# The Voynich Manuscript as an Example of Oligo-Agglutinative Pasigraphy, Vol. III: Dictionary, Figures, Tables and Other Supplementary Material

**Steve Bolton**

**Prepublication Edition, Sept. 2024 (not for distribution)**

The Voynich Manuscript as an Example of Oligo-Agglutinative Pasigraphy, Vol. III: Dictionary, Figures, Tables and Other Supplementary Material

# The Voynich Manuscript as an Example of Oligo-Agglutinative Pasigraphy, Vol. III: Dictionary, Figures, Tables and Other Supplementary Material

Prepublication Edition

Steve Bolton

© 2024, Infinidata LLC Publications. All right reserved.
Rochester, New York
ISBN: 978-1-948810-03-6

## Dedication

*To St. Mary, Ven. Catherine Emmerich and my siblings, Randi Bolton, Shawn Thompson, Heather Sheehan, Mike Thompson, Leah Thompson, Dave Raskopf, Gary Raskopf and Lora Raskopf.*

## Credits

Special thanks go to the following analysts and valuable sources, without which this project would not have been possible:
• Mary E. D'Imperio
• René Zandbergen
• Nick Pelling
• J.K. Petersen
• Fr. Theodore Petersen
• John H. Tiltman
• William and Elizabeth Friedman and their study groups
• The Yale University's Beinecke Rare Book and Manuscript Library and the Beinecke 408 forensics team
• Takeshi Takahashi
• John Grove
• Jorge Stolfi
• Gabriel Landini
• Jacques B. M. Guy
• Edith Sherwood
• Stephen Bax
• Hugh O'Neill
• The staff of http://plantillustrations.org
• The staff of http://www.medievalastrologyguide.com
• Manfred M. Junius
• Gerard E. Cheshire
• Glen Claston
• Adam McLean
• Koen Gheuens
• Richards Ojers
• Transcriber Yale Prof. William R. Bennett
• The directors of the Voynich Manuscript Browser located at https://www.voynichese.com/ and https://github.com/voynichese an d The Voynich Information Browser at http://voynich.freie-literatur.de/ (which is currently down as of this writing).
• Thanks should also go to those who put a lot of hard work into developing alternate transcriptions, including Don Latham, Mike Roe, Denis V. Mardle, Karl Kluge, Jim Reed, Jeffrey Krischer and Prescott Currier, not to mention the developers of the Voynich fonts, who I haven't been able to identify yet, apart from Zandbergen and Claston. Their contributions were indispensable.
• and the unknown author(s), likely singular.

# Table of Contents

## Volume I, Part One: Description of the Most Elusive Case III Conundrum in Cryptographic History

**Abstract** xix
**Introduction: Four Centuries of Domain Knowledge (and Lack Thereof)** 1

**The Method Behind the Madness: Constructing a Complex Knowledge Engineering Process**
2.1 Complexity Mitigation and the Format of the Solution 35
2.2 Limitations of Ordinary Data Mining Methods in the EDA Phase 36
2.3 Technical Challenges in Developing a Support Infrastructure for Fuzzy Set Queries in T-SQL 39
2.4 The Iterative Knowledge Engineering Methodology 42

## Volume I, Part Two: Analysis at the Level of Individual Symbols

**The Primary Data Quality Issue: Settling on a Symbol Set**
3.1 Data Collection from The Interlinear File 47
3.2 Data Quality and Scrubbing in the Import Process 48
3.3 Iterative Edits of the Symbol Set Based on Zipf Slopes 50
3.4 Grouping Voynich Glyphs by Visual Similarities 50
3.5 The Dead-End W-Pentimal System Theory and the Role of *i* Repetitions 53

**From Differentiation of Symbol Functions to Transcription Stability**
4.1 Symbols as Initiators and Terminators: Ruleset and Fuzzy Set Construction via Frequency Analysis 59
4.2 Polygraph Initiator/Terminator Segmentation: A Fortuitous Solution to the Compound Letter Issue 70
4.3 Convergence towards a Zipf Distribution in Version #26 76

**Narrowing the Range of Potential Pronunciations**
5.1 Sukhotin's Vowel Identification Algorithm 79
5.2 Consonant Cluster Analysis 80

**Topical and Inflectional Implications of the Voynich Symbol Set**
6.1 Topical Specificity in the Latest Symbol Set 85
6.2 Unraveling the Symbol Set with Side Information from Computistic Manuscripts 89
6.3 The Complexity of Voynich Symbol Combinations and Elimination of Many Common Encryption Methods 93

## Volume I, Part Three: From Polygraph Analysis to Affix-Case Role Mapping

**Initial Ruleset Construction from Precluded Polygraphs**
7.1 The Inadequacy of Early EDA at the Polygraph Level 99
7.2 Ruleset Construction through Absence Testing and Precluded Polygraphs 101
7.3 Extracting Additional Morphological Rules from Potential Compound Words 105

**The Elimination of Exotic Affix Types**
8.1 Circumfixes and Interfixes 109
8.2 Duplifixes and Simulfixes 111
8.3 Ruling Out Transfixes 113
8.4 Ruling Infixes In and Disfixes Out 114
8.5 Successful Predictions after Identifying Generator Strings for the e- and i-Infixes 115
8.6 Pinpointing the e- and i-Infixes as Enumerators 116

**Further Refinement of the Adfix Subtypes**
9.1 Defining the Subset of Functional Adfixes 123
9.2 Discriminating Adfixes by Behavior, Using Conditional Dependence of Successive Polygraphs (and a Side Note on the Phonetics of *l*) 126
9.3 Exposure of the Single-Letter Slots and Prefix-Dominant Structure from "Dual-Use Morphemes" 151

**Interactions Between the Polygraph and Phrase Levels of Granularity**
10.1 The Unusually Flat Distribution of Voynich Phrases 135
10.2 Leveraging Polygraphs across Consecutive Words to Rule Out Gender Agreement and Single-Letter Suffixes for Plurals 136
10.3 The Road from Punctuation Candidates and Differentiation of Sentence Structure to [fptk]-Prefix Clause Markers 139
10.4 The Directionality of Voynich Phrases 145

**Polygraphs as Determinants of the Repetitious Voynich Phrases**
11.1 The Non-Random Nature of the Exact Repetitions 149

11.2 Delineating the Low-Levenshtein Sequences 152
11.3 Defining the Inner and Outer Fences of Low-Levenshtein Sequences 156
11.4 Identification of Common Connective Candidates in Repetition Boundaries and Text Rings 158
11.5 The Possible Role of *q* in Providing Sequence Information 161

**Deriving Targets for Part-of-Speech Distributions and Concept Rankings from Frequency Lists**
12.1 Expectations Drawn from Compositing Selected Natural Language Distributions 167
12.2 Segmenting the Apex of the Voynich Ciphertext 172
12.3 Implications of the Natural Language Frequency Bands for Voynich Connectives 176

**The Impact of the Voynich Noun Surfeit on the Part-of-Speech Packing Problem**
13.1 Consistent Underestimation of the Noun Counts and Its Impact on Connective Distributions 185
13.2 The Failure of Optimization Clustering Methods to Solve the Part-of-Speech Packing Problem 187
13.3 Further Noun Augmentation through Concentric Fuzzy Sets and Decomposability Studies 191
13.4 The Inadequacy of *c* as a Derivational Marker 195

**Rejection and Refinement of the Part-of-Speech Models**
14.1 Fitting the a-Bases from the Ciphertext Apex to Plaintext Concept Frequencies 199
14.2 Upgrading the Working Hypothesis to a Split Verb/Noun-Coding System 205
14.3 Deriving the Tripartite/Quadripartite Models 208
14.4 Phrase Omission Testing for the Tripartite Part-of-Speech Model 212
14.5 Label Participation Testing for the Tripartite Part-of-Speech Model 214
14.6 Compounding as a Mechanism of Derivational Change 216

**Progress Towards a Theory of Voynich Word Formation via Linguistic Universals**
15.1 Mechanisms of Glossogenic Change and Their Implications for an *a priori* Language 221
15.2 The Voynich Manuscript as an Oligo-Agglutinative Language: Compliance (and Lack Thereof) with Known Morphological Patterns 227
15.3 Determining the Agglutination Limit from Cliticization Scoring and Preceding/Following Distances 230
15.4 Narrowing the Set of Functional Affixes via the Agglutination Limit 234
15.5 Towards a Succinct Explanation of Voynich Text Generation 238

**SOV Order in the Final Part-of-Speech Models**
16.1 Linguistic Universals and the Noun-Initial Order Determination 243
16.2 Exceptional Verb Syntax and Superior Compliance with SOV Packing Constraints 246
16.3 Deriving Insights into Sentence and Clause Structures from Exceptional Verb Orders and Clause Markers 249
16.4 Adjective and Adverb Order Relationships in SOV and their Relevance to Clause Marker Clusters 253
16.5 Establishing the Dominance of Head-Final Dependent-Marking 255
16.6 The Implications of Head-Final Dependent-Marking for Noun Phrase Subtypes 259

**Affix Role Identification**
17.1 Enumerating the Inherent Constraints of Declension and Conjugation Functions 265
17.2 Categorizing the Constraints on Voynich Affixes 272
17.3 Competition between y-Substitutions and Suffixes for Similar Slots 274
17.4 Spatio-Temporal Postpositions as the Best Choices for [dlrsmg] Suffixes 279
17.5 Plausible Options for the Semantic Class Roles 282
17.6 Narrowing the Clause Governance Functions of the [fptk]-Prefixes 285
17.7 Devising Constraints for the [dlrs]-Prefixes 289

**Select Bibliography and End Notes for Volume I** 294

## Volume II: The Semantic Classification System

**Imposition of Initial Constraints on the Permissible Range of Semantic Meaning**
18.1 Formulating a Plan of Attack from the 5 Initial Prerequisites 1
18.2 Leveraging Frequency-Based Concept Mapping at Thematic Noun Peaks 6
18.3 Ingredients (Particularly Liquids) as Modifiers 11
18.4 Verb Peak Correspondences and the "Action Chain" 15

**The Dominance of Prescriptive over Descriptive Properties among the Voynich Plants**
19.1 Identification and Property Enumeration of the Voynich Plants 21
19.2 Descriptive Properties Intrinsically Tied to Specific Botanical Morphology 26
19.3 Pinpointing the Herbal Ingredient Hierarchy via Usage Property Correlation 35

**Constraining the Peripheral Purposes of the Voynich Manuscript**
20.1 Minimizing the Representation of Witchcraft, Narcotics and Other Non-Medicinal Usage Properties 41
20.2 Eliminating Whole Branches of Medicine as Subtopics of the Manuscript 46
20.3 Enumeration of the Stringent Limitations Against Digestive Sub-Topics in the Voynich Manuscript 49

20.4 Respiratory Uses as a Low-Incidence Superset (at Best) 53

**Topical Treatments with Specific Anatomical Targets**
21.1 Ruling in Topical Uses for the Toxic Plants and [yo]ce$^{1-4}$y, Ruling out a Poisoning Manual or Antidote Focus 57
21.2 The Parasite Superset: From Snakebites, Scorpions and Rabies to the Lice/Flea/Scabies Block to Anthelmintics 60
21.3 Musculo-Skeletal Disorders 67
21.4 Bruises, Blood and Burns 71
21.5 Menstrual Treatments and Women's Health Care 75

**General Skin and Beautification Applications**
22.1 Discovery of the Eruptive Skin Disorder Superset 81
22.2 Segmenting the Skin Disorders Outside the Eruptive Set on the o[fp]- and -o[lr] Axes 86
22.3 Balms and Anti-Inflammatory Methods of Action 91
22.4 Cosmetics and the Color Superset 95

**Integrating the Remedy/Solution Hierarchy and Application Methods into the Encoding Scheme**
23.1 How Usage Property-Word Category Correlations Yielded a 2D Thematic Map and a Stable Semantic Model 105
23.2 The Selection of [yo][fptk][ao][dlrsmg | fptk | n | y] for Encoding of Voynich Remedies 112
23.3 Devising Constraints through Segmentation of the Preparation and Application Methods 114
23.4 Remedy Consistency and the "Dry" o-axis of [yo][fptk][ao][lr] 121
23.5 Application Methods Compatible with Balneological and Beautification Purposes 124

**Encoding of Pharmacological Processing Instructions**
24.1 The Organization and Purposes of the Pharmacological Section 129
24.2 Correlating Herbal Ingredient Types with Processing Methods in the Pharmacopeia 133
24.3 Leveraging Canister Types to Shed Light on the Pharmacopeia 135
24.4 Dosage, Timing and Processing Directives in the Vowel Slots 142

**The Pharmaceutical Ends of the Position-Dependent Grammar in the Interior of Voynich Paragraphs**
25.1 The State of Grammatical Knowledge Prior to Discovery of the Pharmaceutical Formatting 147
25.2 Deriving a Semantic Grammar Requirement from the Positional Dependence and Adjacency Stats of Voynich Word Categories 149
25.3 The Compatibility of Inline Pharmaceutical Lists with the Voynich Grammar 157

**How to Tell Time in Voynichese**
26.1 The Dominance of the Remedy/Solution Hierarchy in Zodiac Date Labels a Month-Level Prognostications 163
26.2 [yo]dai$^{0-4}$[lrm | n] and the 7 Planets (Domiciles) 166
26.3 The Primacy of the Moon in f67r2 Lunaria/Zodiac and f69v 28 Lunar Mansions 173
26.4 The Constellations Pisces, Aries and Taurus in f68r1-3 177
26.5 The f68r 1-2 Face Mappings to f67r1, f67v1, f68v1 and Beyond 180
26.6 The Angle Markers of f69r 183
26.7 Aspect Patterns, Lunar Phase Information and Rosette Folio Interconnections for f67v2 and f68v3 186
26.8 The Venusian and Lunar Phase Interpretations of f70r2 and f68v2 189
26.9 The "Critical Days" Interpretation of f70r1 191

**Imparting Supplementary Semantic Information through Other Voynich Diagrams**
27.1 Conflict Resolution in Calculations of the "Critical Days": The Influence of Lunar Phases and the 4 Humors 195
27.2 The Purposes of f57v dairol and Interconnections with Other Diagrams 200
27.3 Distinctive Characteristics of the Section 6 Distribution 201
27.4 The Applicability of f86v4 and the "Hand-Raisers" of f85r2, f86v4 and f57v to the 4 Seasons, Humors, Elements and Complexions 203

**Congruences Between the Rosette Folio and Its Satellite Temporal Diagrams**
28.1 Narrowing the Range of Potential Purposes of the Rosette Folio 209
28.2 The Incapacity of the Rosette Folio to Generate the Zodiac Date Labels 211
28.3 The Challenge of Generating Zodiac Date Labels from the Rosette Folio's Satellite Diagrams 216
28.4 Mapping the Temporal Outer Band and Inner Protrusions of the Rosette Folio to f67v2, f57v, f85r2 and f86v3 223
28.5 Overlaying the Rosette Folio with the f68r1-v3 Foldout and f69r 229
28.6 Complex Entanglements of the f68v3, f86v3 and Rosette #2 T-Squares (Possibly Supplemented by Rosette #3) 234

**Integration of Spatial Information into the Intermediate Band of the Rosette Folio**
29.1 The Balneological and Beautification Themes of Section 3 237
29.2 The Rosette Diagram as the Linchpin of a Grand Bathhouse Design 245
29.3 Gleaning Operational Details of the Bathhouse 252

**Textual Congruences between the Pharmacological Canisters and Phytomorphs and Other Figure Types**
30.1 The Function of the Center Rosette and the Canister Mapping Clusters 259
30.2 Potential Mappings of Canister-Phytomorph Lines to Specific Sets of Rosettes (and Their Satellite Figures) 261
30.3 Muted Correspondences of the Canister-Phytomorph Labels to f67r2, f70r1 and the Zodiac Date Labels 268
30.4 Intersections between the Canister-Phytomorph Lines and the Herbal Folios 270

**From *faceys ykal* to *oqokain* and *oror cseeey*: The Opening Address to the Backmatter, the Alpha and the Omega**
31.1 Defining the Structure and Boundaries of Section 5 275
31.2 Tracking the Subject Matter of Section 5 277
31.3 Potential Figure References in Section 5 287

**Conclusions, Recommendations and Future Work**
32.1 Passing a Gauntlet of Preconceived Validation Tests 291
32.2 Minimizing the Impact of the Solution's Shortcomings 294
31.3 Looming Challenges and Opportunities for Further Advancement 298

**Select Bibliography and End Notes for Volume II** 303

## Volume III: Dictionary, Figures, Tables and Other Supplementary Material

**Appendix A: Figures**
3.1: Improvements in the Zipf Slope between Versions #3 and #16 1
3.2 Depictions of 3 Uncertain Characters from IsBetaGroup and IsNumeral 1
3.3: Examples of Dubious Polygraphs Containing the Symbol (i) 1
4.1: Resemblances to an Incomplete and (*cse* and *s*) Ligature in Rosette #4 Outer Ring 1
4.2: Pronounced Inflection Point at (q) in the Zipf Slope of Version #26 2
4.3: Possible Imbalances in and (e and c) in the Count/LogRank Plot of Version #26 2
6.1: "Vitriol" Attachment to Rosette #2 (Later Determined to Be a T-Square Aspect Pattern) 2
6.2: Picatrix-Like Attachment to Rosette #6 (Later Determined to Be a Conjunction Symbol) 2
6.3: Other Alphabets of Interest 3
6.4-7: Instances of Voynich Character Patterns in Other Ancient Documents 3
6.8: Ampersand-Like Symbol in the Easter Tables of *Computus Cottonianus* of 688/689 A.D. 4
6.9: Canon Law Diagram from Vat. Lat. 1339, f303r 5
6.10: *Aries Facit Calorem Temperatum* on f80r of Astronomisch-Astrologische Sammelhandschrift 6
6.11: Similar Ligatures in the Life of St. Gall 7
6.12: Ligatures and Voynich Characters in Petrus de Candia's *Commentary on the Sentences*, c. 1380-1389 8
6.13: Ligatures and Voynich-Like Characters in *Recueil Composite Constitué de Deux Manuscrits* 9
6.14: Characters of Interest in the Scholarly Theological Treatise Vat. lat. 869 10
6.15: Comparisons of Symbol Frequency Peaks for Versions #29, #52 and English 11
6.16: Comparisons of Word Frequency Peaks for Versions #29, #52 and 4 Sources with Relevant Topics, Translated into English 11
6.17: Cumulative Distribution Fits for Versions #29, #52 and 4 Sources with Relevant Topics, Translated into English 11
7.1: Overlap in the Distributions of Polygraphs and Words By Length 12
12.1: Part-of-Speech Heat Map for the 100 Most Frequent Words of 6 Natural Languages 12
14.1: Examples Drawn from the Cross Product of Affix Types, Coding Methods and Base Roles for [ao] Connectives (in the Lifetime of Version #29) 13
15.1: The 9-Slot Recursive Text-Generation Method 13
15.2: Slot-and-Filler Diagram of Navajo Grammar 13
19.1: Visual Comparison of the 5 Core "Flatbed" Members 14
26.1: Associations of the 28 Lunar Mansions with the 12 Zodiacs 14
26.2-4: Lunar Phase Diagrams 15
26.5: LJS 443 f20v circa 1420 15
26.6: LJS 443 f206v circa 1420 16
26.7: LJS 443 f209r circa 1420 16
26.8: LJS 443 f209v circa 1420 17
26.9: LJS 443 f210r circa 1420 17
26.10: LJS 443 f204r, circa 1420 18
26.11: T-O Map, Cryptograms and Alphabets of Interest in St. John's MS 17 18
26.12: 8-Pointed Star of Venus in Bellesguard Castle 19
26.13: Octagram Tile Reminiscent of f70r2 19
26.14: The Pentagram of Venus 19
26:15-16: 9-Pointed Stars Potentially Relevant to f70r1 20
27.1-5: Personifications of the 7 Planets in Medieval Manuscripts 20
27.6: Medical Astrology Rota Produced c. 1410 in Southern Germany, Depicting a Circular Order of the 7 Planets 21
27.7: Alternate Zodiac-Body Part Mappings Showing Aries Governing the Feet and Toes 21
28.1 Excerpt from Peter of Poitiers' Universal History Diagram 22
28.2: Byrhtferth's Diagram on f7v of MS 17 St. John's 22
28.3: Simple Diagram of the 4 Elements Connected by "Bridges" in Digby 107 23
28.4: The 4 Elements in Morgan B27, Featuring a Flower-Like Design Like That at the Center of f57v 23
28.5: Diagram of the 4 Humors, 4 Temperaments, 4 Seasons and 7 Planets in MS B.27 (c.1450–1475) 24
28.6: 4 Diagrams of the Elements and Humors Cited at J.K. Petersen's Blog 25
28.7: Two Versions of a Diagram of the 4 Seasons in the 14th Century *Le Breviari d'Amors* 26

28.8: Disease Crisis Points in *Astronomicum Caesareum* (1540) 26

## Appendix B: Tables

1.1: Comparison of 2 Voynich Fonts 27
3.1: Voynich Symbols in the EVA True Type Font 28
3.2: Transcriber Code in the Landini-Stolfi Interlinear File 29
3.3: Most Common Symbols in the Interlinear File by Transcriber Code 29
3.4: Versioning System with Associated Zipf Slopes 31
3.5: Symbol Ranks in Takahashi's Transcription 31
3.6: Properties Added to the SymbolTable to Denote Possible Classes 32
3.7: Remaining Instances of (h) and (ce) after the Replacements in Versions #6 and #16 32
3.8: Ligatured vs. Non-Ligatured Forms of vs. (oe) by Section in Intermediate Versions 32
3.9: Counts of W-Pentimal Symbols in Version #22 33
3.10: Distributions of Polygraphs Containing the Symbol (i) in One Early Transcription 33
3.11: Consecutive Instances of (i) in - and - Polygraphs 34
3.12: Reduction to the Alphabetic Symbol Set in Version #22, with Group Properties, Ranked by Frequency 34
4.1: Initial Symbol Rankings for Version #29 36
4.2: Symbol Rankings for Version #59 Compared to an Intermediate of Version #29 with Functions 37
4.3: Frequencies of Letters as Initiators and Terminators Across All Words in the Document (Including Duplicates) in Version #16 39
4.4: Frequencies of Letters as Initiators and Terminators for All Distinct Words in Version #16 40
4.5: Initiator and Terminator Frequencies for Symbols, When Present in a Particular Word or Paragraph 41
4.6: Top 25 Deviations from Expected Conditional Probabilities Between 1st and Last Symbols in the Same Word 42
4.7: Remaining Instances of (n) after the Replacements in Version #16 42
4.8: Differentiation in Functions Between F-Group and N-Group Letters in Version #16 43
4.9: Frequencies of Paragraph Initiation and Termination Symbols in Version #16 43
4.10: Identification of Paragraph Initiators and Terminators in Version #26 44
4.11: Trimming of Paragraph and Word Initiators and Terminators Across Versions #1-26 44
4.12: Separation in Paragraph and Word Initiator Scores in Version #26 44
4.13: Separation in Paragraph and Word Terminator Scores in Version #26 45
4.14: Initiators and Terminators in Version #16 by Section 45
4.15: Highest-Ranked Word Initiators and Terminators for All Label Types in Version #18 46
4.16: Highest-Ranked Word Initiators and Terminators for Paragraph Labels in Version #18 46
4.17: Highest-Ranked Word Initiators and Terminators for Figure Labels in the Balneological Section (Version #18) 47
4.18: Highest-Ranked Word Initiators and Terminators for Figure Labels in the Cosmological Section (Version #18) 47
4.19: Highest-Ranked Word Initiators and Terminators for Nymph Labels (Version #18) 47
4.20: Highest-Ranked Word Initiators and Terminators for Pharmacological Labels (Version #18) 48
4.21: Leading and Trailing Fuzzy Set Comparison Scores for Various Figure Types in Version #26, Excluding 48
4.22: General Patterns of Movement in Glyph Placement for Figures in Version #26 49
4.23: The Serendipitous Segmentation of Similar Compound Letters by Initiator-Terminator Discrepancies 49
4.24: Digraphs Not Exhibiting Discrepancies Between Word Initiator and Terminator Scores 51
4.25: Categories of Potentially Misclassified Symbols Contained in the Initiator Discrepancy Rankings 52
4.26: Distribution Distances for Symbols, Ranked by Similarity to [pt] 52
4.27: Gauging the Similarity of *c* and *e* to Possible Compound Letters via Preceding and Following Distributions 53
4.28: High Degree of Similarity Between the Most Common Ligatures of [fptk] 53
4.29: Destructive Testing of Zipf Slopes via Letter Removal 54
4.30: Convergence Towards -1 for Zipf Slopes of Words in Selected Transcription Versions 55
4.31: Progression of the Zipf Slopes across Polygraphs and Phrases in Versions #22 and #26 55
5.1: Sukhotin Scores for Each Letter in Version #22 56
5.2: Discrepancy Tracking of Sectional Sukhotin Scores Over All Versions 57
5.3: Leading Sectional Sukhotin Score Discrepancies for Each Version Up to #26 57
5.4: The Herbal c/e Imbalance for Polygraph Lengths 2-3 in Version #26 60
5.5: Vowel Clusters Identified in Version #26 through the Sukhotin Algorithm 61
5.6: Consecutive Repetitions of the Same Letter in Version #26 61
5.7: Changes in Consonant and Vowel Clusters in Version #26 Induced by Vowel Substitutions 62
5.8: Consonant and Vowel Cluster Counts by Version, Up to #26 63
6.1: Sectional Effects on Paragraph Initiator Scores for Version #26 63
6.2: Sectional Effects on Paragraph Terminator Scores for Version #26 63
6.3: Sectional Discrepancies on Paragraph Initiator Scores in Version #26 64
6.4: Sectional Discrepancies on Paragraph Terminator Scores in Version #26 64
6.5: Sectional Specificity by Symbol in Version #26 64
6.6: Ranking the Cumulative Figure Affinity Scores in Version #26 64
6.7: Symbol Affinity Scores by Figure Type in Version #26 65
6.8: Symbol Affinity Scores by Folio, Sans Sectional Effects in Version #26 65
6.9: Symbol Affinity Scores by Folio Most Explainable by Sectional Effects in Version #26 66
6.10: Sectional Affinities of Individual Symbols in Version #29 66
6.11: Affinity Scores of Individual Symbols for Particular Herbal "Flatbed" Subgroups in Version #29 67
6.12: Similarities of the Voynich Script to Other Alphabets 67
6.13: Index of Coincidence Figures for 7 European Languages and the Voynich Manuscript 67

6.14: Index of Coincidence Figures for the 7 Sections of the Voynich Manuscript 67
6.15: Index of Coincidence Figures for 9 Herbal Folio Subgroups, Defined By "Flatbed" Word Distributions 67
6.16: Keyword Lengths and Counts of Encipherment Alphabets by Kappa Level 68
6.17: Possible Encoding Methods at the Symbol, Polygraph, Word and Phrase Levels of Granularity 69
7.1: Distributions of the Distinct and Document-Wide Counts of Polygraphs and Words, By Length 69
7.2: Counts of Precluded Polygraphs at Each Possible Length 69
7.3: Rules Governing Repetitions of Symbols within Polygraphs 70
7.4: Allowable Polygraphs Incorporating *q* 70
7.5: Allowable Polygraphs Incorporating *i* (Early in the Lifetime of Version #29) 70
7.6: Final Letters in Words Incorporating *i*-Sequences (Early in the Lifetime of Version #29) 71
7.7: Allowable Polygraphs Incorporating *c* 71
7.8: Absent Polygraphs Explained by the Initial Ruleset 71
7.9: Precluded Polygraphs Not Explained by the 1st 30 Rules 72
7.10: Expected Counts of Consonant and Alternate Vowel Set Clusters in the Remaining Precluded Polygraphs 72
7.11: Vowel Set Clusters among the Remaining Precluded Polygraphs at Length 3 (Using the Alternate [yoa | e | n] Set) 72
7.12: Polygraphs Doubling as Independent Words, By Length 72
7.13: Truth Table for Compound, Affixed Word and Root Scores 72
8.1: Top 20 Potential Prefixes and Suffixes Participating in Circumfix Candidates 73
8.2: Top 20 Words Participating in Circumfix Candidates 73
8.3: Top 25 Prefix-Suffix Pairs Participating in Circumfix Candidates 73
8.4: Top 20 Symbols and Polygraphs Participating in Interfix Candidates 73
8.5: Top 50 Root Words Participating in Interfix Candidates 74
8.6: All 114 Duplifix Candidates in Version #29 74
8.7: The 7 Symbols and 35 Polygraphs that Duplifixes Can Be Created From 75
8.8: Top 20 Simulfix Scores for Symbols and Polygraphs 75
8.9: Top 50 Simulfix Substitution Pairs 75
8.10 Top 35 Transfix Base Patterns 76
8.11 Top 35 Transfix Substitution Patterns 76
8.12 Unused Base and Substitution Patterns 76
8.13: Top 25 Symbols and Polygraphs Participating in Disfix-Infix Candidates 76
8.14: Dominance of e- and i-Sequences among the Highest Disfix Scores 77
8.15: Dominance of e- and i-Sequences among the Highest Absolute Infix Scores 77
8.16: Counts of E-Sequence Variants in Version #29 78
8.17: Classification of the Top 50 $ai^{1-3}n$ Words and Variants by Differences in Count Magnitudes 78
8.18: Selected Words Where e-Sequences of Length 2 Outnumber Variants of Length 1 79
8.19: The Effect of Divergent Spikes in Document Counts of e-Sequences of Length 2 on Selected Grammatical Categories 79
8.20: Counts of *e* in Single-Word Figure Labels with *ce* or *cse* 80
8.21: Determinants of the Enumeration Targets of e-Sequences 80
9.1: Prefix and Suffix Candidates Eliminated by Role Predilection Testing 80
9.2: Initial Prefix and Suffix Scoring Results 80
9.3: Prefix and Suffix Scoring Results Following Length Penalties 81
9.4: All 61 Polygraphs of Length 2-3 with Perfect Compound Boundary Scores 81
9.5: Top 22 Polygraphs Most Similar to *ad* by Combined Conditional Distribution Distance 81
9.6: Distribution Distance Hyperpyramids for Digraphs 82
9.7: Consolidated Generator Statements for the Digraph Distribution Distance Hyperpyramids 83
9.8: Generator Statements for the Trigraph Distribution Distance Hyperpyramids 83
9.9: Generator Statements for the Quadgraph Distribution Distance Hyperpyramids 84
9.10: Prefix/Suffix Ratios for Words of Length > 2 Formed from [ao][tk | dlrsm] 84
9.11: Counts of Single-Letter Words in Version #29 84
9.12: Initial Estimates of Prefix and Suffix Candidates Serving as Digraphs, Trigraphs or Quadgraphs 84
9.13: Final Tally of Affix Types by Word Usage Counts 84
9.14: Prevalence of Dual-Use Morphemes among the Highest-Ranked Prefix Candidates 84
9.15: Prevalence of Dual-Use Morphemes among the Highest-Ranked Suffix Candidates 85
10.1: Breakdown of Phrase Counts by Length 86
10.2: Breakdown of Phrases by Count 86
10.3: Top 50 Phrases for Lengths 2-3 86
10.4: Phrases Repeated within the Same Text Sequences 87
10.5: Counts of Missing Members for Spanning Pairs of Length 2 (Spanning Count = 0) 87
10.6: Top 100 Most Interesting Absent Spanning Combinations 88
10.7: Spanning Counts among Identical Pairs of Selected Symbols 89
10.8: Spanning Counts among Heterogeneous Pairs of Selected Symbols 90
10.9: Top 20 Spanning Adfix Pairs across 2 Words for Each Combination Type 90
10.10: Instances of Identical Consecutive Single Letters at Paragraph Ends 90
10.11: Probabilities of Consecutive Single Letters at Paragraph Ends 91
10.12: Paragraph-Spanning Symbol Combinations 91
10.13: Likelihood of Symbol Combinations for Consecutive Words at the Beginnings of Paragraphs 92
10.14: Top 25 Longest Paragraphs When Separated by Interior [fptk] Members (early in Version #29) 92
10.15: Text Sequence Termination Rates for Selected Categories, Sans Single-Word Labels 92
10.16: Count of Text Sequences by Initial Polygraph Type 93
10.17: The 52 Degenerate [fptk]-Prefix Clause Candidates in Version #59 93

10.18: The Paucity of Transposed Words 93
10.19: Phrase Transpositions of 4 or More Words 94
10.20: Concentration of Words Participating in Phrase Reversals (Prior to the Last Round of Corrections) 94
10.21: Domination of *c* and *q* in the Initial Digraphs of Reversible Phrases 94
10.22: The 61 Reversible Phrases Not Belonging to the Primary Low-Levenshtein Generator Statements 94
11.1: Triple Repetitions in the Voynich Manuscript 95
11.2: The 133 Words Participating in Repetitious Phrases 95
11.3: Levenshtein Distance Scores for Key Manuscript Levels 95
11.4: Extremes of > 0.2 or < 0.1 in the Levenshtein Score Ranks by Folio 96
11.5: Levenshtein Distances by Folio 96
11.6: Variants within 1 Letter of *daiin* 97
11.7: The 77 Hyperpyramids Defined by the Conditional Probabilities of Preceding and Following Words 97
11.8: Consolidation of the Word Conditional Probability Clusters 98
11.9: Statistical Segmentation of Words Participating in Near Repetitions 98
11.10: Top 100 Words Ranked by Expected Low-Levenshtein Sequence Participation 98
11.11: Matrix of the Most Common Adfixes Defining Near-Repetition Words 99
11.12: Top 50 Words Occurring Prior to Near-Repetitions 99
11.13: Leading Repetition Boundaries Formed by Outer Fences 100
11.14: Leading Repetition Boundaries Formed by Prior-1st Word Boundaries 100
11.15 Groups of Words Preceding and Following Repetitive Phrases 100
11.16 Groups of Words Preceding and Following Repetitive Phrases, Broken Down by Phrase Types 100
11.17 Repetition Types by Text Ring Membership 101
11.18: Importance of 2-Word Prior Phrases in Determining 4 Possible Types of Parasyntactics 101
11.19: Distribution of Prefixes for Text Rings vs. Ordinary Paragraphs 102
11.20: Distribution of Suffixes for Text Rings vs. Ordinary Paragraphs 102
11.21: Change in Ranks among Possible Connectives in Text Rings vs. Ordinary Paragraphs 103
11.22: Probable General-Usage Words Appearing in the Text Rings or Text Ring-Like Labels 103
11.23: Top 100 Words Not Prefixable by *q* 103
11.24: Changes in the Upper Ranks of the Top 100 when qo- is Consolidated with [yo]-Nouns 104
12.1: Frequency List Consolidation of 6 Natural Languages via Fuzzy Sets 104
12.2: Words Re-Ranked When Splitting the Composite Frequency List by Conflicting Parts of Speech 105
12.3: Part-of-Speech Category Distributions in the Composite Frequency List 105
12.4: The Top 100 Voynich Words Ranked by Document Counts, with Early Group Definitions and Final Parts of Speech 106
12.5: Counts of [ao][lr] and am in Labels Adjacent to Nouns 106
12.6: Adjacency Substitution Patterns for [ds][ao][lr] 107
12.7: Shift in *daiin* Partners for the [dlrs][ao][lr], *dam*, *dy* and qo[lr] Categories 108
12.8: Shift in [dlrs][ao][lr] Partners for the [dlrs][ao][lr], *dam*, *dy* and qo[lr] Categories 108
12.9: Shift in *dam*, *dy* and qo[lr] Partners for the [dlrs][ao][lr], *dam*, *dy* and qo[lr] Categories 109
12.10: Shift by [dlrs] + Suffix Group for the [dlrs][ao][lr], *dam*, *dy* and qo[lr] Categories 109
12.11: Unexpected Absences of Phrases Incorporating [dlrs][ao][lr], *dam*, *dy*, qo[lr] and Related Categories 110
12.12: Notable Words Unlikely to be Conjunctions Due to Participation in 2-Word Labels 111
12.13: Composite Ranks of Adposition Types for 6 Natural Languages, Adjusted for Competing English Part-of-Speech Senses 111
13.1: Early $w^N$ "Noun Score" Values 112
13.2: Document and Distinct Counts for 73 Word Categories 112
13.3: Target Frequency Bands for the Optimization Clustering Trial #65 112
13.4: Actual Frequency Bands for Iteration #104, Optimization Clustering Trial #65 113
13.5: Affix Segmentation via the Indices of Synthesis and Agglutination 113
13.6: [yo][fptk]-Initial Words Resulting from Prefix Ablation 114
13.7: [yo][fptk]-Initial Words Resulting from Suffix Ablation 114
13.8: [yo][dlrs]-Initial Words Resulting from Prefix Ablation 115
13.9: Top 25 Most Common Words Found at the Beginnings of Paragraphs 116
13.10: [fptk]-Group Words Resulting from Prefix Ablation 116
13.11: Prefix Ablation of [fptk]-Group Paragraph Initiators 116
13.12: Decomposition into ce-Initial Words by Prefix Ablation 117
13.13: Decomposition into ce-Initial Words by Suffix Ablation 117
13.14: Decomposition into cse-Initial Words by Prefix Ablation 118
13.15: Decomposition into cse-Initial Words by Suffix Ablation 118
13.16: Interchangeable Decompositions into Existing Root Words Prefixed by cs- 119
13.17: The Dominance of Noun Candidates in the Tripartite Part-of-Speech Model 119
14.1: The Hierarchy of Natural Language Adjectives 119
14.2: Frequency of Caption Participation among Suffixed Variants of [dlrs] + $ai^{0-4}n$ 120
14.3: Figure Labels Featuring [ds]a[lr] 120
14.4: Plausible Combinations of Affix Subtypes 121
14.5: Proportionalities in Counts of Prefixed and Infixed Variants of o[drls | fptk | m | n] 121
14.6: Proportionalities in Counts of Prefixed and Infixed Variants of a[drls | fptk | m | n] 121
14.7: Rank Correspondences by Letter for the [dlrs] Prefix Distribution 122
14.8: Rank Correspondences by Letter for Words Constructed from the [dlrsmg] Single-Letter Words 122
14.9: Changes in Distributions of Selected Initial Letters at Word Lengths 1-6 122
14.10: Changes in Distributions of Selected Final Letters at Word Lengths 1-6 122
14.11: Changes in Distributions of Selected Final Letters at Word Lengths 1-6, for [ao] Bases Only 123

14.12: Interpretations of Common Generator Statements According to the Tripartite and Quadripartite Models 123
14.13: Plausible Readings of f75r #7 Lacking Immediate *daiin* Relatives, Under the Tripartite Part-of-Speech Model 123
14.14: Theoretical Correspondence of Voynich Compounds to Derivational Affix Types 123
14.15: Base and Affix Locations in Select [yo][fptk]-Initial Words Formed from a-Bases 124
14.16: Initiation and Single-Word Label Participation Rates Along the [lrn] vs. [ds] Fissure 125
15.1: Magic Quadrant of Language Types, by Morpheme-Binding Behavior 125
15.2: Top 50 Potential Participants in Clitics, Organized by Positions 125
15.3: Perplexity Values for 3 Experimental Manuscript Versions 126
15.4: Decomposability Scores for All Word Categories after Ablation of Single-Letter Prefixes 126
15.5: Decomposability Scores for All Word Categories after Ablation of Single-Letter Suffixes 126
15.6: Leading Single-Letter Proclitic and Enclitic Candidates Ranked by Matching Phrase Participation 127
15.7: Taxonomy of the Voynich Affixes and Clitics 128
15.8: [ao] + i-Infixes in Consonant Clusters and y-Initial Words of 2-Letters 128
16.1: Incidence of Dominant Verb-Noun Orders in Natural Languages 128
16.2: Clear Dominance of Nouns among Paragraph Initiators 128
16.3: Greater Complexity of Paragraph Initiator Patterns in Section 5 128
16.4: Increase in Exceptional Syntax in Interior Clauses 129
16.5: Segmentation of Interior Clause Initiators at the Sectional Level 129
16.6: Word Complexity at Positions 1-20 of Qualifying Voynich Paragraphs, by Average Length and Position Specificity Score 129
16.7: 1st Occurrences of a-Bases within Voynich Paragraphs, by Position 130
16.8: Other Examples in Version #29 of the Critical [yo][fptk][ao][lr] c | cs + e4y Grammar (Related to *okaly cseey* and *oror cseeey*) 130
16.9: Affinity of y-Base Modifiers for Clause Marker Clusters 131
16.10: Composition of the Leading Clause Marker Clusters 131
16.11: Prevalence of Part-of-Speech Combinations at Clause Beginnings 132
16.12: Internal Fault Lines within the Modifier Distribution along Modifier → Verb vs. Verb → Modifier Clause Initiator Lines 132
16.13: Head-Dependent Discrimination for Marking Purposes 132
17.1: Declension of Latin Personal Pronouns vs. Hypothetical (and Incorrect) Voynich Examples from the o[dlrs | y] Distribution 133
17.2: Constraint Map for All Potential Case Roles 134
17.3: Constraint Map for All Relevant Affix Types 135
17.4: Map of Permissible Affix-Case Role Matches 136
17.5: Initial Enumeration of Plausible Affix Combinations Under the Tripartite Part-of-Speech Model 136
17.6: Preferred Affix-Function Mapping that Best Minimizes Constraint Violations 137
17.7: All 107 Possible [yo] → a Substitutions in the Initial Positions of Noun Candidates in Version #29 138
17.8: Top 50 Noun Candidates n Version #29 Not Suffixable by *y* 138
17.9: Distribution of [dlrsmg] Adfixes by Part-of-Speech Assignments in Version #29 139
18.1: Granularity Levels for Semantic Property Comparisons 140
18.2: Thematic Nouns in the Top 300 of *Materia Medica* 140
18.3: Herbal-Positive Noun Candidates among the Top 300 Voynich Words 142
18.4: Thematic Nouns in the Top 300 of the Spagyrics Reference 143
18.5: Noun Candidates with Positive Pharmacological Affinity among the Top 300 Voynich Words 145
18.6: Thematic Nouns in the Top 300 of *The Picatrix* 146
18.7: Noun Candidates with Positive Cosmological Affinity among the Top 300 Voynich Words 148
18.8: Thematic Nouns in the Top 300 of *Vitruvius Pollio* 149
18.9: Noun Candidates with Positive Balneological Affinity among the Top 300 Voynich Words 151
18.10: Noun Candidates with Positive Rosette Section Affinity among the Top 300 Voynich Words 152
18.11: Repeatability in the Voynich Manuscript 153
18.12: Thematic Adjectives and Adverbs in the Top 300 of *Materia Medica* 155
18.13: Thematic Adjectives and Adverbs in the Top 300 of the Spagyrics Reference 155
18.14: Thematic Adjectives and Adverbs in the Top 300 of *Vitruvius Pollio* 156
18.15: Thematic Adjectives and Adverbs in the Top 300 of *The Picatrix* 156
18.16: Herbal-Positive Modifiers among the Top 300 Voynich Words 157
18.17: Modifiers with Positive Pharmacological Affinity among the Top 300 Voynich Words 158
18.18: Modifiers with Positive Balneological Affinity among the Top 300 Voynich Words 158
18.19: Modifiers with Positive Rosette Section Affinity among the Top 300 Voynich Words 159
18.20: Modifiers with Positive Cosmological Affinity among the Top 300 Voynich Words 159
18.21: Non-Thematic Semantic Hierarchies of the 100 Most Common Verbs in English 159
18.22: Thematic Verbs in the Top 300 of *Materia Medica* 160
18.23: Thematic Verbs in the Top 300 of the Spagyrics Reference 161
18.24: Thematic Verbs in the Top 300 of *Vitruvius Pollio* 161
18.25: Thematic Verbs in the Top 300 of *The Picatrix* 162
18.26: Herbal-Positive Verbs among the Top 300 Voynich Words 162
18.27: Verbs with Positive Pharmacological Affinity among the Top 300 Voynich Words 162
18.28: Verbs with Positive Balneological Affinity among the Top 300 Voynich Words 163
18.29: Verbs with Positive Rosette Section Affinity among the Top 300 Voynich Words 163
18.30: Verbs with Positive Cosmological Affinity among the Top 300 Voynich Words 163
19.1: Voynich Plants with Non-Zero Identification Scores at the End of the Project 165
19.2 Parts Used of the Voynich Plants Tentatively Identified at an Earlier Stage in Version #29 167
19.3: Correlations of Page/Plant Part Usage with Probability Differences of c | cs | c[fptk] + $e^{1-4}$o[dlrsmg | y] 167

19.4: The Plant Part Hierarchy for Relevant Chapters of *Materia Medica* 167
19.5: The Plant Part Hierarchy for Relevant Chapters of *Materia Medica*, Sans High-Incidence Connectives 168
19.6: Imbalances between [fptk | dlrsmg] + c | c[s | fptk] + $e^{1-4}$o + [dlr] + y in the Pharmacological Section 168
19.7: Representation for the 13 Plant Part Usage Properties and 6 Supersets 169
19.8: Leading Categories for the 12 Plant Part Usage Properties and 6 Supersets 169
20.1: All Final Word Categories Potentially Imbued with Semantic Meaning, by Document Share 169
20.2: All Usage Properties Leveraged in PPV Scoring 172
20.3: Occult and CNS Usage Properties Minimally Correlated with Voynich Word Categories 173
20.4: Other Medicinal Properties with Minuscule Word Category Correlation Options 173
20.5: Digestive Usage Properties Minimally Correlated with Voynich Word Categories 174
20.6: Respiratory Usage Properties Minimally Correlated with Voynich Word Categories 175
21.1: Correlations to Toxins and the Parasite Superset 177
21.2: Musculo-Skeletal Disorders and Bruises 179
21.3: Hematological and Female-Specific Targets 180
22.1: Other Noxious Skin Diseases 182
22.2: Skin Discoloration and Beautification Properties 184
23.1: 2D Semantic Map Covering the Major Noun Hierarchies 186
23.2: 2D Supplementary Semantic Map with Additional Noun Hierarchies 186
23.3: 2D Map of the Modifier/Adjective Hierarchy 187
23.4: 2D Map of Thematic Verbs 188
23.5: Maximum Changes in Rank for Existing Words between Versions #29 and #59 188
23.6: Maximum Changes in Rank for Existing Words between Versions #29 and #59, Reorganized by Object Types 189
23.7: Sectional Affinities of the Major Candidates for the Major Semantic Hierarchies 190
24.1 Implications of Specific Ingredients for Preparation Method Complexity 191
24.2 Preparation Methods by Processing Complexity 191
24.3 Application Methods by Topical and "Dry" vs. "Wet" Distinctions 192
24.4 Application Method Supersets by Anatomical Targets and Matter Consistency 194
24.5 Mappings of Pharmacological Phytomorphs to Canisters 195
24.6 Remedy/Solution Hierarchy Types and Distribution of Herbal Ingredients in the Pharmacopeia 197
24.7 Problem/Disease Hierarchy Topics in the Pharmacopeia 197
24.8: Word Category Affinity Scores for Root-Based Subsections of the Pharmacopeia 197
24.9: Word Category Affinity Scores for the Peak Tuber and Root Sets on f99r-v 198
24.10: Word Category Affinity Scores for Root Sets Sans f99r-v 198
24.11: Word Category Affinity Scores for Leaf-Oriented Sets of the Pharmacopeia 199
24.12: Word Sets with Positive Pharmacological and Balneological Sectional Affinities in Version #29 200
24.13: Word Sets with Positive Pharmacological and Section 5 Affinities in Version #29 200
24.14: Leading Word Categories in Version #29, Ordered by Participation in the Ornate Canister Subsection of the Pharmacopeia 201
24.15: Leading Word Categories in Version #29, Ordered by Negative Affinity for the Ornate Canister Subsection of the Pharmacopeia 202
24.16: Leading Word Categories in Version #29 for Flat-Topped Containers, Ordered by Participation in the Ornate Canister Distribution 202
24.17: Leading Word Categories in Version #29, Ordered by Participation in the Pointed Top Canister Subsection of the Pharmacopeia 203
24.18: Leading Word Categories in Version #29, Ordered by Participation in the Flat Top Canister Subsection of the Pharmacopeia 204
24.19: Sectional Affinities of the c | c[s | fptk | b]$e^{1-4}$$ai^{0-4}$[dlrsmg | n] Family Word Categories 205
25.1: Top 50 Line Position Scores at Each Extrema by Word Category (with Herbal Folio and Sectional Filters Applied) 206
25.2: Top 50 Line Position Scores at Each Extrema by Word Category, without Herbal Folio and Sectional Filters 206
25.3: Top 50 Clause Position Scores at Each Extrema by Word Category in Version #59 207
25.4: Top 50 Paragraph Position Scores at Each Extrema by Word Category in Version #59 207
25.5: Revelation of Internal Orders from Clause Positioning Scores of Leading Word Categories, Organized by Property Groups 209
25.6: Hard Grammar Rules Derived from Left-to-Right Directionality of Word Categories 210
25.7: Soft Grammar Rules Derived from Left-to-Right Directionality of Word Categories 223
25.8: Leading Adjacency Prohibitions in Herbal → Balneological Category Order 249
25.9: Leading Adjacency Prohibitions in Balneological → Herbal Category Order 250
25.10: Leading Adjacency Prohibitions Apart from Herbal-Balneological Category Pairs 251
25.11: Prohibited and Unusually Common Word Pairs by Category 252
25.12: Most Significant Order Mappings Keyed to Semantic Categories Relevant to Clause Boundaries 283
25.13: Most Significant Order Mappings for Main Noun Categories 284
25.14: Most Significant Order Mappings for Suspected Ingredients 289
25.15: Most Significant Order Mappings for Suspected Verbs and Other Backloaded Categories 291
25.16: Top 130 Mean Distances from the Midpoints of Paragraphs by Word Category 295
25.17: Top 130 Mean Distances from the Midpoints of Clauses by Word Category 296
25.18: Pure Phrases by Length for All Major Category Superset Types 296
25.19: Elongation of Viewing Windows for Combinations of the Major Category Supersets 297
26.1: Instances of Specific Semantic Hierarchies in Single-Word Cosmological Section Nymph Labels 298
26.2: Word Categories with Positive Cosmological Affinity Scores and $w_N > 50$ 298
26.3: Commonly Held Astrological Property Assignments for Each Zodiac Sign 300
26.4: Date Ranges for the Zodiac Nymph Labels 300

26.5 Candidates to Directly Represent Planet Names, Based on PPV Scoring 302
26.6: Approximate Mappings of the 28 Lunar Mansions to f69v 302
26.7: Internal Concept Mappings of the Lunaria on f67r2 303
27.1: Top-Ranked Word Categories for Section 6, on the Rosette Foldout 304
27.2: Traditional Mappings of the 4 Elements and 4 Humors to Other Key Object Hierarchies 305
27.3: Traditional Mappings of the 4 Seasons to Other Key Object Hierarchies 306
27.4: Traditional Mappings of the 7 Planets to Other Key Object Hierarchies 306
27.5: Traditional Mappings of Anatomical Parts to the 12 Zodiacs 306
28.1: Clustering of Zodiac Date Labels by Critical Slot-and-Filler Definitions 306
28.2: Cosmological Diagram Mappings to the T-Squares and Outer Protrusions of the Rosette Folio 307
28.3: Cosmological Diagram Mappings to the Inner Protrusions of the Rosette Folio 309
28.4: Exterior Remedy Distribution 309
28.5: The Rosette "Bridge" Distribution 310
28.6: Mapping of Rosettes #1-8 to the f68r3-f68v3 Figures with Minimal Textual Misalignments 310
28.7: Mapping of 45° Angle Marker Groups on f69r to Rosettes #1-8 and Related Figure Types 310
28.8: Remapping of the T-Squares 311
29.1: Top-Ranked Word Categories for the Balneological Section (f66r and f75r-f85v) of $w_N > 50$ 312
29.2: Distribution of o[fptk]c + $e^{0-4}$dy Members within Section 3, Ordered by Individual Page Word Shares 313
29.3: Distribution of [yo]c + e4o Superclass and [yo]c + e4dy Members within Section 3, Ordered by Individual Page Word Shares 314
29.4: Distribution of ol[fptk] Members within Section 3, Ordered by Individual Page Word Shares 314
29.5: Rosette #1-2 and #8 Zone Mappings to f75r Figures 314
29.6: Rosette Zone Mappings to f75v Figures 315
29.7: Rosette #4-6 Zone Mappings to f84r Figures 315
29.8: Rosette Zone Mappings to f82r Figures 316
29.9: Rosette Zone Mappings to f82v Figures 316
29.10: Rosette Zone Mappings to f80r Figures 317
29.11: Rosette Zone Mappings to f77r Figures 317
30.1: Pharmacological Rosette Mappings 318
30.2: Zodiac Date Label Mappings to Pharmacological Phytomorphs and Canisters 319
30.3: Canister Mappings to Specific Herbal Folio 328
30.4: Pharmacological Canister Mappings for f67r2 342
30.5: Potential Pharmacological Figure Correlations to Short f70r1 Labels 349
31.1: Leading Word Categories for Section 5, with $w_N >= 100$ 351
31.2: Ebb and Flow of Suspected Spatio-Temporal Differentiators across Section 5 Folios 353
31.3: Ebb and Flow of Anatomical Cause/Target Differentiators across Section 5 Folios 354
31.4: Ebb and Flow of Primary Problem/Disease Differentiators across Section 5 Folios 354
31.5: Ebb and Flow of Suspected Color/Symptom Diagnostic Criteria across Section 5 Folios 355
31.6: Ebb and Flow of Primary Remedy/Solution Members across Section 5 Folios 355
31.7: Ebb and Flow of Primary Bath-Related Nouns across Section 5 Folios 356
31.8: Ebb and Flow of Primary Ingredient Categories across Section 5 Folios 357
31.9: Ebb and Flow of Primary Semantic Verb Differentiators across Section 5 Folios 357
31.10: Ebb and Flow of Presumed Sensory Hierarchy and Processing Differentiators across Section 5 Folios 358
31.11: Ebb and Flow of Primary Connectives and Initiators across Section 5 Folios 358
31.12: Top 150 Rosette Line Correlations for Section 5 Paragraphs 359
31.13: Top 20 Section 5 Paragraphs for Each Rosette Line 360
31.14: Highest Ranked Rosette Lines for All 293 Section 5 Text Sequences 366
31.15: Highest Ranked Canister Lines for All 293 Section 5 Text Sequences 373
31.16: Highest Ranked Zodiac Correlations for All 293 Section 5 Text Sequences 380
31.17: Top 20 Section 5 Paragraphs for Each Zodiac 382
31.18: Highest Ranked Zodiacs for All 293 Section 5 Text Sequences 386
31.19: Highest Ranked Balneological Figure Set Correlations for All 293 Section 5 Text Sequences 390
31.20: Top 20 Section 5 Paragraphs for Each Balneological Figure Set 395
31.21: Highest Ranked Balneological Figure Groups for All 293 Section 5 Text Sequences 397
32.1: Plants Lacking Usage Property and Herbal Ingredient Conflicts in Association Validation Tests 405
32.2: Plants Exhibiting Association Conflicts with 1 or More of 10 Selected Usage Properties 406
32.3: Plants Exhibiting Association Conflicts with 1 or More of 5 Selected Herbal Ingredient Properties 407
33.1: Set Definitions Employed in the Equation Notation 412
33.2: Common Set Statistics Represented by Subscripts and Superscripts 412

**Appendix C: Non-Standard Terminology** 409
**Appendix D: Equations and Algorithms** 411
**Appendix E: The Voynich Dictionary** TBD
**Select Bibliography and End Notes for Volume III** TBD

## Volume IV: An Approximate but Complete Translation **TBD**

# Appendix A: Figures

Figure 3.1: Improvements in the Zipf Slope between Versions #3 and #16

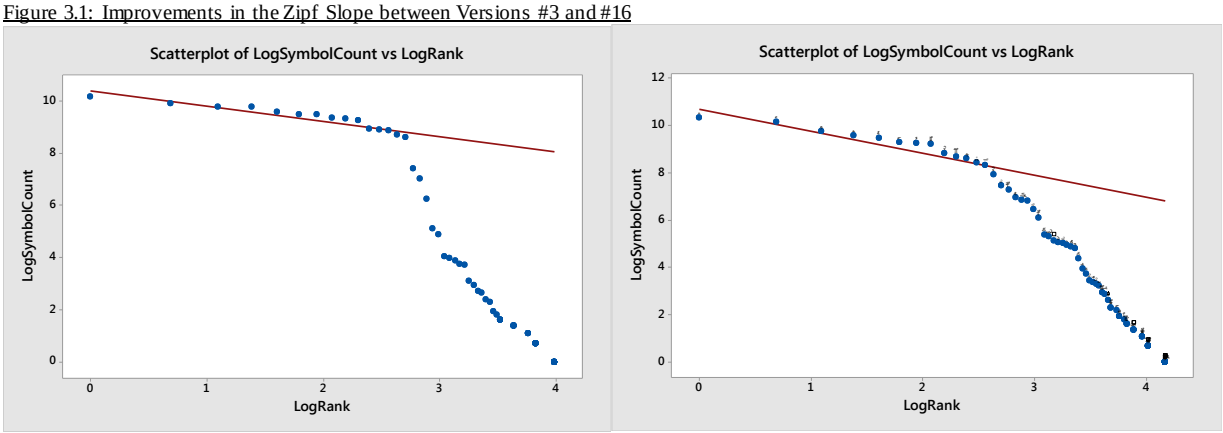



Figure 3.2 Depictions of 3 Uncertain Characters from IsBetaGroup and IsNumeral

| Possible Variant of on f66r | Possible Compounds of with | Dubious Occurrence of in the Rosette Text Rings |
|---|---|---|
| | | |

Figure 3.3: Examples of Dubious Polygraphs Containing the Symbol (i)

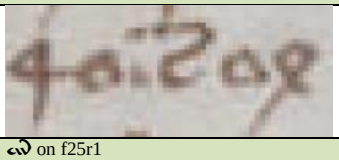
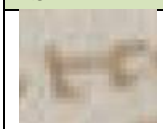
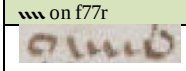
| on f86v6 | | on f58v |
|---|---|---|
| |  | |
| | on f25r1 | 1 of 4 instances of |
|  | | |
| on f77r | on f24v | |
|  | | |

Figure 4.1: Resemblances to an Incomplete and (*cse* and *s*) Ligature in Rosette #4 Outer Ring

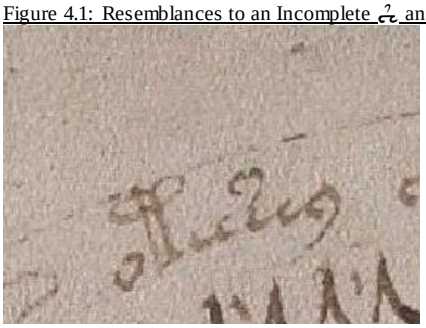


Figure 4.2: Pronounced Inflection Point at (q) in the Zipf Slope of Version #26

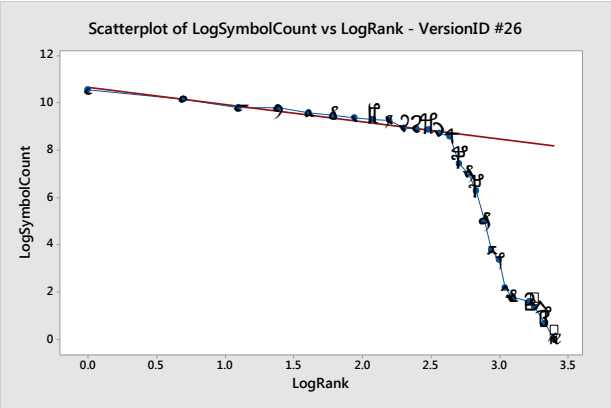



Figure 4.3: Possible Imbalances in and (e and c) in the Count/LogRank Plot of Version #26

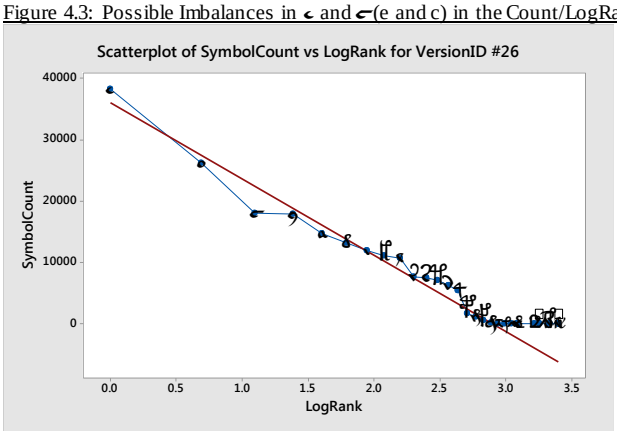



Figure 6.1: "Vitriol" Attachment to Rosette #2 (Later Determined to Be a T-Square Aspect Pattern)

Figure 6.2: Picatrix-Like Attachment to Rosette #6 (Later Determined to Be a Conjunction Symbol)

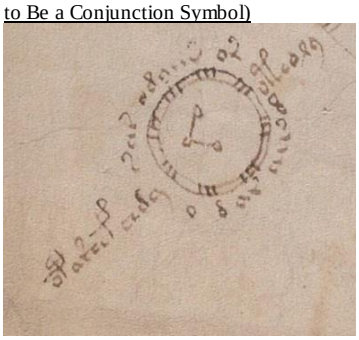
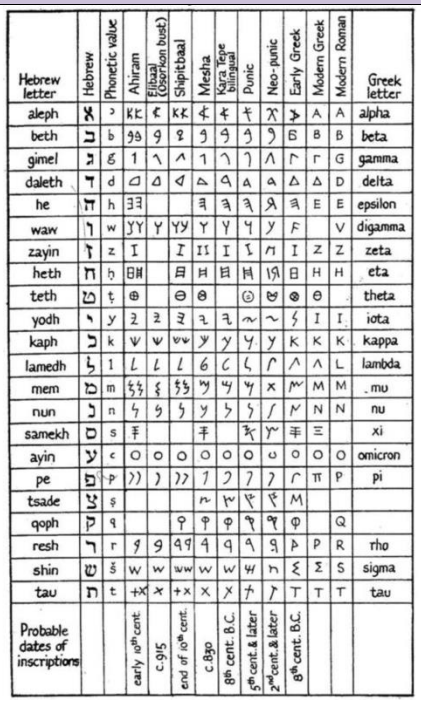


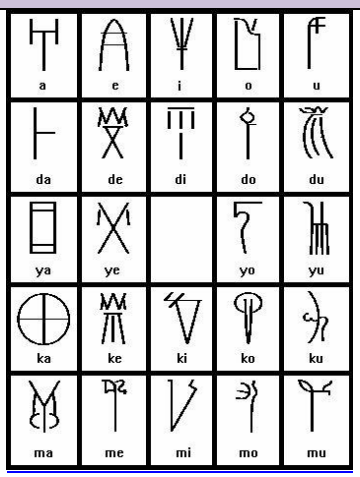
Figure 6.3: Other Alphabets of Interest

**The Evolution of the Phoenician Alphabet in Harden, 1962[1]**

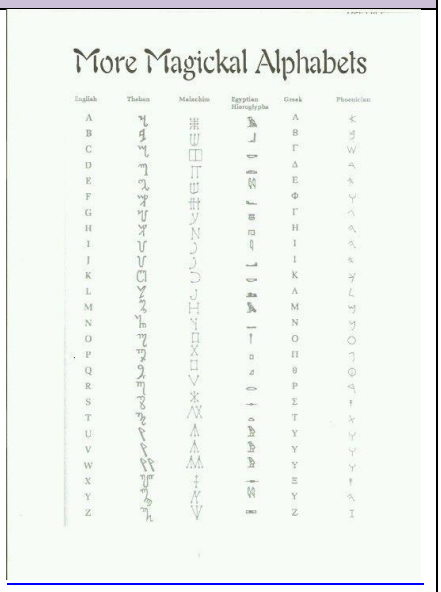


| Hebrew letter | Hebrew | Phonetic value | Ahiram | Elibaal (Osorkon bust) | Shipitbaal | Mesha | Kara Tepe bilingual | Punic | Neo-punic | Early Greek | Modern Greek | Modern Roman | Greek letter |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| aleph | א | ʾ | | | | | | | | | A | A | alpha |
| beth | ב | b | | | | | | | | B | B | B | beta |
| gimel | ג | g | | | | | | | | | Γ | G | gamma |
| daleth | ד | d | | | | | | | | Δ | Δ | D | delta |
| he | ה | h | | | | | | | | | E | E | epsilon |
| waw | ו | w | | | | | | | | | | V | digamma |
| zayin | ז | z | | | | | | | | | Z | Z | zeta |
| heth | ח | ḥ | | | | | | | | | H | H | eta |
| teth | ט | ṭ | | | | | | | | | Θ | | theta |
| yodh | י | y | | | | | | | | | I | I | iota |
| kaph | כ | k | | | | | | | | | K | K | kappa |
| lamedh | ל | l | | | | | | | | | Λ | L | lambda |
| mem | מ | m | | | | | | | | | M | M | mu |
| nun | נ | n | | | | | | | | | N | N | nu |
| samekh | ס | s | | | | | | | | | Ξ | | xi |
| ayin | ע | ʿ | | | | | | | | | O | O | omicron |
| pe | פ | p | | | | | | | | | Π | P | pi |
| tsade | צ | ṣ | | | | | | | | | | | |
| qoph | ק | q | | | | | | | | | | Q | |
| resh | ר | r | | | | | | | | | P | R | rho |
| shin | ש | š | | | | | | | | | Σ | S | sigma |
| tau | ת | t | | | | | | | | | T | T | tau |
| Probable dates of inscriptions | | | early 10th cent. | c.915 | end of 10th cent. | c.850 | 8th cent. B.C. | 5th cent. & later | 2nd cent. & later | 8th cent. B.C. | | | |

**Mu and Me in Linear B[2]**




**Reverse-Pedestaled Characters in Theban Script[3]**

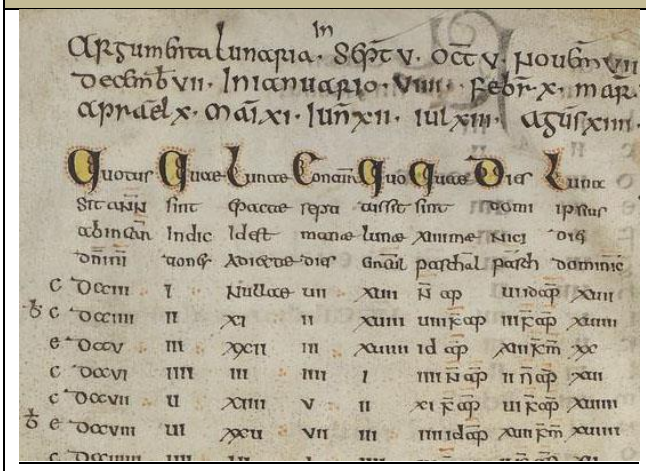



Figures 6.4-7: Instances of Voynich Character Patterns in Other Ancient Documents

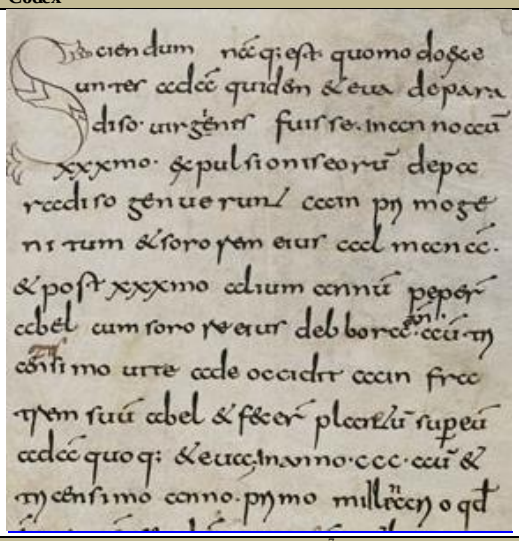
**Consecutive Instances of C in 1 Metonic Diagram**

**Resemblance to f57v dairol in a 9th Century Metonic Cycle Diagram[4]**

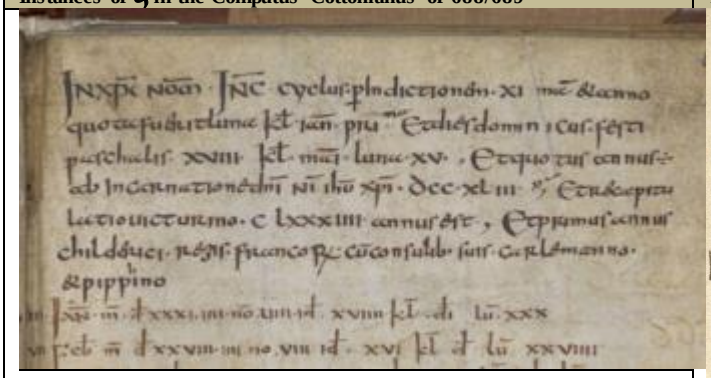
**The Easter Table in the Horologium of St. Willibrord**[5]



**3 Instances of Voynich Letters in the 8th Century St. Gall Codex**



**Instances of ꝗ in the Computus Cottonianus of 688/689**[6]



**The Left Half of Arundel 339 f120v**[7]

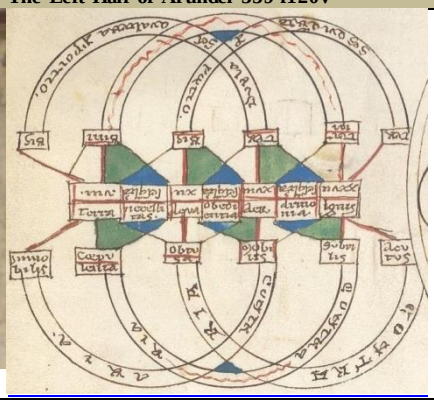
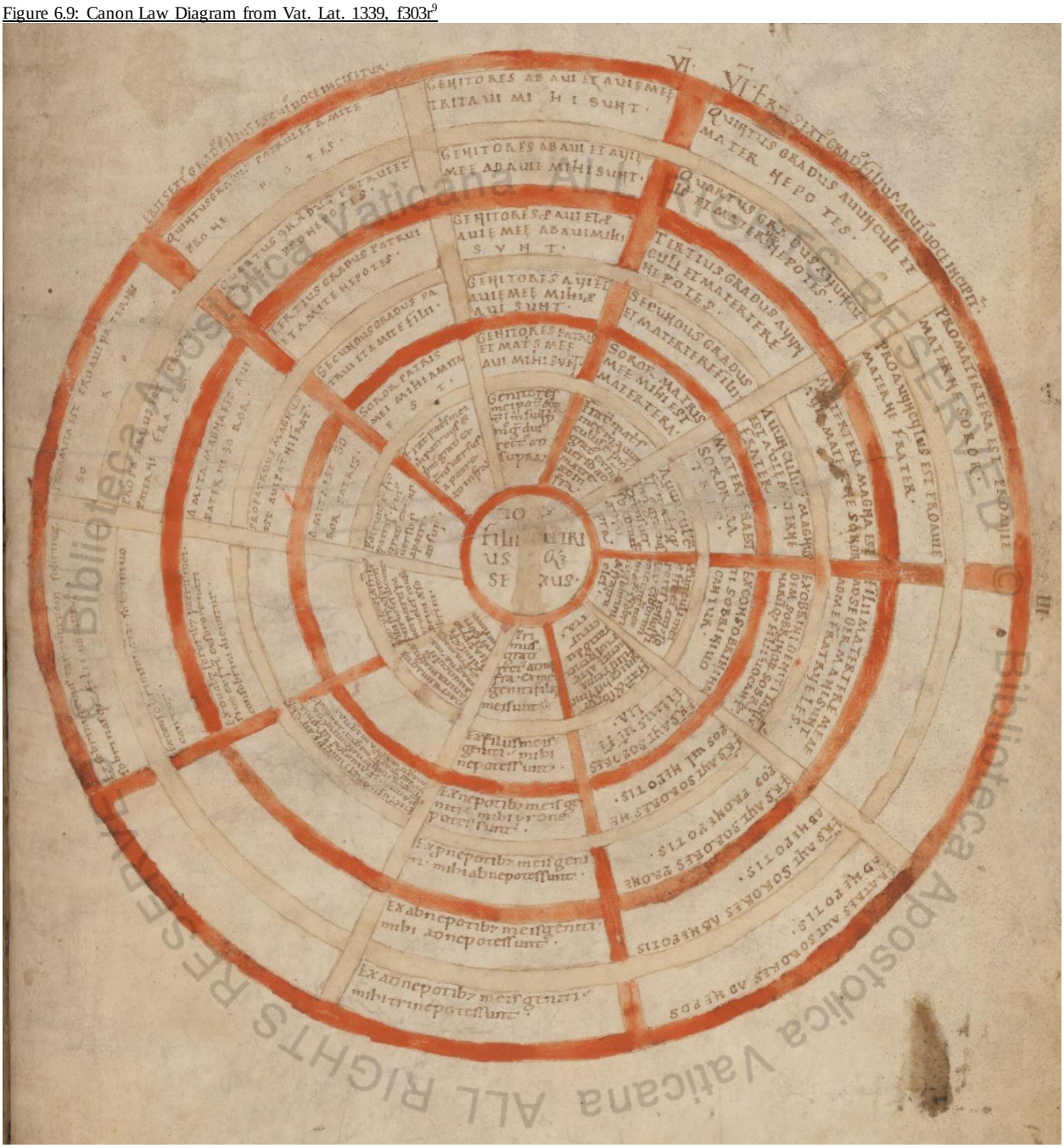


Figure 6.8: Ampersand-Like Symbol in the Easter Tables of *Computus Cottonianus* of 688/689 A.D.[8]

Figure 6.9: Canon Law Diagram from Vat. Lat. 1339, f303r[9]




Biblioteca Apostolica Vaticana All Rights Reserved

Figure 6.10: *Aries Facit Calorem Temperatum* on f80r of Astronomisch-Astrologische Sammelhandschrift[10]

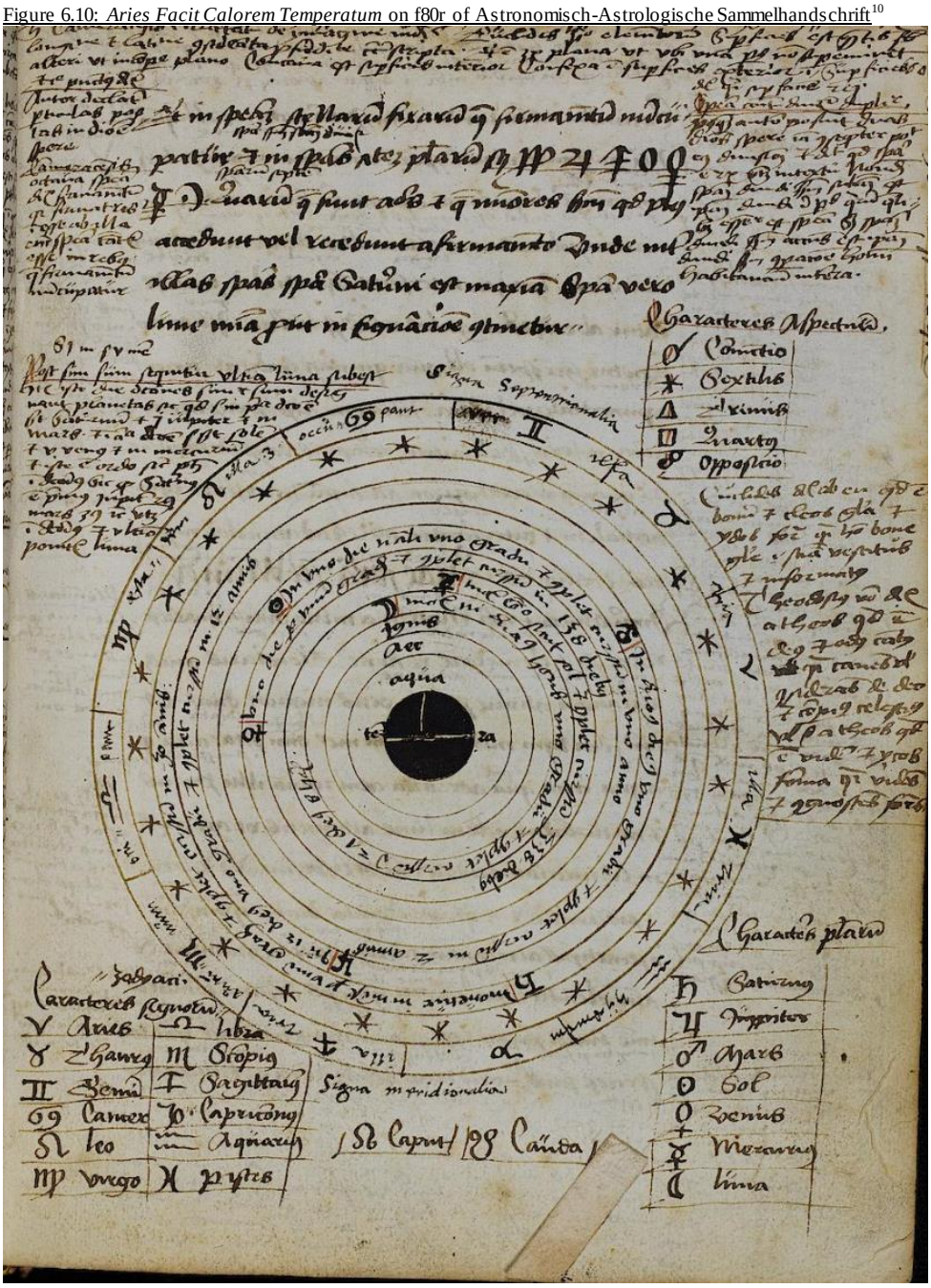


Figure 6.11: Similar Ligatures in the Life of St. Gall.[11]

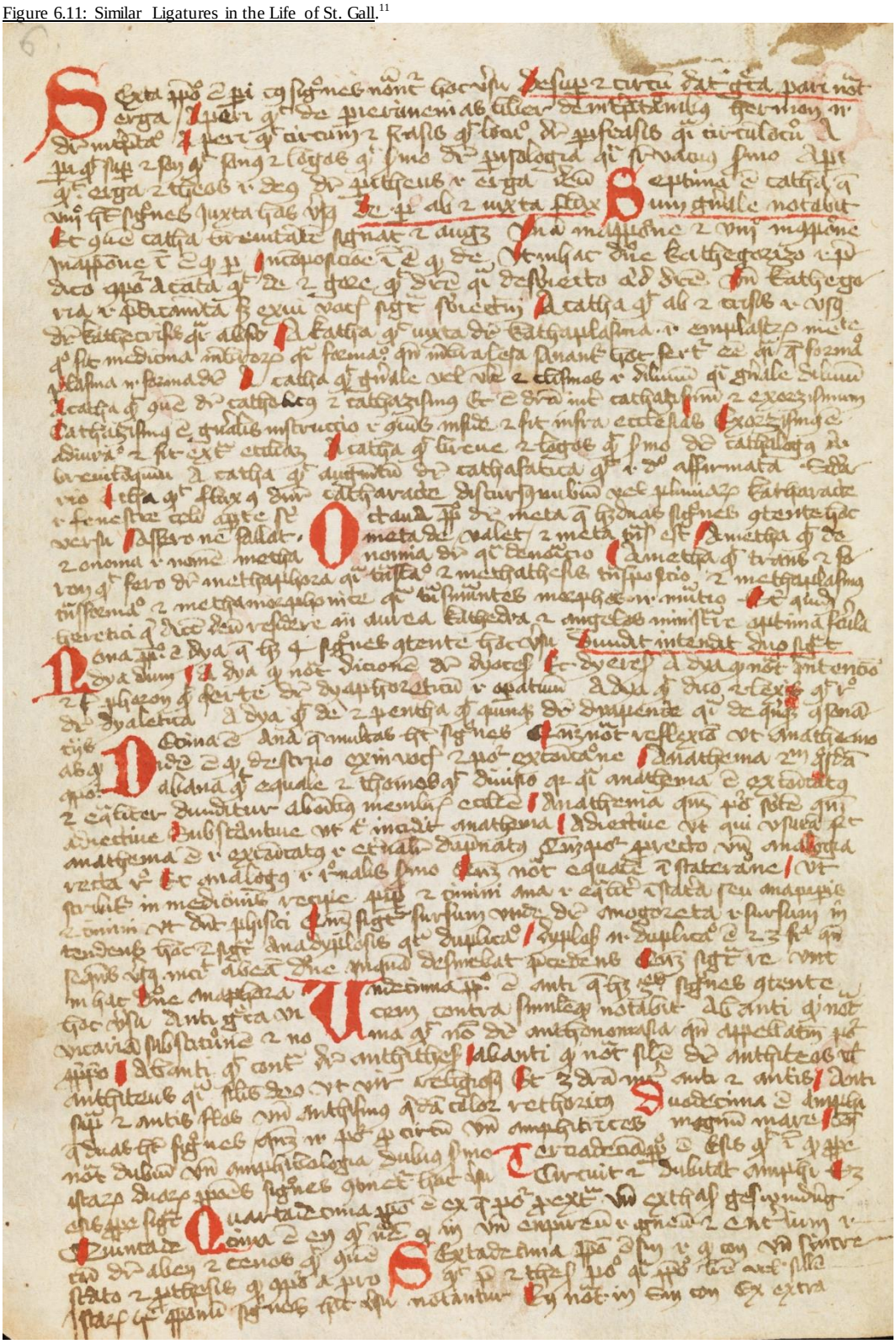


Figure 6.12: Ligatures and Voynich Characters in Petrus de Candia's *Commentary on the Sentences*, c. 1380-1389[12]

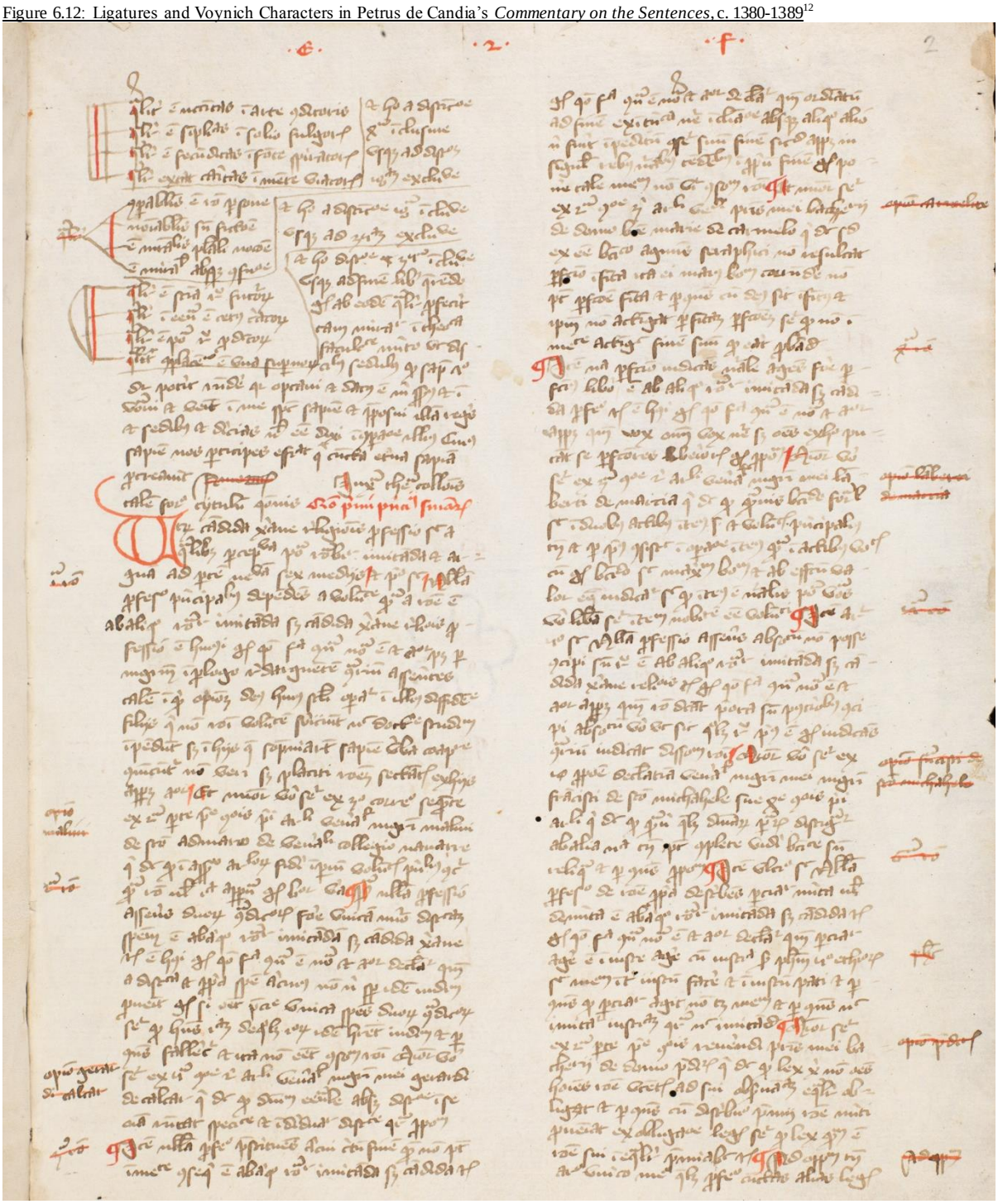


Figure 6.13: Ligatures and Voynich-Like Characters in *Recueil Composite Constitué de Deux Manuscrits*[13]

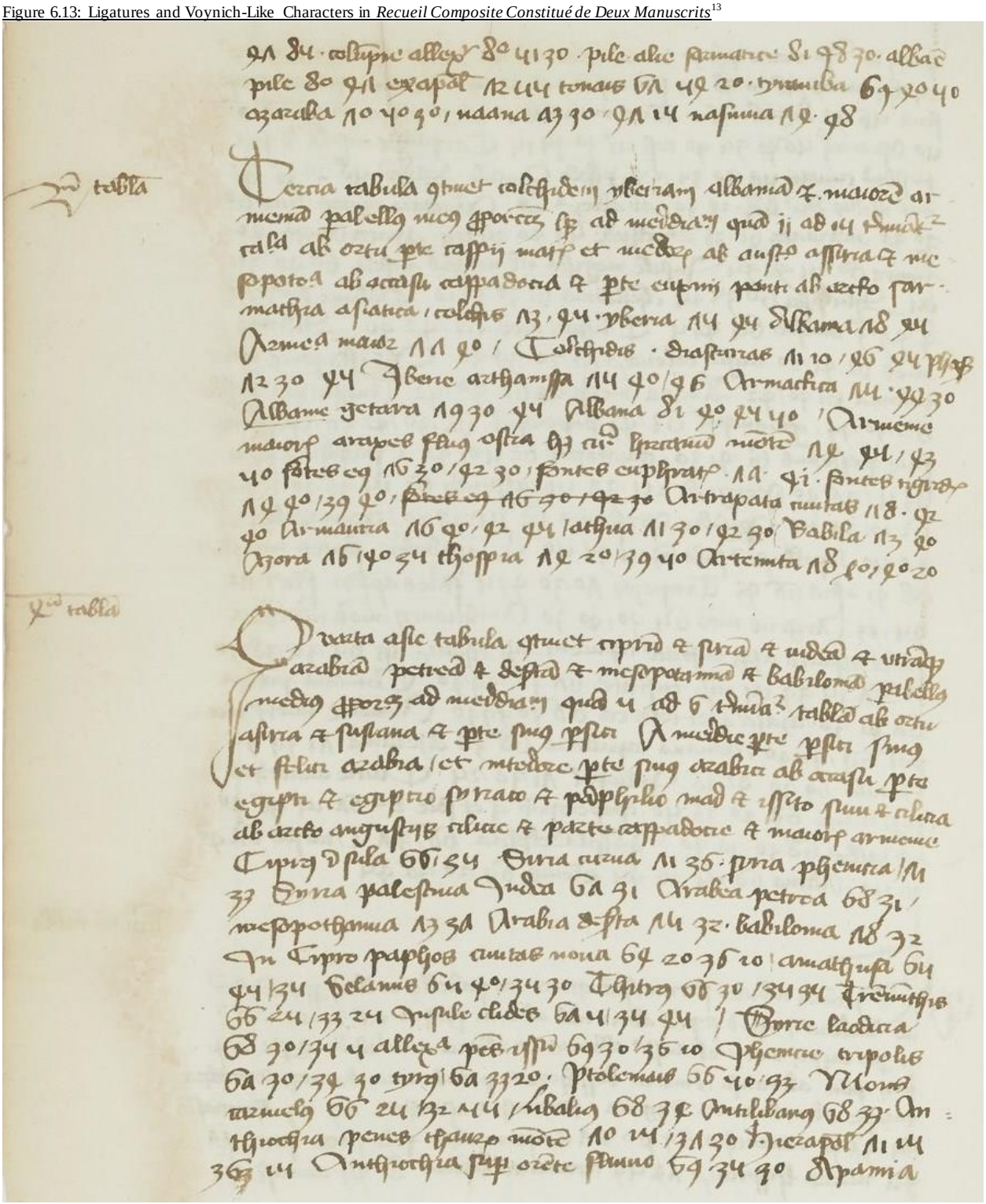


Figure 6.14: Characters of Interest in the Scholarly Theological Treatise Vat. lat. 869[14]

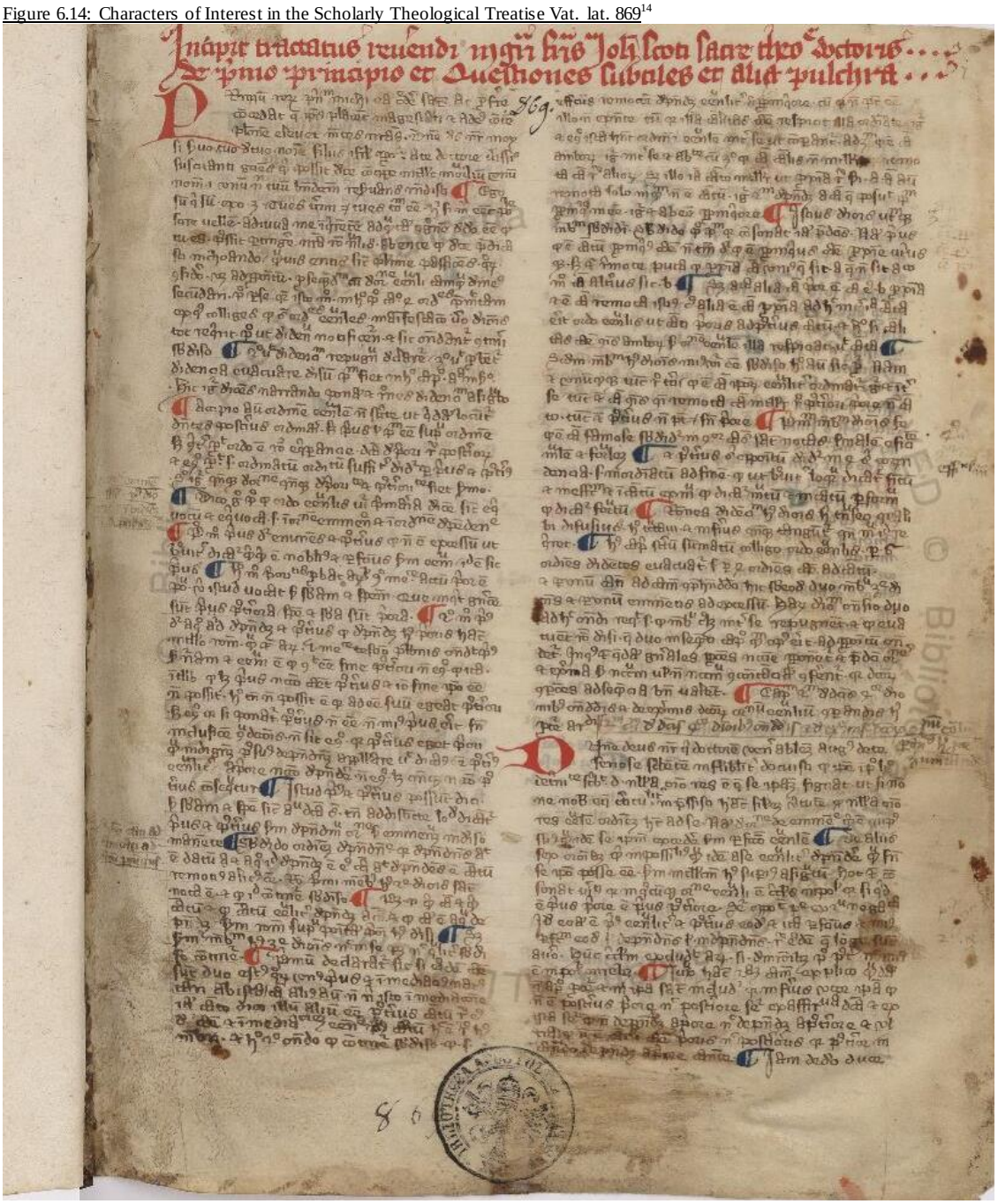


Figure 6.15: Comparisons of Symbol Frequency Peaks for Versions #29, #52 and English

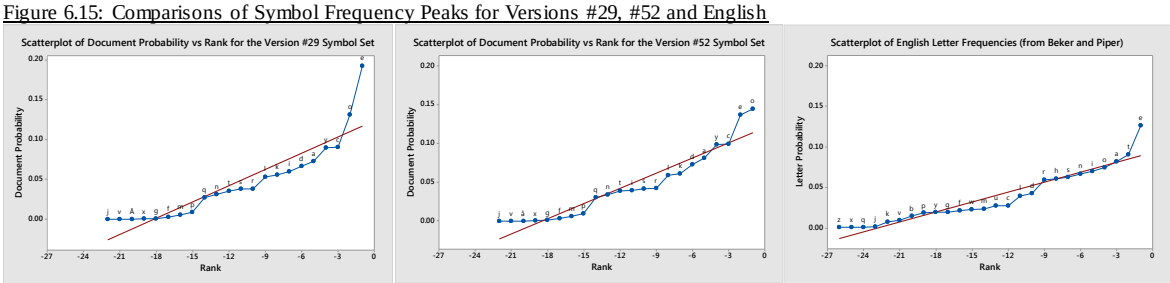



Figure 6.16: Comparisons of Word Frequency Peaks for Versions #29, #52 and 4 Sources with Relevant Topics, Translated into English

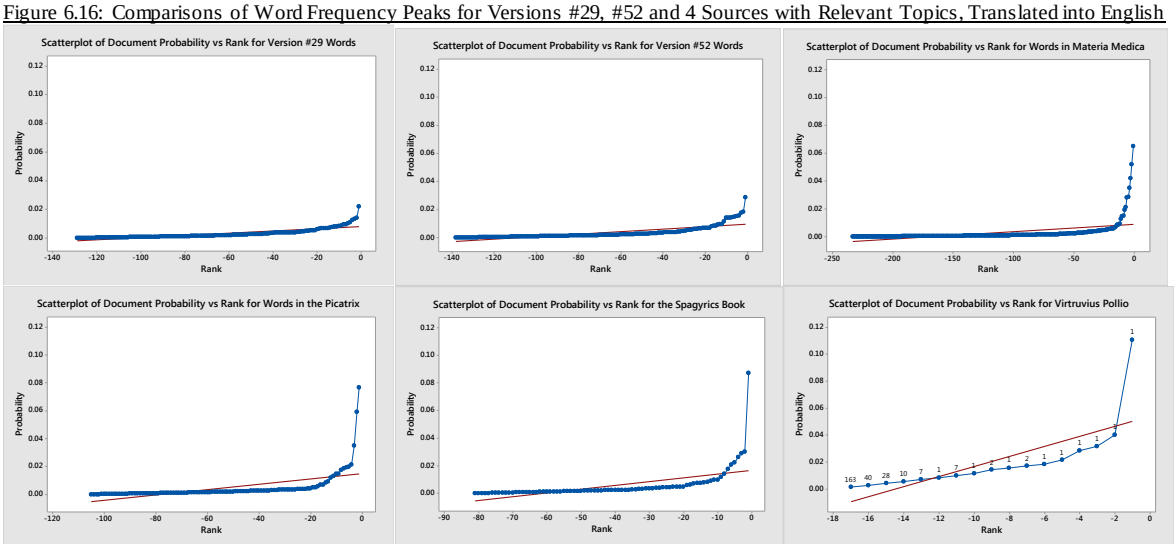



Figure 6.17: Cumulative Distribution Fits for Versions #29, #52 and 4 Sources with Relevant Topics, Translated into English

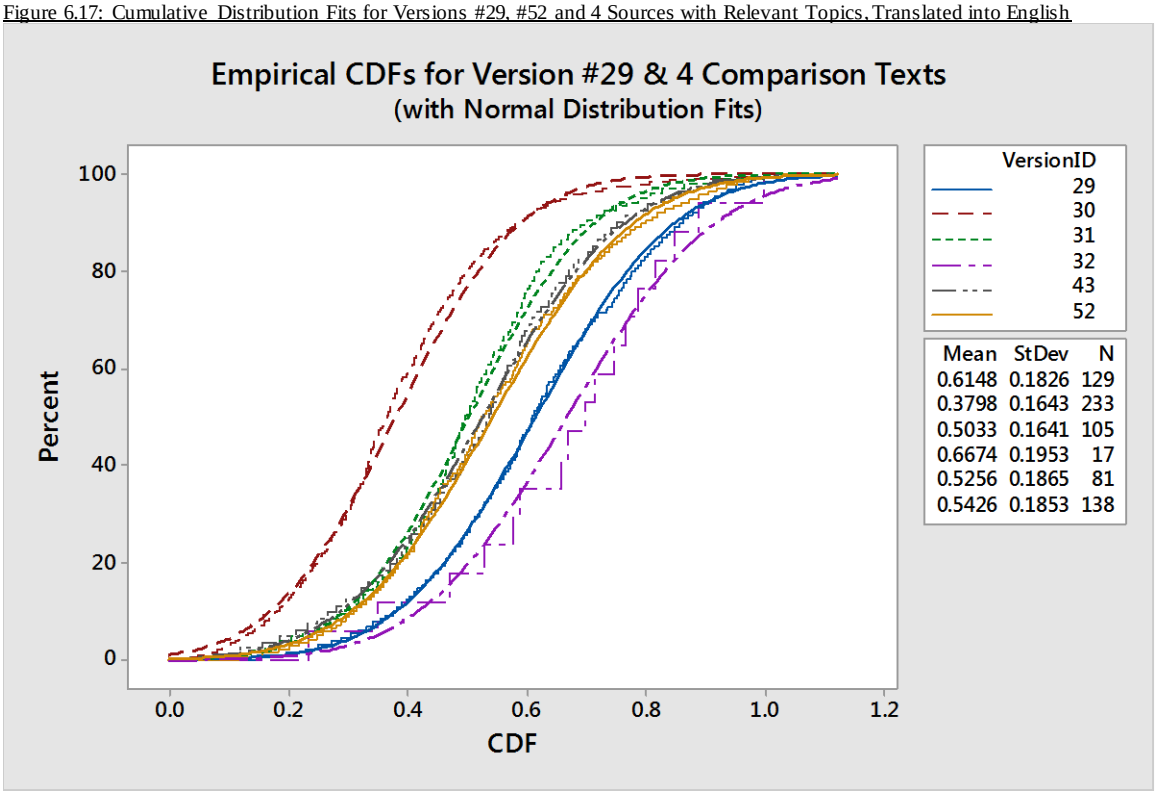


Figure 7.1: Overlap in the Distributions of Polygraphs and Words By Length

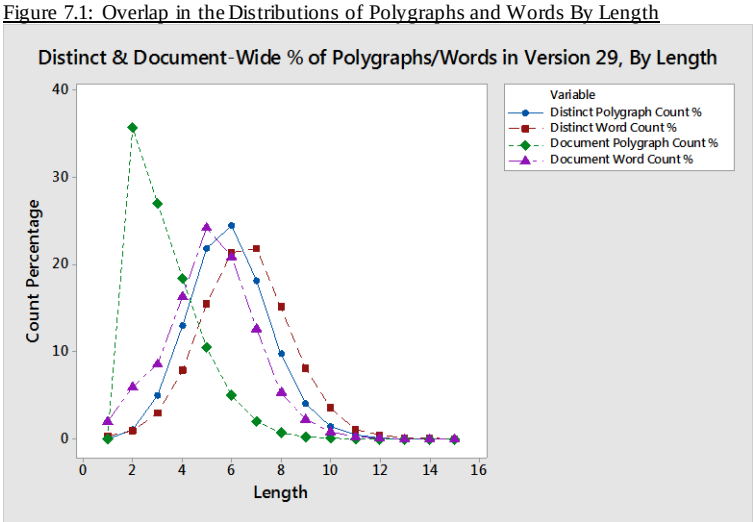



Figure 12.1: Part-of-Speech Heat Map for the 100 Most Frequent Words of 6 Natural Languages

| Part Of Speech | All | Russian | German | French | Spanish | Latin | English |
|---|---|---|---|---|---|---|---|
| Adposition | 19.149 | 21.588 | 20.391 | 16.91 | 16.486 | 12.534 | 16.676 |
| Verb | 11.352 | 11.486 | 17.058 | 17.818 | 11.67 | 9.148 | 18.029 |
| Personal Pronoun | 10.838 | 8.514 | 12.016 | 9.17 | 5.632 | 6.144 | 10.583 |
| Noun | 9.162 | 14.05 | 8.166 | 12.537 | 9.148 | 23.709 | 9.891 |
| Coordinating Conjunction | 7.95 | 4.889 | 5.443 | 3.024 | 5.019 | 16.068 | 3.101 |
| Adjective | 7.454 | 3.931 | 9.226 | 9.916 | 5.637 | 8.369 | 6.535 |
| Relative/Interrogative Pronoun | 7.11 | 10.137 | 4.72 | 8.865 | 7.48 | 1.297 | 0 |
| Possessive Pronoun | 5.229 | 3.598 | 3.355 | 4.33 | 3.43 | 4.316 | 7.005 |
| Adverb | 5.199 | 6.243 | 5.443 | 4.464 | 3.486 | 0.69 | 7.402 |
| Quantifier | 3.881 | 4.187 | 5.054 | 4.488 | 6.696 | 2.751 | 3.796 |
| Subordinating Conjunction | 2.422 | 2.139 | 3.403 | 1.337 | 3.242 | 1.104 | 2.384 |
| Negation | 2.245 | 3.989 | 1.326 | 3.509 | 2.095 | 0.988 | 2.112 |
| Number | 2.194 | 1.663 | 1.883 | 2.208 | 3.201 | 0.339 | 1.937 |
| Demonstrative Pronoun | 1.933 | 2.275 | 0.851 | 0.955 | 2.929 | 2 | 1.944 |
| Definite Article | 1.901 | 0 | 0 | 0 | 6.084 | 1.107 | 1.174 |
| Reflexive Pronoun | 1.392 | 1.31 | 1.963 | 0.47 | 1.218 | 1.947 | 5.209 |
| Indefinite Article | 0.587 | 0 | 0 | 0 | 2.199 | 0 | 2.221 |
| Adjective + Demonstrative Pronoun | 0 | 0 | 0 | 0 | 1.023 | 0 | 0 |
| Conjunction + Pronoun | 0 | 0 | 4.493 | 0 | 0 | 0.36 | 0 |
| Interjection | 0 | 0 | 0 | 0 | 0 | 0.84 | 0 |
| Adposition + Article | 0 | 0 | 0 | 0 | 1.177 | 1.044 | 0 |
| Adposition + Pronoun | 0 | 0 | 0.652 | 0 | 0 | 0 | 0 |
| Pronoun + Verb | 0 | 0 | 0 | 0 | 2.148 | 5.244 | 0 |
| Relative/Interrogative Pronoun + Verb | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Figure 14.1: Examples Drawn from the Cross Product of Affix Types, Coding Methods and Base Roles for [ao] Connectives (in the Lifetime of Version #29)

#5 (Current Working Hypothesis)

| | |
|---|---|
| [ao][lr] | prepositions first choice (then conjunctions, then pronouns) |
| am | preposition or pronoun |
| $ai^{-4}n$ | auxiliary verbs |
| om | ? |
| $oi^{-4}n$ | ? |
| [ao][fptk] | ? |
| [ao][ds] | ? |

#3, 4 and 7b ([ao] split + Semantic Bases)

| | |
|---|---|
| verbs | nouns ← pronouns |
| a[lr] | o[lr] |
| $ai^{-4}n$ | $oi^{-4}n$ |
| am | om |
| a[fptk] | o[fptk] |
| a[ds] | o[ds] |

#8 Consistent Mapping of Last Letters as Part-of-Speech Determinants

| | |
|---|---|
| [ao][lr] | prepositions first choice (then conjunctions, then pronouns) |
| [ao]m | nouns ← pronouns |
| $[ao]i^{-4}n$ | auxiliary verbs |
| [ao][ds] | Part of Speech #4 (adjectives \| adverbs \| numbers \| quantifiers \| conjunctions) |
| [ao][fptk] | Part of Speech #5 (adjectives \| adverbs \| numbers \| quantifiers \| conjunctions) |

Example of Vertical + Horizontal Splitting

| | |
|---|---|
| a[lr] | o[lr] |
| $ai^{-4}n$ | $oi^{-4}n$ |
| [ao]m | Prepositions |
| [ao][fptk] | Conjunctions |
| a[ds] | o[ds] |

#6 One vast group, either verb-coded or noun-coded

| | |
|---|---|
| $[ao]i^{-4}$[fptkdlrsmn] | auxiliary verbs or pronouns |

.

Figure 15.1: The 9-Slot Recursive Text-Generation Method

| | | | | | |
|---|---|---|---|---|---|
| Optional Outer Noun Modifiers | Stages Prefixable by Outer [fptk]- | | | | Suffixes |
| | Stages Prefixable by [dlrs]- & [dlrs][fptk]- extensions | | | | |
| | Stages Prefixable by $(c \mid c[s \mid fptk \mid b] + e^{0-4})^3$ | | | | |
| | Preceding [yo] + a | Recursive Derivational Markers + i-Enumerators + Semantic Bases | | | |
| | | $([ao]i^{0-4} + [dlrsmgj \mid fptk \mid n \mid x \mid y])^4$ | | | |
| | | Derivational Markers + i-Enumerators | | Semantic Bases | |
| [yo] + q | [yo] slot substitutions + a-prefixes<br>$[yo]e^{0-4}$[fptk \| dlrs] extensions<br>a[fptk \| dlrs] extensions | $[ao]i^{0-4}$ | | [dlrsmgj \| fptk \| n \| x \| y] | $[yo] \mid [dlrsmg]^4$ + a? |
| | | Derivational Markers | i-Infix Slot Enumerators | | |
| | | [ao] | $i^{0-4}$ | | |

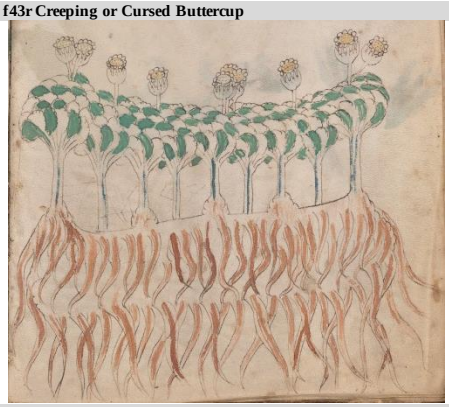
Figure 15.2: Slot-and-Filler Diagram of Navajo Grammar[15]

| Disjunct Prefixes | | | | | Conjunct Prefixes | | | | | | Stem |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1a | 1b | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Postposition Object | Null Postposition | Adverbial/ Thematic | Iterative | Plural | Direct Object | Deictic | Adverbial/Thematic | Mode/Aspect | Subject | Classifier | Stem |

Figure 19.1: Visual Comparison of the 5 Core "Flatbed" Members

**f39r Fumitory #1**

**f43r Creeping or Cursed Buttercup**

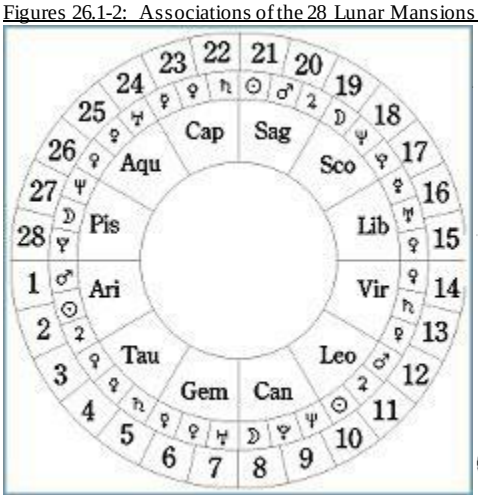


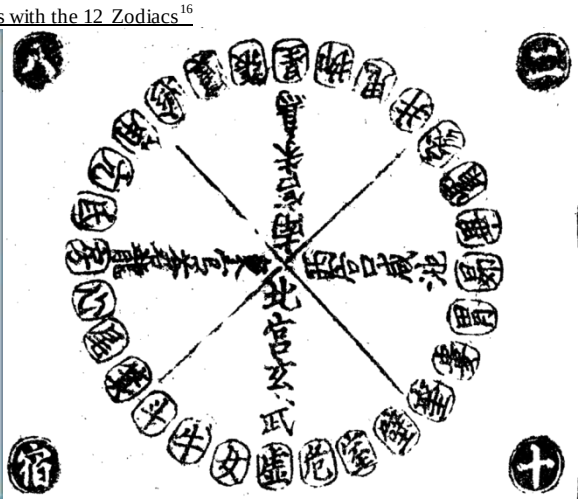
**f46r Flea Seed (Plantago/Plantain Composite)**

**f55r Geranium/Herb Robert**

**f95r2 Fumitory #2**

Figures 26.1-2: Associations of the 28 Lunar Mansions with the 12 Zodiacs[16]



Figures 26.3-5: Lunar Phase Diagrams[17]

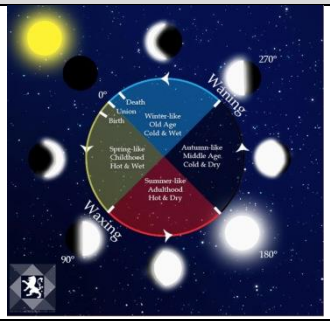
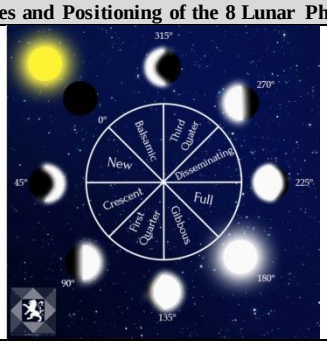
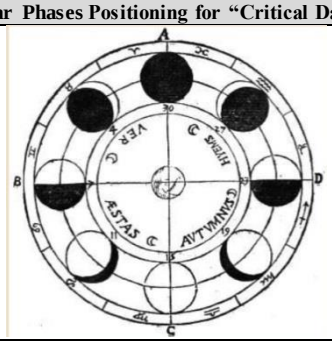
| The 8 Lunar Phases and 4 Seasons | Angles and Positioning of the 8 Lunar Phases | Lunar Phases Positioning for "Critical Days" |
|---|---|---|
|  |  |  |







Figure 26.6: LJS 443 f20v circa 1420[18]

Figure 26.7: LJS 443 f206v circa 1420

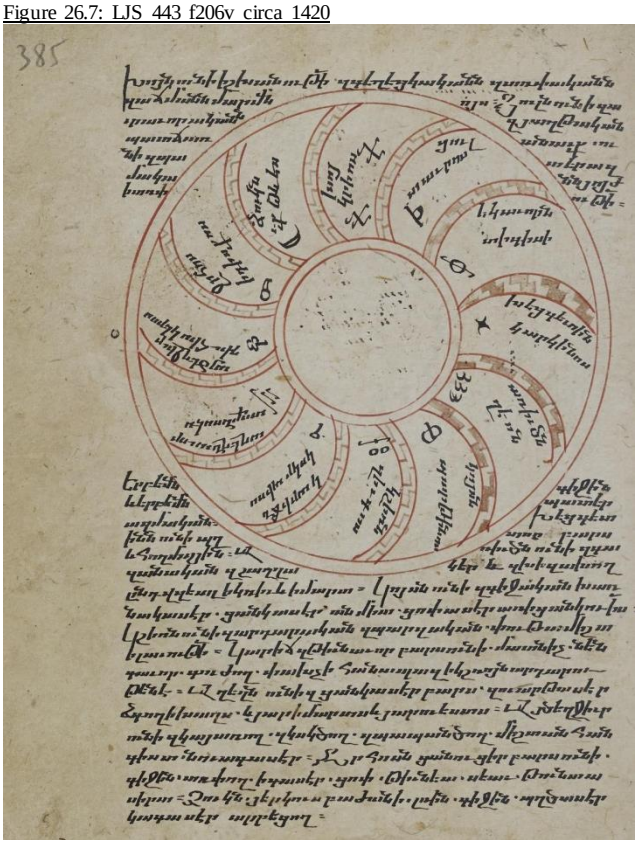


Figure 26.8: LJS 443 f209r circa 1420

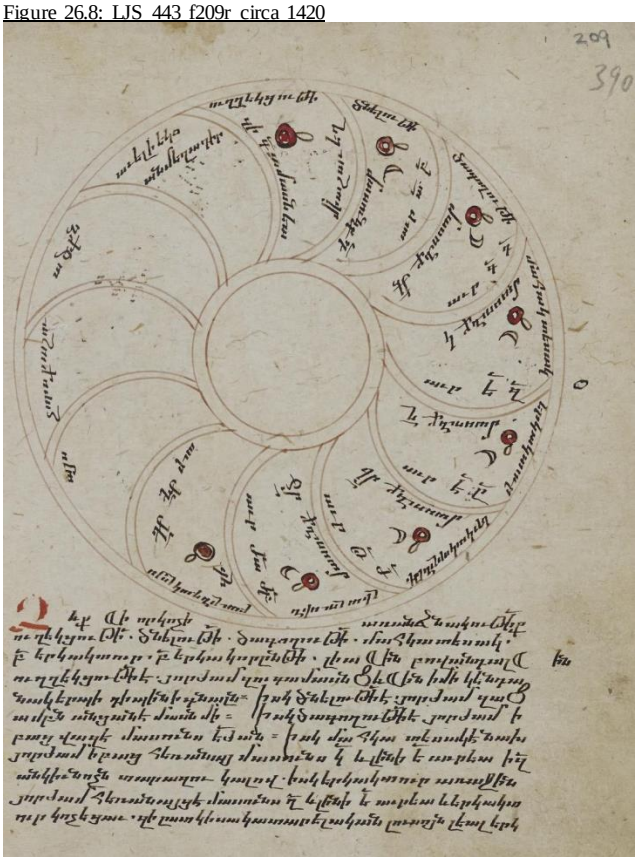


Figure 26.9: LJS 443 f209v circa 1420

Figure 26.10: LJS 443 f210r circa 1420

Figure 26.11: LJS 443 f204r, circa 1420

Figure 26.12: T-O Map, Cryptograms and Alphabets of Interest in St. John's MS 17[19]

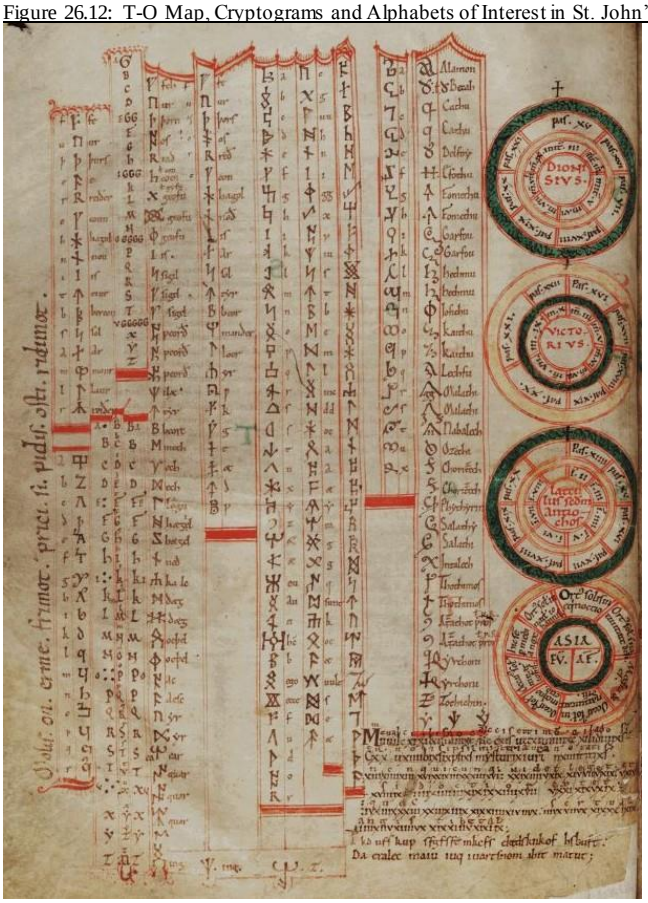


Figure 26.13: 8-Pointed Star of Venus in Bellesguard Castle[20]

Figure 26.14: Octagram Tile Reminiscent of f70r2[21]

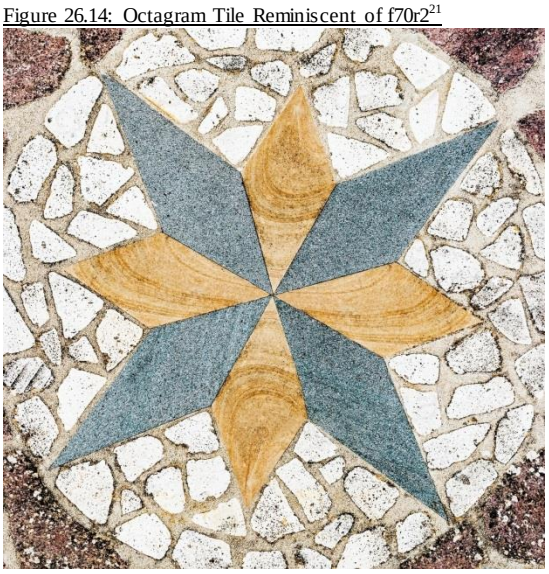
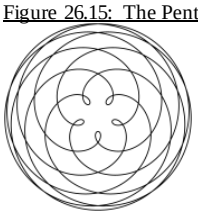


Figure 26.15: The Pentagram of Venus[22]



Figures 26:16-17: 9-Pointed Stars Potentially Relevant to f70r1[23]

**"The Design of the Year"**

Fig. 8. The Design of the Year

**"The Types of Humanity"**

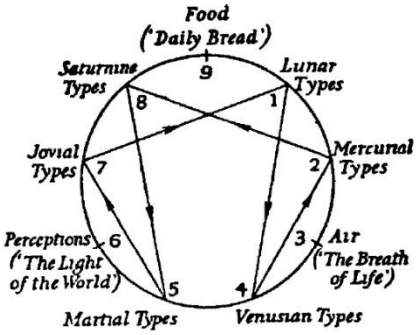



Fig. 12: The Types of Humanity

Figure 27.1-5: Personifications of the 7 Planets in Medieval Manuscripts

**Figure 27.1: Depictions of the Planets in a English Shepherd's Calendar, c. 1500[24]**

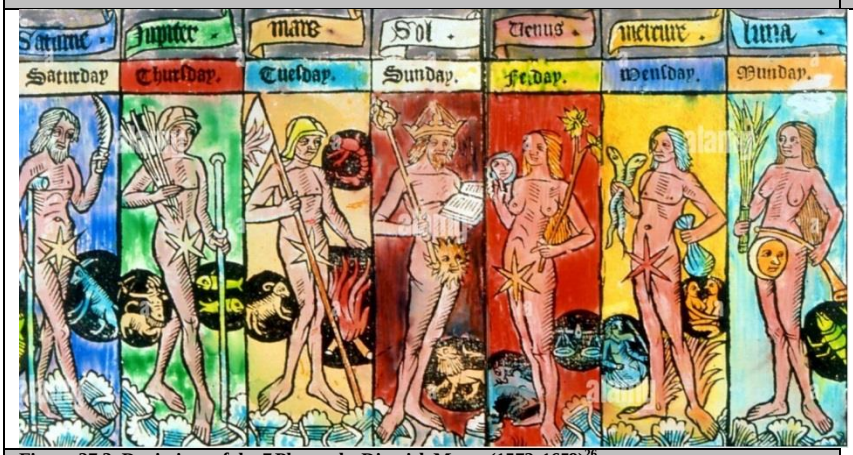



**Figure 27.2: Personification of Luna in a 1445 German Calendar[25]**

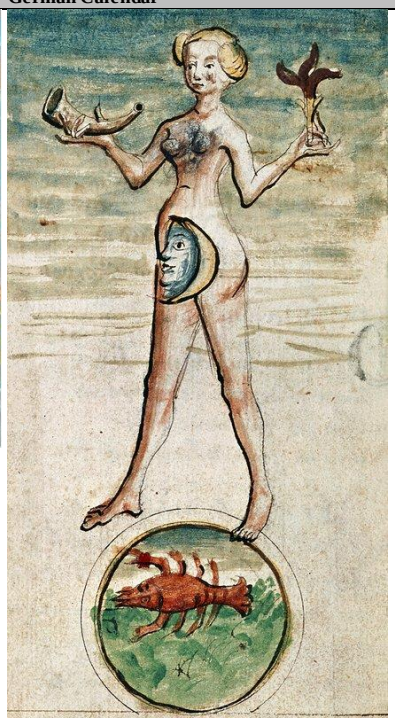


**Figure 27.3: Depictions of the 7 Planets by Dietrich Meyer (1572-1658)[26]**

**Figure 27.4: The 7 Planets in Frisian Artwork c. 1524-1612[27]**

**Figure 27.5: Unsourced Depiction of the 7 Planets[28]**

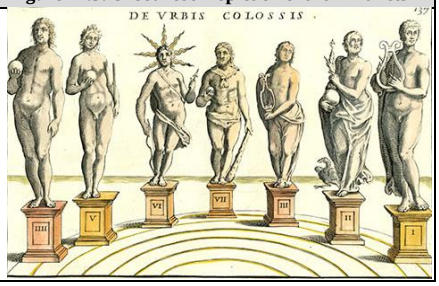


Figure 27.6: Medical Astrology Rota Produced c. 1410 in Southern Germany, Depicting a Circular Order of the 7 Planets [29]

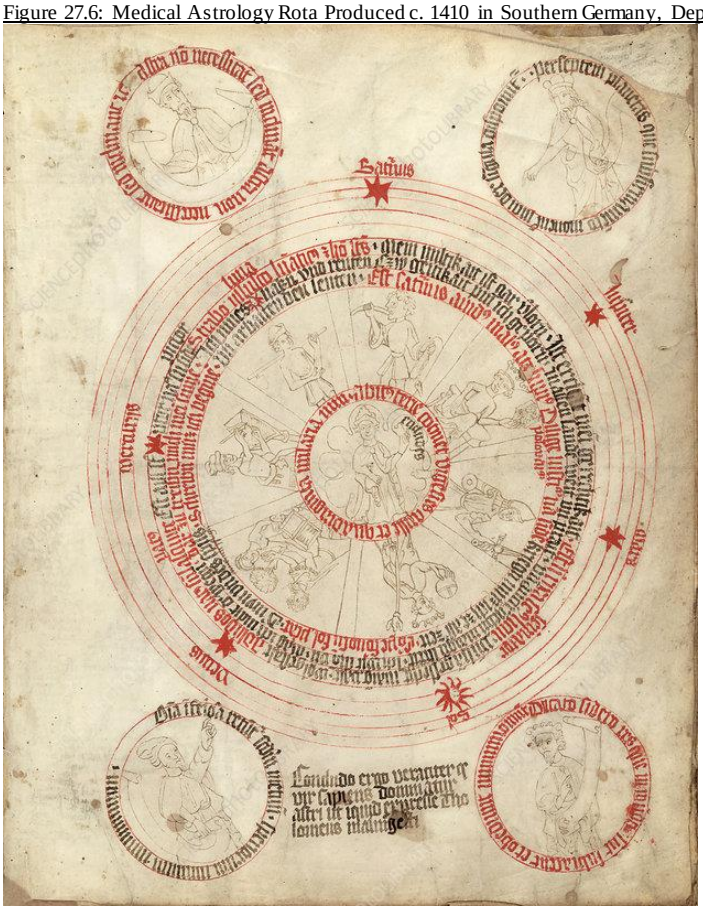


Figure 27.7: Alternate Zodiac-Body Part Mappings Showing Aries Governing the Feet and Toes [30]

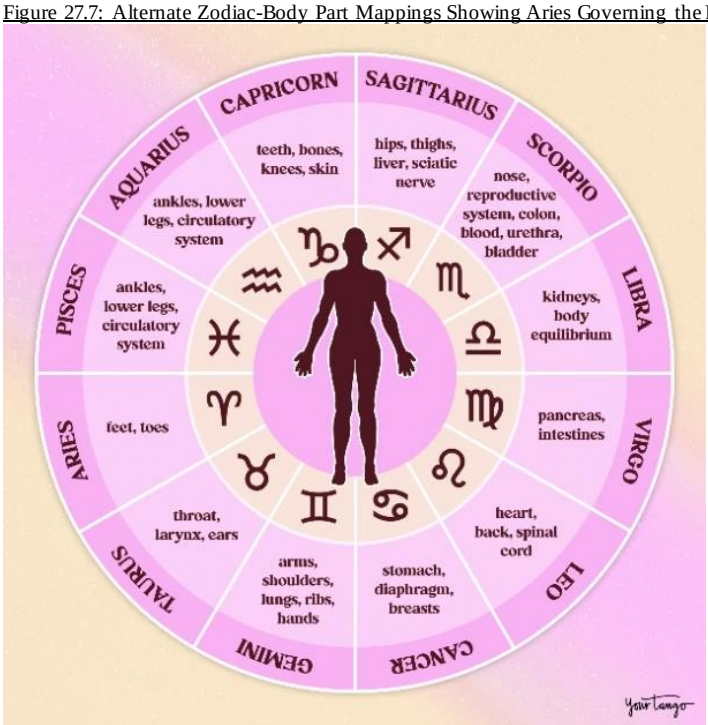


Figure 28.1 Excerpt from Peter of Poitiers' Universal History Diagram[31]

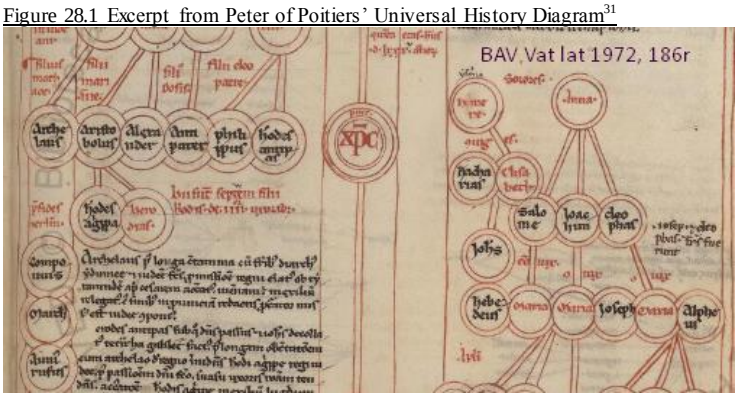



Figure 28.2: Byrhtferth's Diagram on f7v of MS 17 St. John's[32]

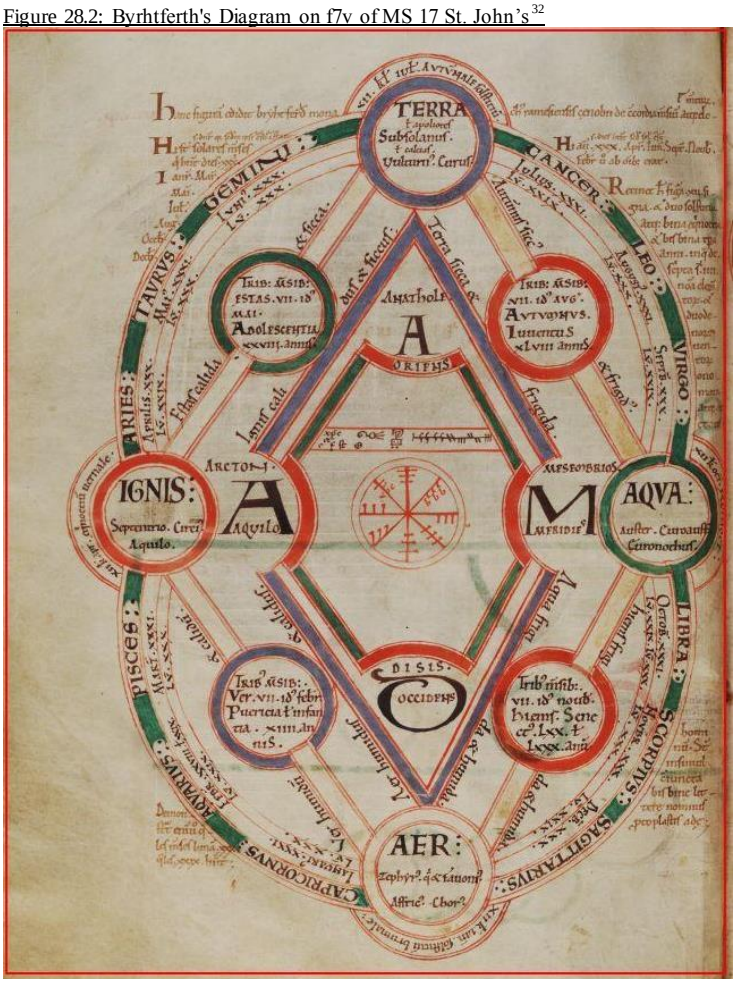


Figure 28.3: Simple Diagram of the 4 Elements Connected by "Bridges" in Digby 107[33]

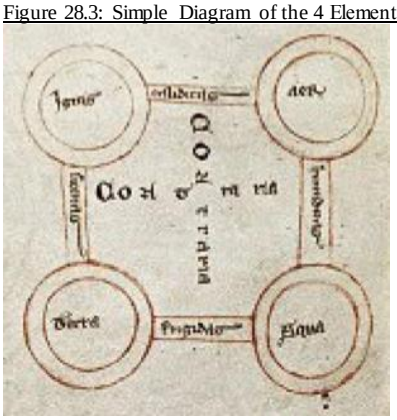


Figure 28.4: The 4 Elements in Morgan B27, Featuring a Flower-Like Design Like That at the Center of f57v[34]

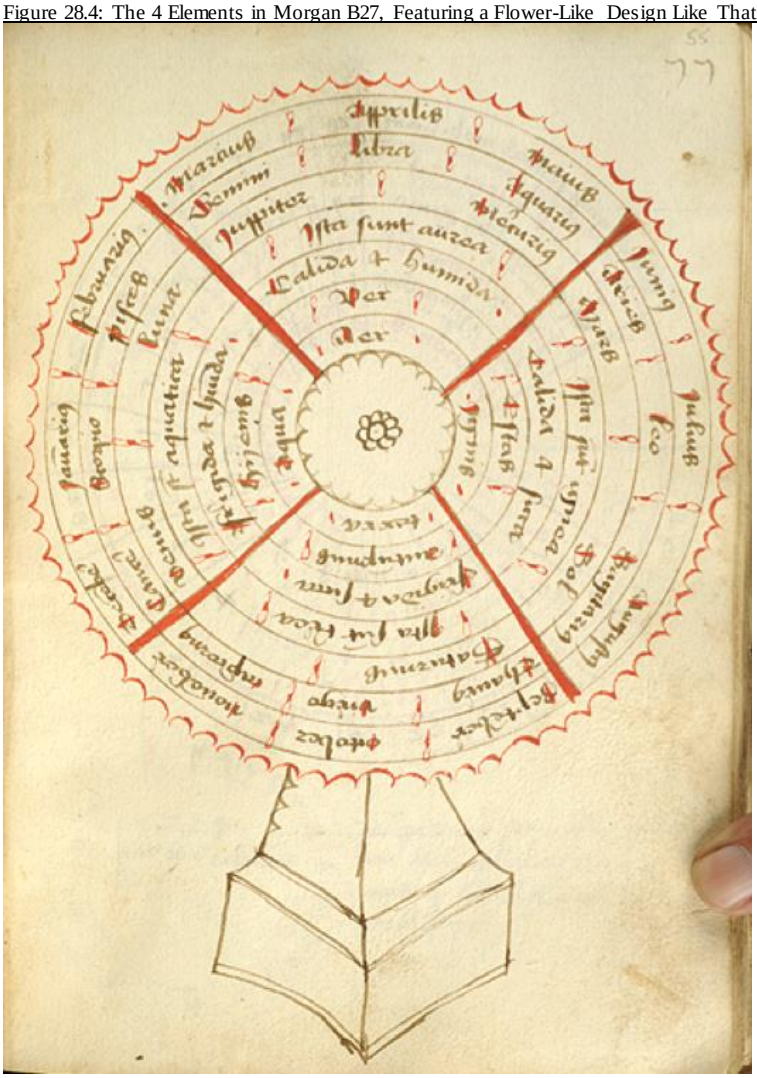


Figure 28.5: Diagram of the 4 Humors, 4 Temperaments, 4 Seasons and 7 Planets in MS B.27 (c.1450–1475)[35]

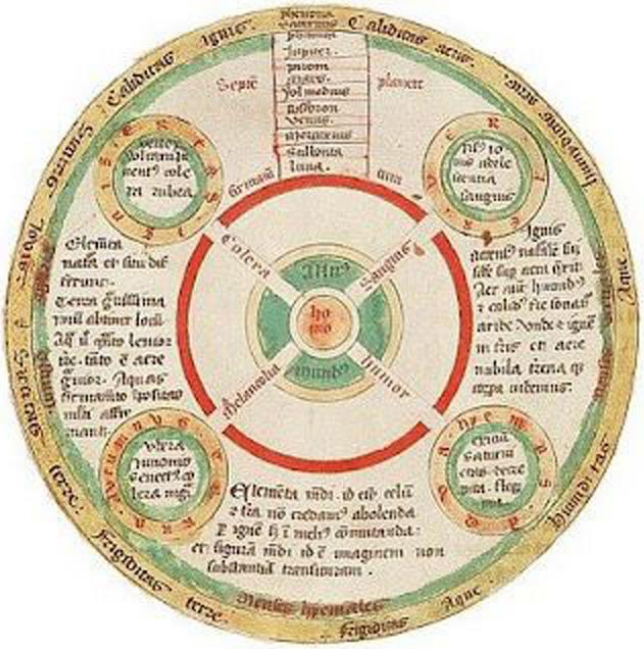


Figure 28.6: 4 Diagrams of the Elements and Humors Cited at J.K. Petersen's Blog[36]

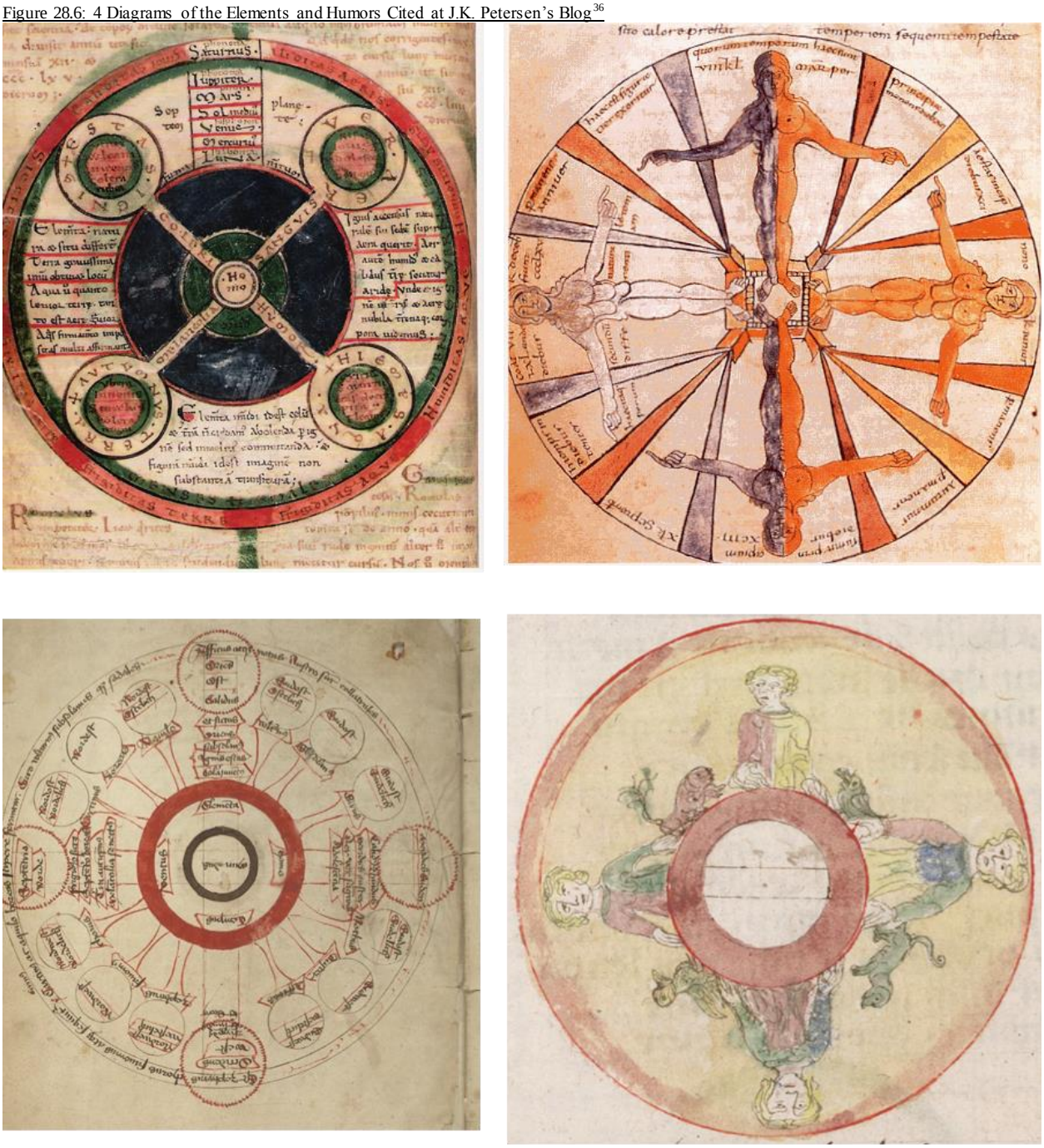


Figure 28.7: Two Versions of a Diagram of the 4 Seasons in the 14th Century *Le Breviari d'Amors*[37]

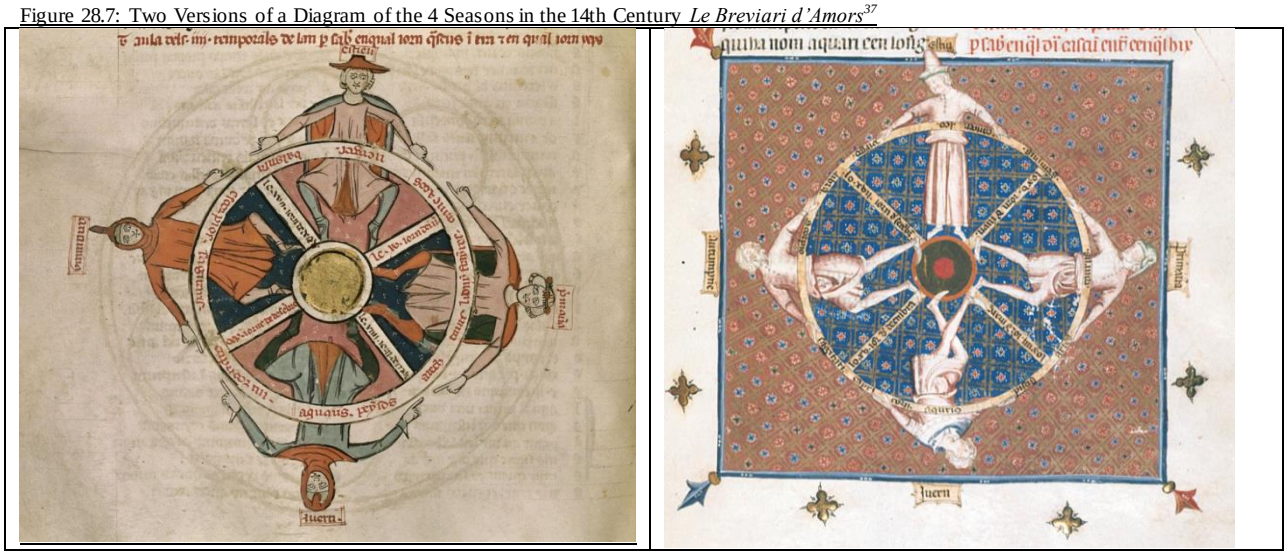
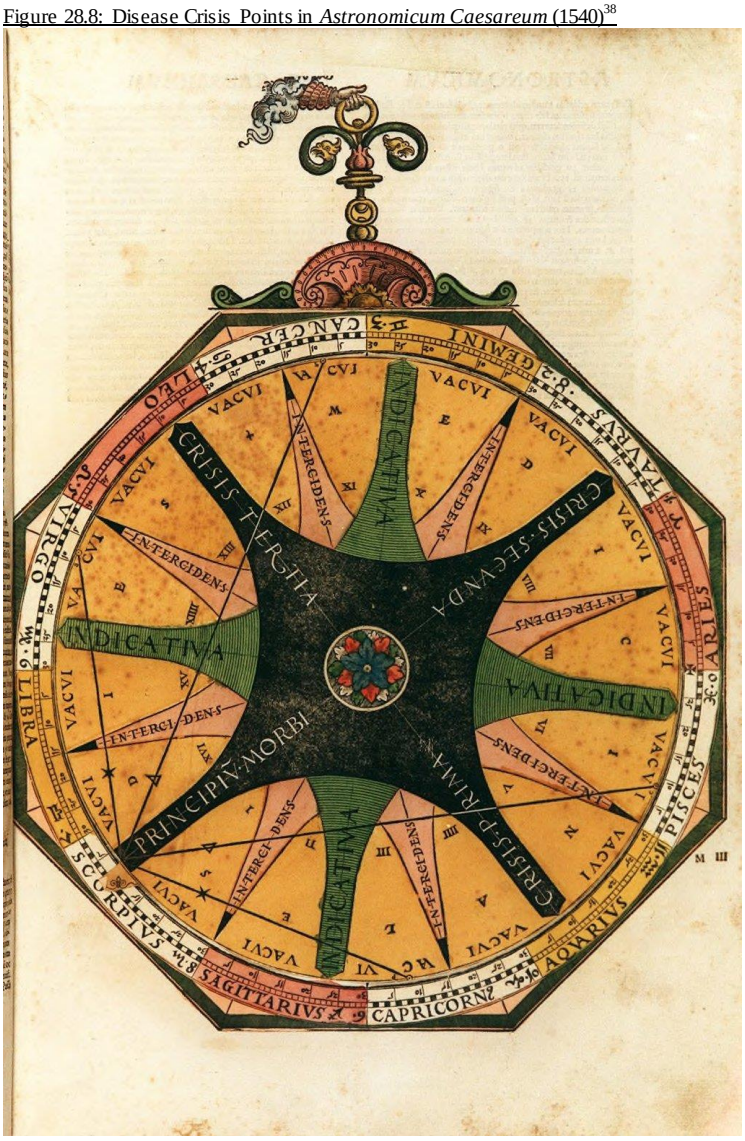


Figure 28.8: Disease Crisis Points in *Astronomicum Caesareum* (1540)[38]



# Appendix B: Tables

Table 1.1: Comparison of 2 Voynich Fonts

| English | Voynich | | Voynich EVA Hand A | |
|---|---|---|---|---|
| | Lower Case | Upper Case | Lower Case | Upper Case |
| q | | | | |
| w | | | | |
| e | | | | |
| r | | | | |
| t | | | | |
| y | | | | |
| u | | | | |
| i | | | | |
| o | | | | |
| p | | | | |
| a | | | | |
| s | | | | |
| d | | | | |
| f | | | | |
| g | | | | |
| h | | | | |
| j | | | | |
| k | | | | |
| l | | | | |
| z | | | | |
| x | | | | |
| c | | | | |
| v | | | | |
| b | | | | |
| n | | | | |
| m | | | | |
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |

| | | | | |
|---|---|---|---|---|
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| [ | | | | |
| ] | | | | |

Table 3.1: Voynich Symbols in the EVA True Type Font

| Alt Code | Times New Roman | EVA True Type Font | | Alt Code | Times New Roman | EVA True Type Font |
|---|---|---|---|---|---|---|
| | | Lower Case | Upper Case | | | |
| | a | | | 160 | (space) | (not in the EVA alphabet) |
| | b | | | 161 | ¡ | |
| | c | | | 162 | ¢ | |
| | d | | | 163 | £ | |
| | e | | | 164 | ¤ | |
| | f | | | 165 | ¥ | ¥ |
| | g | | | 166 | ¦ | |
| | h | | | 167 | § | |
| | i | | | 168 | ¨ | |
| | j | | | 169 | © | |
| | k | | | 170 | ª | |
| | l | | | 171 | « | |
| | m | | | 172 | ¬ | |
| | n | | | 173 | - | |
| | o | | | 174 | ® | |
| | p | | | 175 | ¯ | |
| | q | | | 176 | ° | |
| | r | | | 177 | ± | |
| | s | | | 178 | ² | |
| | t | | | 179 | ³ | |
| | u | | | 180 | ´ | |
| | v | | | 181 | µ | |
| | x | | | 182 | ¶ | |
| | y | | | 183 | · | |
| | z | | | 184 | ¸ | |
| 130 | ‚ | | | 185 | ¹ | |
| 131 | *ƒ* | | | 186 | º | |
| 132 | „ | | | 187 | » | |
| 133 | … | | | 188 | ¼ | |
| 134 | † | | | 189 | ½ | |
| 135 | ‡ | | | 190 | ¾ | |
| 136 | ˆ | | | 191 | ¿ | |

| | | | | | |
|---|---|---|---|---|---|
| 137 | ‰ | | 192 | À | |
| 138 | Š | | 193 | Á | |
| 139 | ‹ | | 194 | Â | |
| 140 | Œ | | 195 | Ã | |
| 141 | | *** | 196 | Ä | |
| 142 | Ž | *** | 197 | Å | |
| 143 | | *** | 198 | Æ | |
| 144 | | *** | 199 | Ç | |
| 145 | ‘ | | 200 | È | |
| 146 | ’ | | 201 | É | |
| 147 | “ | | 202 | Ê | |
| 148 | ” | | 203 | Ë | |
| 149 | • | | 204 | Ì | |
| 150 | – | | 205 | Í | *** |
| 151 | — | | 206 | Î | |
| 152 | ˜ | | 207 | Ï | |
| 153 | ™ | | 208 | Ð | |
| 154 | š | | 209 | Ñ | |
| 155 | › | | 210 | Ò | |
| 156 | œ | | 211 | Ó | |
| 157 | | *** | 212 | Ô | |
| 158 | ž | *** | 213 | Õ | |
| 159 | Ÿ | | 214 | Ö | |

Table 3.2: Transcriber Code in the Landini-Stolfi Interlinear File

| Code | Transcriber |
|---|---|
| C | Currier “plus new additions from members of the Voynich list as found in the file voynich.now” |
| F | William Friedman’s 1st Study Group |
| H | Takeshi Takahashi |
| J | “Jim Reed's transcription of some previously unreadable characters” |
| K | “Karl Kluge's transcription of some labels from Petersen's copies” |
| L | Don Latham |
| N | Gabriel Landini |
| P | Fr. Theodore Petersen with “(a few readings reported by K. Kluge)” |
| R | Mike Roe |
| T | Tiltman |
| U | Jorge Stolfi |
| V | John Grove |
| X | Denis V. Mardle |
| Z | Zandbergen |

Table 3.3: Most Common Symbols in the Interlinear File by Transcriber Code

| | Symbol | C | U | V | F | T | J | D | G | I | K | L | N | R | X |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| o | | 11118 | 6552 | 4340 | 21033 | 3370 | 80 | 209 | 2504 | 1 | 18 | 1007 | 113 | 49 | 11 |
| e | | 7629 | 3979 | 4431 | 16883 | 3971 | 81 | 100 | 2392 | 3 | 4 | 622 | 51 | 38 | 3 |
| h | | 9017 | 4648 | 3108 | 16036 | 2355 | 43 | 159 | 1994 | 1 | 10 | 525 | 121 | 34 | 16 |
| y | | 8506 | 4158 | 3957 | 15241 | 2496 | 58 | 120 | 1912 | 2 | 7 | 418 | 76 | 25 | 7 |
| a | | 5524 | 3464 | 2249 | 12522 | 2699 | 44 | 114 | 1950 | 2 | 19 | 420 | 84 | 9 | 8 |
| c | | 6609 | 3552 | 1999 | 11974 | 1792 | 24 | 129 | 1574 | 1 | 10 | 414 | 81 | 29 | 13 |
| d | | 6277 | 2941 | 2867 | 11319 | 1829 | 49 | 80 | 1423 | 1 | 3 | 390 | 56 | 13 | 3 |
| i | | 5002 | 2869 | 1555 | 11456 | 2204 | 31 | 92 | 1572 | 1 | 2 | 387 | 79 | 3 | 8 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| k | | 4703 | 2357 | 2257 | 9475 | 2038 | 47 | 67 | 1291 | 2 | 1 | 330 | 45 | 19 | 3 |
| l | | 4515 | 2322 | 2464 | 8922 | 1638 | 22 | 66 | 1044 | 1 | 8 | 335 | 34 | 13 | 2 |
| r | | 3082 | 2050 | 1039 | 6309 | 1086 | 24 | 63 | 839 | 1 | 10 | 237 | 42 | 13 | 4 |
| s | | 3523 | 1863 | 1599 | 6132 | 795 | 21 | 58 | 625 | 1 | 7 | 239 | 64 | 7 | 5 |
| t | | 3249 | 1792 | 1108 | 5919 | 876 | 16 | 72 | 833 | | 1 | 130 | 37 | 6 | 3 |
| n | | 2750 | 1423 | 951 | 5640 | 1170 | 17 | 41 | 851 | 1 | 3 | 193 | 47 | 2 | 4 |
| q | | 2611 | 936 | 1624 | 5076 | 932 | 39 | 32 | 567 | | | 167 | | 4 | |
| p | | 726 | 442 | 299 | 1479 | 297 | 5 | 12 | 228 | | 12 | 44 | 11 | 4 | 2 |
| m | | 406 | 300 | 99 | 999 | 205 | 1 | 11 | 154 | | 3 | 30 | 1 | 1 | 1 |
| f | | 200 | 132 | 53 | 393 | 48 | | 1 | 54 | | | 15 | 5 | | 2 |
| * | | 210 | 722 | 48 | 344 | 3 | 19 | 7 | 40 | 2 | | 94 | 13 | 4 | 2 |
| g | | 49 | 24 | 10 | | | | 3 | | | 1 | | | | |
| x | | 1 | 7 | 4 | 20 | 9 | | | 2 | | | | | | |
| T | | | | | | | | | | | | | | | |
| S | | | 2 | | | | | | | | | | | | |
| K | | | 1 | | | | | | | | | | | | |
| Y | | | | | | | | | | | | | | | |
| © | | | 4 | 4 | | | | | | | | | | | |
| « | | | 4 | 4 | | | | | | | | | | | |
| v | | | 7 | 7 | | | | | 2 | | | | | | |
| ¬ | | | 4 | 4 | | | | | | | | | | | |
| F | | | | | | | | | | | | | | | |
| ª | | | 4 | 4 | | | | | | | | | | | |
| z | | | | | | | | | | | | | | | |
| O | | | | | | | | | | | | | | | |
| I | | | 1 | 1 | | | | | | | | | | | |
| ? | ? | | 2 | | 2 | | | | | | | 2 | | | |
| ý | | | 1 | | | | | | | | | | 1 | | |
| ü | | | 1 | | | | | | | | | | 1 | | |
| ˜ | | | | 1 | | | | | | | | | | | |
| ™ | | | | | | | | | | | | | | | |
| Š | | | 1 | | | | | | | | | | | | |
| § | | | 1 | | | | | | | | | | | | |
| Q | | | | | | | 1 | | | | | | | | |
| u | | 1 | 1 | | | | | 1 | | | | | | | |
| £ | | | 1 | | | | | | | | | | | | |
| ° | | | 1 | | | | | | | | | | | | |
| b | | | 3 | 4 | | | | | | | | | | | |
| ² | | | 1 | | | | | | | | | | | | |
| E | | | 1 | | | | | | | | | | | | |
| ’ | | | 1 | | | | | | | | | | | | |
| P | | | 2 | | | | 1 | | | | | | | | |
| - | | | 2 | 2 | | | | | | | | | | | |
| Œ | | | 1 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| j | [illegible] | 30 | 4 | | 2 | | | 4 | 1 | | | 21 | | | |
| X | [illegible] | | | 1 | | | | | | | | | | | |
| Ù | [illegible] | | 1 | | | | | | | | | | | | |

Table 3.4: Versioning System with Associated Zipf Slopes

| ID | Description | Zipf Intercept (Regression for Log Rank = ) | Zipf Slope by Log Symbol Count (Goal = -1) |
|---|---|---|---|
| 1 | The original transcriptions from the interlinear file | 3.690 | -0.1912 |
| 2 | The 1st set of revisions | | |
| 3 | Iteration #3 discussed in Chapter 3 | 3.9913 | -0.2253 |
| 4 | Iteration #4 - All Instances of [illegible] replaced by [illegible] | 3.9671 | -0.2189 |
| 5 | Iteration #4 - Version #4 plus all other [illegible] as digraphs | 3.9664 | -0.2187 |
| 6 | Iteration #4 - Version #4 plus all other [illegible] as compound symbols | 4.0747 | -0.2250 |
| 7 | Iteration #4 - [illegible] as a single character | 3.9859 | -0.2239 |
| 8 | Iteration #4 - [illegible] equivalent to [illegible] | 3.9576 | -0.2217 |
| 9 | Iteration #4 - Experimentation with the W-pentimal system, with [illegible] as distinct endings | 4.1242 | -0.2367 |
| 10 | Iteration #4 - Experimentation with the W-pentimal system, with [illegible] as indistinct endings | 4.1242 | -0.2367 |
| 11 | Iteration #4 - Versions #6, #7 and #9 Combined | 4.2358 | -0.2409 |
| 12 | Iteration #4 - Versions #6 and #9 Combined | 4.2190 | -0.2387 |
| 13 | Iteration #4 - Versions #7 and #9 Combined | 4.1422 | -0.23908 |
| 14 | Iteration #4 - Version #6 Plus [illegible] Replacements | 4.1032 | -0.23347 |
| 15 | Iteration #4 - Version #9 with multiple corrections in the replacement routines | 3.9925 | -0.2248 |
| 16 | Iteration #4 – The changes in Version #14 combined with those #9 and #7 | 4.2588 | -0.24854 |
| 17 | Iteration #4 - Version #16 with the [illegible]- and [illegible]- derivatives as Single Symbols | 4.2809 | -0.24630 |
| 18 | Iteration #5 - Multiple fixes, with [illegible] Removed and [illegible] Added | 4.2882 | -0.25237 |
| 19 | Iteration #5 - Derived from #18, using 5 different symbols as replacements for [illegible] | 4.1213 | -0.2328 |
| 20 | Iteration #5 – Derived from #19 with the remaining [illegible] removed as well | | |
| 21 | Iteration #5 - From #18 - with accumulated minor edits to the text | 4.2915 | -0.25264 |
| 22 | Iteration #5 - From #21 - more fixes uncovered during phrase filling | 4.2915 | -0.25281 |

Table 3.5: Symbol Ranks in Takahashi's Transcription

| Rank | Symbol | | Symbol Count | Log Rank | Log Symbol Count | % | Probability | Zipf Rank Multiplier |
|---|---|---|---|---|---|---|---|---|
| 1 | o | [illegible] | 23574 | 0 | 10.068 | 13.141 | 0.234 | 2 |
| 2 | e | [illegible] | 18772 | 0.693 | 9.84 | 10.464 | 0.117 | 3 |
| 3 | h | [illegible] | 16990 | 1.099 | 9.74 | 9.471 | 0.078 | 4 |
| 4 | y | [illegible] | 16387 | 1.386 | 9.704 | 9.135 | 0.059 | 5 |
| 5 | a | [illegible] | 13068 | 1.609 | 9.478 | 7.285 | 0.047 | 6 |
| 6 | c | [illegible] | 12694 | 1.792 | 9.449 | 7.076 | 0.039 | 7 |
| 7 | d | [illegible] | 12063 | 1.946 | 9.398 | 6.724 | 0.033 | 8 |
| 8 | i | [illegible] | 11241 | 2.079 | 9.327 | 6.266 | 0.029 | 9 |
| 9 | k | [illegible] | 10179 | 2.197 | 9.228 | 5.674 | 0.026 | 10 |
| 10 | l | [illegible] | 9700 | 2.303 | 9.18 | 5.407 | 0.023 | 11 |
| 11 | r | [illegible] | 6792 | 2.398 | 8.824 | 3.786 | 0.021 | 12 |
| 12 | s | [illegible] | 6777 | 2.485 | 8.821 | 3.778 | 0.02 | 13 |
| 13 | t | [illegible] | 6454 | 2.565 | 8.772 | 3.598 | 0.018 | 14 |
| 14 | n | [illegible] | 5909 | 2.639 | 8.684 | 3.294 | 0.017 | 15 |
| 15 | q | [illegible] | 5295 | 2.708 | 8.575 | 2.952 | 0.016 | 16 |
| *** break in Zipf's Slope | | | | | | | | |
| 16 | p | [illegible] | 1643 | 2.773 | 7.404 | 0.916 | 0.015 | 17 |
| 17 | m | [illegible] | 1017 | 2.833 | 6.925 | 0.567 | 0.014 | 18 |
| 18 | f | [illegible] | 443 | 2.89 | 6.094 | 0.247 | 0.013 | 19 |
| 19 | * | [illegible] | 202 | 2.944 | 5.308 | 0.113 | 0.012 | 20 |
| 20 | g | [illegible] | 79 | 2.996 | 4.369 | 0.044 | 0.012 | 21 |
| 21 | x | [illegible] | 27 | 3.045 | 3.296 | 0.015 | 0.011 | 22 |
| 22 | T | [illegible] | 21 | 3.091 | 3.045 | 0.012 | 0.011 | 23 |
| 23 | S | [illegible] | 12 | 3.135 | 2.485 | 0.007 | 0.01 | 24 |
| 24 | K | [illegible] | 9 | 3.178 | 2.197 | 0.005 | 0.01 | 25 |
| 25 | Y | [illegible] | 7 | 3.219 | 1.946 | 0.004 | 0.009 | 26 |
| 26 | © | [illegible] | 5 | 3.258 | 1.609 | 0.003 | 0.009 | 27 |
| 27 | v | [illegible] | 4 | 3.296 | 1.386 | 0.002 | 0.009 | 27 |
| 27 | « | [illegible] | 4 | 3.296 | 1.386 | 0.002 | 0.009 | 29 |
| 29 | ª | [illegible] | 3 | 3.367 | 1.099 | 0.002 | 0.008 | 29 |
| 29 | ¬ | [illegible] | 3 | 3.367 | 1.099 | 0.002 | 0.008 | 29 |
| 29 | F | [illegible] | 3 | 3.367 | 1.099 | 0.002 | 0.008 | 32 |
| 32 | I | [illegible] | 2 | 3.466 | 0.693 | 0.001 | 0.007 | 32 |
| 32 | O | [illegible] | 2 | 3.466 | 0.693 | 0.001 | 0.007 | 32 |
| 32 | ? | [illegible] | 2 | 3.466 | 0.693 | 0.001 | 0.007 | 32 |
| 32 | z | [illegible] | 2 | 3.466 | 0.693 | 0.001 | 0.007 | 36 |
| 36 | Š | [illegible] | 1 | 3.584 | 0 | 0.001 | 0.007 | 36 |
| 36 | ™ | [illegible] | 1 | 3.584 | 0 | 0.001 | 0.007 | 36 |
| 36 | ˜ | [illegible] | 1 | 3.584 | 0 | 0.001 | 0.007 | 36 |
| 36 | ý | [illegible] | 1 | 3.584 | 0 | 0.001 | 0.007 | 36 |
| 36 | ü | [illegible] | 1 | 3.584 | 0 | 0.001 | 0.007 | NULL |

Table 3.6: Properties Added to the SymbolTable to Denote Possible Classes

| Column Name | Voynich Symbol | Transcription Representation | Column Name | Voynich Symbol | Transcription Representation | Column Name | Voynich Symbol | Transcription Representation |
|---|---|---|---|---|---|---|---|---|
| IsCGroup | ⛏<br>⛏ | e<br>c | IsPGroup | ⛏<br>⛏ | r<br>s | IsNumeral | 1, 2, 3, 4,<br>5 | 1-5 |
| IsOGroup | ⛏<br>⛏<br>⛏ | o<br>•<br>O | Is8Group | ⛏<br>⛏<br>⛏<br>⛏ | d<br>g<br>j<br>m | IsBetaGroup | ⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏ | ß<br>î<br>í<br>ï<br>ð<br>ñ |
| W-Group | ⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏ | w<br>û<br>â<br>ã<br>ø<br>ú<br>Ý<br>ù<br>Á<br>ö<br>W<br>Þ<br>ó<br>ô<br>ë | N-Group | ⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏ | Á<br>°<br>k<br>t<br>î<br>í<br>ñ<br>T<br>K<br>×<br>z<br>‰ | F-Group | ⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏<br>⛏ | Á<br>f<br>p<br>F<br>ð<br>ï<br>œ<br>¡<br>Ö<br>‰<br>Ç<br>«<br>ð<br>ï |

Table 3.7: Remaining Instances of ⛏ (h) and ⛏ (ce) after the Replacements in Versions #6 and #16

⛏ in Version #6

| Rank | Digraph | | Count |
|---|---|---|---|
| 1 | ch →ce | ⛏→<br>⛏ | 1035 |
| 2 | ïh | ⛏ | 6 |
| 3 | ¨h | ⛏ | 4 |
| 4 | kh | ⛏ | 3 |
| 4 | íh | ⛏ | 3 |
| 6 | ph | ⛏ | 2 |
| 7 | ðh | ⛏ | 1 |
| 7 | îh | ⛏ | 1 |
| 7 | oh →Oe | ⛏→<br>⛏ | 1 |

⛏ in Version #6

| Rank | Digraph | | Count |
|---|---|---|---|
| 1 | ch | ⛏ | 316 |
| 2 | pch | ⛏ | 234 |
| 3 | tch | ⛏ | 124 |
| 4 | kch | ⛏ | 107 |
| 5 | lch | ⛏ | 77 |
| 6 | fch | ⛏ | 51 |
| 7 | och | ⛏ | 44 |
| 8 | dch | ⛏ | 38 |
| 9 | ych | ⛏ | 18 |
| 10 | ech | ⛏ | 17 |
| 11 | rch | ⛏ | 13 |
| 12 | sch | ⛏ | 5 |
| 13 | ßch | ⛏ | 3 |
| 14 | ach | ⛏ | 2 |
| 14 | mch | ⛏ | 2 |
| 16 | nch | ⛏ | 1 |
| 16 | Ách | ⛏ | 1 |
| 16 | œch | ⛏ | 1 |

⛏ in Version #16

| Rank | Digraph | | Count |
|---|---|---|---|
| 1 | ce | ⛏ | 1046 |
| 2 | cs | ⛏ | 10 |
| 3 | ck | ⛏ | 3 |
| 3 | c | ⛏ | 3 |
| 5 | c¨ | ⛏ | 2 |
| 5 | ct | ⛏ | 2 |
| 5 | cf | ⛏ | 2 |
| 8 | cy | ⛏ | 1 |
| 8 | co | ⛏ | 1 |
| 8 | cp | ⛏ | 1 |
| 8 | cF | ⛏ | 1 |

Table 3.8: Ligatured vs. Non-Ligatured Forms of ⛏ vs. ⛏ (oe) by Section in Intermediate Versions

| Section | Text Sequences Containing the Non-Ligatured Version | Text Sequences Containing the Ligatured Version | Count of Text Sequences |
|---|---|---|---|
| 1 | 68 | 4 | 365 |
| 2 | 102 | 49 | 858 |
| 3 | 16 | 18 | 200 |
| 4 | 123 | 22 | 468 |

Table 3.9: Counts of W-Pentimal Symbols in Version #22

| Rank | Symbol | | Count | % of All Symbols in Document |
|---|---|---|---|---|
| 13 | w | | 4098 | 2.352 |
| 15 | û | | 1735 | 0.996 |
| 20 | â | | 644 | 0.37 |
| 23 | ã | | 222 | 0.127 |
| 27 | ø | | 150 | 0.086 |
| 32 | ú | | 52 | 0.03 |
| 34 | Ý | | 33 | 0.019 |
| 36 | ù | | 28 | 0.016 |
| 37 | Á | | 27 | 0.015 |
| 40 | ö | | 17 | 0.01 |
| 60 | Þ | | 2 | 0.001 |
| 60 | ô | | 2 | 0.001 |
| 71 | ó | | 1 | 0.001 |
| 71 | W | | 1 | 0.001 |
| 71 | ë | | 1 | 0.001 |

Table 3.10: Distributions of Polygraphs Containing the Symbol (i) in One Early Transcription

| Rank | Digraph | | Polygraph Count |
|---|---|---|---|
| 1 | in | | 943 |
| 2 | ii | | 855 |
| 3 | ir | | 275 |
| 4 | is | | 52 |
| 5 | im | | 45 |
| 6 | il | | 40 |
| 7 | ik | | 36 |
| 8 | it | | 24 |
| 9 | id | | 14 |
| 10 | ip | | 13 |
| 11 | io | | 11 |
| 12 | ic | | 9 |
| 13 | if | | 7 |
| 14 | iy | | 5 |
| 15 | ie | | 4 |
| 16 | ih | | 3 |
| 17 | iI | | 2 |
| 17 | ia | | 2 |
| 19 | ix | | 1 |

| Preceded by Neither *a* Nor *o* | | | |
|---|---|---|---|
| 1 | ein | | 2 |
| 1 | rin | | 2 |
| 1 | kil | | 2 |
| 4 | kin | | 1 |
| 4 | kir | | 1 |
| 4 | eie | | 1 |
| 4 | rio | | 1 |
| 4 | riy | | 1 |
| 4 | sin | | 1 |
| 4 | tir | | 1 |
| 4 | eir | | 1 |
| 4 | eis | | 1 |
| 4 | hih | | 1 |
| 4 | hir | | 1 |

| Trigraphs Preceded by o | | | |
|---|---|---|---|
| 1 | oii | | 90 |
| 2 | oin | | 14 |
| 3 | oir | | 11 |
| 4 | oik | | 10 |
| 5 | oit | | 6 |
| 6 | ois | | 3 |
| 7 | oif | | 2 |
| 8 | oih | | 1 |
| 8 | oia | | 1 |
| 8 | oie | | 1 |
| 8 | oip | | 1 |

| Trigraphs Preceded by *a* | | | |
|---|---|---|---|
| 1 | aii | | 655 |
| 2 | ain | | 295 |
| 3 | air | | 190 |
| 4 | aim | | 32 |
| 5 | ais | | 25 |
| 6 | ail | | 21 |
| 7 | aik | | 16 |
| 8 | ait | | 12 |
| 9 | aip | | 10 |
| 10 | aic | | 6 |
| 11 | aid | | 5 |
| 12 | aif | | 4 |
| 13 | aiI | | 2 |
| 13 | aie | | 2 |
| 15 | aio | | 1 |
| 15 | aix | | 1 |
| 15 | aiy | | 1 |

Table 3.11: Consecutive Instances of (i) in -[11] and -[11] Polygraphs

| Rank | Polygraph | | Length of Sequence | Polygraph Count |
|---|---|---|---|---|
| a | | | | |
| 1 | aiin | | 3 | 835 |
| 2 | ain | | 2 | 565 |
| 3 | air | | 2 | 361 |
| 4 | aiir | | 3 | 105 |
| | an (sans i) | | 1 | 93 |
| 5 | aiiin | | 4 | 89 |
| 6 | aim | | 1 | 45 |
| 7 | ais | | 1 | 32 |
| | Á[1] | | 1 | 22 |
| 8 | aiis | | 2 | 22 |
| 8 | aiiis | | 3 | 22 |
| 10 | aiiim | | 3 | 15 |
| 10 | aiim | | 3 | 15 |
| 12 | aiiir | | 4 | 1 |

[11] -[11] followed by other characters in the 3rd iteration transcription

| | | | | |
|---|---|---|---|---|
| 12 | aiiiir | | 5 | 1 |
| o | | | | |
| 1 | oiin | | 2 | 151 |
| 2 | oiiin | | 3 | 34 |
| 3 | oin | | 1 | 23 |
| 4 | oiiir | | 3 | 17 |
| 5 | oir | | 1 | 13 |
| 6 | oiiis | | 3 | 4 |
| 7 | oiiim | | 3 | 1 |

Table 3.12: Reduction to the Alphabetic Symbol Set in Version #22, with Group Properties, Ranked by Frequency

| # | Rank | Symbol | Voynich Font | Properties by Group Name | | | | | | | | Numeral | Count | Document-Wide % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | "Beta" | C | F | N | O | P | 8 | W | | | |
| 1 | 1 | e | | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31186 | 17.896 |
| 2 | 2 | o | | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 26075 | 14.963 |
| 3 | 3 | y | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17877 | 10.259 |
| 4 | 4 | a | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14665 | 8.415 |
| 5 | 5 | d | | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 13238 | 7.597 |
| 6 | 6 | c | | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11126 | 6.385 |
| 7 | 7 | l | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10683 | 6.13 |
| 8 | 8 | k | | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 10158 | 5.829 |
| 9 | 9 | r | | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 6850 | 3.931 |
| 10 | 10 | t | | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 6080 | 3.489 |
| 11 | 11 | q | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5454 | 3.13 |
| 12 | 12 | ß | | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4568 | 2.621 |
| 13 | 13 | w | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 4098 | 2.352 |
| 14 | 14 | s | | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2891 | 1.659 |
| 15 | 15 | û | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1735 | 0.996 |
| 16 | 16 | p | | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1462 | 0.839 |
| 17 | 17 | m | | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1048 | 0.601 |
| 18 | 18 | Ü | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 952 | 0.546 |
| 19 | 19 | í | | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 940 | 0.539 |
| 20 | 20 | â | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 644 | 0.37 |
| 21 | 21 | f | | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 444 | 0.255 |
| 22 | 22 | * | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 226 | 0.13 |
| 23 | 23 | ã | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 222 | 0.127 |
| 24 | 23 | ï | | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 222 | 0.127 |
| 25 | 25 | • | | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 199 | 0.114 |
| 26 | 26 | n | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 158 | 0.091 |
| 27 | 27 | ø | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 150 | 0.086 |
| 28 | 28 | g | | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 144 | 0.083 |
| 29 | 29 | i | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 142 | 0.081 |
| 30 | 30 | h | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 122 | 0.07 |
| 31 | 31 | ð | | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 82 | 0.047 |
| 32 | 32 | ú | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 52 | 0.03 |
| 33 | 33 | x | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0.024 |
| 34 | 34 | Ý | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 33 | 0.019 |
| 35 | 35 | ì | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0.017 |
| 36 | 36 | ù | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 28 | 0.016 |
| 37 | 37 | A | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 27 | 0.015 |
| 38 | 38 | Ü | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 0.011 |
| 39 | 39 | T | | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 18 | 0.01 |
| 40 | 40 | ö | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 17 | 0.01 |
| 41 | 41 | à | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0.008 |
| 42 | 42 | v | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0.006 |
| 43 | 42 | K | | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 10 | 0.006 |
| 44 | 42 | O | | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 10 | 0.006 |
| 45 | 45 | ¨ | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0.004 |
| 46 | 45 | ¬ | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0.004 |
| 47 | 47 | j | | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 6 | 0.003 |
| 48 | 48 | ª | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0.003 |
| 49 | 48 | « | | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0.003 |
| 50 | 48 | À | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0.003 |
| 51 | 53 | Œ | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0.002 |
| 52 | 53 | ‘ | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0.002 |
| 53 | 53 | z | | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 4 | 0.002 |
| 54 | 53 | © | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0.002 |
| 55 | 57 | Ð | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0.002 |
| 56 | 57 | u | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0.002 |
| 57 | 57 | F | | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0.002 |
| 58 | 60 | É | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0.001 |
| 59 | 60 | ü | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0.001 |
| 60 | 60 | Þ | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0.001 |
| 61 | 60 | *f* | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0.001 |
| 62 | 60 | ° | | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0.001 |
| 63 | 60 | ½ | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0.001 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 64 | 60 | × | | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0.001 |
| 65 | 60 | ô | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0.001 |
| 66 | 60 | Ò | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0.001 |
| 67 | 60 | Ì | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0.001 |
| 68 | 60 | Ä | | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0.001 |
| 69 | 71 | b | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.001 |
| 70 | 71 | ñ | | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0.001 |
| 71 | 71 | ó | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0.001 |
| 72 | 71 | ý | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.001 |
| 73 | 71 | Õ | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.001 |
| 74 | 71 | õ | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.001 |
| 75 | 71 | Ö | | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.001 |
| 76 | 71 | ÷ | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.001 |
| 77 | 71 | 1 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0.001 |
| 78 | 71 | 2 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0.001 |
| 79 | 71 | 3 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0.001 |
| 80 | 71 | 4 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0.001 |
| 81 | 71 | 5 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0.001 |
| 82 | 71 | Ç | | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.001 |
| 83 | 71 | ‰ | | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0.001 |
| 84 | 71 | Š | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.001 |
| 85 | 71 | š | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.001 |
| 86 | 71 | œ | | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.001 |
| 87 | 71 | ¡ | | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.001 |
| 88 | 71 | ¦ | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.001 |
| 89 | 71 | W | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0.001 |
| 90 | 71 | ê | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.001 |
| 91 | 71 | ë | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0.001 |

**Table 4.1: Initial Symbol Rankings for Version #29**

| # | Rank | Symbol | Symbol | Document-Wide Count | % |
|---|---|---|---|---|---|
| 1 | 1 | e | ᓵ | 38231 | 19.162 |
| 2 | 2 | o | ᓄ | 26214 | 13.139 |
| 3 | 3 | c | ᓚ | 18023 | 9.034 |
| 4 | 4 | y | ᓯ | 17882 | 8.963 |
| 5 | 5 | a | ᓇ | 14699 | 7.368 |
| 6 | 6 | d | ᓴ | 13245 | 6.639 |
| 7 | 7 | i | ᐧ | 11893 | 5.961 |
| 8 | 8 | k | ᑦ | 11111 | 5.569 |
| 9 | 9 | l | ᓪ | 10709 | 5.368 |
| 10 | 10 | r | ᓕ | 7653 | 3.836 |
| 11 | 11 | s | ᓱ | 7528 | 3.773 |
| 12 | 12 | t | ᑎ | 7043 | 3.530 |
| 13 | 13 | n | ᓐ | 6212 | 3.114 |
| 14 | 14 | q | ᖁ | 5454 | 2.734 |
| 15 | 15 | p | ᑭ | 1697 | 0.851 |
| 16 | 16 | m | ᖕ | 1110 | 0.556 |
| 17 | 17 | f | ᑯ | 534 | 0.268 |
| 18 | 18 | g | ᖓ | 153 | 0.077 |
| 19 | 19 | x | ᓗ | 43 | 0.022 |
| 20 | 20 | Å | ᓘ | 29 | 0.015 |
| 21 | 21 | v | ᐩ | 9 | 0.005 |
| 22 | 22 | j | ᖔ | 6 | 0.003 |
| 23 | 22 | ª | ᓃ | 6 | 0.003 |
| 24 | 22 | ¬ | ᓂ | 6 | 0.003 |
| 25 | 25 | Ä | ᑐ | 5 | 0.003 |
| 26 | 26 | Œ | ᓭ | 4 | 0.002 |
| 27 | 26 | © | ᒼᐸ | 4 | 0.002 |
| 28 | 28 | ° | ᑊ | 2 | 0.001 |
| 29 | 28 | Ð | ᓛ | 2 | 0.001 |
| 30 | 30 | ê | ᓈ | 1 | 0.001 |
| 31 | 30 | ÷ | ᔅ | 1 | 0.001 |
| 32 | 30 | É | ᑉ | 1 | 0.001 |
| 33 | 30 | Š | ᕐ | 1 | 0.001 |

**Table 4.2: Symbol Rankings for Version #59 Compared to an Intermediate of Version #29 with Functions**

| Version #59 | | | | | Version #29 | | | Possible Glyph Origins and Examples in Computistic Manuscripts | Final Functional Determination by the End of the Project |
|---|---|---|---|---|---|---|---|---|---|
| Rank | Symbol | Voynich Font | Document Count | % | Rank | Document Count | % | | |
| 1 | e | ᵉ | 38067 | 19.144 | 1 | 37482 | 19.245 | Repetitions within labels found in computistic manuscripts; a doublet is found in St. Hildegard's *Lingua Ignota* | Enumerator (possibly tied to dosage, timing, severity of disease and perhaps individual class items, depending on the infix slot) |
| 2 | o | ᵒ | 25956 | 13.054 | 2 | 25601 | 13.145 | Common, easily recognized vowel *o*; examples in *Astronomisch-Astrologische Sammelhandschrift* | Derivational marker for nouns |
| 3 | c | ᶜ | 18125 | 9.115 | 3 | 17582 | 9.027 | | Semantic superclass marker |
| 4 | y | ᵞ | 17907 | 9.006 | 4 | 17490 | 8.980 | *Astronomisch-Astrologische Sammelhandschrift*; an overline variant found in a Catalan Atlas, St. Gall | Derivational marker for modifiers (in the absence of *o*) |
| 5 | a | ᵃ | 14607 | 7.346 | 5 | 14229 | 7.306 | Common, easily recognized vowel *a* | Derivational marker for verbs (in the absence of *o*) |
| 6 | d | ᵈ | 13225 | 6.651 | 6 | 12955 | 6.652 | Likenesses found in many ancient and medieval documents including the *Codex of St. Gall*, the *Computus Cottonianus*, *Tiberius Psalter*, Vat. lat. 869 (14th Century), *Aries Facit Calorem Temperatum*; Astronomisch-Astrologische Sammelhandschrift; *Recueil Composite Constitué de Deux Manuscrits* | Subclass marker when in the final consonant slot, a case role in the prefix slot |
| 7 | i | ᵢ | 11824 | 5.946 | 7 | 11603 | 5.957 | Repetitions within labels found in computistic manuscripts and pentadic numeral systems; found in *Astronomisch-Astrologische Sammelhandschrift* | Enumerator (especially with a-Bases and processing instructions) |
| 8 | k | ᵏ | 11094 | 5.579 | 8 | 10840 | 5.566 | | Clause marker in the prefix slot, possibly a quantifier or subclass marker when following *c*; associated with relatively benign treatments/diseases when acting as a subclass marker after *o*; rarely used as a subclass marker in the trailing consonant slot |
| 9 | l | ˡ | 10655 | 5.358 | 9 | 10376 | 5.328 | Found in many other European and occult scripts; *P* in some pre-Roman Mediterranean alphabets; *j* and *d* in Demotic; Alcuin's letters (8th Century A.D.); *Calendar of Zwiefalten*; Vat. lat. 869 (14th Century), *Astronomisch-Astrologische Sammelhandschrift*; *Recueil Composite Constitué de Deux Manuscrits* | Subclass marker when in the final consonant slot, possibly OR when acting as a prefix; often contrasts with [rs] |
| 10 | r | ʳ | 7585 | 3.815 | 10 | 7435 | 3.817 | | Subclass marker when in the final consonant slot, a case role in the prefix slot; often contrasts with *l* |
| 11 | s | ˢ | 7430 | 3.737 | 11 | 7367 | 3.783 | | Subclass marker when in the final consonant slot, a case role in the prefix slot, possibly; often acts as an extension of whatever meaning *r* bears in a particular slot |
| 12 | t | ᵗ | 6975 | 3.508 | 12 | 6870 | 3.527 | | Clause marker in the prefix slot, possibly a quantifier or subclass marker when following *c*; associated with relatively benign treatments/diseases when acting as a subclass marker after *o*; rarely used as a subclass marker in the trailing consonant slot |
| 13 | n | ⁿ | 6194 | 3.115 | 13 | 6072 | 3.118 | *Astronomisch-Astrologische Sammelhandschrift* contains possible examples preceded by *a*, as in the Voynich Manuscript | Subclass marker exclusively found in the trailing consonant slot |
| 14 | q | ᵠ | 5432 | 2.732 | 14 | 5345 | 2.744 | Clear lineages in Latin, runic, other scripts; signifies *q* in Latin, *D* in some other pre-Roman Mediterranean alphabets; Dalet, Resh in Paleo-Hebrew; Vat. lat. 869 (14th Century); *Astronomisch-Astrologische Sammelhandschrift*; *Life of St. Gall*; *Recueil Composite Constitué de Deux Manuscrits* | AND prefix, possibly incorporating sequence information like *and then…* |
| 15 | p | ᵖ | 1675 | 0.842 | 15 | 1663 | 0.854 | Some runic, occult, other symbols bear some resemblance to stylized versions of [fp] | Clause marker in the prefix slot, possibly a quantifier or subclass marker when following *c*; associated with relatively benign treatments/diseases when acting as a subclass marker after *o*; rarely used as a subclass marker in the trailing consonant slot |
| 16 | m | ᵐ | 1116 | 0.561 | 16 | 1058 | 0.543 | | Subclass marker with spatio-temporal connotations like *to come out of* |
| 17 | f | ᶠ | 526 | 0.265 | 17 | 523 | 0.269 | Some runic, occult, other symbols bear some resemblance to stylized versions of [fp] | Clause marker in the prefix slot, possibly a quantifier or subclass marker when following *c*; associated with relatively benign treatments/diseases when acting as a subclass marker after *o*; rarely used as a subclass marker in the trailing consonant slot |
| 18 | * | * | 234 | 0.118 | - | - | - | | Placeholder for an uncertain character |
| 19 | g | ᵍ | 132 | 0.066 | 18 | 151 | 0.078 | Related to the ampersand, used in Latin to signify *and*; *Q* in Phoenician; likenesses found in many ancient and medieval documents including the *Codex of St. Gall*, the *Computus Cottonianus*, *Tiberius Psalter*, *Calendar of Zwiefalten*, Vat. lat. 869 (14th Century), Aries Facit Calorem Temperatum | Subclass marker with spatio-temporal connotations like *to come out of* |
| 20 | x | ˣ | 37 | 0.019 | 19 | 43 | 0.022 | | Rarely used letter used in consonant slots, particularly in Section 5 and the Rosette Folio; probably a subclass marker. May be used to specify spatial information to some extent. |
| 21 | b | ᵇ | 31 | 0.016 | - | - | - | | |
| 22 | v | ˅ | 7 | 0.004 | 21 | 9 | 0.005 | | Punctuation marker limited almost entirely to f57v |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 23 | j | ꝏ | 6 | 0.003 | 22 | 7 | 0.004 | Possible examples in the *Life of St. Gall* | Subclass marker with spatio-temporal connotations like *to come out of* |
| 24 | ª | ꝛ | 1 | 0.001 | 23 | 6 | 0.003 | Probably an occult ideograph | |
| 24 | ¬ | ꝛ | 1 | 0.001 | 23 | 6 | 0.003 | | |
| 24 | ê | ê | 1 | 0.001 | 30 | 1 | 0.001 | Probably extraneous | |
| - | Á | ꝰ | - | - | 20 | 29 | 0.015 | | |
| - | À | ꝛ | - | - | 25 | 0.003 | 5 | | |
| - | Œ | ꝭ | - | - | 26 | 0.002 | 4 | | |
| - | © | | - | - | 26 | 0.002 | 4 | | |
| - | ° | ꝟ | - | - | 28 | 0.001 | 2 | | |
| - | Ð | ꝯ | - | - | 28 | 0.001 | 2 | | |
| - | ÷ | ꝝ | - | - | 30 | 0.001 | 1 | | |
| - | Š | ꝸ | - | - | 30 | 0.001 | 1 | | |
| - | Ë | ꝛ | - | - | 30 | 0.001 | 1 | | |

Table 4.3: Frequencies of Letters as Initiators and Terminators across All Words in the Document (Including Duplicates) in Version #16

**Ordered by 1st Symbol**

| Glyph | | 1st | Last | 1st Word Count | Last Word Count | % of All Words | % 1st | % Last |
|---|---|---|---|---|---|---|---|---|
| | o | 1933 | 326 | 8899 | 1272 | 57.926 | 23.068 | 3.297 |
| | c | 1132 | 3 | 6051 | 9 | 27.905 | 15.686 | 0.023 |
| | q | 850 | 1 | 5425 | 1 | 14.151 | 14.063 | 0.003 |
| | d | 621 | 342 | 3710 | 655 | 32.999 | 9.617 | 1.698 |
| | ß | 550 | 15 | 3277 | 30 | 11.756 | 8.495 | 0.078 |
| | a | 281 | 79 | 2009 | 96 | 36.133 | 5.208 | 0.249 |
| | y | 634 | 3178 | 1936 | 15542 | 43.466 | 5.019 | 40.288 |
| | l | 374 | 960 | 1378 | 5980 | 26.088 | 3.572 | 15.501 |
| | s | 319 | 521 | 1304 | 1332 | 7.199 | 3.38 | 3.453 |
| | k | 322 | 28 | 1171 | 74 | 26.091 | 3.035 | 0.192 |
| | t | 343 | 24 | 992 | 51 | 15.587 | 2.571 | 0.132 |
| | p | 286 | 16 | 551 | 30 | 3.751 | 1.428 | 0.078 |
| | î | 89 | 4 | 504 | 10 | 2.501 | 1.306 | 0.026 |
| | r | 135 | 988 | 503 | 5212 | 17.036 | 1.304 | 13.511 |
| | í | 47 | 3 | 199 | 5 | 2.424 | 0.516 | 0.013 |
| | e | 103 | 69 | 147 | 118 | 50.833 | 0.381 | 0.306 |
| | ï | 59 | 0 | 130 | 0 | 0.575 | 0.337 | 0 |
| | f | 90 | 17 | 126 | 24 | 1.143 | 0.327 | 0.062 |
| | • | 50 | 1 | 57 | 1 | 0.43 | 0.148 | 0.003 |
| | ð | 20 | 0 | 34 | 0 | 0.207 | 0.088 | 0 |
| | x | 9 | 9 | 19 | 17 | 0.109 | 0.049 | 0.044 |
| | g | 8 | 81 | 19 | 101 | 0.345 | 0.049 | 0.262 |
| | m | 3 | 361 | 16 | 1005 | 2.701 | 0.041 | 2.605 |
| | v | 3 | 1 | 9 | 7 | 0.026 | 0.023 | 0.018 |
| | i | 7 | 5 | 7 | 6 | 0.184 | 0.018 | 0.016 |
| | « | 1 | 1 | 5 | 5 | 0.013 | 0.013 | 0.013 |
| | Œ | 2 | 1 | 4 | 3 | 0.01 | 0.01 | 0.008 |
| | ¨ | 3 | 0 | 3 | 0 | 0.013 | 0.008 | 0 |
| | n | 1 | 79 | 3 | 149 | 0.404 | 0.008 | 0.386 |
| | ø | 2 | 49 | 3 | 132 | 0.391 | 0.008 | 0.342 |
| | O | 2 | 0 | 2 | 0 | 0.023 | 0.005 | 0 |
| | h | 2 | 3 | 2 | 3 | 0.316 | 0.005 | 0.008 |
| | ã | 2 | 73 | 2 | 192 | 0.534 | 0.005 | 0.498 |
| | Á | 1 | 3 | 2 | 4 | 0.013 | 0.005 | 0.01 |
| | à | 2 | 0 | 2 | 0 | 0.036 | 0.005 | 0 |
| | û | 1 | 288 | 2 | 1715 | 4.521 | 0.005 | 4.446 |
| | W | 1 | 0 | 1 | 0 | 0.003 | 0.003 | 0 |
| | w | 1 | 548 | 1 | 4104 | 10.742 | 0.003 | 10.638 |
| | u | 1 | 2 | 1 | 2 | 0.008 | 0.003 | 0.005 |
| | z | 1 | 2 | 1 | 2 | 0.01 | 0.003 | 0.005 |
| | Đ | 1 | 1 | 1 | 1 | 0.003 | 0.003 | 0.003 |
| | Ä | 1 | 0 | 1 | 0 | 0.065 | 0.003 | 0 |
| | É | 1 | 0 | 1 | 0 | 0.005 | 0.003 | 0 |
| | ê | 1 | 0 | 1 | 0 | 0.003 | 0.003 | 0 |
| | ‘ | 1 | 1 | 1 | 1 | 0.008 | 0.003 | 0.003 |
| | *f* | 1 | 0 | 1 | 0 | 0.005 | 0.003 | 0 |
| | š | 1 | 1 | 1 | 1 | 0.003 | 0.003 | 0.003 |
| | œ | 1 | 0 | 1 | 0 | 0.003 | 0.003 | 0 |
| | b | 1 | 0 | 1 | 0 | 0.003 | 0.003 | 0 |
| | Ó | 1 | 0 | 1 | 0 | 0.003 | 0.003 | 0 |
| | Ò | 1 | 2 | 1 | 2 | 0.005 | 0.003 | 0.005 |

**Ordered by Last Symbol**

| Glyph | | 1st | Last | 1st Word Count | Last Word Count | % of All Words | % 1st Symbol | % Last Symbol |
|---|---|---|---|---|---|---|---|---|
| | y | 634 | 3178 | 1936 | 15542 | 43.466 | 5.019 | 40.288 |
| | l | 374 | 960 | 1378 | 5980 | 26.088 | 3.572 | 15.501 |
| | r | 135 | 988 | 503 | 5212 | 17.036 | 1.304 | 13.511 |
| | w | 1 | 548 | 1 | 4104 | 10.742 | 0.003 | 10.638 |
| | û | 1 | 288 | 2 | 1715 | 4.521 | 0.005 | 4.446 |
| | s | 319 | 521 | 1304 | 1332 | 7.199 | 3.38 | 3.453 |
| | o | 1933 | 326 | 8899 | 1272 | 57.926 | 23.068 | 3.297 |
| | m | 3 | 361 | 16 | 1005 | 2.701 | 0.041 | 2.605 |
| | d | 621 | 342 | 3710 | 655 | 32.999 | 9.617 | 1.698 |
| | â | 0 | 131 | 0 | 502 | 1.654 | 0 | 1.301 |
| | ã | 2 | 73 | 2 | 192 | 0.534 | 0.005 | 0.498 |
| | n | 1 | 79 | 3 | 149 | 0.404 | 0.008 | 0.386 |
| | ø | 2 | 49 | 3 | 132 | 0.391 | 0.008 | 0.342 |
| | e | 103 | 69 | 147 | 118 | 50.833 | 0.381 | 0.306 |
| | g | 8 | 81 | 19 | 101 | 0.345 | 0.049 | 0.262 |
| | a | 281 | 79 | 2009 | 96 | 36.133 | 5.208 | 0.249 |
| | k | 322 | 28 | 1171 | 74 | 26.091 | 3.035 | 0.192 |
| | t | 343 | 24 | 992 | 51 | 15.587 | 2.571 | 0.132 |
| | ú | 0 | 26 | 0 | 45 | 0.135 | 0 | 0.117 |
| | ß | 550 | 15 | 3277 | 30 | 11.756 | 8.495 | 0.078 |
| | p | 286 | 16 | 551 | 30 | 3.751 | 1.428 | 0.078 |
| | Ý | 0 | 17 | 0 | 24 | 0.083 | 0 | 0.062 |
| | f | 90 | 17 | 126 | 24 | 1.143 | 0.327 | 0.062 |
| | ù | 0 | 16 | 0 | 22 | 0.07 | 0 | 0.057 |
| | ö | 0 | 11 | 0 | 18 | 0.047 | 0 | 0.047 |
| | x | 9 | 9 | 19 | 17 | 0.109 | 0.049 | 0.044 |
| | î | 89 | 4 | 504 | 10 | 2.501 | 1.306 | 0.026 |
| | c | 1132 | 3 | 6051 | 9 | 27.905 | 15.686 | 0.023 |
| | v | 3 | 1 | 9 | 7 | 0.026 | 0.023 | 0.018 |
| | i | 7 | 5 | 7 | 6 | 0.184 | 0.018 | 0.016 |
| | í | 47 | 3 | 199 | 5 | 2.424 | 0.516 | 0.013 |
| | « | 1 | 1 | 5 | 5 | 0.013 | 0.013 | 0.013 |
| | Á | 1 | 3 | 2 | 4 | 0.013 | 0.005 | 0.01 |
| | h | 2 | 3 | 2 | 3 | 0.316 | 0.005 | 0.008 |
| | Œ | 2 | 1 | 4 | 3 | 0.01 | 0.01 | 0.008 |
| | ½ | 0 | 2 | 0 | 2 | 0.005 | 0 | 0.005 |
| | Î | 0 | 2 | 0 | 2 | 0.005 | 0 | 0.005 |
| | Ò | 1 | 2 | 1 | 2 | 0.005 | 0.003 | 0.005 |
| | z | 1 | 2 | 1 | 2 | 0.01 | 0.003 | 0.005 |
| | u | 1 | 2 | 1 | 2 | 0.008 | 0.003 | 0.005 |
| | q | 850 | 1 | 5425 | 1 | 14.151 | 14.063 | 0.003 |
| | Đ | 1 | 1 | 1 | 1 | 0.003 | 0.003 | 0.003 |
| | ó | 0 | 1 | 0 | 1 | 0.003 | 0 | 0.003 |
| | j | 0 | 1 | 0 | 1 | 0.008 | 0 | 0.003 |
| | T | 0 | 1 | 0 | 1 | 0.049 | 0 | 0.003 |
| | ë | 0 | 1 | 0 | 1 | 0.003 | 0 | 0.003 |
| | Ç | 0 | 1 | 0 | 1 | 0.003 | 0 | 0.003 |
| | Å | 0 | 1 | 0 | 1 | 0.005 | 0 | 0.003 |
| | ‘ | 1 | 1 | 1 | 1 | 0.008 | 0.003 | 0.003 |
| | • | 50 | 1 | 57 | 1 | 0.43 | 0.148 | 0.003 |
| | š | 1 | 1 | 1 | 1 | 0.003 | 0.003 | 0.003 |

Table 4.4: Frequencies of Letters as Initiators and Terminators for All Distinct Words in Version #16

**Ordered by 1st Symbol**

| Glyph | | 1st | Last | 1st Word Count | Last Word Count | % of All Words | % 1st | % Last |
|---|---|---|---|---|---|---|---|---|
| | o | 1933 | 326 | 8899 | 1272 | 57.926 | 23.068 | 3.297 |
| | c | 1132 | 3 | 6051 | 9 | 27.905 | 15.686 | 0.023 |
| | q | 850 | 1 | 5425 | 1 | 14.151 | 14.063 | 0.003 |
| | d | 621 | 342 | 3710 | 655 | 32.999 | 9.617 | 1.698 |
| | ß | 550 | 15 | 3277 | 30 | 11.756 | 8.495 | 0.078 |
| | a | 281 | 79 | 2009 | 96 | 36.133 | 5.208 | 0.249 |
| | y | 634 | 3178 | 1936 | 15542 | 43.466 | 5.019 | 40.288 |
| | l | 374 | 960 | 1378 | 5980 | 26.088 | 3.572 | 15.501 |
| | s | 319 | 521 | 1304 | 1332 | 7.199 | 3.38 | 3.453 |
| | k | 322 | 28 | 1171 | 74 | 26.091 | 3.035 | 0.192 |
| | t | 343 | 24 | 992 | 51 | 15.587 | 2.571 | 0.132 |
| | p | 286 | 16 | 551 | 30 | 3.751 | 1.428 | 0.078 |
| | î | 89 | 4 | 504 | 10 | 2.501 | 1.306 | 0.026 |
| | r | 135 | 988 | 503 | 5212 | 17.036 | 1.304 | 13.511 |
| | í | 47 | 3 | 199 | 5 | 2.424 | 0.516 | 0.013 |
| | e | 103 | 69 | 147 | 118 | 50.833 | 0.381 | 0.306 |
| | ï | 59 | 0 | 130 | 0 | 0.575 | 0.337 | 0 |
| | f | 90 | 17 | 126 | 24 | 1.143 | 0.327 | 0.062 |
| | • | 50 | 1 | 57 | 1 | 0.43 | 0.148 | 0.003 |
| | ð | 20 | 0 | 34 | 0 | 0.207 | 0.088 | 0 |
| | x | 9 | 9 | 19 | 17 | 0.109 | 0.049 | 0.044 |
| | g | 8 | 81 | 19 | 101 | 0.345 | 0.049 | 0.262 |
| | m | 3 | 361 | 16 | 1005 | 2.701 | 0.041 | 2.605 |
| | v | 3 | 1 | 9 | 7 | 0.026 | 0.023 | 0.018 |
| | i | 7 | 5 | 7 | 6 | 0.184 | 0.018 | 0.016 |
| | « | 1 | 1 | 5 | 5 | 0.013 | 0.013 | 0.013 |
| | Œ | 2 | 1 | 4 | 3 | 0.01 | 0.01 | 0.008 |
| | ¨ | 3 | 0 | 3 | 0 | 0.013 | 0.008 | 0 |
| | n | 1 | 79 | 3 | 149 | 0.404 | 0.008 | 0.386 |
| | ø | 2 | 49 | 3 | 132 | 0.391 | 0.008 | 0.342 |
| | O | 2 | 0 | 2 | 0 | 0.023 | 0.005 | 0 |
| | h | 2 | 3 | 2 | 3 | 0.316 | 0.005 | 0.008 |
| | ã | 2 | 73 | 2 | 192 | 0.534 | 0.005 | 0.498 |
| | À | 1 | 3 | 2 | 4 | 0.013 | 0.005 | 0.01 |
| | à | 2 | 0 | 2 | 0 | 0.036 | 0.005 | 0 |
| | û | 1 | 288 | 2 | 1715 | 4.521 | 0.005 | 4.446 |
| | W | 1 | 0 | 1 | 0 | 0.003 | 0.003 | 0 |
| | w | 1 | 548 | 1 | 4104 | 10.742 | 0.003 | 10.638 |
| | u | 1 | 2 | 1 | 2 | 0.008 | 0.003 | 0.005 |
| | z | 1 | 2 | 1 | 2 | 0.01 | 0.003 | 0.005 |
| | Đ | 1 | 1 | 1 | 1 | 0.003 | 0.003 | 0.003 |
| | Á | 1 | 0 | 1 | 0 | 0.065 | 0.003 | 0 |
| | É | 1 | 0 | 1 | 0 | 0.005 | 0.003 | 0 |
| | ê | 1 | 0 | 1 | 0 | 0.003 | 0.003 | 0 |
| | ‘ | 1 | 1 | 1 | 1 | 0.008 | 0.003 | 0.003 |
| | *f* | 1 | 0 | 1 | 0 | 0.005 | 0.003 | 0 |
| | š | 1 | 1 | 1 | 1 | 0.003 | 0.003 | 0.003 |
| | œ | 1 | 0 | 1 | 0 | 0.003 | 0.003 | 0 |
| | b | 1 | 0 | 1 | 0 | 0.003 | 0.003 | 0 |
| | Ó | 1 | 0 | 1 | 0 | 0.003 | 0.003 | 0 |
| | Ò | 1 | 2 | 1 | 2 | 0.005 | 0.003 | 0.005 |

**Ordered by Last Symbol**

| Glyph | | 1st | Last | 1st Word Count | Last Word Count | % of All Words | % 1st | % Last |
|---|---|---|---|---|---|---|---|---|
| | y | 634 | 3178 | 1936 | 15542 | 43.466 | 5.019 | 40.288 |
| | l | 374 | 960 | 1378 | 5980 | 26.088 | 3.572 | 15.501 |
| | r | 135 | 988 | 503 | 5212 | 17.036 | 1.304 | 13.511 |
| | w | 1 | 548 | 1 | 4104 | 10.742 | 0.003 | 10.638 |
| | û | 1 | 288 | 2 | 1715 | 4.521 | 0.005 | 4.446 |
| | s | 319 | 521 | 1304 | 1332 | 7.199 | 3.38 | 3.453 |
| | o | 1933 | 326 | 8899 | 1272 | 57.926 | 23.068 | 3.297 |
| | m | 3 | 361 | 16 | 1005 | 2.701 | 0.041 | 2.605 |
| | d | 621 | 342 | 3710 | 655 | 32.999 | 9.617 | 1.698 |
| | ã | 2 | 73 | 2 | 192 | 0.534 | 0.005 | 0.498 |
| | n | 1 | 79 | 3 | 149 | 0.404 | 0.008 | 0.386 |
| | ø | 2 | 49 | 3 | 132 | 0.391 | 0.008 | 0.342 |
| | e | 103 | 69 | 147 | 118 | 50.833 | 0.381 | 0.306 |
| | g | 8 | 81 | 19 | 101 | 0.345 | 0.049 | 0.262 |
| | a | 281 | 79 | 2009 | 96 | 36.133 | 5.208 | 0.249 |
| | k | 322 | 28 | 1171 | 74 | 26.091 | 3.035 | 0.192 |
| | t | 343 | 24 | 992 | 51 | 15.587 | 2.571 | 0.132 |
| | ß | 550 | 15 | 3277 | 30 | 11.756 | 8.495 | 0.078 |
| | p | 286 | 16 | 551 | 30 | 3.751 | 1.428 | 0.078 |
| | f | 90 | 17 | 126 | 24 | 1.143 | 0.327 | 0.062 |
| | x | 9 | 9 | 19 | 17 | 0.109 | 0.049 | 0.044 |
| | î | 89 | 4 | 504 | 10 | 2.501 | 1.306 | 0.026 |
| | c | 1132 | 3 | 6051 | 9 | 27.905 | 15.686 | 0.023 |
| | v | 3 | 1 | 9 | 7 | 0.026 | 0.023 | 0.018 |
| | i | 7 | 5 | 7 | 6 | 0.184 | 0.018 | 0.016 |
| | í | 47 | 3 | 199 | 5 | 2.424 | 0.516 | 0.013 |
| | « | 1 | 1 | 5 | 5 | 0.013 | 0.013 | 0.013 |
| | Â | 1 | 3 | 2 | 4 | 0.013 | 0.005 | 0.01 |
| | Œ | 2 | 1 | 4 | 3 | 0.01 | 0.01 | 0.008 |
| | h | 2 | 3 | 2 | 3 | 0.316 | 0.005 | 0.008 |
| | u | 1 | 2 | 1 | 2 | 0.008 | 0.003 | 0.005 |
| | z | 1 | 2 | 1 | 2 | 0.01 | 0.003 | 0.005 |
| | Ò | 1 | 2 | 1 | 2 | 0.005 | 0.003 | 0.005 |
| | q | 850 | 1 | 5425 | 1 | 14.151 | 14.063 | 0.003 |
| | • | 50 | 1 | 57 | 1 | 0.43 | 0.148 | 0.003 |
| | Đ | 1 | 1 | 1 | 1 | 0.003 | 0.003 | 0.003 |
| | ‘ | 1 | 1 | 1 | 1 | 0.008 | 0.003 | 0.003 |
| | š | 1 | 1 | 1 | 1 | 0.003 | 0.003 | 0.003 |
| | ï | 59 | 0 | 130 | 0 | 0.575 | 0.337 | 0 |
| | ð | 20 | 0 | 34 | 0 | 0.207 | 0.088 | 0 |
| | ¨ | 3 | 0 | 3 | 0 | 0.013 | 0.008 | 0 |
| | O | 2 | 0 | 2 | 0 | 0.023 | 0.005 | 0 |
| | à | 2 | 0 | 2 | 0 | 0.036 | 0.005 | 0 |
| | W | 1 | 0 | 1 | 0 | 0.003 | 0.003 | 0 |
| | Á | 1 | 0 | 1 | 0 | 0.065 | 0.003 | 0 |
| | É | 1 | 0 | 1 | 0 | 0.005 | 0.003 | 0 |
| | ê | 1 | 0 | 1 | 0 | 0.003 | 0.003 | 0 |
| | *f* | 1 | 0 | 1 | 0 | 0.005 | 0.003 | 0 |
| | œ | 1 | 0 | 1 | 0 | 0.003 | 0.003 | 0 |
| | b | 1 | 0 | 1 | 0 | 0.003 | 0.003 | 0 |
| | Ö | 1 | 0 | 1 | 0 | 0.003 | 0.003 | 0 |

Table 4.5: Initiator and Terminator Frequencies for Symbols, When Present in a Particular Word or Paragraph

| Symbol | | Distinct Words | | | | | Words | | | | | In Paragraphs | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Count | 1st Symbol Count | Last Symbol Count | 1st Symbol % | Last Symbol % | Count | 1st Symbol Count | Last Symbol Count | 1st Symbol % | Last Symbol % | 1st Symbol Count | Last Symbol Count | 1st in Paragraph % |
| | o | 5491 | 1933 | 326 | 35.203 | 5.937 | 7163 | 1933 | 326 | 26.986 | 4.551 | 20 | 8 | 0.279 |
| | c | 2997 | 1132 | 3 | 37.771 | 0.1 | 3283 | 1132 | 3 | 34.481 | 0.091 | 1 | 0 | 0.03 |
| | q | 882 | 850 | 1 | 96.372 | 0.113 | 884 | 850 | 1 | 96.154 | 0.113 | 32 | 0 | 3.62 |
| | y | 3807 | 634 | 3178 | 16.654 | 83.478 | 4253 | 634 | 3178 | 14.907 | 74.724 | 15 | 328 | 0.353 |
| | d | 3104 | 621 | 342 | 20.006 | 11.018 | 3423 | 621 | 342 | 18.142 | 9.991 | 19 | 6 | 0.555 |
| | ß | 1243 | 550 | 15 | 44.248 | 1.207 | 1278 | 550 | 15 | 43.036 | 1.174 | 7 | 0 | 0.548 |
| | l | 2755 | 374 | 960 | 13.575 | 34.846 | 3105 | 374 | 960 | 12.045 | 30.918 | 2 | 66 | 0.064 |
| | s | 1178 | 319 | 521 | 27.08 | 44.228 | 1245 | 319 | 521 | 25.622 | 41.847 | 14 | 23 | 1.124 |
| | a | 3419 | 281 | 79 | 8.219 | 2.311 | 3888 | 281 | 79 | 7.227 | 2.032 | 0 | 1 | 0 |
| | r | 1699 | 135 | 988 | 7.946 | 58.152 | 1835 | 135 | 988 | 7.357 | 53.842 | 2 | 64 | 0.109 |
| | e | 5147 | 103 | 69 | 2.001 | 1.341 | 8922 | 103 | 69 | 1.154 | 0.773 | 0 | 0 | 0 |
| | • | 146 | 50 | 1 | 34.247 | 0.685 | 151 | 50 | 1 | 33.113 | 0.662 | 0 | 0 | 0 |
| | x | 32 | 9 | 9 | 28.125 | 28.125 | 32 | 9 | 9 | 28.125 | 28.125 | 0 | 0 | 0 |
| | g | 112 | 8 | 81 | 7.143 | 72.321 | 112 | 8 | 81 | 7.143 | 72.321 | 0 | 5 | 0 |
| | i | 63 | 7 | 5 | 11.111 | 7.937 | 126 | 7 | 5 | 5.556 | 3.968 | 0 | 0 | 0 |
| | m | 395 | 3 | 361 | 0.759 | 91.392 | 405 | 3 | 361 | 0.741 | 89.136 | 0 | 79 | 0 |
| | v | 4 | 3 | 1 | 75 | 25 | 4 | 3 | 1 | 75 | 25 | 0 | 0 | 0 |
| | O | 9 | 2 | 0 | 22.222 | 0 | 9 | 2 | 0 | 22.222 | 0 | 0 | 0 | 0 |
| | ø | 67 | 2 | 49 | 2.985 | 73.134 | 67 | 2 | 49 | 2.985 | 73.134 | 0 | 0 | 0 |
| | h | 90 | 2 | 3 | 2.222 | 3.333 | 92 | 2 | 3 | 2.174 | 3.261 | 0 | 0 | 0 |
| | à | 13 | 2 | 0 | 15.385 | 0 | 13 | 2 | 0 | 15.385 | 0 | 0 | 0 | 0 |
| | ã | 86 | 2 | 73 | 2.326 | 84.884 | 87 | 2 | 73 | 2.299 | 83.908 | 0 | 8 | 0 |
| | Œ | 2 | 2 | 1 | 100 | 50 | 2 | 2 | 1 | 100 | 50 | 0 | 0 | 0 |
| | ‘ | 3 | 1 | 1 | 33.333 | 33.333 | 4 | 1 | 1 | 25 | 25 | 0 | 0 | 0 |
| | *f* | 2 | 1 | 0 | 50 | 0 | 2 | 1 | 0 | 50 | 0 | 0 | 0 | 0 |
| | À | 4 | 1 | 3 | 25 | 75 | 4 | 1 | 3 | 25 | 75 | 0 | 0 | 0 |
| | b | 1 | 1 | 0 | 100 | 0 | 1 | 1 | 0 | 100 | 0 | 0 | 0 | 0 |
| | Á | 24 | 1 | 0 | 4.167 | 0 | 24 | 1 | 0 | 4.167 | 0 | 0 | 0 | 0 |
| | É | 2 | 1 | 0 | 50 | 0 | 2 | 1 | 0 | 50 | 0 | 0 | 0 | 0 |
| | ê | 1 | 1 | 0 | 100 | 0 | 1 | 1 | 0 | 100 | 0 | 0 | 0 | 0 |
| | n | 86 | 1 | 79 | 1.163 | 91.86 | 86 | 1 | 79 | 1.163 | 91.86 | 0 | 6 | 0 |
| | Ò | 2 | 1 | 2 | 50 | 100 | 2 | 1 | 2 | 50 | 100 | 0 | 0 | 0 |
| | W | 1 | 1 | 0 | 100 | 0 | 1 | 1 | 0 | 100 | 0 | 0 | 0 | 0 |
| | w | 583 | 1 | 548 | 0.172 | 93.997 | 584 | 1 | 548 | 0.171 | 93.836 | 0 | 101 | 0 |
| | û | 316 | 1 | 288 | 0.316 | 91.139 | 316 | 1 | 288 | 0.316 | 91.139 | 0 | 51 | 0 |
| | u | 3 | 1 | 2 | 33.333 | 66.667 | 3 | 1 | 2 | 33.333 | 66.667 | 0 | 0 | 0 |
| | Ð | 1 | 1 | 1 | 100 | 100 | 1 | 1 | 1 | 100 | 100 | 0 | 0 | 0 |
| | Þ | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Ý | 25 | 0 | 17 | 0 | 68 | 25 | 0 | 17 | 0 | 68 | 0 | 0 | 0 |
| | ù | 21 | 0 | 16 | 0 | 76.19 | 21 | 0 | 16 | 0 | 76.19 | 0 | 0 | 0 |
| | ú | 33 | 0 | 26 | 0 | 78.788 | 33 | 0 | 26 | 0 | 78.788 | 0 | 2 | 0 |
| | ó | 1 | 0 | 1 | 0 | 100 | 1 | 0 | 1 | 0 | 100 | 0 | 0 | 0 |
| | ô | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ö | 11 | 0 | 11 | 0 | 100 | 11 | 0 | 11 | 0 | 100 | 0 | 3 | 0 |
| | ì | 22 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Î | 2 | 0 | 2 | 0 | 100 | 2 | 0 | 2 | 0 | 100 | 0 | 0 | 0 |
| | j | 2 | 0 | 1 | 0 | 50 | 2 | 0 | 1 | 0 | 50 | 0 | 0 | 0 |
| | ë | 1 | 0 | 1 | 0 | 100 | 1 | 0 | 1 | 0 | 100 | 0 | 0 | 0 |
| | â | 236 | 0 | 131 | 0 | 55.508 | 237 | 0 | 131 | 0 | 55.274 | 0 | 2 | 0 |
| | ¦ | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ½ | 2 | 0 | 2 | 0 | 100 | 2 | 0 | 2 | 0 | 100 | 0 | 0 | 0 |
| | ÷ | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | S | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Table 4.6: Top 25 Deviations from Expected Conditional Probabilities between 1st and Last Symbols in the Same Word

| Rank #1 | Rank #2 | 1st Symbol | Last Symbol | | | Word Count | % | 1st Symbol Probability | Last Symbol Probability | Independent Expected Probability | Dependent Probability | Conditional Independence Difference |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | ȣ | ϑ | d | y | 836 | 2.167 | 0.09617 | 0.40288 | 0.03874 | 0.02167 | -0.01707 |
| 2 | 2 | ϩ | ϑ | c | y | 3074 | 7.969 | 0.15686 | 0.40288 | 0.06319 | 0.07969 | 0.01649 |
| 3 | 3 | ϧ | ϑ | a | y | 237 | 0.614 | 0.05208 | 0.40288 | 0.02098 | 0.00614 | -0.01484 |
| 4 | 4 | ȣ | ϣ | d | w | 945 | 2.45 | 0.09617 | 0.10638 | 0.01023 | 0.0245 | 0.01426 |
| 5 | 5 | ϫ | ϑ | ß | y | 1856 | 4.811 | 0.08495 | 0.40288 | 0.03422 | 0.04811 | 0.01388 |
| 6 | 6 | ϥ | ϑ | q | y | 2635 | 6.831 | 0.14063 | 0.40288 | 0.05665 | 0.06831 | 0.01165 |
| 7 | 7 | ϩ | ϣ | c | w | 316 | 0.819 | 0.15686 | 0.10638 | 0.01668 | 0.00819 | -0.00849 |
| 8 | 8 | ϩ | ϑ | s | y | 226 | 0.586 | 0.0338 | 0.40288 | 0.01361 | 0.00586 | -0.00775 |
| 9 | 9 | ο | ϑ | o | y | 3286 | 8.518 | 0.23068 | 0.40288 | 0.09293 | 0.08518 | -0.00775 |
| 10 | 10 | ϧ | ϣ | a | w | 506 | 1.312 | 0.05208 | 0.10638 | 0.00554 | 0.01312 | 0.00757 |
| 11 | 11 | ϩ | ϩ | s | s | 279 | 0.723 | 0.0338 | 0.03453 | 0.00116 | 0.00723 | 0.00606 |
| 12 | 12 | ϫ | ϣ | ß | w | 118 | 0.306 | 0.08495 | 0.10638 | 0.00903 | 0.00306 | -0.00597 |
| 13 | 13 | ο | ϫ | o | l | 1605 | 4.161 | 0.23068 | 0.15501 | 0.03575 | 0.04161 | 0.00585 |
| 14 | 14 | ϥ | ϩ | q | r | 539 | 1.397 | 0.14063 | 0.13511 | 0.01900 | 0.01397 | -0.00503 |
| 15 | 15 | ϥ | ϣ | q | û | 414 | 1.073 | 0.14063 | 0.04446 | 0.00625 | 0.01073 | 0.00447 |
| 16 | 16 | ϑ | ϑ | y | y | 936 | 2.426 | 0.05019 | 0.40288 | 0.02022 | 0.02426 | 0.00403 |
| 17 | 17 | ϫ | ϩ | ß | r | 293 | 0.76 | 0.08495 | 0.13511 | 0.01147 | 0.0076 | -0.00387 |
| 18 | 18 | ϧ | ϩ | a | r | 421 | 1.091 | 0.05208 | 0.13511 | 0.00703 | 0.01091 | 0.00387 |
| 19 | 19 | ο | ϩ | o | r | 1337 | 3.466 | 0.23068 | 0.13511 | 0.03116 | 0.03466 | 0.00349 |
| 20 | 20 | ϩ | ϣ | c | û | 140 | 0.363 | 0.15686 | 0.04446 | 0.00697 | 0.00363 | -0.00334 |
| 21 | 21 | ο | ϣ | o | w | 831 | 2.154 | 0.23068 | 0.10638 | 0.02453 | 0.02154 | -0.00299 |
| 22 | 22 | ϫ | ϑ | l | y | 670 | 1.737 | 0.03572 | 0.40288 | 0.01439 | 0.01737 | 0.00297 |
| 23 | 23 | ϥ | ϩ | q | s | 79 | 0.205 | 0.14063 | 0.03453 | 0.00485 | 0.00205 | -0.00280 |
| 24 | 24 | ϫ | ο | ß | o | 210 | 0.544 | 0.08495 | 0.03297 | 0.00280 | 0.00544 | 0.00263 |
| 25 | 25 | ϫ | ϣ | ß | û | 48 | 0.124 | 0.08495 | 0.04446 | 0.00377 | 0.00124 | -0.00253 |

Table 4.7: Remaining Instances of ϩ (n) after the Replacements in Version #16

| Rank | Digraph | | Count | # Occurring at the End of Words |
|---|---|---|---|---|
| 1 | an | ⲁϩ | 91 | 88 |
| 2 | en | ⲉϩ | 14 | 17 |
| 3 | n | ϩ | 2 | 2 |
| 3 | on | ⲟϩ | 2 | 2 |
| 5 | rn | ⲣϩ | 1 | 1 |
| 5 | ûn | ϣϩ | 1 | 1 |
| 5 | Wn | ϣϩ | 1 | 1 |
| 5 | Ýn | ϣϩ | 1 | 1 |
| 5 | ân | ϣϩ | 1 | 1 |

Table 4.8: Differentiation in Functions between F-Group and N-Group Letters in Version #16

| | Glyph | All/Distinct Words | | | Initiators | | | | Terminators | | | | s | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Words | Distinct # | Ratio | Words | Distinct # | % | Distinct % | Words | Distinct | % | Distinct % | Words | Distinct | % | Distinct % |
| | **The F-Group** | | | | | | | | | | | | | | | |
| | p | 1453 | 767 | 0.528 | 550 | 286 | 37.853 | 37.288 | 30 | 16 | 2.065 | 2.086 | 881 | 468 | 60.633 | 61.017 |
| | f | 444 | 340 | 0.766 | 126 | 90 | 28.378 | 26.471 | 24 | 17 | 5.405 | 5 | 301 | 235 | 67.793 | 69.118 |
| | « | 5 | 1 | 0.200 | 5 | 1 | 100 | 100 | 5 | 1 | 100 | 100 | 0 | 0 | 0 | 0 |
| | œ | 1 | 1 | 1 | 1 | 1 | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | F | 3 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 100 | 100 |
| | Ç | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 100 | 100 | 0 | 0 | 0 | 0 |
| | ¡ | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 100 | 100 |
| | **The N-Group** | | | | | | | | | | | | | | | |
| | k | 10122 | 2348 | 0.232 | 1171 | 322 | 11.569 | 13.714 | 74 | 28 | 0.731 | 1.193 | 8887 | 2017 | 87.799 | 85.903 |
| | t | 6060 | 1670 | 0.276 | 990 | 342 | 16.337 | 20.479 | 51 | 24 | 0.842 | 1.437 | 5027 | 1321 | 82.954 | 79.102 |
| | ¨ | 6 | 5 | 0.833 | 3 | 3 | 50 | 60 | 0 | 0 | 0 | 0 | 3 | 3 | 50 | 60 |
| | z | 4 | 4 | 1 | 1 | 1 | 25 | 25 | 2 | 2 | 50 | 50 | 1 | 1 | 25 | 25 |
| | Ö | 1 | 1 | 1 | 1 | 1 | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ‰ | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 100 | 100 |
| | × | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 100 | 100 |
| | Å | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 50 | 50 | 1 | 1 | 50 | 50 |
| | K | 10 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | 100 | 100 |
| | T | 18 | 15 | 0.833 | 0 | 0 | 0 | 0 | 1 | 1 | 5.556 | 6.667 | 17 | 14 | 94.444 | 93.333 |
| | **Beta-Group Members Also Found in the F-Group and N-Group** | | | | | | | | | | | | | | | |
| | î | 970 | 264 | 0.272 | 504 | 89 | 51.959 | 33.712 | 10 | 4 | 1.031 | 1.515 | 461 | 176 | 47.526 | 66.667 |
| | í | 936 | 249 | 0.266 | 199 | 47 | 21.261 | 18.876 | 5 | 3 | 0.534 | 1.205 | 732 | 200 | 78.205 | 80.321 |
| | ï | 222 | 120 | 0.541 | 130 | 59 | 58.559 | 49.167 | 0 | 0 | 0 | 0 | 92 | 61 | 41.441 | 50.833 |
| | ð | 80 | 61 | 0.763 | 34 | 20 | 42.500 | 32.787 | 0 | 0 | 0 | 0 | 46 | 41 | 57.500 | 67.213 |
| | ñ | 1 | 1 | 1.000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 100 | 100 |

Table 4.9: Frequencies of Paragraph Initiation and Termination Symbols in Version #16

**Initiators**

| Rank | Symbol | | Paragraph Count | % of Paragraphs | % 1st Symbol |
|---|---|---|---|---|---|
| 1 | | p | 338 | 44.828 | 1.428 |
| 2 | | t | 173 | 22.944 | 2.571 |
| 3 | | k | 80 | 10.61 | 3.035 |
| 4 | | f | 33 | 4.377 | 0.327 |
| 5 | | q | 32 | 4.244 | 14.063 |
| 6 | | o | 20 | 2.653 | 23.068 |
| 7 | | d | 19 | 2.52 | 9.617 |
| 8 | | y | 15 | 1.989 | 5.019 |
| 9 | | s | 14 | 1.857 | 3.38 |
| 10 | | ß | 7 | 0.928 | 8.495 |
| 10 | | î | 7 | 0.928 | 1.306 |
| 12 | | ï | 5 | 0.663 | 0.337 |
| 13 | | ¨ | 3 | 0.398 | 0.036 |
| 14 | | * | 2 | 0.265 | |
| 14 | | l | 2 | 0.265 | 3.572 |
| 14 | | r | 2 | 0.265 | 1.304 |
| 17 | | œ | 1 | 0.133 | 0.012 |
| 17 | | c | 1 | 0.133 | 15.686 |
| N/A | | a | 0 | 0 | 5.208 |

**Terminators**

| Rank | Symbol | | Paragraph Count | % of Paragraphs | % Last Symbol |
|---|---|---|---|---|---|
| 1 | | y | 328 | 43.501 | 40.288 |
| 2 | | w | 101 | 13.395 | 10.638 |
| 3 | | m | 79 | 10.477 | 2.605 |
| 4 | | l | 66 | 8.753 | 15.501 |
| 5 | | r | 64 | 8.488 | 13.511 |
| 6 | | û | 51 | 6.764 | 4.446 |
| 7 | | s | 23 | 3.05 | 3.453 |
| 8 | | o | 8 | 1.061 | 3.297 |
| 8 | | ã | 8 | 1.061 | 0.498 |
| 10 | | d | 6 | 0.796 | 1.698 |
| 10 | | n | 6 | 0.796 | 0.386 |
| 12 | | g | 5 | 0.663 | 0.262 |
| 13 | | ö | 3 | 0.398 | 0 |
| 14 | | â | 2 | 0.265 | 0 |
| 14 | | ú | 2 | 0.265 | 0 |
| 16 | | t | 1 | 0.133 | 0.132 |
| 16 | | a | 1 | 0.133 | 0.249 |

Table 4.10: Identification of Paragraph Initiators and Terminators in Version #26

| | Paragraph Initiator Score | | Paragraph Terminator Score |
|---|---|---|---|
| **Top 6** | | | |
| [illegible] | 0.43222 | [illegible] | 0.34724 |
| [illegible] | 0.18764 | [illegible] | 0.18793 |
| [illegible] | 0.04741 | [illegible] | 0.10396 |
| [illegible] | 0.03985 | [illegible] | 0.04798 |
| [illegible] | 0.01390 | [illegible] | 0.03264 |
| [illegible] | 0.00244 | [illegible] | 0.00571 |
| **Bottom 6** | | | |
| [illegible] | -0.05964 | [illegible] | -0.05736 |
| [illegible] | -0.06325 | [illegible] | -0.05964 |
| [illegible] | -0.06771 | [illegible] | -0.07237 |
| [illegible] | -0.07366 | [illegible] | -0.09031 |
| [illegible] | -0.09271 | [illegible] | -0.12106 |
| [illegible] | -0.19160 | [illegible] | -0.19160 |

Table 4.11: Trimming of Paragraph and Word Initiators and Terminators across Versions #1-26

| Version | Counts | | | | | Averages | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Paragraphs | | Words | | | Paragraphs | | Words | | |
| | Initiators | Terminators | Initiators | Terminators | Words | Initiators | Terminators | Initiators | Terminators | Word Score |
| 3 | 7 | 6 | 25 | 20 | 26 | 0.103 | 0.120 | 0.351 | 0.529 | 0.288 |
| 4 | 8 | 8 | 21 | 20 | 25 | 0.091 | 0.092 | 0.366 | 0.551 | 0.311 |
| 5 | 8 | 8 | 21 | 20 | 25 | 0.090 | 0.091 | 0.366 | 0.551 | 0.311 |
| 6 | 10 | 8 | 24 | 20 | 28 | 0.074 | 0.091 | 0.355 | 0.551 | 0.301 |
| 7 | 7 | 7 | 22 | 20 | 26 | 0.103 | 0.103 | 0.354 | 0.551 | 0.303 |
| 8 | 7 | 7 | 21 | 20 | 25 | 0.103 | 0.103 | 0.366 | 0.551 | 0.311 |
| 9 | 7 | 12 | 21 | 27 | 26 | 0.102 | 0.059 | 0.366 | 0.583 | 0.316 |
| 10 | 10 | 13 | 25 | 25 | 30 | 0.073 | 0.055 | 0.346 | 0.586 | 0.299 |
| 11 | 10 | 13 | 25 | 27 | 30 | 0.073 | 0.055 | 0.346 | 0.583 | 0.299 |
| 12 | 10 | 13 | 25 | 27 | 30 | 0.073 | 0.055 | 0.346 | 0.583 | 0.299 |
| 13 | 10 | 13 | 25 | 27 | 30 | 0.073 | 0.055 | 0.346 | 0.583 | 0.299 |
| 14 | 10 | 8 | 24 | 20 | 28 | 0.074 | 0.091 | 0.355 | 0.551 | 0.301 |
| 15 | 7 | 12 | 21 | 27 | 26 | 0.102 | 0.059 | 0.366 | 0.583 | 0.316 |
| 16 | 10 | 13 | 25 | 26 | 30 | 0.073 | 0.055 | 0.346 | 0.587 | 0.299 |
| 17 | 10 | 7 | 25 | 26 | 30 | 0.073 | 0.101 | 0.346 | 0.576 | 0.299 |
| 18 | 11 | 13 | 27 | 26 | 31 | 0.067 | 0.055 | 0.361 | 0.587 | 0.304 |
| 19 | 11 | 7 | 27 | 16 | 28 | 0.068 | 0.103 | 0.361 | 0.532 | 0.291 |
| 21 | 11 | 13 | 27 | 26 | 31 | 0.067 | 0.055 | 0.361 | 0.587 | 0.304 |
| 22 | 11 | 13 | 27 | 26 | 31 | 0.067 | 0.055 | 0.361 | 0.587 | 0.304 |
| 23 | 11 | 13 | 21 | 21 | 25 | 0.067 | 0.055 | 0.381 | 0.581 | 0.277 |
| 24 | 7 | 7 | 10 | 10 | 10 | 0.103 | 0.105 | 0.345 | 0.467 | 0.203 |
| 25 | 7 | 7 | 9 | 10 | 10 | 0.104 | 0.103 | 0.326 | 0.467 | 0.203 |
| 26 | 6 | 6 | 9 | 10 | 10 | 0.121 | 0.121 | 0.326 | 0.467 | 0.203 |

Table 4.12: Separation in Paragraph and Word Initiator Scores in Version #26

| Symbol | | Paragraph Initiator Score | Word Initiator Score | Difference |
|---|---|---|---|---|
| q | [illegible] | 0.01390 | 0.77137 | -0.75746 |
| v | [illegible] | -0.00003 | 0.67799 | -0.67803 |
| c | [illegible] | -0.06324 | 0.32165 | -0.38490 |
| p | [illegible] | 0.43221 | 0.15678 | 0.27542 |
| s | [illegible] | -0.01582 | 0.23642 | -0.25224 |
| t | [illegible] | 0.18764 | -0.05831 | 0.24595 |
| x | [illegible] | -0.00020 | 0.24141 | -0.24161 |
| Ä | [illegible] | 0.00243 | -0.22200 | 0.22443 |
| j | [illegible] | -0.00002 | -0.22200 | 0.22197 |
| o | [illegible] | -0.09270 | 0.12114 | -0.21385 |
| m | [illegible] | -0.00557 | -0.20676 | 0.20118 |
| n | [illegible] | -0.03114 | -0.20277 | 0.17162 |
| k | [illegible] | 0.04740 | -0.10611 | 0.15352 |
| i | [illegible] | -0.05963 | -0.17200 | 0.11236 |
| r | [illegible] | -0.03707 | -0.14879 | 0.11171 |
| d | [illegible] | -0.03545 | 0.05873 | -0.09418 |
| g | [illegible] | -0.00073 | -0.08459 | 0.08386 |
| y | [illegible] | -0.06770 | -0.11366 | 0.04595 |
| l | [illegible] | -0.05112 | -0.09260 | 0.04147 |
| e | [illegible] | -0.19159 | -0.21484 | 0.02324 |
| f | [illegible] | 0.03984 | 0.06306 | -0.02322 |
| a | [illegible] | -0.07365 | -0.08426 | 0.01060 |

Table 4.13: Separation in Paragraph and Word Terminator Scores in Version #26

| Symbol | | Paragraph Terminator Score | Word Terminator Score | Difference |
|---|---|---|---|---|
| m | | 0.10395 | 0.73228 | -0.62832 |
| n | | 0.18792 | 0.73312 | -0.54520 |
| g | | 0.00570 | 0.54135 | -0.53564 |
| r | | 0.04797 | 0.54537 | -0.49740 |
| v | | -0.00003 | 0.47799 | -0.47803 |
| l | | 0.03264 | 0.34005 | -0.30741 |
| y | | 0.34724 | 0.65032 | -0.30308 |
| Ä | | -0.00014 | 0.27799 | -0.27814 |
| s | | -0.00422 | 0.24487 | -0.24910 |
| q | | -0.02733 | -0.22181 | 0.19448 |
| p | | -0.00850 | -0.20133 | 0.19283 |
| t | | -0.03400 | -0.21356 | 0.17956 |
| x | | -0.00020 | 0.16824 | -0.16844 |
| f | | -0.00268 | -0.16770 | 0.16502 |
| k | | -0.05568 | -0.21467 | 0.15898 |
| a | | -0.07237 | -0.21548 | 0.14311 |
| c | | -0.09030 | -0.22119 | 0.13088 |
| i | | -0.05963 | -0.17914 | 0.11950 |
| d | | -0.05735 | -0.17234 | 0.11498 |
| j | | -0.00002 | 0.11133 | -0.11135 |
| o | | -0.12105 | -0.17298 | 0.05192 |
| e | | -0.19159 | -0.21732 | 0.02572 |

Table 4.14: Initiators and Terminators in Version #16 by Section

**Initiators**

| Rank | Symbol | | Paragraph Count | % of Paragraphs |
|---|---|---|---|---|
| | **Herbal Section** | | | |
| 1 | | p | 99 | 38.077 |
| 2 | | t | 74 | 28.462 |
| 3 | | k | 43 | 16.538 |
| 4 | | f | 15 | 5.769 |
| 5 | | o | 7 | 2.692 |
| 5 | | q | 7 | 2.692 |
| 7 | | î | 4 | 1.538 |
| 8 | | y | 3 | 1.154 |
| 8 | | ß | 3 | 1.154 |
| 10 | | ï | 2 | 0.769 |
| 11 | | œ | 1 | 0.385 |
| 11 | | d | 1 | 0.385 |
| 11 | | s | 1 | 0.385 |
| | **Balneological Section** | | | |
| 1 | | p | 54 | 62.791 |
| 2 | | t | 13 | 15.116 |
| 3 | | q | 8 | 9.302 |
| 4 | | k | 5 | 5.814 |
| 5 | | o | 1 | 1.163 |
| 5 | | d | 1 | 1.163 |
| 5 | | î | 1 | 1.163 |
| 5 | | ï | 1 | 1.163 |
| 5 | | r | 1 | 1.163 |
| 5 | | s | 1 | 1.163 |
| | **Pharmacological Section** | | | |
| 1 | | p | 168 | 44.094 |
| 2 | | t | 85 | 22.31 |
| 3 | | k | 31 | 8.136 |
| 4 | | d | 17 | 4.462 |
| 4 | | f | 17 | 4.462 |
| 4 | | q | 17 | 4.462 |
| 7 | | s | 12 | 3.15 |
| 8 | | o | 11 | 2.887 |
| 9 | | y | 10 | 2.625 |
| 10 | | ß | 4 | 1.05 |
| 11 | | ¨ | 3 | 0.787 |
| 12 | | l | 2 | 0.525 |
| 13 | | c | 1 | 0.262 |
| 13 | | î | 1 | 0.262 |
| 13 | | ï | 1 | 0.262 |
| 13 | | r | 1 | 0.262 |
| | **Cosmological Section** | | | |
| 1 | | p | 17 | 85 |
| 2 | | t | 1 | 5 |

**Terminators**

| Rank | Symbol | | Paragraph Count | % of Paragraphs |
|---|---|---|---|---|
| | **Herbal Section** | | | |
| 1 | | y | 100 | 38.462 |
| 2 | | w | 52 | 20 |
| 3 | | m | 30 | 11.538 |
| 4 | | l | 20 | 7.692 |
| 5 | | r | 18 | 6.923 |
| 6 | | û | 16 | 6.154 |
| 7 | | s | 5 | 1.923 |
| 8 | | n | 4 | 1.538 |
| 8 | | g | 4 | 1.538 |
| 10 | | ã | 3 | 1.154 |
| 10 | | o | 3 | 1.154 |
| 12 | | ö | 2 | 0.769 |
| 12 | | d | 2 | 0.769 |
| 14 | | â | 1 | 0.385 |
| | **Balneological** | | | |
| 1 | | y | 53 | 61.628 |
| 2 | | l | 13 | 15.116 |
| 3 | | r | 8 | 9.302 |
| 4 | | s | 3 | 3.488 |
| 4 | | û | 3 | 3.488 |
| 4 | | ã | 3 | 3.488 |
| 7 | | m | 1 | 1.163 |
| 7 | | o | 1 | 1.163 |
| 7 | | w | 1 | 1.163 |
| | **Pharmacological** | | | |
| 1 | | y | 163 | 42.782 |
| 2 | | w | 44 | 11.549 |
| 3 | | m | 42 | 11.024 |
| 4 | | r | 34 | 8.924 |
| 5 | | l | 33 | 8.661 |
| 6 | | û | 32 | 8.399 |
| 7 | | s | 15 | 3.937 |
| 8 | | o | 4 | 1.05 |
| 9 | | d | 3 | 0.787 |
| 10 | | ã | 2 | 0.525 |
| 10 | | n | 2 | 0.525 |
| 10 | | ú | 2 | 0.525 |
| 13 | | ö | 1 | 0.262 |
| 13 | | t | 1 | 0.262 |
| 13 | | g | 1 | 0.262 |
| 13 | | a | 1 | 0.262 |
| 13 | | â | 1 | 0.262 |
| | **Cosmological** | | | |
| 1 | | y | 7 | 35 |
| 2 | | m | 5 | 25 |

| | | | | |
|---|---|---|---|---|
| 2 | | î | 1 | 5 |
| 2 | | k | 1 | 5 |
| | Front/Backmatter | | | |
| 1 | | * | 2 | 28.571 |
| 1 | | y | 2 | 28.571 |
| 3 | | f | 1 | 14.286 |
| 3 | | ï | 1 | 14.286 |
| 3 | | o | 1 | 14.286 |

| | | | | |
|---|---|---|---|---|
| 3 | | r | 4 | 20 |
| 4 | | w | 3 | 15 |
| 5 | | d | 1 | 5 |
| | Front/Backmatter | | | |
| 1 | | y | 5 | 71.429 |
| 2 | | m | 1 | 14.286 |
| 2 | | w | 1 | 14.286 |

Table 4.15: Highest-Ranked Word Initiators and Terminators for All Label Types in Version #18

**Ranked by Most Frequent Initiators**

| Rank | Symbol | | Word Count | % | % of All Word Initiators |
|---|---|---|---|---|---|
| 1 | | o | 1955 | 39.384 | 23.068 |
| 2 | | c | 567 | 11.422 | 15.686 |
| 3 | | d | 485 | 9.77 | 9.617 |
| 4 | | a | 416 | 8.38 | 5.208 |
| 5 | | y | 341 | 6.869 | 5.019 |
| 6 | | ß | 272 | 5.479 | 8.495 |
| 7 | | s | 209 | 4.21 | 3.38 |
| 8 | | q | 182 | 3.666 | 14.063 |
| 9 | | t | 94 | 1.894 | 2.571 |
| 10 | | k | 72 | 1.45 | 3.035 |
| 11 | | • | 59 | 1.189 | 0.148 |
| 12 | | l | 52 | 1.048 | 3.572 |
| 13 | | r | 50 | 1.007 | 1.304 |
| 14 | | e | 47 | 0.947 | 0.381 |
| 15 | | p | 20 | 0.403 | 1.428 |
| 16 | | * | 19 | 0.383 | N/A |
| 17 | | Ü | 17 | 0.342 | 1.306 |
| 18 | | f | 15 | 0.302 | 0.327 |
| 19 | | x | 13 | 0.262 | 0.049 |
| 20 | | v | 9 | 0.181 | 0.023 |
| 21 | | í | 8 | 0.161 | 0.516 |
| 22 | | m | 6 | 0.121 | 0.041 |
| 22 | | ¬ | 6 | 0.121 | 0 |
| 24 | | ª | 5 | 0.101 | 0 |
| 24 | | « | 5 | 0.101 | 0.013 |
| 26 | | Œ | 4 | 0.081 | 0.01 |
| 26 | | © | 4 | 0.081 | 0 |
| 26 | | ï | 4 | 0.081 | 0.337 |

**Ranked by Most Frequent Terminators**

| Rank | Symbol | | Word Count | % | % of All Word Terminators |
|---|---|---|---|---|---|
| 1 | | y | 1811 | 36.483 | 40.288 |
| 2 | | l | 714 | 14.384 | 15.501 |
| 3 | | r | 709 | 14.283 | 13.511 |
| 4 | | w | 362 | 7.293 | 10.638 |
| 5 | | s | 355 | 7.151 | 3.453 |
| 6 | | o | 224 | 4.512 | 3.297 |
| 7 | | m | 144 | 2.901 | 2.605 |
| 8 | | â | 109 | 2.196 | 1.57 |
| 9 | | d | 104 | 2.095 | 1.698 |
| 10 | | û | 53 | 1.068 | 4.446 |
| 11 | | ã | 43 | 0.866 | 0.875 |
| 12 | | g | 42 | 0.846 | 0.262 |
| 13 | | ø | 34 | 0.685 | 0.342 |
| 14 | | a | 33 | 0.665 | 0.249 |
| 15 | | e | 29 | 0.584 | 0.306 |
| 16 | | * | 25 | 0.504 | N/A |
| 17 | | k | 18 | 0.363 | 0.192 |
| 18 | | t | 14 | 0.282 | 0.132 |
| 19 | | n | 13 | 0.262 | 0.386 |
| 20 | | f | 11 | 0.222 | 0.062 |
| 20 | | x | 11 | 0.222 | 0.044 |
| 22 | | ù | 8 | 0.161 | 0 |
| 22 | | Ý | 8 | 0.161 | 0.342 |
| 22 | | p | 8 | 0.161 | 0.078 |
| 22 | | ß | 8 | 0.161 | 0.078 |
| 26 | | v | 7 | 0.141 | 0.018 |
| 27 | | c | 6 | 0.121 | 0.023 |
| 27 | | ¬ | 6 | 0.121 | 0 |
| 29 | | ª | 5 | 0.101 | 0 |
| 29 | | « | 5 | 0.101 | 0.013 |
| 31 | | © | 4 | 0.081 | 0 |
| 31 | | À | 4 | 0.081 | 0.01 |
| 31 | | ú | 4 | 0.081 | 0 |
| 34 | | Œ | 3 | 0.06 | 0.008 |

Table 4.16: Highest-Ranked Word Initiators and Terminators for Paragraph Labels in Version #18

**Paragraph Label Initiators (with Length > 1)**

| Rank | Symbol | | Word Count | % | Herbal Section % | Document-Wide % |
|---|---|---|---|---|---|---|
| 1 | | o | 29 (15) | 29.293 | 23.438 | 23.068 |
| 2 | | c | 13 (5) | 13.131 | 7.813 | 15.686 |
| 3 | | d | 12 (12) | 12.121 | 18.75 | 9.617 |
| 4 | | s | 9 (8) | 9.091 | 12.5 | 3.38 |
| 5 | | y | 8 (6) | 8.081 | 9.375 | 5.019 |
| 6 | | q | 7 (5) | 7.071 | 7.813 | 14.063 |
| 7 | | a | 4 (3) | 4.04 | 4.688 | 5.208 |
| 8 | | k | 3 (3) | 3.03 | 4.688 | 3.035 |
| 8 | | ß | 3 (1) | 3.03 | 1.563 | 8.495 |
| 10 | | Ü | 2 (1) | 2.02 | 1.563 | 1.306 |
| 10 | | p | 2 (2) | 2.02 | 3.125 | 2.571 |
| 10 | | l | 2 (0) | 2.02 | 0 | 3.572 |
| 13 | | • | 1 (1) | 1.01 | 1.563 | 0.012 |
| 13 | | e | 1 (0) | 1.01 | 0 | 0.381 |
| 13 | | f | 1 (1) | 1.01 | 1.563 | 0.327 |

**Paragraph Label Terminators**

| Rank | Symbol | | Word Count | % | Document-Wide % |
|---|---|---|---|---|---|
| 1 | | y | 31 | 31.313 | 40.288 |
| 2 | | l | 17 | 17.172 | 15.501 |
| 3 | | r | 15 | 15.152 | 13.511 |
| 4 | | w | 10 | 10.101 | 10.638 |
| 5 | | s | 5 | 5.051 | 3.453 |
| 5 | | â | 5 | 5.051 | 1.57 |
| 7 | | û | 3 | 3.03 | 4.446 |
| 8 | | a | 2 | 2.02 | 0.249 |
| 8 | | ã | 2 | 2.02 | 0.875 |
| 8 | | d | 2 | 2.02 | 1.698 |
| 8 | | m | 2 | 2.02 | 2.605 |
| 12 | | o | 1 | 1.01 | 3.297 |
| 12 | | ø | 1 | 1.01 | 0.342 |
| 12 | | f | 1 | 1.01 | 0.078 |
| 12 | | * | 1 | 1.01 | N/A |

| | | | | | | |
|---|---|---|---|---|---|---|
| 13 | | r | 1 (1) | 1.01 | 1.563 | 1.304 |
| 13 | | t | 1 (0) | 1.01 | 0 | 2.571 |

| | | | | | |
|---|---|---|---|---|---|
| 12 | | ù | 1 | 1.01 | 0 |

Table 4.17: Highest-Ranked Word Initiators and Terminators for Figure Labels in the Balneological Section (Version #18)

**Balneological Initiators**

| Rank | Symbol | | Word Count | % | Document-Wide % |
|---|---|---|---|---|---|
| 1 | | o | 80 | 48.78 | 23.068 |
| 2 | | d | 34 | 20.732 | 9.617 |
| 3 | | s | 14 | 8.537 | 3.38 |
| 4 | | y | 8 | 4.878 | 5.019 |
| 5 | | l | 5 | 3.049 | 5.019 |
| 5 | | q | 5 | 3.049 | 14.063 |
| 5 | | r | 5 | 3.049 | 1.304 |
| 5 | | • | 5 | 3.049 | 0.148 |
| 9 | | ß | 4 | 2.439 | 8.495 |
| 10 | | a | 1 | 0.61 | 5.208 |
| 10 | | à | 1 | 0.61 | 0.005 |
| 10 | | c | 1 | 0.61 | 15.686 |
| 10 | | O | 1 | 0.61 | 0.005 |

**Balneological Terminators**

| Rank | Symbol | | Word Count | % | Document-Wide % |
|---|---|---|---|---|---|
| 1 | | y | 74 | 45.122 | 40.288 |
| 2 | | l | 43 | 26.22 | 15.501 |
| 3 | | w | 13 | 7.927 | 10.638 |
| 4 | | r | 12 | 7.317 | 13.511 |
| 5 | | o | 8 | 4.878 | 3.297 |
| 6 | | s | 4 | 2.439 | 3.453 |
| 7 | | a | 3 | 1.829 | 0.249 |
| 8 | | â | 2 | 1.22 | 1.57 |
| 8 | | d | 2 | 1.22 | 1.698 |
| 10 | | k | 1 | 0.61 | 0.192 |
| 10 | | Ò | 1 | 0.61 | 0.005 |
| 10 | | ½ | 1 | 0.61 | 0 |

Table 4.18: Highest-Ranked Word Initiators and Terminators for Figure Labels in the Cosmological Section (Version #18)

**Cosmological Initiators**

| Rank | Symbol | | Word Count | % | Text Rings | Document-Wide % |
|---|---|---|---|---|---|---|
| 1 | | o | 1655 (896) | 39.765 | 40.488 | 23.068 |
| 2 | | c | 547 (347) | 13.143 | 15.68 | 15.686 |
| 3 | | a | 401 (247) | 9.635 | 11.161 | 5.208 |
| 4 | | d | 386 (191) | 9.274 | 8.631 | 9.617 |
| 5 | | y | 280 (104) | 6.728 | 4.7 | 5.019 |
| 6 | | ß | 256 (148) | 6.151 | 6.688 | 8.495 |
| 7 | | q | 168 (44) | 4.037 | 1.988 | 14.063 |
| 8 | | s | 138 (60) | 3.316 | 2.711 | 3.38 |
| 9 | | t | 81 (37) | 1.946 | 1.672 | 2.571 |
| 10 | | k | 54 (25) | 1.297 | 1.13 | 3.035 |
| 11 | | e | 42 (24) | 1.009 | 1.085 | 0.381 |
| 12 | | • | 32 (23) | 0.769 | 1.039 | 0.148 |
| 13 | | l | 27 (16) | 0.649 | 0.723 | 3.572 |
| 14 | | r | 19 (7) | 0.457 | 0.316 | 1.304 |
| 15 | | î | 16 (7) | 0.384 | 0.316 | 1.306 |
| 16 | | * | 15 (11) | 0.36 | 0.497 | N/A |
| 17 | | p | 11 (6) | 0.264 | 0.271 | 1.428 |
| 18 | | í | 8 (4) | 0.192 | 0.181 | 0.516 |
| 19 | | f | 6 (4) | 0.144 | 0.181 | 0.327 |
| 20 | | ï | 4 (1) | 0.096 | 0.045 | 0.337 |
| 20 | | x | 4 (4) | 0.096 | 0.181 | 0.049 |

**Cosmological Terminators**

| Rank | Symbol | | Word Count | % | Document-Wide % |
|---|---|---|---|---|---|
| 1 | | y | 1578 | 37.914 | 40.288 |
| 2 | | r | 631 | 15.161 | 13.511 |
| 3 | | l | 608 | 14.608 | 15.501 |
| 4 | | w | 330 | 7.929 | 10.638 |
| 5 | | s | 303 | 7.28 | 3.453 |
| 6 | | o | 141 | 3.388 | 3.297 |
| 7 | | m | 132 | 3.172 | 2.605 |
| 8 | | â | 92 | 2.21 | 1.57 |
| 9 | | d | 67 | 1.61 | 1.698 |
| 10 | | û | 49 | 1.177 | 4.446 |
| 11 | | ã | 40 | 0.961 | 0.498 |
| 12 | | ø | 33 | 0.793 | 0.342 |
| 13 | | a | 26 | 0.625 | 0.249 |
| 14 | | g | 25 | 0.601 | 0.262 |
| 15 | | e | 23 | 0.553 | 0.306 |
| 17 | | n | 12 | 0.288 | 0.386 |
| 18 | | Ý | 8 | 0.192 | 0 |
| 19 | | k | 7 | 0.168 | 0.192 |
| 19 | | ù | 7 | 0.168 | 0.342 |
| 21 | | t | 6 | 0.144 | 0.132 |
| 22 | | ú | 3 | 0.072 | 0 |
| 22 | | f | 3 | 0.072 | 0.062 |

Table 4.19: Highest-Ranked Word Initiators and Terminators for Nymph Labels (Version #18)

**Nymph Initiators**

| Rank | Symbol | | Word Count | % | Balneological | Cosmological | Document-Wide % |
|---|---|---|---|---|---|---|---|
| 1 | | o | 287 (46/240) | 63.636 | 53.488 | 66.298 | 23.068 |
| 2 | | y | 36 (5/30) | 7.982 | 5.814 | 8.287 | 23.068 |
| 3 | | a | 31 (0/31) | 6.874 | 0 | 8.564 | 5.208 |
| 4 | | d | 29 (17/12) | 6.43 | 19.767 | 3.315 | 9.617 |
| 5 | | c | 20 (0/20) | 4.435 | 0 | 5.525 | 15.686 |
| 6 | | s | 14 (8/6) | 3.104 | 9.302 | 1.657 | 3 |
| 7 | | ß | 11 (1/10) | 2.439 | 1.163 | 2.762 | 8.495 |
| 8 | | q | 4 (3/1) | 0.887 | 3.488 | 0.276 | 14.063 |
| 8 | | r | 4 (1/3) | 0.887 | 1.163 | 0.829 | 1.304 |

**Nymph Terminators**

| Rank | Symbol | | Word Count | % | Document-Wide % |
|---|---|---|---|---|---|
| 1 | | y | 199 | 44.124 | 40.288 |
| 2 | | l | 66 | 14.634 | 15.501 |
| 3 | | r | 49 | 10.865 | 13.511 |
| 4 | | w | 30 | 6.652 | 10.638 |
| 5 | | m | 27 | 5.987 | 2.605 |
| 6 | | s | 25 | 5.543 | 3.453 |
| 7 | | o | 14 | 3.104 | 3.297 |
| 7 | | d | 14 | 3.104 | 1.698 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8 | | l | 4 (3/) | 0.887 | 3.488 | 0.276 | 3.572 |
| 8 | | e | 4 (0/4) | 0.887 | 0 | 1.105 | 0.381 |
| 12 | | • | 2 (1/1) | 0.443 | 1.163 | 0 | 0.148 |
| 13 | | * | 1 (0/1) | 0.222 | 0 | 0.276 | N/A |
| 13 | | f | 1 (0/1) | 0.222 | 0 | 0.276 | 0.327 |
| 13 | | k | 1 (0/1) | 0.222 | 0 | 0.276 | 3.035 |
| 13 | | O | 1 (1/0) | 0.222 | 1.163 | 0 | 0.005 |
| 13 | | t | 1 (0/1) | 0.222 | 0 | 0.276 | 2.571 |

| | | | | | |
|---|---|---|---|---|---|
| 9 | | â | 6 | 1.33 | 1.57 |
| 10 | | a | 5 | 1.109 | 0.249 |
| 10 | | g | 5 | 1.109 | 0.262 |
| 12 | | n | 4 | 0.887 | 0.386 |
| 13 | | û | 3 | 0.665 | 4.446 |
| 14 | | f | 2 | 0.443 | 0.062 |
| 15 | | k | 1 | 0.222 | 0.192 |
| 15 | | Ý | 1 | 0.222 | 0 |

Table 4.20: Highest-Ranked Word Initiators and Terminators for Pharmacological Labels (Version #18)

**Pharmacological Initiators**

| Rank | Symbol | | Word Count | % | Phytomorph Labels | Canister Labels |
|---|---|---|---|---|---|---|
| 1 | | o | 131 (103/19) | 49.621 | 52.284 | 45.238 |
| 2 | | d | 31 (26/5) | 11.742 | 13.198 | 11.905 |
| 3 | | • | 20 (18/2) | 7.576 | 9.137 | 4.762 |
| 4 | | s | 17 (17/17) | 6.439 | 8.629 | 0 |
| 5 | | y | 15 (9/4) | 5.682 | 4.569 | 9.524 |
| 6 | | a | 7 (6/0) | 2.652 | 3.046 | 0 |
| 7 | | c | 6 (0/0) | 2.273 | 0 | 0 |
| 7 | | ß | 6 (3/1) | 2.273 | 1.523 | 2.381 |
| 7 | | t | 6 (3/2) | 2.273 | 1.523 | 4.762 |
| 10 | | k | 5 (2/3) | 1.894 | 1.015 | 7.143 |
| 11 | | r | 4 (3/1) | 1.515 | 1.523 | 2.381 |
| 12 | | l | 3 (1/1) | 1.136 | 0.508 | 2.381 |
| 12 | | * | 3 (0/3) | 1.136 | 0 | 7.143 |
| 14 | | q | 2 (1/0) | 0.758 | 0.508 | 0 |
| 14 | | e | 2 (1/0) | 0.758 | 0.508 | 0 |
| 16 | | É | 1 (1/0) | 0.379 | 0.508 | 0 |
| 16 | | f | 1 (1/0) | 0.379 | 0.508 | 0 |
| 16 | | à | 1 (1/0) | 0.379 | 0.508 | 0 |
| 16 | | Á | 1 (1/0) | 0.379 | 0.508 | 0 |
| 16 | | p | 1 (0/0) | 0.379 | 0 | 0 |
| 16 | | Ü | 1 (0/0) | 0.379 | 0 | 0 |

**Pharmacological Terminators**

| Rank | Symbol | | Word Count | % | Document-Wide % |
|---|---|---|---|---|---|
| 1 | | y | 104 | 39.394 | 40.288 |
| 2 | | r | 34 | 12.879 | 13.511 |
| 3 | | l | 33 | 12.5 | 15.501 |
| 4 | | g | 14 | 5.303 | 0.262 |
| 5 | | s | 13 | 4.924 | 3.453 |
| 6 | | d | 11 | 4.167 | 1.698 |
| 6 | | â | 11 | 4.167 | 1.57 |
| 6 | | w | 11 | 4.167 | 10.638 |
| 9 | | o | 8 | 3.03 | 3.297 |
| 10 | | * | 5 | 1.894 | N/A |
| 11 | | m | 4 | 1.515 | 2.605 |
| 12 | | a | 2 | 0.758 | 0.249 |
| 12 | | e | 2 | 0.758 | 0.306 |

Table 4.21: Leading and Trailing Fuzzy Set Comparison Scores for Various Figure Types in Version #26, Excluding

| Difference Combination | Symbol | Max Score | Symbol | | Min Score |
|---|---|---|---|---|---|
| Canisters vs. Figure Stems | (a) | 0.04496 | e | | -0.14051 |
| Cosmological Nymphs vs. Figure Stems | | 0.03627 | e | | -0.05159 |
| Cosmological Nymphs vs. Paragraph Initiators | | 0.08634 | p | | -0.44072 |
| Herbal Phytomorphs vs. Figure Initiators | | 0.31252 | c | | -0.18001 |
| Herbal Phytomorphs vs. Figure Terminators | | 0.34060 | e | | -0.10140 |
| Herbal Phytomorphs vs. Initiators | | 0.38198 | q | | -0.82777 |
| Herbal Phytomorphs vs. Paragraph Initiators | | 0.39999 | p | | -0.44072 |
| Herbal Phytomorphs vs. Paragraph Terminators | | 0.39870 | y | | -0.43686 |
| Herbal Phytomorphs vs. Terminators | | 0.51286 | n | | -0.82193 |
| Pharmacological Phytomorphs vs. Figure Stems | | 0.03593 | e | | -0.10210 |
| Rosette Figures vs. Paragraph Initiators | | 0.09021 | p | | -0.44072 |
| Cosmological Nymphs vs. Figure Terminators | (c) | 0.02696 | e | | -0.07604 |
| Cosmological Nymphs vs. Paragraph Terminators | | 0.07042 | y | | -0.34672 |
| Cosmological Nymphs vs. Terminators | | 0.17272 | n | | -0.81348 |
| Cosmological Non-Nymphs vs. Figure Initiators | | 0.02452 | s | | -0.00147 |
| Cosmological Non-Nymphs vs. Paragraph Initiators | | 0.17747 | p | | -0.43592 |
| Figures vs. Paragraph Initiators | | 0.15294 | p | | -0.43649 |
| Text Rings vs. Figure Initiators | | 0.03956 | y | | -0.02058 |
| Text Rings vs. Paragraph Initiators | | 0.19251 | p | | -0.43518 |
| Balneological Nymphs vs. Figure Initiators | (d) | 0.09900 | c | | -0.16838 |
| Balneological Nymphs vs. Figure Terminators | | 0.07149 | e | | -0.10140 |
| Balneological Nymphs vs. Paragraph Initiators | | 0.16674 | p | | -0.44072 |
| Balneological Nymphs vs. Paragraph Terminators | | 0.14213 | y | | -0.41361 |
| Balneological Nymphs vs. Terminators | | 0.22761 | n | | -0.82193 |
| Balneological Non-Nymphs vs. Figure Initiators | | 0.11652 | c | | -0.11672 |
| Balneological Non-Nymphs vs. Figure Terminators | | 0.10551 | y | | -0.05970 |
| Balneological Non-Nymphs vs. Paragraph Initiators | | 0.18425 | p | | -0.44072 |
| Balneological Non-Nymphs vs. Paragraph Terminators | | 0.17616 | y | | -0.41834 |
| Balneological Non-Nymphs vs. Terminators | | 0.26163 | n | | -0.82193 |
| Canisters vs. Figure Terminators | | 0.07417 | e | | -0.07575 |
| Canisters vs. Paragraph Initiators | | 0.11906 | p | | -0.41572 |
| Canisters vs. Paragraph Terminators | | 0.14482 | y | | -0.35994 |
| Canisters vs. Terminators | | 0.23029 | n | | -0.82193 |
| Pharmacological Phytomorphs vs. Figure Terminators | | 0.04340 | e | | -0.09114 |
| Pharmacological Phytomorphs vs. Paragraph Initiators | | 0.10240 | p | | -0.44072 |
| Pharmacological Phytomorphs vs. Paragraph Terminators | | 0.11405 | y | | -0.39071 |
| Pharmacological Phytomorphs vs. Terminators | | 0.19952 | n | | -0.82193 |
| Rosettes vs. Figure Stems | | 0.04042 | e | | -0.07557 |

| | | | | | |
|---|---|---|---|---|---|
| Rosettes vs. Figure Terminators | | 0.02581 | c | | -0.03079 |
| Rosettes vs. Paragraph Terminators | | 0.09646 | y | | -0.38623 |
| Rosette Terminators vs. Stems | | 0.18193 | n | | -0.81349 |
| Cosmological Non-Nymphs vs. Figures | (e) | 0.01846 | a | | -0.00768 |
| Cosmological Non-Nymphs vs. Figure Terminators | | 0.04199 | m | | -0.00037 |
| Cosmological Non-Nymph vs. Paragraph Terminators | | 0.14338 | y | | -0.35052 |
| Figure vs. Paragraph Terminators | | 0.10139 | p | | -0.43203 |
| Text Rings vs. Figures | | 0.03084 | a | | -0.00983 |
| Text Rings vs. Figure Terminators | | 0.10372 | y | | -0.01761 |
| Text Rings vs. Paragraph Terminators | | 0.20512 | y | | -0.37625 |
| Text Rings vs. Terminators | | 0.20199 | n | | -0.81027 |
| Balneological Nymph vs. Initiators | (j) | 0.19291 | (q) | | -0.79288 |
| Balneological Non-Nymph vs. Initiators | | 0.19291 | | | -0.80245 |
| Canister Initiators | | 0.19291 | | | -0.82777 |
| Cosmological Nymph vs. Initiators | | 0.19291 | | | -0.82498 |
| Cosmological Non-Nymph vs. Initiators | | 0.19291 | | | -0.78565 |
| Figures vs. Initiators | | 0.19291 | | | -0.79100 |
| Pharmacological Phytomorph vs. Initiators | | 0.19291 | | | -0.82264 |
| Rosettes vs. Initiators | | 0.19291 | | | -0.80709 |
| Text Rings vs. Initiators | | 0.19291 | | | -0.80777 |
| Canister Figures vs. Initiators | (k) | 0.06105 | c | | -0.15501 |
| Balneological Nymphs vs. Figure Stems | (l) | 0.08901 | e | | -0.10318 |
| Balneological Non-Nymphs vs. Figure Stems | | 0.04842 | e | | -0.09399 |
| Rosette Figures vs. Initiators | | 0.01053 | c | | -0.14241 |
| Herbal Phytomorph vs. Figure Stems | (m) | 0.16863 | e | | -0.21520 |
| Herbal Phytomorph vs. Stems | | 0.74043 | e | | -0.56528 |
| Balneological Non-Nymph vs. Stems | (n) | 0.61007 | e | | -0.44407 |
| Cosmological Non-Nymph vs. Stems | | 0.59699 | i | | -0.37658 |
| Rosette Figures vs. Stems | | 0.59851 | e | | -0.42564 |
| Text Rings vs. Stems | | 0.59659 | i | | -0.37819 |
| Pharmacological Phytomorphs vs. Figure Initiators | (s) | 0.04148 | c | | -0.15949 |
| Cosmological Non-Nymphs vs. Terminators | (t) | 0.18927 | n | | -0.81142 |
| Figures vs. Terminators | | 0.17921 | n | | -0.81324 |
| Balneological Nymphs vs. Stems | (y) | 0.61001 | e | | -0.45326 |
| Canisters vs. Stems | | 0.60446 | e | | -0.49059 |
| Cosmological Nymphs vs. Figure Initiators | | 0.01253 | c | | -0.09644 |
| Cosmological Nymphs vs. Stems | | 0.60622 | e | | -0.40167 |
| Figures vs. Stems | | 0.59634 | i | | -0.37782 |
| Pharmacological Phytomorph vs. Stems | | 0.59375 | e | | -0.45217 |

Table 4.22: General Patterns of Movement in Glyph Placement for Figures in Version #26

| Glyph | Direction |
|---|---|
| (d) | general increase in all 3 (substantial variability though) |
| | **The [fptk] Group** |
| (f) | initiators, stems → terminators |
| (p) | initiators, stems → terminators |
| (t) | initiators, stems → terminators |
| (k) | initiators, stems → terminators |
| | **Other Shifts Away from Initiators** |
| (q) | initiators → terminators, stems |
| (c) | initiators → stems, terminators (more variable though) |
| | **Shifted Away from stems (Mainly Vowels and Vowel Candidates)** |
| (e) | stems → terminators |
| (Å) | stems → terminators, initiators |
| (a) | stems → terminators |
| (i) | stems → terminators |
| | **Shifted Away from Terminators** |
| (n) | terminators → stems strongly (and initiators to a lesser degree) |
| (m) | terminators → stems (strongly) |
| (l) | terminators → stems |
| (r) | terminators → stems (and initiators to a lesser degree) |
| (j) | terminators → stems |
| (g) | terminators → stems |
| (y) | terminators → stems |
| (s) | terminators and initiators → stems |

Table 4.23: The Serendipitous Segmentation of Similar Compound Letters by Initiator-Terminator Discrepancies

| # | Rank | Polygraph | | Polygraph Count | Word Initiator Score | Word Terminator Score | Word Score |
|---|---|---|---|---|---|---|---|
| 1 | 27 | ïa | | 11 | 0.42063 | -0.43650 | 0.01587 |
| 2 | 34 | sa | | 208 | 0.36433 | -0.38827 | 0.02394 |
| 3 | 37 | ßa | | 48 | 0.35242 | -0.41899 | 0.06657 |
| 4 | 42 | Ua | | 26 | 0.30079 | -0.42142 | 0.12063 |
| 5 | 45 | ðo | | 11 | 0.26145 | -0.36354 | 0.10208 |
| 6 | 46 | ðe | | 14 | 0.25312 | -0.30937 | 0.05625 |
| 7 | 48 | Üe | | 66 | 0.24145 | -0.32638 | 0.08493 |
| 8 | 51 | pd | | 26 | 0.22849 | -0.24025 | 0.01175 |
| 9 | 52 | •e | | 57 | 0.22251 | -0.24623 | 0.02371 |
| 10 | 53 | ck | | 22 | 0.21238 | -0.24594 | 0.03356 |
| 11 | 54 | da | | 1090 | 0.21206 | -0.34482 | 0.13275 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 12 | 56 | ya | | 15 | 0.20574 | -0.40295 | 0.19720 |
| 13 | 57 | tß | | 97 | 0.20153 | -0.24955 | 0.04802 |
| 14 | 58 | lß | | 135 | 0.18389 | -0.23219 | 0.04829 |
| 15 | 60 | oc | | 152 | 0.17775 | -0.19479 | 0.01704 |
| 16 | 61 | lk | | 367 | 0.17619 | -0.22673 | 0.05053 |
| 17 | 62 | rk | | 19 | 0.17537 | -0.19304 | 0.01766 |
| 18 | 63 | rß | | 35 | 0.17351 | -0.21778 | 0.04427 |
| 19 | 64 | ok | | 979 | 0.17188 | -0.23482 | 0.06294 |
| 20 | 65 | ío | | 48 | 0.16772 | -0.32140 | 0.15367 |
| 21 | 66 | fc | | 127 | 0.16552 | -0.17983 | 0.01431 |
| 22 | 67 | oß | | 61 | 0.16452 | -0.22787 | 0.06335 |
| 23 | 68 | pc | | 322 | 0.15763 | -0.17964 | 0.02200 |
| 24 | 69 | ßd | | 91 | 0.14046 | -0.25279 | 0.11233 |
| 25 | 70 | dd | | 23 | 0.13109 | -0.22890 | 0.09780 |
| 26 | 71 | aÜ | | 11 | 0.13095 | -0.33571 | 0.20476 |
| 27 | 73 | de | | 114 | 0.12029 | -0.18045 | 0.06015 |
| 28 | 74 | fo | | 59 | 0.11768 | -0.20539 | 0.08770 |
| 29 | 75 | lt | | 73 | 0.11764 | -0.20945 | 0.09180 |
| 30 | 76 | oe | | 298 | 0.11506 | -0.20035 | 0.08528 |
| 31 | 78 | ak | | 33 | 0.08716 | -0.24616 | 0.15899 |
| 32 | 79 | kß | | 105 | 0.08643 | -0.25153 | 0.16509 |
| 33 | 81 | tc | | 307 | 0.06456 | -0.19639 | 0.13183 |
| 34 | 82 | yd | | 134 | 0.05882 | -0.10075 | 0.04193 |
| 35 | 83 | lf | | 34 | 0.04886 | -0.15113 | 0.10226 |
| 36 | 84 | ía | | 18 | 0.04714 | -0.35285 | 0.30571 |
| 37 | 85 | oð | | 14 | 0.04375 | -0.26875 | 0.22500 |
| 38 | 86 | ik | | 10 | 0.03738 | -0.16261 | 0.12523 |
| 39 | 87 | lo | | 304 | 0.02739 | -0.22778 | 0.20038 |
| 40 | 89 | Üd | | 14 | 0.02440 | -0.26130 | 0.23690 |
| 41 | 90 | kc | | 333 | 0.02089 | -0.19358 | 0.17268 |
| 42 | 91 | td | | 20 | 0.02085 | -0.24001 | 0.21915 |
| 43 | 92 | oÜ | | 80 | 0.01853 | -0.27339 | 0.25485 |
| 44 | 93 | íe | | 74 | 0.01499 | -0.28381 | 0.26882 |
| 45 | 94 | aì | | 22 | 0.00340 | -0.27245 | 0.26904 |
| 46 | 95 | ai | | 53 | 0.00209 | -0.12905 | 0.12695 |
| 47 | 96 | aí | | 11 | 0.00128 | -0.30641 | 0.30512 |
| 48 | 97 | ga | | 10 | -0.00345 | -0.30345 | 0.30690 |
| 49 | 98 | oï | | 29 | -0.00833 | -0.25157 | 0.25990 |
| 50 | 99 | ae | | 16 | -0.00994 | -0.19744 | 0.20739 |
| 51 | 100 | to | | 316 | -0.01316 | -0.24932 | 0.26249 |
| 52 | 101 | ra | | 302 | -0.01487 | -0.30325 | 0.31812 |
| 53 | 102 | ro | | 207 | -0.01503 | -0.20979 | 0.22483 |
| 54 | 103 | oa | | 148 | -0.03677 | -0.31417 | 0.35095 |
| 55 | 104 | ad | | 48 | -0.03772 | -0.05496 | 0.09269 |
| 56 | 105 | se | | 102 | -0.04559 | -0.16064 | 0.20623 |
| 57 | 106 | k• | | 22 | -0.05482 | -0.24000 | 0.29482 |
| 58 | 107 | ïh | | 11 | -0.06666 | -0.28095 | 0.34761 |
| 59 | 108 | ko | | 298 | -0.07640 | -0.24346 | 0.31986 |
| 60 | 109 | oí | | 84 | -0.07679 | -0.26284 | 0.33963 |
| 61 | 110 | le | | 53 | -0.07765 | -0.17765 | 0.25531 |
| 62 | 111 | l• | | 14 | -0.08841 | -0.22174 | 0.31015 |
| 63 | 112 | pa | | 122 | -0.09811 | -0.27287 | 0.37099 |
| 64 | 113 | te | | 478 | -0.11226 | -0.22174 | 0.33401 |
| 65 | 114 | ke | | 875 | -0.11712 | -0.20927 | 0.32639 |
| 66 | 115 | od | | 886 | -0.12097 | -0.14249 | 0.26346 |
| 67 | 116 | íh | | 17 | -0.12580 | -0.25483 | 0.38064 |
| 68 | 117 | re | | 19 | -0.13191 | -0.08429 | 0.21621 |
| 69 | 118 | fa | | 72 | -0.13355 | -0.26542 | 0.39897 |
| 70 | 119 | oo | | 70 | -0.13451 | -0.21496 | 0.34948 |
| 71 | 120 | t• | | 17 | -0.13831 | -0.22922 | 0.36753 |
| 72 | 121 | ep | | 89 | -0.14002 | -0.12262 | 0.26265 |
| 73 | 122 | •d | | 40 | -0.14111 | -0.18032 | 0.32144 |
| 74 | 123 | et | | 181 | -0.14169 | -0.18502 | 0.32672 |
| 75 | 124 | ec | | 149 | -0.14261 | -0.17104 | 0.31366 |
| 76 | 125 | ld | | 236 | -0.14663 | -0.15968 | 0.30631 |
| 77 | 126 | íd | | 16 | -0.14780 | -0.14780 | 0.29561 |
| 78 | 127 | ef | | 52 | -0.15504 | -0.08361 | 0.23866 |
| 79 | 128 | Uh | | 13 | -0.16171 | -0.24171 | 0.40342 |
| 80 | 129 | la | | 223 | -0.17120 | -0.26330 | 0.43450 |
| 81 | 130 | ii | | 62 | -0.17855 | -0.14956 | 0.32812 |
| 82 | 131 | r• | | 10 | -0.18678 | -0.18678 | 0.37357 |
| 83 | 132 | ao | | 11 | -0.19090 | -0.10000 | 0.29090 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 84 | 133 | ta | | 295 | -0.19134 | -0.30112 | 0.49246 |
| 85 | 134 | ka | | 520 | -0.19749 | -0.28287 | 0.48036 |
| 86 | 135 | rd | | 31 | -0.20281 | -0.06392 | 0.26673 |
| 87 | 136 | ee | | 2787 | -0.20432 | -0.20805 | 0.41237 |
| 88 | 137 | ek | | 288 | -0.20477 | -0.18818 | 0.39295 |
| 89 | 138 | eß | | 59 | -0.20729 | -0.20729 | 0.41458 |
| 90 | 139 | ed | | 1142 | -0.21877 | -0.17628 | 0.39505 |
| 91 | 140 | âo | | 34 | -0.21909 | -0.13399 | 0.35309 |
| 92 | 141 | kh | | 16 | -0.22009 | -0.22009 | 0.44019 |
| 93 | 142 | he | | 13 | -0.22151 | -0.22151 | 0.44302 |
| 94 | 143 | p• | | 16 | -0.22843 | -0.22843 | 0.45686 |
| 95 | 144 | eo | | 1993 | -0.23070 | -0.13067 | 0.36137 |
| 96 | 145 | eð | | 16 | -0.23646 | -0.23646 | 0.47293 |
| 97 | 146 | âa | | 29 | -0.23931 | -0.23931 | 0.47863 |
| 98 | 147 | tT | | 12 | -0.24015 | -0.24015 | 0.48031 |
| 99 | 148 | ea | | 432 | -0.24276 | -0.23526 | 0.47802 |
| 100 | 149 | eï | | 17 | -0.25956 | -0.25956 | 0.51913 |
| 101 | 150 | eí | | 73 | -0.28158 | -0.27141 | 0.55299 |
| 102 | 151 | eÜ | | 50 | -0.28328 | -0.26441 | 0.54769 |

Table 4.24: Digraphs Not Exhibiting Discrepancies between Word Initiator and Terminator Scores

| # | Rank | Polygraph | | Polygraph Count | Word Initiator Score | Word Terminator Score | Word Score |
|---|---|---|---|---|---|---|---|
| 1 | 1 | qo | | 777 | 0.76314 | -0.22967 | -0.53347 |
| 2 | 2 | qe | | 48 | 0.74729 | -0.23682 | -0.51046 |
| 3 | 3 | qk | | 16 | 0.72807 | -0.27192 | -0.45614 |
| 4 | 4 | yc | | 106 | 0.70246 | -0.20696 | -0.49550 |
| 5 | 5 | oq | | 21 | 0.69089 | -0.22215 | -0.46873 |
| 6 | 6 | ßk | | 27 | 0.64679 | -0.33502 | -0.31177 |
| 7 | 7 | yp | | 60 | 0.63544 | -0.20666 | -0.42877 |
| 8 | 8 | ßt | | 12 | 0.61333 | -0.33666 | -0.27666 |
| 9 | 9 | yt | | 216 | 0.61264 | -0.25380 | -0.35883 |
| 10 | 10 | dc | | 152 | 0.61064 | -0.21784 | -0.39280 |
| 11 | 11 | yß | | 55 | 0.60431 | -0.26823 | -0.33608 |
| 12 | 12 | yk | | 291 | 0.59465 | -0.24376 | -0.35089 |
| 13 | 13 | sc | | 61 | 0.58805 | -0.20739 | -0.38066 |
| 14 | 14 | dß | | 59 | 0.57521 | -0.27508 | -0.30012 |
| 15 | 15 | ßí | | 18 | 0.54913 | -0.43003 | -0.11909 |
| 16 | 16 | so | | 190 | 0.53126 | -0.31837 | -0.21289 |
| 17 | 17 | ßÜ | | 11 | 0.50510 | -0.43367 | -0.07142 |
| 18 | 18 | yf | | 24 | 0.49936 | -0.16729 | -0.33206 |
| 19 | 19 | sß | | 19 | 0.47912 | -0.22087 | -0.25825 |
| 20 | 20 | ïo | | 31 | 0.47497 | -0.36138 | -0.11359 |
| 21 | 21 | ye | | 11 | 0.46969 | -0.25757 | -0.21212 |
| 22 | 22 | sk | | 17 | 0.44603 | -0.26825 | -0.17777 |
| 23 | 23 | op | | 280 | 0.43349 | -0.19452 | -0.23897 |
| 24 | 24 | yo | | 38 | 0.42621 | -0.21663 | -0.20957 |
| 25 | 25 | dk | | 30 | 0.42521 | -0.24145 | -0.18376 |
| 26 | 26 | po | | 161 | 0.42272 | -0.25443 | -0.16829 |
| 27 | 28 | Üo | | 62 | 0.40980 | -0.37279 | -0.03701 |
| 28 | 29 | ße | | 582 | 0.40954 | -0.30424 | -0.10529 |
| 29 | 30 | of | | 121 | 0.39180 | -0.18622 | -0.20558 |
| 30 | 31 | ßo | | 291 | 0.38946 | -0.29558 | -0.09388 |
| 31 | 32 | ot | | 834 | 0.37895 | -0.24519 | -0.13375 |
| 32 | 33 | pß | | 56 | 0.37018 | -0.21885 | -0.15132 |
| 33 | 35 | ßc | | 13 | 0.36283 | -0.24828 | -0.11455 |
| 34 | 36 | ïe | | 38 | 0.35421 | -0.29194 | -0.06227 |
| 35 | 38 | •o | | 24 | 0.33968 | -0.25291 | -0.08677 |
| 36 | 39 | at | | 11 | 0.31923 | -0.21923 | -0.10000 |
| 37 | 40 | do | | 243 | 0.31343 | -0.31018 | -0.00325 |
| 38 | 41 | ce | | 3143 | 0.30947 | -0.23210 | -0.07737 |
| 39 | 43 | cs | | 37 | 0.29272 | -0.15171 | -0.14100 |
| 40 | 44 | ct | | 32 | 0.28005 | -0.26048 | -0.01956 |
| 41 | 47 | lc | | 285 | 0.25071 | -0.19022 | -0.06049 |
| 42 | 49 | lp | | 30 | 0.23511 | -0.13988 | -0.09523 |
| 43 | 50 | rc | | 85 | 0.23158 | -0.19931 | -0.03226 |
| 44 | 55 | fß | | 18 | 0.21134 | -0.20971 | -0.00162 |
| 45 | 59 | ßs | | 19 | 0.17994 | -0.02005 | -0.15988 |
| 46 | 72 | ll | | 26 | 0.12514 | -0.06840 | -0.05673 |

Table 4.25: Categories of Potentially Misclassified Symbols Contained in the Initiator Discrepancy Rankings

| Discrepancy | Distinct Polygraph Count | Group Count | F Group Count | N Group Count | Compound Letter Count | Count | Eliminated Letter Count | Group % | F Group % | N Group % | Compound Letters % | % | Eliminated Letter % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 49 | 16 | 10 | 11 | 5 | 1 | 0 | 32.653 | 20.408 | 22.449 | 10.204 | 2.041 | 0 |
| 1 | 102 | 24 | 18 | 33 | 24 | 7 | 5 | 23.529 | 17.647 | 32.353 | 23.529 | 6.863 | 4.902 |

Table 4.26: Distribution Distances for Symbols, Ranked by Similarity to [pt]

| *p* | | | | | *t* | | | | |
|---|---|---|---|---|---|---|---|---|---|
| # | Rank | Symbol2 | | Distribution Distance | # | Rank | Symbol2 | | Distribution Distance |
| 1 | 1 | f | | 0.11352 | 1 | 1 | k | | 0.13196 |
| 2 | 2 | ô | | 0.31519 | 2 | 2 | z | | 0.24571 |
| 3 | 3 | s | | 0.36604 | 3 | 3 | s | | 0.26143 |
| 4 | 4 | r | | 0.37977 | 4 | 4 | x | | 0.33174 |
| 5 | 5 | ù | | 0.38259 | 5 | 5 | f | | 0.34955 |
| 6 | 6 | â | | 0.39761 | 6 | 6 | K | | 0.35024 |
| 7 | 7 | x | | 0.39958 | 7 | 7 | j | | 0.35295 |
| 8 | 8 | ø | | 0.43467 | 8 | 8 | ï | | 0.38423 |
| 9 | 9 | l | | 0.43768 | 9 | 9 | r | | 0.38554 |
| 10 | 10 | g | | 0.44069 | 10 | 10 | ù | | 0.38857 |
| 11 | 11 | À | | 0.44873 | 11 | 11 | À | | 0.39571 |
| 12 | 12 | t | | 0.44976 | 12 | 12 | Đ | | 0.40125 |
| 13 | 13 | ã | | 0.45805 | 13 | 13 | • | | 0.40526 |
| 14 | 14 | ú | | 0.45821 | 14 | 14 | â | | 0.40959 |
| 15 | 15 | v | | 0.46382 | 15 | 15 | g | | 0.41094 |
| 16 | 16 | j | | 0.46406 | 16 | 16 | e | | 0.42876 |
| 17 | 17 | Y | | 0.46870 | 17 | 17 | *f* | | 0.43092 |
| 18 | 18 | œ | | 0.47022 | 18 | 18 | ø | | 0.44119 |
| 19 | 19 | m | | 0.47110 | 19 | 19 | ß | | 0.44643 |
| 20 | 20 | n | | 0.47707 | 20 | 20 | p | | 0.44976 |
| 21 | 21 | û | | 0.48251 | 21 | 21 | l | | 0.45825 |
| 22 | 22 | w | | 0.48545 | 22 | 22 | Ý | | 0.46326 |
| 23 | 23 | ° | | 0.48836 | 23 | 23 | à | | 0.47345 |
| 24 | 24 | ó | | 0.48973 | 24 | 24 | Ü | | 0.47739 |
| 25 | 24 | 4 | | 0.48973 | 25 | 25 | m | | 0.47899 |
| 26 | 24 | 5 | | 0.48973 | 26 | 26 | ã | | 0.47908 |
| 27 | 24 | 1 | | 0.48973 | 27 | 27 | ú | | 0.48230 |
| 28 | 24 | Š | | 0.48973 | 28 | 28 | n | | 0.48559 |
| 29 | 24 | « | | 0.48973 | 29 | 29 | û | | 0.48816 |
| 30 | 24 | ë | | 0.48973 | 30 | 30 | w | | 0.49119 |
| 31 | 24 | ª | | 0.48973 | 31 | 31 | ó | | 0.49571 |
| 32 | 24 | Ì | | 0.48973 | 32 | 31 | ü | | 0.49571 |
| 33 | 24 | Ò | | 0.48973 | 33 | 31 | 5 | | 0.49571 |
| 34 | 24 | ü | | 0.48973 | 34 | 31 | ö | | 0.49571 |
| 35 | 24 | 2 | | 0.48973 | 35 | 31 | Ò | | 0.49571 |
| 36 | 24 | © | | 0.48973 | 36 | 31 | Ì | | 0.49571 |
| 37 | 24 | š | | 0.48973 | 37 | 31 | 4 | | 0.49571 |
| 38 | 24 | 3 | | 0.48973 | 38 | 31 | ª | | 0.49571 |
| 39 | 24 | ö | | 0.48973 | 39 | 31 | 1 | | 0.49571 |
| 40 | 24 | ý | | 0.48973 | 40 | 31 | ý | | 0.49571 |
| 41 | 24 | ½ | | 0.48973 | 41 | 31 | 3 | | 0.49571 |
| 42 | 42 | y | | 0.51493 | 42 | 31 | « | | 0.49571 |
| 43 | 43 | Đ | | 0.51540 | 43 | 31 | Š | | 0.49571 |
| 44 | 44 | ¬ | | 0.56116 | 44 | 31 | š | | 0.49571 |
| 45 | 45 | Œ | | 0.56476 | 45 | 31 | © | | 0.49571 |
| 46 | 46 | K | | 0.56947 | 46 | 31 | ë | | 0.49571 |
| 47 | 47 | k | | 0.57202 | 47 | 31 | ½ | | 0.49571 |
| 48 | 48 | z | | 0.59531 | 48 | 31 | 2 | | 0.49571 |
| 49 | 49 | u | | 0.60506 | 49 | 49 | í | | 0.49689 |
| 50 | 50 | ï | | 0.63669 | 50 | 50 | v | | 0.51053 |
| 51 | 51 | Ü | | 0.64693 | 51 | 51 | ð | | 0.51327 |
| 52 | 52 | Ù | | 0.65821 | 52 | 52 | y | | 0.52664 |
| 53 | 53 | ð | | 0.66803 | 53 | 53 | d | | 0.53132 |
| 54 | 54 | d | | 0.68287 | 54 | 54 | ¬ | | 0.56714 |
| 55 | 55 | e | | 0.69547 | 55 | 55 | u | | 0.58176 |
| 56 | 56 | ß | | 0.69702 | 56 | 56 | Œ | | 0.59021 |
| 57 | 57 | T | | 0.70488 | 57 | 57 | Ù | | 0.59191 |
| 58 | 58 | • | | 0.70899 | 58 | 58 | F | | 0.62347 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 59 | 59 | Å | | 0.73973 | 59 | 59 | ¨ | | 0.63360 |
| 60 | 60 | F | | 0.74743 | 60 | 60 | T | | 0.66963 |
| 61 | 61 | à | | 0.74880 | 61 | 61 | h | | 0.67494 |
| 62 | 62 | í | | 0.76390 | 62 | 62 | c | | 0.68890 |
| 63 | 63 | ¨ | | 0.77842 | 63 | 63 | ¦ | | 0.69205 |
| 64 | 64 | Á | | 0.78196 | 64 | 64 | ô | | 0.69634 |
| 65 | 65 | h | | 0.79118 | 65 | 65 | É | | 0.73079 |
| 66 | 66 | q | | 0.80750 | 66 | 66 | × | | 0.73095 |
| 67 | 67 | O | | 0.81444 | 67 | 67 | Ç | | 0.73458 |
| 68 | 68 | Ö | | 0.81519 | 68 | 67 | õ | | 0.73458 |
| 69 | 68 | Ô | | 0.81519 | 69 | 67 | ‰ | | 0.73458 |
| 70 | 68 | ê | | 0.81519 | 70 | 70 | Å | | 0.74571 |
| 71 | 71 | É | | 0.82683 | 71 | 71 | O | | 0.80801 |
| 72 | 72 | × | | 0.83709 | 72 | 72 | Á | | 0.82673 |
| 73 | 73 | i | | 0.83743 | 73 | 73 | ° | | 0.82987 |
| 74 | 74 | *f* | | 0.84531 | 74 | 74 | œ | | 0.83069 |
| 75 | 75 | ‰ | | 0.84873 | 75 | 75 | q | | 0.84568 |
| 76 | 75 | õ | | 0.84873 | 76 | 76 | i | | 0.86129 |
| 77 | 75 | Ç | | 0.84873 | 77 | 77 | Ö | | 0.86135 |
| 78 | 78 | ‘ | | 0.86473 | 78 | 77 | ê | | 0.86135 |
| 79 | 79 | o | | 0.90761 | 79 | 77 | Ô | | 0.86135 |
| 80 | 80 | ñ | | 0.93839 | 80 | 80 | ‘ | | 0.87071 |
| 81 | 81 | ¡ | | 0.96783 | 81 | 81 | ñ | | 0.91510 |
| 82 | 82 | a | | 0.97530 | 82 | 82 | o | | 0.91722 |
| 83 | 83 | c | | 0.98227 | 83 | 83 | a | | 0.98010 |
| 84 | 84 | ¦ | | 0.98631 | 84 | 84 | ¡ | | 0.99192 |
| 85 | 85 | W | | 0.98973 | 85 | 85 | ì | | 0.99357 |
| 86 | 85 | ì | | 0.98973 | 86 | 86 | Þ | | 0.99554 |
| 87 | 85 | ÷ | | 0.98973 | 87 | 87 | b | | 0.99571 |
| 88 | 85 | Þ | | 0.98973 | 88 | 87 | ÷ | | 0.99571 |
| 89 | 85 | b | | 0.98973 | 89 | 87 | W | | 0.99571 |

Table 4.27: Gauging the Similarity of *c* and *e* to Possible Compound Letters via Preceding and Following Distributions

| Rank | Compound Letters | Distribution Distance Preceding | Symbol Count | Rank | | Distribution Distance Following | Symbol Count |
|---|---|---|---|---|---|---|---|
| 29 | (Ù) | 0.30936 | 19 | 4 | (ï) | 0.26494 | 222 |
| 36 | (ï) | 0.37750 | 222 | 3 | (à) | 0.31115 | 14 |
| 37 | (ð) | 0.40885 | 82 | 5 | (ð) | 0.31134 | 82 |
| 36 | (Ü) | 0.41566 | 951 | 10 | (Ü) | 0.35015 | 951 |
| 39 | (à) | 0.53410 | 14 | 9 | (í) | 0.38441 | 940 |
| 42 | (í) | 0.56969 | 940 | 13 | (K) | 0.40545 | 10 |
| 25 | (T) | 0.61922 | 18 | 11 | (Ù) | 0.40607 | 19 |
| 25 | (K) | 0.62895 | 10 | 47 | (T) | 0.55195 | 18 |
| 28 | (F) | 0.68696 | 3 | 66 | (F) | 0.80341 | 3 |
| 47 | (×) | 0.70984 | 2 | 45 | (¡) | 0.80906 | 1 |
| 48 | (ñ) | 0.72750 | 1 | 56 | (ñ) | 0.83542 | 1 |
| 48 | (¡) | 0.72750 | 1 | 69 | (×) | 0.96803 | 2 |

Table 4.28: High Degree of Similarity Between the Most Common Ligatures of [fptk]

| Rank | Character | Distribution Distance | Rank | Character | Distribution Distance |
|---|---|---|---|---|---|
| (Ü) Count = 951 | | | | | |
| 1 | (ï) | 0.06302 | 1 | (ð) | 0.14741 |
| 3 | (ð) | 0.10871 | 2 | (ï) | 0.16777 |
| 2 | (í) | 0.16096 | 3 | (í) | 0.18213 |
| 27 | (U) | 0.26986 | 4 | (T) | 0.25055 |
| 24 | (à) | 0.43755 | 5 | (U) | 0.27649 |
| 37 | (×) | 0.57135 | 6 | (à) | 0.28616 |
| 28 | (T) | 0.68598 | 7 | (K) | 0.31816 |
| 34 | (K) | 0.71828 | 56 | (F) | 0.58482 |
| 47 | (ñ) | 0.72674 | 58 | (ñ) | 0.59820 |
| 47 | (¡) | 0.72674 | 60 | (×) | 0.91816 |
| 31 | (F) | 0.73731 | 58 | (¡ ) | 0.96462 |
| (ð) Count = 82 | | | | | |
| 1 | (ï) | 0.10481 | 1 | (U) | 0.14741 |
| 2 | (Ü) | 0.10871 | 2 | (ï) | 0.19583 |
| 3 | (í) | 0.22972 | 3 | (í) | 0.24929 |
| 4 | (Ù) | 0.24775 | 4 | (Ù) | 0.28658 |

| | | | | | |
|---|---|---|---|---|---|
| 5 | (à) | 0.47735 | 6 | (à) | 0.31794 |
| 6 | (×) | 0.58536 | 8 | (K) | 0.34268 |
| 7 | (T) | 0.72493 | 9 | (T) | 0.35840 |
| 7 | (K) | 0.73170 | 57 | (F) | 0.60365 |
| 7 | (ñ) | 0.74390 | 59 | (ñ) | 0.66463 |
| 26 | (¡) | 0.74390 | 52 | | 0.90853 |
| 33 | (F) | 0.79268 | 62 | | 0.93292 |
| (ï) Count = 222 | | | | | |
| 1 | (Ü) | 0.06302 | 1 | (Ü) | 0.16777 |
| 2 | (ð) | 0.10481 | 2 | (ð) | 0.19583 |
| 3 | (Ù) | 0.21028 | 3 | (à) | 0.24967 |
| 3 | (í) | 0.21840 | 5 | (í) | 0.27058 |
| 25 | (à) | 0.43758 | 6 | (Ù) | 0.27524 |
| 34 | (×) | 0.54054 | 7 | (K) | 0.30540 |
| 26 | (T) | 0.65165 | 12 | (T) | 0.38888 |
| 28 | (K) | 0.66666 | 61 | (F) | 0.66216 |
| 44 | (ñ) | 0.67117 | 53 | (ñ) | 0.75675 |
| 44 | (¡) | 0.67117 | 59 | (×) | 0.90540 |
| 29 | (F) | 0.70270 | 57 | (¡) | 0.95945 |
| (í) Count = 940 | | | | | |
| 4 | (Ü) | 0.16096 | 3 | (Ü) | 0.18213 |
| 27 | (ï) | 0.21840 | 3 | (ð) | 0.24929 |
| 5 | (ð) | 0.22972 | 5 | (ï) | 0.27058 |
| 41 | (Ù) | 0.42656 | 3 | (T) | 0.30189 |
| 35 | (à) | 0.50767 | 5 | (à) | 0.34194 |
| 45 | (×) | 0.66436 | 13 | (Ù) | 0.41802 |
| 47 | (T) | 0.83646 | 21 | (K) | 0.45744 |
| 54 | (K) | 0.86861 | 4 | (ñ) | 0.49148 |
| 61 | (ñ) | 0.88031 | 50 | (F) | 0.62624 |
| 61 | (¡) | 0.88031 | 56 | (¡) | 0.95638 |
| 50 | (F) | 0.88563 | 66 | (×) | 0.95957 |

Table 4.29: Destructive Testing of Zipf Slopes via Letter Removal

| Version | Intercept | Slope | S | $R^2$ % | $R^2$ (adj) % | $R^2$ (pred) % |
|---|---|---|---|---|---|---|
| **Baselines** | | | | | | |
| #3 | 11.246 | -1.0223 | 27.8886 | 59.74 | 59.18 | 42.95 |
| #16 | 9.103 | -0.8197 | 20.2761 | 76.03 | 75.74 | 62.68 |
| #18 | 9.060 | -0.8147 | 20.0644 | 75.80 | 75.51 | 62.43 |
| #19 | 9.060 | -0.8147 | 20.0644 | 75.80 | 75.51 | 62.43 |
| #21 | 9.040 | -0.8126 | 19.5250 | 75.72 | 75.44 | 62.33 |
| #22 | 9.052 | -0.8141 | 20.0518 | 75.79 | 75.50 | 62.39 |
| #23 | 9.149 | -0.8242 | 22.5761 | 76.31 | 75.94 | 63.02 |
| #24 | 12.023 | -1.1100 | 29.5177 | 80.93 | 80.34 | 69.08 |
| #25 | 12.012 | -1.101 | 31.5483 | 79.43 | 78.77 | 65.56 |
| #26 | 12.391 | -1.1409 | 29.2158 | 82.73 | 82.18 | 71.31 |
| **Strongly Declining Zipf and/or $R^2$** | | | | | | |
| ***o* Removed** | | | | | | |
| #3 | 10.30 | -0.933 | 27.6344 | 51.28 | 50.59 | 34.56 |
| #23 | 9.017 | -0.8251 | 20.7070 | 77.69 | 77.33 | 61.64 |
| #26 | 11.944 | -1.1085 | 28.4029 | 81.95 | 81.35 | 68.92 |
| ***a* Removed** | | | | | | |
| #3 | 10.855 | -0.9893 | 26.0903 | 61.63 | 61.09 | 44.25 |
| #23 | 8.829 | -0.7993 | 20.2808 | 79.18 | 78.85 | 66.00 |
| #26 | 11.802 | -1.0871 | 27.1793 | 83.85 | 83.31 | 72.05 |
| ***q* Removed** | | | | | | |
| #3 | 10.993 | -0.997 | 28.1647 | 57.02 | 56.41 | 38.61 |
| #23 | 8.875 | -0.7973 | 22.6056 | 74.86 | 74.46 | 60.28 |
| #26 | 12.279 | -1.1296 | 30.1348 | 81.02 | 80.39 | 67.89 |
| **Moderately Declining Zipf and/or $R^2$** | | | | | | |
| ***y* Removed** | | | | | | |
| #3 | 10.985 | -1.0052 | 25.8505 | 62.32 | 61.79 | 44.91 |
| #23 | 8.866 | -0.8050 | 20.2208 | 79.28 | 78.95 | 65.96 |
| #26 | 11.841 | -1.0934 | 26.5482 | 84.59 | 84.07 | 73.63 |
| ***d* Removed** | | | | | | |
| #3 | 10.817 | -0.9843 | 26.2589 | 61.14 | 60.59 | 43.69 |
| #23 | 8.812 | -0.7965 | 20.4588 | 78.81 | 78.47 | 65.48 |
| #26 | 11.809 | -1.0868 | 27.5509 | 83.42 | 82.87 | 71.25 |
| ***l* Removed** | | | | | | |
| #3 | 10.749 | -0.9750 | 26.9627 | 59.28 | 58.70 | 41.30 |
| #23 | 8.790 | -0.7924 | 21.0139 | 77.70 | 77.34 | 63.92 |
| #26 | 11.858 | -1.0900 | 28.5498 | 82.31 | 81.72 | 69.41 |
| ***r* Removed** | | | | | | |
| #3 | 10.815 | -0.979 | 27.7634 | 57.48 | 56.88 | 39.10 |
| #23 | 8.822 | -0.7927 | 22.2888 | 75.33 | 74.94 | 60.82 |
| #26 | 12.034 | -1.1059 | 29.7113 | 81.17 | 80.54 | 67.77 |
| ***s* Removed** | | | | | | |
| #3 | 10.823 | -0.980 | 27.7887 | 57.44 | 56.84 | 39.05 |
| #23 | 9.041 | -0.8132 | 22.9974 | 74.65 | 74.25 | 60.32 |
| #26 | 12.046 | -1.1070 | 29.7360 | 81.15 | 80.52 | 67.76 |
| ***n* Removed** | | | | | | |
| #3 | 10.919 | -0.989 | 28.0504 | 57.08 | 56.47 | 38.64 |

| | | | | | | |
|---|---|---|---|---|---|---|
| #23 | 9.215 | -0.8311 | 22.6330 | 76.44 | 76.07 | 63.16 |
| #26 | 12.181 | -1.1201 | 30.0466 | 80.98 | 80.35 | 67.68 |
| ***k* Removed** | | | | | | |
| #3 | 10.757 | -0.9762 | 26.8153 | 59.65 | 59.08 | 41.77 |
| #23 | 8.787 | -0.7916 | 21.2103 | 77.32 | 76.96 | 63.40 |
| #26 | 11.847 | -1.0891 | 28.3396 | 82.54 | 81.96 | 69.77 |
| ***t* Removed** | | | | | | |
| #3 | 10.847 | -0.982 | 27.8685 | 57.31 | 56.71 | 38.90 |
| #23 | 8.848 | -0.7949 | 22.4611 | 75.06 | 74.67 | 60.51 |
| #26 | 12.091 | -1.1114 | 29.8633 | 81.07 | 80.43 | 67.68 |
| **Substantial Increases** | | | | | | |
| ***p* Removed** | | | | | | |
| #3 | 11.598 | **-1.059** | 27.8662 | 59.54 | 58.97 | 42.40 |
| #23 | 9.166 | -0.8258 | 22.8858 | 75.35 | 74.96 | 61.48 |
| #26 | 12.855 | **-1.1879** | 28.4835 | 83.76 | 83.22 | 73.14 |
| ***f* Removed** | | | | | | |
| #3 | 11.651 | **-1.065** | 27.6084 | 60.80 | 60.25 | 44.20 |
| #23 | 9.232 | -0.8328 | 22.6632 | 76.23 | 75.86 | 62.84 |
| #26 | 12.847 | **-1.1875** | 27.8895 | 84.65 | 84.14 | 74.47 |
| ***m* Removed** | | | | | | |
| #3 | 11.663 | -1.066 | 27.7116 | 60.23 | 59.67 | 43.41 |
| #23 | 9.200 | -0.8293 | 22.8016 | 75.68 | 75.29 | 61.99 |
| #26 | 12.895 | -1.1922 | 28.0484 | 84.36 | 83.84 | 74.13 |
| ***g* Removed** | | | | | | |
| #3 | 11.478 | -1.047 | 27.7595 | 60.58 | 60.02 | 43.90 |
| #23 | 9.214 | -0.8309 | 22.6339 | 76.45 | 76.07 | 63.16 |
| #26 | 12.660 | -1.1684 | 28.4705 | 84.09 | 83.56 | 73.42 |
| **Mixed Group (not present in #26)** | | | | | | |
| **ß Removed** | | | | | | |
| #3 | 11.390 | -1.0374 | 27.8759 | 60.29 | 59.73 | 43.56 |
| #23 | 8.921 | -0.8016 | 22.7888 | 74.65 | 74.24 | 60.09 |
| **W-Group Removed** | | | | | | |
| #3 | 11.81 | **-1.081** | 30.6564 | 62.02 | 61.34 | 45.47 |
| #23 | 9.421 | **-0.8529** | 24.4814 | 74.32 | 73.83 | 58.98 |
| **Groups in Question** | | | | | | |
| ***i* Removed** | | | | | | |
| #3 | 10.771 | -0.9783 | 26.6249 | 60.15 | 59.58 | 42.40 |
| #23 | 9.214 | -0.8309 | 22.6338 | 76.45 | 76.07 | 63.16 |
| #26 | 11.828 | -1.0878 | 28.0107 | 82.90 | 82.33 | 70.36 |
| ***e* Removed** | | | | | | |
| #3 | 10.938 | -1.0011 | 26.2767 | 60.56 | 60.00 | 41.43 |
| #23 | 8.902 | -0.8138 | 21.8681 | 72.94 | 72.51 | 56.88 |
| #26 | 12.25 | -1.146 | 33.1692 | 70.39 | 69.40 | 52.35 |
| ***c* Removed** | | | | | | |
| #3 | 10.820 | -0.9847 | 26.2404 | 61.19 | 60.65 | 43.75 |
| #23 | 8.793 | -0.7930 | 20.8879 | 77.95 | 77.60 | 64.26 |
| #26 | 11.842 | -1.0935 | 26.5542 | 84.58 | 84.06 | 73.63 |

Table 4.30: Convergence Towards -1 for Zipf Slopes of Words in Selected Transcription Versions

| Version | Intercept | Slope | S | $R^2$ % | $R^2$ (adj) % | $R^2$ (pred) % |
|---|---|---|---|---|---|---|
| #3 | 8.24472 | -0.98865 | 0.94519 | 95.62 | 95.61 | 95.26 |
| #16 | 8.25058 | -0.98914 | 0.95428 | 95.57 | 95.57 | 95.21 |
| #18 | 8.25313 | -0.98931 | 0.95138 | 95.59 | 95.58 | 95.23 |
| #19 | 8.25313 | -0.98931 | 0.95138 | 95.59 | 95.58 | 95.23 |
| #21 | 8.25350 | -0.98929 | 0.95138 | 95.58 | 95.58 | 95.23 |
| #22 | 8.25185 | -0.99021 | 0.94641 | 95.61 | 95.61 | 95.26 |
| #23 | 8.25280 | -0.99040 | 0.94628 | 95.61 | 95.61 | 95.26 |
| #24 | 8.26065 | -0.99182 | 0.94903 | 95.62 | 95.62 | 95.27 |
| #25 | 8.26065 | -0.99182 | 0.94903 | 95.62 | 95.62 | 95.27 |
| #26 | 8.26168 | -0.99190 | 0.95042 | 95.61 | 95.61 | 95.26 |

Table 4.31: Progression of the Zipf Slopes across Polygraphs and Phrases in Versions #22 and #26

| Length | Version = 22 | | | | | | Version = 26 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Intercept | Slope | S | $R^2$ % | $R^2$ (adj) % | $R^2$ (pred) % | Intercept | Slope | S | $R^2$ % | $R^2$ (adj) % | $R^2$ (pred) % |
| **Polygraphs** | | | | | | | | | | | | |
| 1 (Symbols) | 9.052 | -0.8141 | 20.0518 | 75.79 | 75.50 | 62.39 | 12.391 | -1.1409 | 29.2158 | 82.73 | 82.18 | 71.31 |
| 2 | 8.1777 | -0.8965 | 3.82643 | 89.44 | 89.42 | 87.18 | 8.755 | -0.9475 | 6.38633 | 84.11 | 84.06 | 80.76 |
| 3 | 8.3045 | -0.99385 | 1.83600 | 92.35 | 92.35 | 91.48 | 8.6195 | -0.99498 | 2.82955 | 89.10 | 89.10 | 88.04 |
| 4 | 8.1866 | -1.09968 | 1.03550 | 93.87 | 93.86 | 93.53 | 8.5831 | -1.09561 | 1.53629 | 91.51 | 91.51 | 90.99 |
| 5 | 7.81746 | -1.25903 | 0.63737 | 94.63 | 94.63 | 94.43 | 8.3307 | -1.22598 | 0.86167 | 93.36 | 93.36 | 93.14 |
| 6 | 7.00717 | -1.44749 | 0.41708 | 94.27 | 94.27 | 94.10 | 7.77884 | -1.42152 | 0.49903 | 95.00 | 95.00 | 94.85 |
| 7 | 5.68390 | -1.88994 | 0.26601 | 94.49 | 94.49 | 94.29 | 6.80639 | -1.67906 | 0.23678 | 97.68 | 97.68 | 97.64 |
| 8 | 3.46265 | -2.82192 | 0.04808 | 99.28 | 99.27 | 99.09 | 5.37174 | -1.92153 | 0.10534 | 98.92 | 98.92 | 98.76 |
| 9 | | | | | | | 3.57491 | -2.3038 | 0.09329 | 97.37 | 97.37 | 94.66 |
| **Phrases** | | | | | | | | | | | | |
| 1 (Words) | 8.25185 | -0.99021 | | 95.61 | 95.61 | 95.26 | 8.26168 | -0.99190 | 0.95042 | 95.61 | 95.61 | 95.26 |
| 2 | 20.3382 | -1.75122 | 0.94641 | 67.58 | 67.58 | 67.56 | | | | | | |
| 3 | 5.11856 | -2.73596 | 17.1707 | 98.65 | 98.65 | 98.58 | | | | | | |
| 4 | 2.99597 | -1.64270 | 0.02867 | 86.78 | 86.78 | 85.00 | | | | | | |
| 5 | 2.83338 | -1.51993 | 0.03056 | 88.99 | 88.99 | 87.03 | | | | | | |
| 6 | 2.77270 | -1.58291 | 0.02346 | 94.17 | 94.17 | 93.27 | | | | | | |
| 7 | 2.70815 | -1.71153 | 0.01584 | 94.56 | 94.56 | 94.08 | | | | | | |
| 8 | 2.63919 | -2.10676 | 0.01499 | 92.03 | 92.03 | 91.19 | | | | | | |
| 9 | 2.56504 | -2.00327 | 0.01991 | 95.09 | 95.09 | 94.06 | | | | | | |
| 10 | 2.30264 | -1.82760 | 0.01253 | 96.09 | 96.09 | 94.91 | | | | | | |
| 11 | 2.07947 | -1.70227 | 0.00892 | 98.15 | 98.15 | 97.17 | | | | | | |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 | 1.79176 | -1.60726 | 0.00490 | 99.98 | 99.98 | 99.95 | | | | | | |
| 13 | 1.60944 | -2.32193 | 0.00038 | 100.00 | 100.00 | 100.00 | | | | | | |
| 14 | 1.09861 | -1.58496 | 0.00000 | 100.00 | 100.00 | 100.00 | | | | | | |
| 15 | 0.69314 | -1 | 0.00000 | 100.00 | 100.00 | * | | | | | | |

Table 5.1: Sukhotin Scores for Each Letter in Version #22

| Ranks | | Glyphs | | Whole Document | | By Section | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| # | Document Rank | Symbol | | Document-Wide | Distinct Words | Herbal | Cosmological | Balneological | Pharmacological | Front/Backmatter |
| 1 | 1 | a | | 15.068 | 8.73 | 13.313 | 11.161 | 11.988 | 13.011 | 5.727 |
| 2 | 2 | e | | 15.003 | 9.4 | -13.16 | -10.307 | 12.996 | 13.198 | -6.014 |
| 3 | 3 | o | | 14.528 | 8.458 | 12.824 | 10.677 | 12.78 | 12.656 | 5.781 |
| 4 | 4 | y | | 11.107 | 6.961 | 11.656 | 9.783 | 11.735 | -11.531 | 4.369 |
| 5 | 5 | Á | | 3.97 | 3.85 | 2.565 | 2.485 | 0 | 2.996 | 0.693 |
| 7 | 6 | O | | 1.792 | 1.792 | 0 | 0.693 | 1.099 | 1.386 | 0 |
| 6 | 6 | ‘ | | 1.792 | 1.792 | 1.792 | 0 | 0 | 0 | 0 |
| 8 | 8 | ¬ | | 0.693 | 0.693 | 0 | 0.693 | 0 | 0 | 0 |
| 15 | 9 | ¨ | | 0 | 0 | -1.609 | 0 | 0 | -1.792 | 0 |
| 32 | 31 | ë | | -0.693 | -0.693 | 0 | 0 | -0.693 | 0 | 0 |
| 33 | 31 | ó | | -0.693 | -0.693 | 0 | 0 | -0.693 | 0 | 0 |
| 38 | 31 | × | | -0.693 | -0.693 | 0 | 0 | 0 | -0.693 | 0 |
| 35 | 31 | b | | -0.693 | -0.693 | -0.693 | 0 | 0 | 0 | 0 |
| 36 | 31 | Õ | | -0.693 | -0.693 | -0.693 | 0 | 0 | 0 | 0 |
| 39 | 31 | Þ | | -0.693 | -0.693 | -1.386 | 0 | 0 | 0 | 0 |
| 34 | 31 | ô | | -0.693 | -0.693 | -1.386 | 0 | 0 | 0 | 0 |
| 31 | 31 | ê | | -0.693 | -0.693 | 0 | -0.693 | 0 | 0 | 0 |
| 37 | 31 | Ö | | -0.693 | -0.693 | 0 | -0.693 | 0 | 0 | 0 |
| 40 | 40 | Ð | | -1.099 | -1.099 | 0 | 0 | 0 | -1.099 | 0 |
| 41 | 40 | É | | -1.099 | -1.099 | 0 | 0 | 0 | -1.099 | 0 |
| 43 | 40 | *f* | | -1.099 | -1.099 | 0 | 0 | 0 | 0 | 0 |
| 42 | 40 | F | | -1.099 | -1.099 | -1.609 | -1.386 | 0 | 0 | 0 |
| 49 | 44 | ñ | | -1.386 | -1.386 | 0 | -1.386 | 0 | 0 | 0 |
| 46 | 44 | Ç | | -1.386 | -1.386 | 0 | -1.386 | 0 | 0 | 0 |
| 44 | 44 | ‰ | | -1.386 | -1.386 | 0 | 0 | 0 | 0 | 0 |
| 45 | 44 | Î | | -1.386 | -1.386 | -0.693 | -0.693 | 0 | 0 | 0 |
| 48 | 44 | õ | | -1.386 | -1.386 | 0 | 0 | 0 | -1.386 | 0 |
| 47 | 44 | ½ | | -1.386 | -1.386 | -0.693 | 0 | -0.693 | 0 | 0 |
| 53 | 50 | v | | -1.609 | -1.609 | 0 | 0 | -1.386 | 0 | 0 |
| 52 | 50 | • | | -1.609 | -4.205 | 2.197 | 5.069 | 2.639 | -3.664 | 0 |
| 50 | 50 | A | | -1.609 | -1.609 | 0 | -1.609 | 0 | 0 | 0 |
| 51 | 50 | ° | | -1.609 | -1.609 | 0 | -2.079 | 0 | 0 | 0 |
| 54 | 54 | z | | -1.946 | -1.946 | 0 | 0 | 0 | -1.792 | 0 |
| 55 | 54 | K | | -1.946 | -1.946 | -1.386 | -1.609 | 0 | 0 | 0.693 |
| 56 | 56 | à | | -3.296 | -3.178 | 0 | -2.565 | -2.303 | -1.946 | 0 |
| 57 | 57 | j | | -3.332 | -2.773 | 0 | -2.89 | 0 | -1.946 | 0 |
| 58 | 58 | T | | -3.367 | -2.89 | -3.045 | 0 | -0.693 | 0 | 0 |
| 59 | 59 | Ù | | -3.497 | -3.497 | -2.773 | -1.099 | -0.693 | -1.099 | 0 |
| 60 | 60 | ì | | -4.043 | -3.091 | -0.693 | -1.099 | -1.386 | -3.738 | 0 |
| 61 | 61 | x | | -4.094 | -3.784 | -2.773 | -2.708 | 0 | -2.398 | 0 |
| 62 | 62 | ö | | -4.419 | -2.944 | -3.178 | -1.792 | 0 | -2.833 | 0 |
| 63 | 63 | ù | | -4.787 | -4.025 | -3.332 | -3.258 | 0 | -3.401 | 0 |
| 64 | 64 | Ý | | -4.828 | -4.078 | -3.258 | -3.258 | -0.693 | -3.689 | 0 |
| 65 | 65 | i | | -4.927 | -4.394 | -3.989 | -2.485 | 0 | -3.689 | 0 |
| 66 | 66 | g | | -5.22 | -4.86 | 1.609 | -3.738 | -1.792 | -3.932 | 0 |
| 67 | 67 | h | | -5.649 | -4.407 | -3.611 | -3.045 | -2.944 | 4.543 | 0 |
| 68 | 68 | ð | | -5.924 | -4.927 | -4.852 | -3.367 | -1.099 | -3.584 | -1.792 |
| 69 | 69 | ú | | -6.045 | -4.22 | -4.615 | -3.367 | 0 | -4.317 | 0 |
| 70 | 70 | f | | -6.88 | -6.256 | -6.275 | -6.011 | -2.485 | -4.812 | -1.386 |
| 71 | 71 | n | | -7.435 | -5.165 | -6.576 | -3.761 | -3.807 | -4.796 | -2.89 |
| 72 | 72 | ï | | -7.788 | -5.649 | -6.503 | -2.639 | -4.248 | -5.298 | -2.197 |
| 73 | 73 | ø | | -7.958 | -4.898 | -5.841 | -5.981 | -2.303 | -6.096 | -1.386 |
| 74 | 74 | ã | | -8.789 | -5.231 | -5.412 | -6.593 | -4.82 | -7.295 | 0 |
| 75 | 75 | p | | -9.257 | -6.985 | -7.719 | -7.244 | -6.211 | -7.96 | -1.099 |
| 76 | 76 | â | | -10.658 | -6.417 | -8.05 | -8.016 | -5.004 | -9.151 | -1.609 |
| 77 | 77 | m | | -10.785 | -6.664 | -8.995 | -7.857 | -5.935 | -8.878 | -0.693 |
| 78 | 78 | Ü | | -11.266 | -6.475 | -10.306 | -5.226 | -8.383 | -7.364 | -3.989 |
| 79 | 79 | s | | -11.659 | -7.694 | -9.044 | -8.21 | -9.361 | -9.503 | -2.996 |
| 80 | 80 | í | | -11.685 | -6.54 | -8.725 | -5.303 | -9.389 | -8.457 | 1.386 |
| 81 | 81 | û | | -12.777 | -6.485 | -9.738 | -6.415 | -11.092 | -11.093 | -4.205 |
| 82 | 82 | ß | | -13.593 | -7.435 | -11.02 | 7.222 | -11.948 | -11.223 | -4.174 |
| 83 | 83 | t | | -13.743 | -8.369 | -11.24 | -10.195 | -10.896 | -12.016 | -3.784 |
| 84 | 84 | r | | -13.996 | -8.389 | -12.029 | -10.886 | -10.419 | -11.88 | -4.875 |
| 85 | 85 | q | | -14.031 | -7.429 | -10.509 | -8.351 | -12.488 | -12.327 | 0 |
| 86 | 86 | c | | -14.321 | -8.583 | 11.983 | 8.978 | -11.755 | -12.373 | 4.673 |
| 87 | 87 | l | | -14.389 | -8.573 | -12.241 | -10.481 | -12.178 | -12.219 | -5.088 |
| 88 | 88 | w | | -14.672 | -7.069 | -13.172 | -10.359 | -10.584 | -12.627 | -4.956 |
| 89 | 89 | k | | -14.931 | -8.685 | -11.583 | -9.967 | -13.1 | -13.295 | -4.754 |
| 90 | 90 | d | | -15.508 | -9.09 | -13.37 | -10.624 | -13.539 | -12.474 | -5.666 |

Table 5.2: Discrepancy Tracking of Sectional Sukhotin Scores over All Versions

| Version | Sukhotin Strength | Distinct Words | Herbal | Cosmological | Balneological | Pharmacological | Front/Backmatter |
|---|---|---|---|---|---|---|---|
| #3 | 320.999 | 220.017 | 399.874 | 201.903 | 70.731 | 87.579 | 304.141 |
| #4 | 330.432 | 169.2 | 69.435 | 145.696 | 74.52 | 81.944 | 178.449 |
| #5 | 330.237 | 170.698 | 69.833 | 146 | 74.673 | 82.187 | 173.528 |
| #6 | 367.814 | 132.712 | 74.506 | 159.567 | 89.279 | 126.448 | 190.183 |
| #7 | 322.168 | 204.789 | 399.745 | 195.396 | 79.009 | 89.453 | 304.229 |
| #8 | 319.277 | 201.545 | 394.294 | 192.696 | 77.469 | 82.036 | 301.337 |
| #9 | 370.916 | 222.254 | 399.559 | 207.481 | 104.154 | 88.674 | 330.759 |
| #10 | 404.729 | 150.441 | 80.083 | 154.387 | 113.86 | 139.265 | 203.21 |
| #11 | 414.235 | 151.4 | 80.605 | 155.333 | 121.008 | 139.904 | 212.687 |
| #12 | 414.235 | 151.4 | 80.605 | 155.333 | 121.008 | 139.904 | 212.687 |
| #13 | 414.235 | 151.4 | 80.605 | 155.333 | 121.008 | 139.904 | 212.687 |
| #14 | 354.715 | 127.633 | 143.974 | 183.582 | 84.17 | 102.254 | 222.618 |
| #15 | 370.767 | 222.148 | 399.617 | 207.628 | 103.544 | 88.482 | 330.61 |
| #16 | 398.058 | 144.732 | 138.525 | 175.071 | 112.094 | 113.173 | 242.183 |
| #17 | 412.787 | 149.997 | 137.261 | 179.088 | 112.645 | 113.724 | 247.703 |
| #18 | 400.954 | 147.611 | 145.666 | 182.661 | 120.336 | 112.9 | 244.836 |
| #19 | 359.858 | 136.146 | 137.139 | 174.755 | 84.704 | 100.744 | 217.486 |
| #21 | 403.026 | 146.3 | 147.755 | 184.289 | 123.565 | 110.454 | 246.944 |
| #22 | 402.779 | 146.071 | 148.126 | 185.112 | 123.399 | 110.297 | 246.715 |
| #23 | 384.939 | 124.749 | 127.903 | 169.312 | 101.168 | 98.175 | 229.946 |
| #24 | 257.34 | 101.429 | 110.463 | 140.954 | 54.416 | 22.811 | 169.644 |
| #25 | 244.385 | 84.487 | 175.347 | 118.086 | 54.946 | 20.584 | 150.819 |
| #26 | 245.649 | 85.482 | 195.986 | 118.762 | 55.373 | 20.715 | 151.494 |

Table 5.3: Leading Sectional Sukhotin Score Discrepancies for Each Version Up to #26

| Rank | Symbol | Sukhotin Score | Distinct Words | Herbal | Cosmological | Balneological | Pharmacological | Front/Backmatter |
|---|---|---|---|---|---|---|---|---|
| **Version #3** | | | | | | | | |
| 2 | o | 14.926 | 4.239 | 29.569 | 2.302 | 0.429 | 1.141 | 25.884 |
| 3 | e | 14.642 | 24.602 | 26.474 | 26.443 | -0.046 | 0.577 | 24.957 |
| 5 | c | 13.832 | 23.626 | 27.862 | 25.193 | 0.836 | 1.001 | 23.989 |
| 6 | s | 12.64 | 22.068 | 25.266 | 23.753 | -0.218 | 1.472 | 22.805 |
| 7 | y | 12.097 | 3.078 | 24.255 | 0.375 | -1.359 | 24.601 | 3.266 |
| 58 | [illegible] (ß) | -4.533 | -7.577 | -7.098 | -8.404 | -0.163 | -1.397 | -4.533 |
| 63 | [illegible] (O) | -5.855 | -12.547 | -8.851 | -13.144 | -0.387 | -1.035 | -5.855 |
| 64 | f | -7.931 | -0.493 | -13.949 | -0.275 | -0.905 | -0.735 | -0.68 |
| 65 | p | -10.527 | -2.301 | -18.265 | -1.799 | -0.957 | -0.353 | -3.025 |
| 66 | m | -10.779 | -2.927 | -0.749 | -0.966 | -3.198 | -0.931 | -16.083 |
| 67 | t | -13.833 | -4.591 | -24.427 | -1.704 | -1.172 | -0.818 | -5.032 |
| 68 | r | -13.982 | -4.37 | -24.28 | -1.166 | -1.821 | -1.163 | -5.309 |
| 69 | q | -14.022 | -5.387 | -25.058 | -3.719 | 0.178 | -0.72 | -14.022 |
| 70 | l | -14.425 | -4.594 | -26.893 | -2.006 | -0.43 | -1.174 | -23.92 |
| 71 | k | -14.954 | -5.664 | -26.221 | -3.095 | -0.134 | -0.667 | -9.651 |
| 72 | h | -15.433 | -25.371 | -29.57 | -26.623 | -0.434 | -1.105 | -26.773 |
| **Version #4** | | | | | | | | |
| 3 | e | 14.644 | 23.648 | 4.605 | 25.721 | -0.055 | 0.582 | 4.885 |
| 6 | y | 12.136 | 2.592 | -0.741 | 0.413 | -1.33 | 24.631 | 21.102 |
| 61 | [illegible] (O) | -5.823 | -12.53 | -1.834 | -13.106 | -0.42 | -1.069 | -5.823 |
| 66 | [illegible] (ß) | -13.612 | -19.515 | -1.046 | -22.726 | 0.085 | -1.397 | -3.505 |
| 69 | q | -14.022 | -5.349 | -2.291 | -3.723 | 0.186 | -0.724 | -14.022 |
| **Version #5** | | | | | | | | |
| 3 | e | 14.644 | 23.648 | 4.55 | 25.715 | -0.054 | 0.585 | 4.856 |
| 6 | y | 12.145 | 2.591 | -0.745 | 0.426 | -1.32 | 24.637 | 21.139 |
| 61 | [illegible] (O) | -5.823 | -12.534 | -1.834 | -13.1 | -0.42 | -1.078 | -5.823 |
| 66 | [illegible] (ß) | -13.491 | -21.081 | -1.286 | -22.73 | 0.161 | -1.372 | -3.929 |
| 69 | q | -14.022 | -5.344 | -2.285 | -3.729 | 0.185 | -0.727 | -14.022 |
| **Version #6** | | | | | | | | |
| 3 | e | 14.644 | 7.532 | 4.542 | 25.705 | -0.053 | 0.588 | 4.825 |
| 6 | y | 12.136 | 2.58 | -0.755 | 0.424 | -1.327 | 24.736 | 21.162 |
| 62 | [illegible] (ð) | -5.73 | 0.226 | 0.552 | -0.56 | -8.563 | -2.686 | 1.45 |
| 63 | [illegible] (O) | -5.823 | 0.836 | -1.834 | -13.095 | -0.425 | -1.078 | -5.823 |
| 66 | p | -10.489 | -1.594 | -1.492 | -1.312 | -0.962 | -0.344 | -10.489 |
| 68 | [illegible] (í) | -10.9 | -3.214 | -0.765 | -3.682 | -0.384 | -19.165 | -3.114 |
| 69 | [illegible] (î) | -11.01 | -3.319 | 0.655 | -3.853 | -1.357 | -18.283 | -2.326 |
| 71 | [illegible] (ß) | -13.594 | -4.85 | -1.02 | -22.728 | 0.08 | -1.385 | -3.478 |
| 74 | q | -14.022 | -5.279 | -2.277 | -3.736 | 0.183 | -0.73 | -14.022 |
| **Version #7** | | | | | | | | |
| 2 | o | 14.926 | 4.237 | 29.569 | 2.298 | 0.43 | 1.141 | 25.883 |
| 3 | e | 14.642 | 24.563 | 26.473 | 26.436 | -0.045 | 0.577 | 24.957 |
| 5 | c | 13.832 | 23.643 | 27.862 | 25.199 | 0.837 | 1.001 | 24.012 |
| 6 | s | 12.638 | 22.079 | 25.266 | 23.76 | -0.219 | 1.47 | 22.803 |
| 7 | y | 12.097 | 3.063 | 24.254 | 0.371 | -1.359 | 24.6 | 3.266 |
| 8 | [illegible] (Á) | 3.555 | -1.526 | 7.76 | -0.863 | 3.555 | 0.188 | -2.441 |
| 9 | [illegible] (•) | 2.89 | -3.194 | 5.455 | -4.114 | -1.54 | 7.297 | 2.89 |
| 60 | [illegible] (ß) | -4.844 | -0.855 | -8.245 | -8.14 | -0.475 | -2.542 | -4.844 |
| 65 | f | -7.954 | -0.508 | -13.972 | -0.22 | -0.929 | -0.741 | -0.703 |
| 66 | p | -10.53 | -2.285 | -18.267 | -1.789 | -0.96 | -0.355 | -3.028 |
| 67 | m | -10.78 | -2.919 | -0.75 | -0.962 | -3.198 | -0.931 | -16.083 |
| 68 | t | -13.834 | -4.585 | -24.427 | -1.702 | -1.173 | -0.818 | -5.032 |
| 69 | r | -13.983 | -4.367 | -24.281 | -1.165 | -1.823 | -1.16 | -5.311 |
| 70 | q | -14.022 | -5.382 | -25.057 | -3.716 | 0.177 | -0.721 | -14.022 |
| 71 | l | -14.426 | -4.59 | -26.893 | -2.004 | -0.431 | -1.172 | -23.921 |
| 72 | k | -14.955 | -5.653 | -26.221 | -3.091 | -0.134 | -0.667 | -9.651 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 73 | ᦵ (h) | -15.433 | -25.372 | -29.57 | -26.624 | -0.434 | -1.106 | -26.773 |
| **Version #8** | | | | | | | | |
| 2 | o | 14.926 | 4.221 | 29.569 | 2.295 | 0.43 | 1.141 | 25.885 |
| 3 | e | 14.641 | 24.591 | 26.473 | 26.442 | -0.046 | 0.576 | 24.958 |
| 5 | c | 13.832 | 23.641 | 27.862 | 25.196 | 0.836 | 1.001 | 24.013 |
| 6 | s | 12.638 | 22.077 | 25.266 | 23.757 | -0.22 | 1.469 | 22.804 |
| 7 | y | 12.097 | 3.069 | 24.254 | 0.372 | -1.359 | 24.6 | 3.265 |
| 8 | ᦷ (Á) | 3.555 | -1.526 | 7.76 | -0.851 | 3.555 | 0.188 | -2.441 |
| 59 | ᦸ (ß) | -4.844 | -1.378 | -8.245 | -8.14 | -0.475 | -1.954 | -4.844 |
| 64 | f | -7.954 | -0.521 | -13.972 | -0.241 | -0.928 | -0.723 | -0.702 |
| 65 | p | -10.53 | -2.288 | -18.268 | -1.795 | -0.96 | -0.354 | -3.027 |
| 66 | m | -10.78 | -2.92 | -0.749 | -0.964 | -3.198 | -0.931 | -16.083 |
| 67 | t | -13.834 | -4.589 | -24.428 | -1.703 | -1.173 | -0.818 | -5.031 |
| 68 | r | -13.983 | -4.368 | -24.281 | -1.167 | -1.823 | -1.16 | -5.31 |
| 69 | q | -14.022 | -5.383 | -25.058 | -3.719 | 0.177 | -0.72 | -14.022 |
| 70 | l | -14.426 | -4.592 | -26.894 | -2.007 | -0.431 | -1.171 | -23.921 |
| 71 | k | -14.955 | -5.659 | -26.221 | -3.094 | -0.134 | -0.667 | -9.651 |
| 72 | ᦵ (h) | -15.433 | -25.372 | -29.571 | -26.621 | -0.434 | -1.105 | -26.774 |
| **Version #9** | | | | | | | | |
| 2 | o | 14.927 | 4.26 | 29.575 | 2.308 | 0.448 | 1.133 | 25.907 |
| 3 | e | 14.642 | 24.57 | 26.479 | 26.433 | -0.027 | 0.569 | 24.98 |
| 4 | c | 13.832 | 23.62 | 27.867 | 25.188 | 0.855 | 0.994 | 24.034 |
| 5 | s | 12.637 | 22.061 | 25.271 | 23.755 | -0.202 | 1.462 | 22.824 |
| 6 | y | 12.097 | 3.084 | 24.26 | 0.382 | -1.34 | 24.608 | 3.244 |
| 7 | ᦷ (Á) | 3.555 | -1.507 | 7.76 | -0.851 | 3.555 | 0.188 | -2.463 |
| 62 | ᦸ (ß) | -4.844 | -1.378 | -8.245 | -8.14 | -0.5 | -1.954 | -4.844 |
| 65 | ᦹ(O) | -5.883 | -12.583 | -8.656 | -13.178 | -0.432 | -1.055 | -5.883 |
| 66 | ᦺ (ú) | -6.052 | -0.555 | -0.247 | -0.87 | -6.052 | -0.754 | -6.052 |
| 68 | f | -7.959 | -0.556 | -13.983 | -0.254 | -0.953 | -0.739 | -0.686 |
| 71 | p | -10.529 | -2.316 | -18.273 | -1.802 | -0.978 | -0.346 | -3.005 |
| 73 | m | -10.785 | -2.892 | -0.741 | -0.97 | -3.218 | -0.922 | -16.108 |
| 75 | t | -13.835 | -4.611 | -24.434 | -1.713 | -1.19 | -0.812 | -5.011 |
| 76 | r | -14 | -4.38 | -24.087 | -1.167 | -1.857 | -1.138 | -5.118 |
| 77 | q | -14.023 | -5.403 | -25.063 | -3.727 | 0.159 | -0.713 | -14.023 |
| 78 | l | -14.426 | -4.616 | -26.9 | -2.014 | -0.45 | -1.164 | -23.943 |
| 80 | k | -14.957 | -5.688 | -26.229 | -3.102 | -0.154 | -0.659 | -9.634 |
| 81 | ᦵ (h) | -15.433 | -25.352 | -29.576 | -26.613 | -0.452 | -1.098 | -26.795 |
| **Version #10** | | | | | | | | |
| 3 | e | 14.644 | 7.709 | 4.53 | 25.682 | -0.034 | 0.582 | 4.795 |
| 5 | y | 12.137 | 2.595 | -0.76 | 0.432 | -1.307 | 24.743 | 21.193 |
| 6 | ᦻ (•) | 3.807 | 8.586 | 7.333 | -3.171 | -0.956 | 8.201 | 3.807 |
| 64 | ᦾ (ð) | -5.73 | 0.183 | 0.558 | -0.457 | -8.503 | -2.686 | 1.479 |
| 65 | ᦺ (ú) | -6.052 | -0.503 | -0.2 | -0.779 | -6.052 | -0.764 | -6.052 |
| 71 | p | -10.495 | -1.622 | -1.49 | -1.322 | -0.987 | -0.343 | -10.495 |
| 74 | ᦿ(í) | -10.9 | -3.229 | -0.759 | -3.688 | -0.402 | -19.171 | -3.084 |
| 75 | ᧀ(î) | -11.01 | -3.337 | 0.661 | -3.86 | -1.376 | -18.29 | -2.296 |
| 78 | ᦸ (ß) | -13.594 | -4.864 | -1.014 | -22.723 | 0.061 | -1.379 | -3.448 |
| 81 | q | -14.023 | -5.299 | -2.272 | -3.742 | 0.164 | -0.723 | -14.023 |
| **Version #11** | | | | | | | | |
| 3 | e | 14.644 | 7.698 | 4.53 | 25.682 | -0.034 | 0.582 | 4.795 |
| 5 | y | 12.137 | 2.598 | -0.76 | 0.432 | -1.307 | 24.743 | 21.193 |
| 6 | ᦻ (•) | 3.807 | 8.586 | 7.333 | -3.171 | -0.956 | 8.201 | 3.807 |
| 66 | ᦾ (ð) | -5.73 | 0.181 | 0.558 | -0.457 | -8.503 | -2.686 | 1.479 |
| 67 | ᦺ (ú) | -6.052 | -0.503 | -0.2 | -0.779 | -6.052 | -0.764 | -6.052 |
| 73 | p | -10.491 | -1.617 | -1.488 | -1.319 | -0.983 | -0.339 | -10.491 |
| 76 | ᦿ(í) | -10.9 | -3.231 | -0.759 | -3.688 | -0.402 | -19.171 | -3.084 |
| 77 | ᧀ(î) | -11.01 | -3.336 | 0.661 | -3.859 | -1.376 | -18.29 | -2.296 |
| 80 | ᦸ (ß) | -13.594 | -4.87 | -1.014 | -22.723 | 0.061 | -1.379 | -3.448 |
| 83 | q | -14.022 | -5.297 | -2.272 | -3.743 | 0.164 | -0.723 | -14.022 |
| **Version #12** | | | | | | | | |
| 3 | e | 14.644 | 7.698 | 4.53 | 25.682 | -0.034 | 0.582 | 4.795 |
| 5 | y | 12.137 | 2.598 | -0.76 | 0.432 | -1.307 | 24.743 | 21.193 |
| 6 | ᦻ (•) | 3.807 | 8.586 | 7.333 | -3.171 | -0.956 | 8.201 | 3.807 |
| 66 | ᦾ (ð) | -5.73 | 0.181 | 0.558 | -0.457 | -8.503 | -2.686 | 1.479 |
| 67 | ᦺ (ú) | -6.052 | -0.503 | -0.2 | -0.779 | -6.052 | -0.764 | -6.052 |
| 73 | p | -10.491 | -1.617 | -1.488 | -1.319 | -0.983 | -0.339 | -10.491 |
| 76 | ᦿ(í) | -10.9 | -3.231 | -0.759 | -3.688 | -0.402 | -19.171 | -3.084 |
| 77 | ᧀ(î) | -11.01 | -3.336 | 0.661 | -3.859 | -1.376 | -18.29 | -2.296 |
| 80 | ᦸ (ß) | -13.594 | -4.87 | -1.014 | -22.723 | 0.061 | -1.379 | -3.448 |
| 83 | q | -14.022 | -5.297 | -2.272 | -3.743 | 0.164 | -0.723 | -14.022 |
| **Version #13** | | | | | | | | |
| 3 | e | 14.644 | 7.698 | 4.53 | 25.682 | -0.034 | 0.582 | 4.795 |
| 5 | y | 12.137 | 2.598 | -0.76 | 0.432 | -1.307 | 24.743 | 21.193 |
| 6 | ᦻ (•) | 3.807 | 8.586 | 7.333 | -3.171 | -0.956 | 8.201 | 3.807 |
| 66 | ᦾ (ð) | -5.73 | 0.181 | 0.558 | -0.457 | -8.503 | -2.686 | 1.479 |
| 67 | ᦺ (ú) | -6.052 | -0.503 | -0.2 | -0.779 | -6.052 | -0.764 | -6.052 |
| 73 | p | -10.491 | -1.617 | -1.488 | -1.319 | -0.983 | -0.339 | -10.491 |
| 76 | ᦿ(í) | -10.9 | -3.231 | -0.759 | -3.688 | -0.402 | -19.171 | -3.084 |
| 77 | ᧀ(î) | -11.01 | -3.336 | 0.661 | -3.859 | -1.376 | -18.29 | -2.296 |
| 80 | ᦸ (ß) | -13.594 | -4.87 | -1.014 | -22.723 | 0.061 | -1.379 | -3.448 |
| 83 | q | -14.022 | -5.297 | -2.272 | -3.743 | 0.164 | -0.723 | -14.022 |
| **Version #14** | | | | | | | | |
| 2 | e | 14.998 | 4.279 | 29.396 | 27.23 | 0.283 | 0.834 | 26.4 |
| 5 | y | 11.108 | 2.949 | -1.784 | -0.604 | -2.35 | 23.607 | 1.35 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 61 | ᦠ (h) | -5.687 | 0.148 | -0.996 | -0.731 | -1.005 | -11.216 | -5.687 |
| 62 | ᦣ (O) | -5.858 | 0.857 | -9.729 | -13.148 | -0.386 | -1.087 | -5.858 |
| 70 | ᦤ (í) | -11.685 | -3.861 | -1.728 | -4.467 | -0.557 | -2.265 | -18.459 |
| 71 | ᦥ (ß) | -13.594 | -4.854 | -1.317 | -22.728 | 0.08 | -1.405 | -4.031 |
| 74 | q | -14.023 | -5.288 | -2.279 | -3.736 | 0.183 | -0.73 | -14.023 |
| 75 | c | -14.319 | -4.428 | -27.538 | -25.212 | -0.842 | -0.979 | -24.38 |
| **Version #15** | | | | | | | | |
| 2 | o | 14.927 | 4.26 | 29.576 | 2.305 | 0.448 | 1.133 | 25.907 |
| 3 | e | 14.642 | 24.57 | 26.479 | 26.433 | -0.027 | 0.569 | 24.98 |
| 4 | c | 13.832 | 23.62 | 27.867 | 25.188 | 0.855 | 0.994 | 24.034 |
| 5 | s | 12.634 | 22.057 | 25.27 | 23.752 | -0.205 | 1.459 | 22.821 |
| 6 | y | 12.097 | 3.084 | 24.26 | 0.382 | -1.34 | 24.608 | 3.244 |
| 7 | ᦷ (Á) | 3.555 | -1.507 | 7.76 | -0.851 | 3.555 | 0.188 | -2.463 |
| 62 | ᦥ (ß) | -4.844 | -1.378 | -8.245 | -8.14 | -0.5 | -1.954 | -4.844 |
| 65 | ᦣ (O) | -5.883 | -12.583 | -8.656 | -13.178 | -0.432 | -1.055 | -5.883 |
| 66 | ᦦ (ú) | -6.052 | -0.555 | -0.247 | -0.87 | -6.052 | -0.754 | -6.052 |
| 68 | f | -7.945 | -0.532 | -13.969 | -0.24 | -0.939 | -0.725 | -0.672 |
| 71 | p | -10.529 | -2.311 | -18.272 | -1.793 | -0.977 | -0.346 | -3.005 |
| 73 | m | -10.785 | -2.892 | -0.741 | -0.97 | -3.218 | -0.922 | -16.108 |
| 75 | t | -13.834 | -4.611 | -24.433 | -1.712 | -1.191 | -0.81 | -5.01 |
| 76 | r | -14 | -4.38 | -24.087 | -1.167 | -1.857 | -1.138 | -5.118 |
| 77 | q | -14.023 | -5.405 | -25.064 | -3.728 | 0.158 | -0.712 | -14.023 |
| 78 | l | -14.426 | -4.614 | -26.9 | -2.01 | -0.45 | -1.165 | -23.943 |
| 80 | k | -14.957 | -5.688 | -26.229 | -3.097 | -0.154 | -0.66 | -9.634 |
| 81 | h | -15.433 | -25.352 | -29.576 | -26.613 | -0.452 | -1.098 | -26.795 |
| **Version #16** | | | | | | | | |
| 2 | e | 14.997 | 4.311 | 29.401 | 27.218 | 0.301 | 0.828 | 26.429 |
| 4 | y | 11.111 | 2.918 | -1.786 | -0.594 | -2.328 | 23.616 | 1.324 |
| 6 | ᦵ (•) | 3.664 | 8.612 | 0.368 | -3.32 | -0.942 | 7.883 | 3.664 |
| 63 | g | -5.112 | 0.938 | -7.415 | 0.161 | -1.615 | -0.458 | -5.112 |
| 64 | ᦠ (h) | -5.684 | 0.137 | -0.839 | -0.735 | -1.02 | -11.217 | -5.684 |
| 66 | ᦦ (ú) | -6.045 | -0.54 | -0.193 | -0.772 | -6.045 | -0.757 | -6.045 |
| 77 | ᦤ (í) | -11.685 | -3.878 | -1.722 | -4.473 | -0.576 | -2.258 | -18.488 |
| 79 | ᦥ (ß) | -13.594 | -4.874 | -1.311 | -22.723 | 0.061 | -1.398 | -4.001 |
| 82 | q | -14.023 | -5.306 | -2.273 | -3.743 | 0.164 | -0.723 | -14.023 |
| 83 | c | -14.318 | -4.446 | -27.544 | -25.206 | -0.861 | -0.973 | -24.409 |
| **Version #17** | | | | | | | | |
| 1 | e | 15.012 | 4.325 | 29.416 | 27.233 | 0.316 | 0.842 | 26.444 |
| 6 | y | 11.111 | 2.891 | -1.787 | -0.595 | -2.328 | 23.616 | 1.287 |
| 16 | ᦵ (•) | 3.497 | 8.59 | 0.201 | -3.449 | -1.109 | 7.716 | 3.497 |
| 69 | g | -5.112 | 0.938 | -7.415 | 0.161 | -1.615 | -0.458 | -5.112 |
| 70 | ᦠ (h) | -5.687 | 0.133 | -0.899 | -0.738 | -1.024 | -11.22 | -5.687 |
| 78 | ᦤ (í) | -11.685 | -3.877 | -1.722 | -4.473 | -0.576 | -2.258 | -18.488 |
| 79 | ᦥ (ß) | -13.594 | -4.874 | -1.311 | -22.727 | 0.061 | -1.399 | -4.001 |
| 81 | q | -14.024 | -5.308 | -2.274 | -3.744 | 0.166 | -0.724 | -14.024 |
| 83 | c | -14.319 | -4.444 | -27.544 | -25.206 | -0.861 | -0.973 | -24.437 |
| **Version #18** | | | | | | | | |
| 2 | e | 15.004 | 4.319 | 29.413 | 27.231 | 0.29 | 0.84 | 26.441 |
| 4 | y | 11.139 | 2.91 | -1.762 | -0.573 | -2.314 | 23.636 | 1.346 |
| 9 | ᦵ (•) | 0 | 5.425 | -3.434 | -6.984 | -4.605 | 4.625 | 0 |
| 66 | g | -5.094 | 1.002 | -7.927 | 0.219 | -1.597 | -0.242 | -5.094 |
| 67 | ᦠ (h) | -5.649 | 0.041 | -0.797 | -0.693 | -0.995 | -11.154 | -5.649 |
| 69 | ᦦ (ú) | -6.045 | -0.544 | -0.187 | -0.767 | -6.045 | -0.762 | -6.045 |
| 80 | ᦤ (í) | -11.685 | -3.862 | -1.716 | -4.467 | -0.578 | -2.262 | -18.494 |
| 82 | ß | -13.598 | -4.876 | -1.309 | -22.733 | 0.068 | -1.409 | -4 |
| 85 | q | -14.033 | -5.32 | -2.277 | -3.747 | 0.173 | -0.739 | -14.033 |
| 86 | c | -14.323 | -4.455 | -27.554 | -25.216 | -0.85 | -0.983 | -24.419 |
| **Version #19** | | | | | | | | |
| 2 | e | 15.004 | 4.307 | 29.413 | 27.235 | 0.282 | 0.845 | 26.422 |
| 5 | y | 11.137 | 2.897 | -1.764 | -0.579 | -2.324 | 23.629 | 1.363 |
| 41 | ᦵ (•) | -1.386 | 4.099 | -4.82 | -8.355 | -6.001 | 3.229 | -1.386 |
| 57 | g | -5.112 | 1.019 | -6.904 | 0.206 | -1.615 | -0.26 | -5.112 |
| 58 | ᦠ (h) | -5.649 | 0.051 | -0.797 | -0.686 | -0.986 | -11.15 | -5.649 |
| 67 | ᦤ (í) | -11.685 | -3.85 | -1.717 | -4.462 | -0.57 | -2.267 | -18.475 |
| 69 | ᦥ (ß) | -13.598 | -4.863 | -1.31 | -22.738 | 0.076 | -1.414 | -4.019 |
| 72 | q | -14.033 | -5.308 | -2.277 | -3.742 | 0.181 | -0.744 | -14.033 |
| 73 | c | -14.323 | -4.443 | -27.554 | -25.221 | -0.842 | -0.988 | -24.4 |
| **Version #21** | | | | | | | | |
| 2 | e | 15.004 | 4.32 | 29.414 | 27.231 | 0.29 | 0.84 | 26.441 |
| 4 | y | 11.131 | 2.89 | -1.77 | -0.578 | -2.322 | 23.628 | 1.338 |
| 50 | ᦵ (•) | -1.609 | 3.875 | -5.043 | -8.593 | -5.966 | 3.016 | -1.609 |
| 66 | g | -5.22 | 0.922 | -8.054 | 0.432 | -1.724 | -0.33 | -5.22 |
| 67 | ᦠ (h) | -5.649 | 0.038 | -0.797 | -0.693 | -0.995 | -11.154 | -5.649 |
| 69 | ᦦ (ú) | -6.045 | -0.544 | -0.187 | -0.767 | -6.045 | -0.762 | -6.045 |
| 80 | ᦤ (í) | -11.685 | -3.863 | -1.716 | -4.467 | -0.578 | -2.262 | -18.494 |
| 82 | ᦥ (ß) | -13.598 | -4.879 | -1.309 | -22.736 | 0.068 | -1.409 | -4 |
| 85 | q | -14.033 | -5.321 | -2.277 | -3.747 | 0.173 | -0.739 | -14.033 |
| 86 | c | -14.323 | -4.456 | -27.554 | -25.218 | -0.85 | -0.983 | -24.419 |
| **Version #22** | | | | | | | | |
| 2 | e | 15.003 | 4.321 | 29.408 | 27.227 | 0.29 | 0.84 | 26.438 |
| 4 | y | 11.107 | 2.864 | -1.794 | -0.594 | -2.344 | 23.602 | 1.315 |
| 50 | ᦵ (•) | -1.609 | 3.875 | -5.043 | -8.596 | -5.953 | 3.016 | -1.609 |
| 66 | g | -5.22 | 0.92 | -8.054 | 0.432 | -1.724 | -0.33 | -5.22 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 67 | ᦵ (h) | -5.649 | 0.038 | -0.797 | -0.693 | -0.995 | -11.154 | -5.649 |
| 69 | ᦷ (ú) | -6.045 | -0.548 | -0.187 | -0.762 | -6.045 | -0.767 | -6.045 |
| 80 | ᦸ (í) | -11.685 | -3.864 | -1.715 | -4.464 | -0.579 | -2.263 | -18.493 |
| 82 | ᦹ (ß) | -13.593 | -4.876 | -1.327 | -22.732 | 0.072 | -1.405 | -3.996 |
| 85 | q | -14.031 | -5.321 | -2.277 | -3.762 | 0.173 | -0.74 | -14.031 |
| 86 | c | -14.321 | -4.456 | -27.55 | -25.216 | -0.85 | -0.983 | -24.416 |
| **Version #26** | | | | | | | | |
| 1 | e | 15.107 | 4.215 | 0.929 | 27.126 | 0.357 | 0.904 | 3.718 |
| 3 | o | 14.411 | 5.1 | 29.085 | 1.79 | -0.086 | 0.81 | 25.369 |
| 21 | f | -6.859 | 0.535 | -12.238 | 1.142 | -2.305 | -0.862 | 0.382 |
| 22 | p | -9.191 | -1.095 | -16.805 | 0.014 | -1.213 | -0.22 | -2.105 |
| 23 | m | -10.779 | -2.916 | -0.744 | -0.989 | -3.124 | -0.932 | -16.073 |
| 24 | y | -11.768 | -5.96 | 0.953 | -23.497 | -25.103 | 0.858 | -2.054 |
| 26 | t | -13.67 | -4.172 | -23.557 | -1.529 | -1.029 | -0.671 | -4.791 |
| 27 | r | -13.972 | -4.424 | -24.095 | -1.17 | -1.833 | -1.152 | -5.542 |
| 28 | c | -14.031 | -4.529 | -0.116 | -25.332 | -1.492 | -0.852 | -4.864 |
| 29 | q | -14.032 | -5.33 | -25.072 | -3.74 | 0.177 | -0.732 | -14.032 |
| 30 | l | -14.374 | -4.651 | -26.848 | -1.966 | -0.475 | -1.182 | -23.812 |
| 32 | k | -14.889 | -5.104 | -22.892 | -2.973 | -0.06 | -0.614 | -8.208 |

Table 5.4: The Herbal c/e Imbalance for Polygraph Lengths 2-3 in Version #26

**Length = 2 and *c***

| Polygraph | Polygraph Count | Herbal Section Affinity Score |
|---|---|---|
| lc | 429 | -0.16091 |
| qc | 18 | -0.15145 |
| ac | 53 | -0.08188 |

**Length = 2 and *e***

| Polygraph | Polygraph Count | Herbal Section Affinity Score |
|---|---|---|
| en | 15 | 0.48281 |
| fe | 64 | 0.21193 |
| pe | 118 | 0.19976 |
| ᦶᦺ (Åe) | 24 | 0.19811 |
| eo | 2470 | 0.16372 |
| ef | 56 | 0.13477 |
| ea | 552 | 0.11663 |
| ek | 315 | 0.09847 |
| ce | 3185 | 0.09764 |
| et | 198 | 0.05657 |
| en | 15 | 0.48281 |
| fe | 64 | 0.21193 |
| pe | 118 | 0.19976 |
| ᦶᦺ (Åe) | 24 | 0.19811 |
| eo | 2470 | 0.16372 |
| ef | 56 | 0.13477 |
| ea | 552 | 0.11663 |
| ek | 315 | 0.09847 |
| ce | 3185 | 0.09764 |
| et | 198 | 0.05657 |

**Length = 3 and c**

| Polygraph | Polygraph Count | Herbal Section Affinity Score |
|---|---|---|
| lpc | 20 | -0.21522 |
| lkc | 50 | -0.19855 |
| oec | 11 | -0.19098 |
| cel | 24 | -0.17844 |
| lce | 281 | -0.16432 |
| lcs | 136 | -0.16383 |
| eec | 120 | -0.14490 |
| scs | 21 | -0.12563 |
| olc | 202 | -0.12534 |
| rcs | 39 | -0.12502 |
| kec | 73 | -0.11949 |
| ece | 152 | -0.11899 |
| ecs | 70 | -0.11083 |
| alc | 99 | -0.10359 |

**Length = 3 and *e***

| Polygraph | Polygraph Count | Herbal Section Affinity Score |
|---|---|---|
| eoi | 17 | 0.55144 |
| ean | 12 | 0.51811 |
| een | 12 | 0.43239 |
| feo | 11 | 0.40561 |
| eai | 127 | 0.39210 |
| pea | 11 | 0.38477 |
| eom | 31 | 0.36368 |
| sce | 58 | 0.34164 |
| eof | 20 | 0.33715 |
| ceo | 756 | 0.32131 |
| seo | 303 | 0.30803 |
| cte | 243 | 0.30108 |
| peo | 32 | 0.29705 |
| eor | 283 | 0.29240 |
| eef | 31 | 0.28953 |
| tce | 316 | 0.27799 |
| etc | 37 | 0.27366 |
| cey | 341 | 0.27009 |
| sey | 138 | 0.25779 |
| ekc | 51 | 0.25758 |
| pey | 21 | 0.25382 |
| dce | 145 | 0.24926 |
| fee | 19 | 0.24192 |
| ᦵᦶᦺ (cÅe) | 21 | 0.24192 |
| tea | 48 | 0.24147 |
| eto | 20 | 0.23662 |
| efa | 14 | 0.21811 |
| eot | 126 | 0.21625 |
| kce | 345 | 0.21543 |
| cea | 191 | 0.21497 |
| cpe | 110 | 0.21334 |
| cek | 53 | 0.21186 |
| eko | 27 | 0.20459 |
| ecf | 20 | 0.19637 |
| eyd | 21 | 0.19637 |
| cfe | 59 | 0.19179 |
| cet | 47 | 0.18724 |
| oep | 14 | 0.18477 |
| teo | 191 | 0.16199 |

| | | |
|---|---|---|
| oce | 130 | 0.16009 |
| eoc | 139 | 0.15411 |
| eol | 531 | 0.14105 |
| epa | 19 | 0.13477 |
| ese | 37 | 0.12836 |
| tey | 92 | 0.12677 |
| fce | 133 | 0.12405 |
| eam | 45 | 0.12260 |
| eok | 200 | 0.12226 |
| efc | 12 | 0.11811 |
| eod | 537 | 0.11745 |
| eyt | 29 | 0.11204 |
| eyk | 48 | 0.10794 |
| yce | 104 | 0.10214 |

Table 5.5: Vowel Clusters Identified in Version #26 through the Sukhotin Algorithm

| Polygraph | Polygraph Count | % of Vowel Clusters |
|---|---|---|
| Length = 2 | | |
| ee | 3618 | 48.408 |
| eo | 2470 | 33.048 |
| ea | 552 | 7.386 |
| oe | 454 | 6.074 |
| oa | 149 | 1.994 |
| oo | 75 | 1.003 |
| an | 61 | 0.816 |
| no | 26 | 0.348 |
| na | 17 | 0.227 |
| ae | 16 | 0.214 |
| en | 15 | 0.201 |
| ao | 12 | 0.161 |
| on | 5 | 0.067 |
| aa | 2 | 0.027 |
| ne | 1 | 0.013 |
| nn | 1 | 0.013 |

| Polygraph | Polygraph Count | % of Vowel Clusters |
|---|---|---|
| Length = 3 | | |
| 34 more with consecutive instances of *e* | 2214 | 89.817 |
| eoe | 71 | 2.88 |
| eoa | 53 | 2.150 |
| oeo | 44 | 1.785 |
| eoo | 25 | 1.042 |
| oea | 16 | 0.609 |
| ean | 12 | 0.487 |
| ooe | 6 | 0.243 |
| ooo | 5 | 0.203 |
| eon | 4 | 0.162 |
| ooa | 3 | 0.122 |
| ana | 2 | 0.081 |
| ano | 1 | 0.041 |
| aoe | 1 | 0.041 |
| aan | 1 | 0.041 |
| aea | 1 | 0.041 |
| aen | 1 | 0.041 |
| ona | 1 | 0.041 |
| noe | 1 | 0.041 |
| oaa | 1 | 0.041 |
| oan | 1 | 0.041 |
| oao | 1 | 0.041 |

| Polygraph | Polygraph Count | % of Vowel Clusters |
|---|---|---|
| Length = 4 | | |
| oeeo | 32 | 26.891 |
| eeoe | 21 | 17.647 |
| eeoa | 18 | 15.126 |
| eoee | 15 | 12.605 |
| oeea | 9 | 7.563 |
| eeoo | 7 | 5.882 |
| eean | 4 | 3.361 |
| ooee | 4 | 3.361 |
| oeoe | 3 | 2.521 |
| oeoa | 1 | 0.84 |
| aeeo | 1 | 0.84 |
| eoeo | 1 | 0.84 |
| aoeo | 1 | 0.84 |
| eoan | 1 | 0.84 |
| eoea | 1 | 0.84 |

| Polygraph | Polygraph Count | % of Vowel Clusters |
|---|---|---|
| Length = 5 | | |
| eeoee | 4 | 66.667 |
| oeoea | 1 | 16.667 |
| ooeeo | 1 | 16.667 |

Table 5.6: Consecutive Repetitions of the Same Letter in Version #26

| Polygraph | Document Count |
|---|---|
| ee | 3618 |
| ii | 920 |
| oo | 75 |
| ll | 48 |
| dd | 23 |
| cc | 6 |
| yy | 5 |
| ss | 4 |
| rr | 3 |
| aa | 2 (actually 1) |
| mm (actually gg) | 2 (1 of gg) |
| nn (0) | 1 (0) |
| ff (0) | 1 (0) |

Table 5.7: Changes in Consonant and Vowel Clusters in Version #26 Induced by Vowel Substitutions

| Character and Polygraph Length | Consonant Clusters | | | Vowel Clusters | | | |
|---|---|---|---|---|---|---|---|
| Length | Cluster Count | Polygraph Count | Improvement | Length | Cluster Count | Polygraph Count | Improvement |
| [ao \| c] | | | | | | | |
| | | | | 9 | 1 | 1 | |
| 8 | 1 | 1 | | 8 | 1 | 2 | |
| 7 | 2 | 2 | | 7 | 1 | 3 | |
| 6 | 9 | 12 | | 6 | 1 | 4 | |
| 5 | 50 | 70 | | 5 | 13 | 32 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 4 | 180 | 433 | | 4 | 18 | 337 | |
| 3 | 296 | 2840 | | 3 | 17 | 2057 | |
| ***n*** | | | | | | | |
| | | | | 9 | 1 | 1 | 0 |
| | | | 1 | 8 | 1 | 2 | 0 |
| | | | 2 | 7 | 1 | 3 | 0 |
| 6 | 3 | 3 | 9 | 6 | 2 | 5 | -1 |
| 5 | 32 | 36 | 24 | 5 | 15 | 37 | -5 |
| 4 | 158 | 280 | 210 | 4 | 21 | 353 | -16 |
| 3 | 273 | 2093 | 757 | 3 | 27 | 2093 | -36 |
| ***y*** | | | | | | | |
| | | | | 9 | 1 | 1 | 0 |
| 8 | 1 | 1 | 0 | 8 | 1 | 2 | 0 |
| 7 | 2 | 2 | 0 | 7 | 1 | 3 | 0 |
| 6 | 7 | 7 | 5 | 6 | 3 | 6 | -2 |
| 5 | 24 | 28 | 42 | 5 | 23 | 62 | -30 |
| 4 | 84 | 239 | 194 | 4 | 30 | 540 | -163 |
| 3 | 164 | 1912 | 928 | 3 | 32 | 2739 | -682 |
| ***i*** | | | | | | | |
| | | | | 9 | 1 | 1 | 0 |
| | | | 1 | 8 | 1 | 2 | 0 |
| | | | 2 | 7 | 2 | 4 | -1 |
| 6 | 2 | 2 | 10 | 6 | 6 | 13 | -9 |
| 5 | 20 | 21 | 49 | 5 | 29 | 84 | -52 |
| 4 | 111 | 203 | 230 | 4 | 38 | 625 | -288 |
| 3 | 222 | 1732 | 1108 | 3 | 32 | 3167 | -1110 |
| ***s*** | | | | | | | |
| | | | | 9 | 1 | 1 | 0 |
| 8 | 1 | 1 | 0 | 8 | 2 | 3 | -1 |
| 7 | 2 | 2 | 0 | 7 | 8 | 10 | -7 |
| 6 | 8 | 11 | 1 | 6 | 31 | 42 | -38 |
| 5 | 39 | 58 | 12 | 5 | 68 | 217 | -185 |
| 4 | 132 | 332 | 101 | 4 | 67 | 1003 | -666 |
| 3 | 232 | 2133 | 707 | 3 | 45 | 3638 | -1581 |
| ***i*** | | | | | | | |
| | | | | 11 | 1 | 1 | -1 |
| | | | | 10 | 2 | 2 | -2 |
| | | | | 9 | 3 | 3 | -3 |
| 8 | 1 | 1 | 0 | 8 | 3 | 4 | -3 |
| 7 | 2 | 2 | 0 | 7 | 5 | 7 | -5 |
| 6 | 8 | 11 | 1 | 6 | 17 | 25 | -21 |
| 5 | 34 | 51 | 19 | 5 | 52 | 171 | 139 |
| 4 | 126 | 336 | 97 | 4 | 66 | 900 | 553 |
| 3 | 216 | 2251 | 589 | 3 | 44 | 3495 | -1338 |
| **♀ (Å)** | | | | | | | |
| | | | | 9 | 1 | 1 | 0 |
| 8 | 1 | 1 | 0 | 8 | 1 | 2 | 0 |
| 7 | 2 | 2 | 0 | 7 | 1 | 3 | 0 |
| 6 | 9 | 12 | 0 | 6 | 1 | 4 | 0 |
| 5 | 50 | 70 | 0 | 5 | 15 | 34 | -2 |
| 4 | 180 | 433 | 0 | 4 | 24 | 344 | -7 |
| 3 | 292 | 2835 | 5 | 3 | 23 | 2074 | -17 |
| ***g*** | | | | | | | |
| | | | | 9 | 1 | 1 | 0 |
| 8 | 1 | 1 | 0 | 8 | 1 | 2 | 0 |
| 7 | 2 | 2 | 0 | 7 | 1 | 3 | 0 |
| 6 | 8 | 11 | 1 | 6 | 1 | 4 | 0 |
| 5 | 48 | 68 | 2 | 5 | 13 | 32 | 0 |
| 4 | 173 | 426 | 7 | 4 | 23 | 348 | -11 |
| 3 | 283 | 2825 | 15 | 3 | 26 | 2098 | -75 |
| ***m*** | | | | | | | |
| | | | | 9 | 1 | 1 | 0 |
| 8 | 1 | 1 | 0 | 8 | 1 | 2 | 0 |
| 7 | 2 | 2 | 0 | 7 | 1 | 3 | 0 |
| 6 | 9 | 12 | 0 | 6 | 2 | 5 | -2 |
| 5 | 50 | 70 | 0 | 5 | 17 | 36 | -4 |
| 4 | 176 | 429 | 4 | 4 | 30 | 369 | -32 |
| 3 | 285 | 2814 | 26 | 3 | 29 | 2173 | -116 |
| **Both *n* and *y*** | | | | | | | |
| | | | | 9 | 1 | 1 | 0 |
| | | | 1 | 8 | 1 | 2 | 0 |
| | | | 2 | 7 | 1 | 3 | 0 |
| 6 | 2 | 2 | 10 | 6 | 4 | 7 | -3 |
| 5 | 8 | 8 | 62 | 5 | 25 | 67 | -35 |
| 4 | 65 | 107 | 326 | 4 | 34 | 557 | -220 |
| 3 | 144 | 1196 | 1644 | 3 | 43 | 2776 | -719 |
| **Both *n* and *i*** | | | | | | | |
| | | | | 11 | 1 | 1 | -1 |
| | | | | 10 | 2 | 2 | -2 |
| | | | | 9 | 4 | 4 | -3 |
| | | | 1 | 8 | 6 | 7 | -5 |
| | | | 2 | 7 | 12 | 17 | -14 |
| 6 | 2 | 2 | 10 | 6 | 27 | 65 | -61 |
| 5 | 20 | 21 | 49 | 5 | 56 | 336 | -304 |
| 4 | 111 | 203 | 230 | 4 | 63 | 1402 | -1065 |
| 3 | 216 | 1718 | 1122 | 3 | 52 | 4239 | -2192 |

Table 5.8: Consonant and Vowel Cluster Counts by Version, Up to #26

| | | | Length = 3 | | Length = 4 | | Length > 4 | |
|---|---|---|---|---|---|---|---|---|
| **Version** | **Distinct Polygraphs** | **Global Polygraph Count** | **Distinct Clusters** | **Absolute Count** | **Distinct Clusters** | **Absolute Count** | **Distinct Clusters** | **Absolute Count** |
| #3 | 26297 | 145767 | 0.703 | 7.524 | 0.601 | 0.414 | 0.301 | 0.088 |
| #4 | 25127 | 137612 | 0.843 | 7.505 | 0.35 | 0.244 | 0.112 | 0.032 |
| #5 | 24449 | 133164 | 0.887 | 7.603 | 0.474 | 0.279 | 0.127 | 0.035 |
| #6 | 24076 | 129779 | 1.026 | 7.286 | 0.34 | 0.249 | 0.108 | 0.032 |
| #7 | 25808 | 144248 | 0.705 | 7.514 | 0.608 | 0.416 | 0.306 | 0.089 |
| #8 | 25779 | 144825 | 0.659 | 7.558 | 0.625 | 0.435 | 0.322 | 0.093 |
| #9 | 23673 | 132585 | 0.866 | 7.312 | 0.57 | 0.431 | 0.313 | 0.093 |
| #10 | 21641 | 116624 | 1.211 | 6.95 | 0.286 | 0.252 | 0.106 | 0.033 |
| #11 | 21710 | 116847 | 1.211 | 6.942 | 0.291 | 0.252 | 0.106 | 0.033 |
| #12 | 21710 | 116847 | 1.211 | 6.942 | 0.291 | 0.252 | 0.106 | 0.033 |
| #13 | 21710 | 116847 | 1.211 | 6.942 | 0.291 | 0.252 | 0.106 | 0.033 |
| #14 | 23059 | 129697 | 1.088 | 9.833 | 0.382 | 0.378 | 0.13 | 0.047 |
| #15 | 23676 | 132510 | 0.866 | 7.312 | 0.57 | 0.431 | 0.313 | 0.093 |
| #16 | 20769 | 116698 | 1.29 | 9.771 | 0.318 | 0.388 | 0.125 | 0.048 |
| #17 | 21855 | 116660 | 1.153 | 9.759 | 0.311 | 0.384 | 0.119 | 0.048 |
| #18 | 21116 | 117861 | 1.255 | 9.628 | 0.303 | 0.384 | 0.118 | 0.047 |
| #19 | 22639 | 125080 | 1.232 | 9.577 | 0.292 | 0.366 | 0.137 | 0.053 |
| #21 | 21192 | 117964 | 1.387 | 9.763 | 0.34 | 0.388 | 0.147 | 0.055 |
| #22 | 21159 | 117918 | 1.39 | 9.764 | 0.34 | 0.388 | 0.147 | 0.055 |
| #23 | 21164 | 118125 | 1.351 | 9.771 | 0.354 | 0.391 | 0.152 | 0.055 |
| #24 | 23940 | 139755 | 0.693 | 10.199 | 0.426 | 0.4 | 0.155 | 0.052 |
| #25 | 26270 | 156111 | 0.544 | 10.484 | 0.376 | 0.426 | 0.148 | 0.053 |
| #26 | 26132 | 155849 | 0.547 | 10.477 | 0.379 | 0.426 | 0.15 | 0.053 |

Table 6.1: Sectional Effects on Paragraph Initiator Scores for Version #26

| **Symbol** | **Paragraph Initiator Score** | **Differential by Section** | | | | |
|---|---|---|---|---|---|---|
| | | **1** | **2** | **3** | **4** | **5** |
| p | 0.43222 | 0.30030 | 0.05009 | 0.15951 | 0.49013 | -0.00024 |
| e | -0.19160 | 0.33360 | 0.02489 | 0.11683 | 0.52415 | 0.00814 |
| t | 0.18764 | 0.42291 | 0.00014 | 0.07314 | 0.51143 | -0.00172 |
| o | -0.09271 | 0.34126 | 0.04337 | 0.11134 | 0.49430 | -0.00264 |
| a | -0.07366 | 0.30948 | 0.03394 | 0.08607 | 0.55073 | 0.01015 |
| y | -0.06771 | 0.37781 | 0.03578 | 0.17701 | 0.40217 | -0.02798 |
| c | -0.06325 | 0.46679 | 0.01019 | 0.10330 | 0.47514 | -0.00285 |
| i | -0.05964 | 0.37748 | 0.02571 | 0.07844 | 0.54840 | 0.01188 |
| l | -0.05112 | 0.29922 | 0.02697 | 0.14847 | 0.49660 | 0.00580 |
| k | 0.04741 | 0.79288 | -0.00027 | -0.01196 | 0.21935 | -0.00843 |
| f | 0.03985 | 0.45246 | -0.00259 | -0.00291 | 0.52361 | 0.03137 |
| r | -0.03707 | 0.37678 | 0.03580 | 0.08064 | 0.48488 | 0.01078 |
| d | -0.03545 | 0.46565 | 0.04907 | 0.21047 | 0.22174 | 0.01418 |
| n | -0.03115 | 0.37071 | 0.02110 | 0.09599 | 0.54779 | 0.01324 |
| s | -0.01582 | 0.67834 | -0.00977 | 0.22068 | -0.01710 | 0.03583 |
| q | 0.01390 | 0.15663 | -0.02317 | 0.36701 | 0.48656 | 0.00000 |
| m | -0.00558 | 0.41570 | 0.03464 | 0.03464 | 0.54042 | 0.00000 |
| ʔ(Å) | 0.00244 | -0.03175 | 0.00000 | 0.00000 | 1.03704 | 0.00000 |
| g | -0.00073 | 0.38596 | 0.07018 | 0.01754 | 0.35088 | 0.00000 |
| x | -0.00021 | 0.31250 | 0.06250 | 0.00000 | 0.43750 | 0.00000 |
| j | -0.00003 | 0.00000 | 0.00000 | 0.00000 | 0.50000 | 0.00000 |

Table 6.2: Sectional Effects on Paragraph Terminator Scores for Version #26

| **Symbol** | **Paragraph Terminator Score** | **Differential by Section** | | | | |
|---|---|---|---|---|---|---|
| | | **1** | **2** | **3** | **4** | **5** |
| y | 0.34724 | 0.30116 | 0.02271 | 0.16589 | 0.50052 | 0.01659 |
| e | -0.19160 | 0.33360 | 0.02489 | 0.11683 | 0.52415 | 0.00814 |
| n | 0.18793 | 0.48029 | 0.01707 | 0.03209 | 0.45779 | 0.00466 |
| o | -0.12106 | 0.36779 | 0.03321 | 0.09591 | 0.48499 | 0.00862 |
| m | 0.10396 | 0.37436 | 0.06012 | 0.01054 | 0.54122 | 0.01240 |
| c | -0.09031 | 0.45534 | 0.02140 | 0.10088 | 0.44692 | 0.01227 |
| a | -0.07237 | 0.31499 | 0.03454 | 0.08761 | 0.54274 | 0.01033 |
| i | -0.05964 | 0.37748 | 0.02571 | 0.07844 | 0.54840 | 0.01188 |
| d | -0.05736 | 0.35520 | 0.00786 | 0.15255 | 0.45158 | 0.00876 |
| k | -0.05568 | 0.32006 | 0.02337 | 0.12590 | 0.53066 | 0.00717 |
| r | 0.04798 | 0.27290 | 0.07977 | 0.15257 | 0.51168 | -0.00833 |
| t | -0.03401 | 0.43274 | 0.03714 | 0.08905 | 0.39901 | 0.00947 |
| l | 0.03264 | 0.39992 | -0.04224 | 0.24122 | 0.44611 | -0.00908 |
| q | -0.02733 | 0.25035 | 0.01179 | 0.19048 | 0.55398 | 0.00000 |
| p | -0.00851 | 0.34545 | 0.03030 | 0.07576 | 0.54697 | 0.01212 |
| g | 0.00571 | 0.85327 | -0.00903 | -0.00226 | 0.18059 | 0.00000 |
| s | -0.00423 | 1.32012 | 0.26829 | 0.21646 | -1.28354 | 0.13415 |
| f | -0.00268 | 0.48558 | 0.03846 | 0.04327 | 0.38942 | 0.01442 |
| x | -0.00021 | 0.31250 | 0.06250 | 0.00000 | 0.43750 | 0.00000 |
| ʔ(Å) | -0.00014 | 0.54545 | 0.00000 | 0.00000 | 0.36364 | 0.00000 |
| j | -0.00003 | 0.00000 | 0.00000 | 0.00000 | 0.50000 | 0.00000 |

Table 6.3: Sectional Discrepancies on Paragraph Initiator Scores in Version #26

| Symbol | Differences By Section | | | | |
|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 |
| j | 0.29430 | -0.35616 | 0.17891 | -0.12208 | 0.00502 |
| p | 0.13829 | -0.00009 | 0.12410 | 0.17198 | -0.00216 |
| q | 0.09002 | 0.07953 | -0.12347 | -0.03737 | 0.00502 |
| k | 0.06791 | 0.01945 | -0.02488 | -0.01604 | 0.00057 |
| l | 0.04410 | 0.00565 | -0.05705 | -0.04418 | 0.00155 |
| x | 0.03842 | -0.25152 | 0.17891 | 0.02901 | 0.00502 |
| t | 0.02991 | -0.04753 | 0.05377 | 0.15316 | -0.00056 |
| a | 0.01623 | -0.03909 | 0.03350 | -0.08214 | -0.00145 |
| r | -0.02000 | -0.04272 | 0.05012 | -0.02280 | -0.00126 |
| g | -0.02142 | -0.23205 | 0.13863 | 0.10922 | 0.00502 |
| n | -0.02307 | 0.02961 | 0.02035 | -0.05660 | -0.00296 |
| d | -0.02331 | 0.00205 | -0.04139 | 0.02836 | 0.00021 |
| y | -0.02588 | -0.00252 | -0.04916 | 0.00964 | 0.00261 |
| s | -0.03560 | -0.01685 | -0.02926 | 0.07126 | -0.00392 |
| i | -0.03956 | 0.00483 | 0.04751 | -0.07258 | -0.00233 |
| o | -0.04109 | -0.02312 | 0.01007 | -0.03821 | 0.00080 |
| e | -0.04470 | 0.00666 | -0.03216 | -0.12177 | -0.00109 |
| m | -0.05183 | -0.04217 | 0.12126 | -0.03711 | 0.00412 |
| f | -0.08954 | -0.07121 | 0.10216 | 0.10160 | -0.00308 |
| c | -0.11066 | 0.02910 | 0.00932 | 0.00736 | -0.00168 |
| ᚠ(Å) | -0.18854 | 0.04039 | 0.07546 | 0.07012 | 0.00502 |

Table 6.4: Sectional Discrepancies on Paragraph Terminator Scores in Version #26

| Symbol | Differences By Section | | | | |
|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 |
| j | 0.29430 | -0.35616 | 0.17891 | -0.12208 | 0.00502 |
| y | 0.10427 | 0.00779 | 0.02043 | 0.21067 | 0.00647 |
| q | 0.08100 | 0.07953 | -0.13378 | -0.05928 | 0.00502 |
| n | 0.07873 | 0.03347 | 0.02937 | 0.04650 | -0.00167 |
| l | 0.07245 | 0.00565 | -0.04159 | -0.00424 | 0.00155 |
| x | 0.03842 | -0.25152 | 0.17891 | 0.02901 | 0.00502 |
| a | 0.01623 | -0.03909 | 0.03350 | -0.08085 | -0.00145 |
| k | 0.01250 | 0.01816 | -0.03133 | -0.05599 | 0.00057 |
| r | 0.00706 | -0.03757 | 0.06043 | 0.01973 | -0.00126 |
| p | 0.00556 | -0.02200 | 0.05451 | -0.04451 | -0.00216 |
| m | -0.01059 | -0.03572 | 0.12255 | 0.02217 | 0.00541 |
| g | -0.01627 | -0.23205 | 0.13863 | 0.11051 | 0.00502 |
| d | -0.02717 | 0.00334 | -0.04268 | 0.01032 | 0.00021 |
| s | -0.03045 | -0.01814 | -0.02668 | 0.07642 | -0.00392 |
| i | -0.03956 | 0.00483 | 0.04751 | -0.07258 | -0.00233 |
| e | -0.04470 | 0.00666 | -0.03216 | -0.12177 | -0.00109 |
| o | -0.05398 | -0.02312 | 0.00878 | -0.05110 | -0.00049 |
| t | -0.06417 | -0.04882 | 0.03702 | 0.04362 | -0.00056 |
| f | -0.10887 | -0.07121 | 0.10216 | 0.07970 | -0.00437 |
| c | -0.12226 | 0.02781 | 0.00675 | -0.00295 | -0.00297 |
| ᚠ(Å) | -0.18854 | 0.04039 | 0.07546 | 0.06754 | 0.00502 |

Table 6.5: Sectional Specificity by Symbol in Version #26

| Symbol | Document Count | Section Affinity | | | | |
|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| ᚠ(Å) | 29 | 0.18846 | -0.04039 | -0.07546 | -0.06759 | -0.00502 |
| f | 535 | 0.10757 | 0.07111 | -0.10227 | -0.08074 | 0.00433 |
| c | 18019 | 0.08114 | -0.02974 | -0.01586 | -0.03741 | 0.00186 |
| m | 1114 | 0.04951 | 0.04197 | -0.12146 | 0.03409 | -0.00412 |
| t | 7043 | 0.04945 | 0.04755 | -0.04005 | -0.05719 | 0.00024 |
| s | 7529 | 0.02487 | 0.01700 | 0.02577 | -0.07099 | 0.00335 |
| g | 149 | 0.02114 | 0.23200 | -0.13864 | -0.10948 | -0.00502 |
| i | 11900 | 0.01705 | -0.00636 | -0.05218 | 0.03988 | 0.00162 |
| n | 6216 | 0.01153 | -0.03027 | -0.02334 | 0.03953 | 0.00254 |
| o | 26212 | 0.00946 | 0.01910 | -0.02039 | -0.00761 | -0.00055 |
| d | 13245 | 0.00680 | -0.00379 | 0.03393 | -0.03622 | -0.00071 |
| r | 7655 | 0.00603 | 0.04140 | -0.05311 | 0.00482 | 0.00086 |
| y | 17882 | 0.00030 | 0.00010 | 0.03718 | -0.03687 | -0.00071 |
| p | 1697 | -0.00850 | 0.02174 | -0.05516 | 0.03986 | 0.00205 |
| e | 38229 | -0.01922 | -0.01143 | 0.00977 | 0.02134 | -0.00047 |
| k | 11111 | -0.03032 | -0.01946 | 0.02432 | 0.02644 | -0.00097 |
| x | 43 | -0.03848 | 0.25151 | -0.17891 | -0.02910 | -0.00502 |
| a | 14698 | -0.03902 | 0.03659 | -0.03984 | 0.04158 | 0.00070 |
| l | 10715 | -0.05939 | -0.00703 | 0.04946 | 0.01880 | -0.00184 |
| q | 5454 | -0.08784 | -0.07985 | 0.12857 | 0.04414 | -0.00502 |
| j | 6 | -0.29430 | 0.35616 | -0.17891 | 0.12206 | -0.00502 |

Table 6.6: Ranking the Cumulative Figure Affinity Scores in Version #26

| Figure Affinity Score | Value |
|---|---|
| Herbal Phytomorphs | 1.16974 |
| Canisters | 0.52867 |
| Balneological Nymphs | 0.52127 |
| Pharmacological Phytomorphs | 0.50073 |
| Balneological Non-Nymphs | 0.41369 |
| Rosette Figures | 0.40530 |
| Cosmological Nymphs | 0.35922 |
| Text Rings | 0.17860 |
| Figures in General | 0.17768 |
| Cosmological Non-Nymphs | 0.14063 |

Table 6.7: Symbol Affinity Scores by Figure Type in Version #26

| Glyph | Count | Figures | Canisters | Herbal Phytomorphs | Pharmacological Phytomorphs | Cosmological Nymphs | Balneological Nymphs | Cosmological Other | Balneological Other | Rosette Figures | Text Rings |
|---|---|---|---|---|---|---|---|---|---|---|---|
| o | 26212 | 0.03271 | 0.07637 | -0.01137 | **0.10971** | 0.05063 | 0.08062 | 0.02388 | 0.07560 | 0.07341 | 0.02947 |
| a | 14698 | 0.01836 | 0.04253 | **0.20633** | 0.03948 | 0.04833 | 0.02912 | 0.01339 | 0.02168 | 0.03830 | 0.01372 |
| t | 7043 | 0.01141 | -0.00713 | 0.04470 | 0.00822 | 0.01370 | -0.00532 | 0.01230 | -0.00507 | 0.00264 | 0.01794 |
| r | 7655 | 0.01087 | 0.04262 | -0.03837 | 0.04170 | 0.00763 | 0.00874 | 0.00898 | 0.01745 | 0.02793 | 0.00969 |
| s | 7529 | 0.00742 | -0.00252 | -0.03773 | 0.01361 | 0.00327 | 0.01152 | 0.00778 | -0.00053 | 0.00241 | 0.00876 |
| g | 149 | 0.00231 | 0.02038 | 0.03925 | 0.01231 | 0.00325 | -0.00075 | 0.00144 | -0.00075 | 0.00662 | 0.00072 |
| l | 10715 | 0.00226 | 0.03080 | 0.06630 | 0.01766 | 0.02330 | 0.07478 | -0.00377 | 0.04862 | -0.00361 | -0.00063 |
| f | 535 | 0.00148 | 0.00436 | -0.00268 | 0.00428 | 0.00832 | -0.00268 | 0.00074 | -0.00036 | 0.00616 | -0.00026 |
| m | 1114 | 0.00082 | -0.00558 | **0.11442** | -0.00210 | 0.00842 | -0.00558 | 0.00047 | -0.00558 | 0.00031 | -0.00195 |
| x | 43 | 0.00040 | -0.00022 | -0.00022 | -0.00022 | -0.00022 | -0.00022 | 0.00053 | -0.00022 | 0.00199 | 0.00091 |
| j | 6 | 0.00021 | 0.00701 | -0.00003 | 0.00084 | -0.00003 | -0.00003 | 0.00012 | -0.00003 | 0.00107 | 0.00006 |
| ⚲(Ā) | 29 | 0.00002 | -0.00015 | -0.00015 | 0.00072 | -0.00015 | -0.00015 | -0.00010 | 0.00218 | -0.00015 | -0.00015 |
| p | 1697 | -0.00023 | 0.00206 | -0.00851 | 0.00107 | 0.00199 | -0.00636 | -0.00022 | -0.00851 | 0.00696 | -0.00116 |
| y | 17882 | -0.00029 | 0.01249 | -0.08962 | -0.00520 | 0.01088 | 0.00674 | -0.00123 | -0.00358 | -0.01743 | -0.00916 |
| d | 13245 | -0.00113 | 0.01812 | 0.05362 | -0.00024 | -0.02138 | 0.02569 | -0.00092 | 0.03594 | 0.02201 | -0.00502 |
| k | 11111 | -0.00731 | 0.00769 | -0.05569 | -0.01043 | -0.00119 | 0.02354 | -0.00864 | -0.00453 | -0.00339 | -0.00858 |
| i | 11900 | -0.00910 | -0.01387 | 0.06036 | -0.02048 | -0.01214 | -0.02324 | -0.00817 | 0.00547 | 0.01181 | -0.00969 |
| n | 6216 | -0.01074 | -0.02059 | -0.03115 | -0.01723 | -0.01065 | -0.01831 | -0.01036 | -0.00092 | -0.00905 | -0.01084 |
| e | 38229 | -0.01582 | **-0.12470** | **-0.19160** | -0.09674 | -0.05760 | -0.10381 | -0.00186 | -0.08695 | -0.07742 | 0.00684 |
| q | 5454 | -0.02008 | -0.02734 | -0.02734 | -0.02646 | -0.02684 | -0.02091 | -0.01885 | -0.02268 | -0.02255 | -0.02301 |
| c | 18019 | -0.02473 | -0.06214 | -0.09031 | -0.07203 | -0.04931 | -0.07318 | -0.01690 | -0.06705 | -0.07005 | -0.02004 |

Table 6.8: Symbol Affinity Scores by Folio, Sans Sectional Effects in Version #26

| Section | Folio | Symbol | Actual Count | Section Affinity Score | Affinity Difference |
|---|---|---|---|---|---|
| 1 | f66r | x | 5 | -0.03848 | 0.14592 |
| 3 | f76v | g | 2 | -0.13864 | 0.14103 |
| 3 | f83v | g | 1 | -0.13864 | 0.13809 |
| 3 | f82v | g | 1 | -0.13864 | 0.13680 |
| 3 | f79v | g | 1 | -0.13864 | 0.13609 |
| 3 | f83r | g | 1 | -0.13864 | 0.13573 |
| 4 | f100v | Ā | 2 | -0.06759 | 0.13406 |
| 4 | f102r2 | Ā | 2 | -0.06759 | 0.13308 |
| 3 | f80r | Ā | 2 | -0.07546 | 0.13287 |
| 4 | f99v | Ā | 2 | -0.06759 | 0.13187 |
| 4 | f101r1 | Ā | 2 | -0.06759 | 0.13133 |
| 2 | f85v2 The Rosette Folio | j | 3 | 0.35616 | 0.13024 |
| 4 | f102r2 | g | 3 | -0.10948 | 0.12614 |
| 4 | f88r | g | 3 | -0.10948 | 0.12596 |
| 4 | f88v | g | 3 | -0.10948 | 0.12541 |
| 4 | f99r | g | 3 | -0.10948 | 0.12465 |
| 4 | f89r2 | g | 3 | -0.10948 | 0.12348 |
| 4 | f112r | g | 3 | -0.10948 | 0.11962 |
| 4 | f89r1 | g | 2 | -0.10948 | 0.11921 |
| 3 | f75r | m | 9 | -0.12146 | 0.11917 |
| 4 | f89v2 | g | 2 | -0.10948 | 0.11856 |
| 4 | f99v | g | 2 | -0.10948 | 0.11821 |
| 3 | f79v | m | 6 | -0.12146 | 0.11758 |
| 3 | f81r | m | 1 | -0.12146 | 0.11726 |
| 3 | f80r | m | 8 | -0.12146 | 0.11708 |
| 3 | f78r | m | 3 | -0.12146 | 0.11680 |
| 3 | f84r | m | 5 | -0.12146 | 0.11669 |
| 3 | f78v | m | 2 | -0.12146 | 0.11620 |
| 3 | f82r | m | 3 | -0.12146 | 0.11604 |
| 3 | f81v | m | 1 | -0.12146 | 0.11599 |
| 4 | f101v1 | g | 1 | -0.10948 | 0.11593 |
| 3 | f75v | m | 3 | -0.12146 | 0.11590 |
| 3 | f84v | m | 3 | -0.12146 | 0.11570 |
| 3 | f82v | m | 3 | -0.12146 | 0.11560 |
| 3 | f79r | m | 4 | -0.12146 | 0.11526 |
| 3 | f83v | m | 1 | -0.12146 | 0.11510 |
| 3 | f77r | m | 3 | -0.12146 | 0.11504 |
| 3 | f77v | m | 2 | -0.12146 | 0.11443 |
| 3 | f80v | m | 2 | -0.12146 | 0.11376 |
| 4 | f58v | g | 2 | -0.10948 | 0.11315 |
| 4 | f100r | g | 1 | -0.10948 | 0.11299 |
| 3 | f83r | m | 1 | -0.12146 | 0.11274 |
| 3 | f76v | m | 2 | -0.12146 | 0.11223 |
| 4 | f89v1 | g | 1 | -0.10948 | 0.11206 |
| 4 | f101v2 | g | 1 | -0.10948 | 0.11125 |
| 4 | f116r | g | 2 | -0.10948 | 0.10966 |
| 3 | f76r | m | 2 | -0.12146 | 0.10910 |
| 4 | f111v | g | 2 | -0.10948 | 0.10813 |
| 4 | f58r | g | 1 | -0.10948 | 0.10590 |
| 4 | f105v | g | 1 | -0.10948 | 0.10583 |
| 3 | f78v | f | 5 | -0.10227 | 0.10457 |
| 4 | f106r | g | 1 | -0.10948 | 0.10416 |
| 1 | f46r | x | 3 | -0.03848 | 0.10405 |
| 3 | f78r | f | 4 | -0.10227 | 0.10240 |
| 4 | f103r | g | 1 | -0.10948 | 0.10176 |
| 4 | f113r | g | 1 | -0.10948 | 0.10136 |
| 3 | f84v | f | 4 | -0.10227 | 0.10130 |
| 3 | f77v | Ā | 1 | -0.07546 | 0.10112 |
| 4 | f108v | g | 1 | -0.10948 | 0.10075 |
| 3 | f84r | f | 4 | -0.10227 | 0.10050 |

Table 6.9: Symbol Affinity Scores by Folio Most Explainable by Sectional Effects in Version #26

| Section | Folio | Symbol | Actual Count | Section Affinity Score | Affinity Difference |
|---|---|---|---|---|---|
| 2 | f86v6 | x | 1 | 0.25151 | -0.24066 |
| 2 | f86v6 | g | 1 | 0.23200 | -0.23769 |
| 2 | f85r1 | x | 1 | 0.25151 | -0.23748 |
| 2 | f85r1 | g | 1 | 0.23200 | -0.23452 |
| 2 | f70r2 | g | 1 | 0.23200 | -0.23110 |
| 2 | f85r2 The 4 Hand-Raisers | g | 1 | 0.23200 | -0.22934 |
| 2 | f70v2 Pisces | g | 1 | 0.23200 | -0.22871 |
| 2 | f72v2 Virgo | g | 1 | 0.23200 | -0.22835 |
| 2 | f68r3 | g | 1 | 0.23200 | -0.22823 |
| 2 | f72v1 Libra | g | 1 | 0.23200 | -0.22810 |
| 2 | f86v5 (image needs fixing) | g | 2 | 0.23200 | -0.22810 |
| 2 | f72r2 Gemini | g | 1 | 0.23200 | -0.22810 |
| 2 | f73r Scorpio | g | 1 | 0.23200 | -0.22793 |
| 2 | f70v1 Aries Dark | g | 1 | 0.23200 | -0.22769 |
| 2 | f67v1 | g | 1 | 0.23200 | -0.22737 |
| 2 | f67v2 | g | 1 | 0.23200 | -0.22681 |
| 2 | f69r | g | 2 | 0.23200 | -0.22219 |
| 2 | f72v3 Leo | g | 2 | 0.23200 | -0.22186 |
| 2 | f70r1 | g | 2 | 0.23200 | -0.22142 |
| 2 | f67r2 Lunaria/Zodiac | g | 3 | 0.23200 | -0.21638 |
| 2 | f68v3 | g | 3 | 0.23200 | -0.21617 |
| 2 | f67r1 | g | 3 | 0.23200 | -0.21593 |
| 2 | f57v | g | 6 | 0.23200 | -0.19438 |
| 1 | f66r | Å | 1 | 0.18846 | -0.16283 |
| 1 | f42r | Å | 1 | 0.18846 | -0.15786 |
| 1 | f95v1 | Å | 1 | 0.18846 | -0.15722 |
| 1 | f90v2 | Å | 1 | 0.18846 | -0.15574 |
| 3 | f81v | q | 43 | 0.12857 | -0.12706 |
| 3 | f81r | q | 39 | 0.12857 | -0.12652 |
| 3 | f76v | q | 73 | 0.12857 | -0.12622 |
| 3 | f84v | q | 62 | 0.12857 | -0.12565 |
| 2 | f85v2 The Rosette Folio | x | 6 | 0.25151 | -0.12558 |
| 3 | f78v | q | 57 | 0.12857 | -0.12517 |
| 3 | f78r | q | 63 | 0.12857 | -0.12437 |
| 3 | f84r | q | 74 | 0.12857 | -0.12426 |
| 3 | f79r | q | 79 | 0.12857 | -0.12388 |
| 1 | f8r | Å | 2 | 0.18846 | -0.12319 |
| 3 | f83r | q | 83 | 0.12857 | -0.12297 |
| 1 | f8v | Å | 2 | 0.18846 | -0.12243 |
| 1 | f56r | Å | 2 | 0.18846 | -0.12200 |
| 1 | f35r | Å | 2 | 0.18846 | -0.12182 |
| 3 | f76r | q | 114 | 0.12857 | -0.12182 |
| 1 | f30v | Å | 2 | 0.18846 | -0.12126 |
| 3 | f79v | q | 92 | 0.12857 | -0.12097 |
| 3 | f82r | q | 88 | 0.12857 | -0.12054 |
| 3 | f80v | q | 96 | 0.12857 | -0.12046 |
| 3 | f83v | q | 85 | 0.12857 | -0.12025 |
| 3 | f75v | q | 92 | 0.12857 | -0.11995 |
| 3 | f80r | q | 111 | 0.12857 | -0.11978 |
| 3 | f82v | q | 100 | 0.12857 | -0.11879 |
| 3 | f77v | q | 102 | 0.12857 | -0.11869 |
| 3 | f75r | q | 111 | 0.12857 | -0.11859 |
| 3 | f77r | q | 113 | 0.12857 | -0.11697 |
| 2 | f85v2 The Rosette Folio | g | 20 | 0.23200 | -0.11138 |

Table 6.10: Sectional Affinities of Individual Symbols in Version #29

| Symbol | Count | Section Counts | | | | | | | Section Affinity Scores | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| e | 37485 | 174 | 9937 | 3858 | 7055 | 2509 | 12089 | 1863 | -0.0005 | -0.0192 | -0.0043 | 0.0097 | 0.0008 | 0.0261 | -0.0127 |
| o | 25604 | 117 | 7571 | 3101 | 4049 | 2365 | 6701 | 1700 | -0.0006 | 0.0106 | 0.0148 | -0.0206 | 0.0266 | -0.0343 | 0.0034 |
| c | 17583 | 124 | 6429 | 1581 | 2888 | 1030 | 4740 | 791 | 0.0019 | 0.0807 | -0.0152 | -0.0156 | -0.0075 | -0.0267 | -0.0175 |
| y | 17490 | 77 | 4978 | 1878 | 3766 | 957 | 4772 | 1062 | -0.0007 | -0.0011 | 0.0010 | 0.0374 | -0.0112 | -0.0233 | -0.0020 |
| a | 14228 | 84 | 3518 | 1893 | 2006 | 746 | 4789 | 1192 | 0.0007 | -0.0382 | 0.0329 | -0.0398 | -0.0132 | 0.0377 | 0.0199 |
| d | 12955 | 57 | 3743 | 1160 | 2715 | 714 | 3634 | 932 | -0.0007 | 0.0036 | -0.0183 | 0.0339 | -0.0109 | -0.0166 | 0.0089 |
| i | 11603 | 79 | 3511 | 907 | 1475 | 712 | 3993 | 926 | 0.0016 | 0.0196 | -0.0294 | -0.0526 | -0.0036 | 0.0478 | 0.0165 |
| k | 10840 | 45 | 2752 | 1120 | 2181 | 766 | 3436 | 540 | -0.0010 | -0.0311 | -0.0044 | 0.0245 | 0.0046 | 0.0202 | -0.0128 |
| l | 10378 | 34 | 2357 | 1261 | 2408 | 827 | 2971 | 520 | -0.0018 | -0.0593 | 0.0224 | 0.0498 | 0.0137 | -0.0118 | -0.0129 |
| r | 7434 | 45 | 2180 | 920 | 939 | 559 | 2101 | 690 | 0.0009 | 0.0063 | 0.0210 | -0.0531 | 0.0094 | -0.0133 | 0.0289 |
| s | 7368 | 63 | 2263 | 933 | 1515 | 514 | 1639 | 441 | 0.0034 | 0.0216 | 0.0214 | 0.0257 | 0.0036 | -0.0727 | -0.0029 |
| t | 6871 | 37 | 2310 | 928 | 955 | 263 | 1837 | 541 | 0.0002 | 0.0514 | 0.0301 | -0.0400 | -0.0278 | -0.0295 | 0.0156 |
| n | 6073 | 47 | 1814 | 364 | 946 | 331 | 2151 | 420 | 0.0026 | 0.0152 | -0.0484 | -0.0233 | -0.0104 | 0.0580 | 0.0063 |
| q | 5346 | 0 | 1050 | 210 | 1634 | 298 | 1886 | 268 | -0.0050 | -0.0877 | -0.0681 | 0.1287 | -0.0110 | 0.0556 | -0.0123 |
| p | 1663 | 12 | 457 | 146 | 208 | 90 | 582 | 168 | 0.0020 | -0.0079 | -0.0168 | -0.0557 | -0.0107 | 0.0515 | 0.0375 |
| m | 1059 | 1 | 367 | 132 | 62 | 76 | 327 | 94 | -0.0041 | 0.0591 | 0.0353 | -0.1215 | 0.0021 | 0.0055 | 0.0236 |
| f | 523 | 5 | 195 | 81 | 41 | 37 | 107 | 57 | 0.0043 | 0.0851 | 0.0507 | -0.1026 | 0.0064 | -0.0892 | 0.0453 |
| g | 151 | 0 | 48 | 36 | 6 | 24 | 12 | 25 | -0.0050 | 0.0336 | 0.1231 | -0.1406 | 0.1021 | -0.2139 | 0.1007 |
| x | 43 | 0 | 6 | 14 | 0 | 0 | 15 | 8 | -0.0050 | -0.1450 | 0.2149 | -0.1796 | -0.0668 | 0.0570 | 0.1244 |
| Å | 29 | 0 | 13 | 2 | 3 | 9 | 0 | 2 | -0.0050 | 0.1637 | -0.0417 | -0.0761 | 0.2436 | -0.2918 | 0.0074 |
| v | 9 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | -0.0050 | -0.2845 | 0.8894 | -0.1796 | -0.0668 | -0.2918 | -0.0616 |
| j | 6 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | -0.0050 | -0.2845 | -0.1106 | -0.1796 | 0.4332 | -0.2918 | 0.4384 |
| **Rare** | | | | | | | | | | | | | | | |
| ª | 6 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | -0.0050 | -0.2845 | 0.8894 | -0.1796 | -0.0668 | -0.2918 | -0.0616 |
| ¬ | 6 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | -0.0050 | -0.2845 | 0.8894 | -0.1796 | -0.0668 | -0.2918 | -0.0616 |
| Ä | 5 | 0 | 2 | 0 | 0 | 0 | 0 | 3 | -0.0050 | 0.1155 | -0.1106 | -0.1796 | -0.0668 | -0.2918 | 0.5384 |
| Œ | 4 | 0 | 3 | 0 | 0 | 0 | 0 | 1 | -0.0050 | 0.4655 | -0.1106 | -0.1796 | -0.0668 | -0.2918 | 0.1884 |
| © | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | -0.0050 | -0.2845 | 0.8894 | -0.1796 | -0.0668 | -0.2918 | -0.0616 |
| ° | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | -0.0050 | -0.2845 | 0.8894 | -0.1796 | -0.0668 | -0.2918 | -0.0616 |
| Ð | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | -0.0050 | -0.2845 | -0.1106 | -0.1796 | 0.4332 | -0.2918 | 0.4384 |
| ē | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | -0.0050 | -0.2845 | -0.1106 | -0.1796 | -0.0668 | -0.2918 | 0.9384 |
| ÷ | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | -0.0050 | -0.2845 | -0.1106 | -0.1796 | 0.9332 | -0.2918 | -0.0616 |
| Ē | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | -0.0050 | -0.2845 | 0.8894 | -0.1796 | -0.0668 | -0.2918 | -0.0616 |
| Š | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | -0.0050 | 0.7155 | -0.1106 | -0.1796 | -0.0668 | -0.2918 | -0.0616 |

Table 6.11: Affinity Scores of Individual Symbols for Particular Herbal "Flatbed" Subgroups in Version #29

| | Counts by Group | | | | | | | | | | Affinity Scores | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | All | 0 | 1.0 | 2.0 | 3.1 | 3.2 | 3.3 | 4.1 | 4.2 | 4.3 | 0 | 1.0 | 2.0 | 3.1 | 3.2 | 3.3 | 4.1 | 4.2 | 4.3 | Herbal Section |
| e | 9937 | 3613 | 1256 | 841 | 100 | 381 | 980 | 324 | 1153 | 1289 | 0.00233 | 0.00008 | -0.00147 | -0.00066 | -0.00073 | -0.00025 | 0.00087 | 0.00110 | -0.00127 | -0.0192 |
| o | 7569 | 2155 | 1016 | 746 | 108 | 362 | 806 | 210 | 947 | 1219 | -0.00898 | 0.00113 | 0.00078 | 0.00006 | 0.00073 | 0.00087 | 0.00000 | 0.00208 | 0.00330 | 0.0106 |
| c | 6429 | 1794 | 945 | 661 | 79 | 306 | 738 | 237 | 753 | 916 | -0.00828 | 0.00244 | 0.00115 | -0.00017 | 0.00059 | 0.00170 | 0.00106 | 0.00084 | 0.00065 | 0.0807 |
| y | 4978 | 2028 | 558 | 479 | 78 | 167 | 462 | 98 | 533 | 575 | 0.00509 | -0.00123 | 0.00030 | 0.00017 | -0.00079 | -0.00065 | -0.00071 | -0.00025 | -0.00191 | -0.0011 |
| d | 3741 | 1678 | 422 | 319 | 54 | 119 | 247 | 90 | 383 | 429 | 0.00660 | -0.00088 | -0.00051 | 0.00004 | -0.00071 | -0.00229 | -0.00024 | -0.00050 | -0.00149 | 0.0036 |
| a | 3515 | 1517 | 369 | 296 | 59 | 126 | 297 | 87 | 319 | 445 | 0.00513 | -0.00132 | -0.00054 | 0.00019 | -0.00041 | -0.00098 | -0.00018 | -0.00121 | -0.00064 | -0.0382 |
| i | 3509 | 1133 | 470 | 364 | 56 | 228 | 399 | 97 | 257 | 505 | -0.00175 | 0.00050 | 0.00068 | 0.00013 | 0.00142 | 0.00086 | -0.00000 | -0.00231 | 0.00044 | 0.0196 |
| k | 2752 | 1256 | 263 | 205 | 45 | 86 | 235 | 71 | 306 | 285 | 0.00524 | -0.00150 | -0.00091 | 0.00012 | -0.00055 | -0.00072 | -0.00009 | 0.00006 | -0.00165 | -0.0311 |
| l | 2355 | 773 | 301 | 223 | 43 | 99 | 261 | 60 | 259 | 336 | -0.00094 | 0.00008 | 0.00007 | 0.00019 | -0.00001 | 0.00045 | -0.00009 | 0.00000 | 0.00024 | -0.0593 |
| t | 2309 | 643 | 332 | 252 | 28 | 96 | 321 | 47 | 222 | 368 | -0.00300 | 0.00074 | 0.00067 | -0.00006 | -0.00003 | 0.00162 | -0.00030 | -0.00057 | 0.00093 | 0.0514 |
| s | 2263 | 711 | 325 | 180 | 20 | 98 | 209 | 66 | 337 | 317 | -0.00148 | 0.00072 | -0.00054 | -0.00020 | 0.00003 | -0.00031 | 0.00006 | 0.00159 | 0.00013 | 0.0216 |
| r | 2180 | 749 | 263 | 204 | 32 | 97 | 222 | 48 | 246 | 319 | -0.00027 | -0.00020 | 0.00002 | 0.00003 | 0.00008 | 0.00006 | -0.00022 | 0.00011 | 0.00037 | 0.0063 |
| n | 1814 | 566 | 259 | 192 | 31 | 116 | 213 | 52 | 125 | 260 | -0.00126 | 0.00055 | 0.00042 | 0.00010 | 0.00070 | 0.00056 | 0.00003 | -0.00133 | 0.00021 | 0.0152 |
| q | 1050 | 389 | 121 | 106 | 16 | 41 | 105 | 14 | 101 | 157 | 0.00037 | -0.00020 | 0.00015 | 0.00002 | -0.00006 | -0.00000 | -0.00027 | -0.00025 | 0.00024 | -0.0877 |
| p | 457 | 171 | 49 | 46 | 8 | 18 | 28 | 14 | 56 | 67 | 0.00019 | -0.00015 | 0.00006 | 0.00003 | -0.00002 | -0.00032 | 0.00002 | 0.00010 | 0.00008 | -0.0079 |
| m | 367 | 161 | 13 | 24 | 4 | 5 | 19 | 5 | 60 | 76 | 0.00058 | -0.00059 | -0.00018 | -0.00001 | -0.00019 | -0.00031 | -0.00009 | 0.00035 | 0.00046 | 0.0591 |
| f | 195 | 100 | 15 | 13 | 2 | 8 | 5 | 7 | 28 | 17 | 0.00057 | -0.00017 | -0.00009 | -0.00001 | -0.00000 | -0.00026 | 0.00002 | 0.00011 | -0.00017 | 0.0851 |
| g | 47 | 9 | 7 | 1 | 1 | 1 | 2 | 3 | 11 | 12 | -0.00013 | 0.00002 | -0.00006 | 0.00000 | -0.00001 | -0.00004 | 0.00003 | 0.00010 | 0.00010 | 0.0336 |
| A | 13 | 2 | 3 | 0 | 0 | 0 | 4 | 2 | 0 | 2 | -0.00004 | 0.00002 | -0.00002 | -0.00000 | -0.00001 | 0.00004 | 0.00003 | -0.00002 | 0.00000 | 0.1637 |
| x | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00007 | -0.00001 | -0.00001 | -0.00000 | -0.00000 | -0.00001 | -0.00000 | -0.00001 | -0.00001 | -0.1450 |
| Œ | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | -0.00001 | -0.00000 | -0.00000 | -0.00000 | -0.00000 | -0.00000 | 0.00005 | -0.00000 | -0.00000 | 0.4655 |
| Æ | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | -0.00001 | -0.00000 | -0.00000 | 0.00000 | -0.00000 | -0.00000 | 0.00003 | -0.00000 | -0.00000 | 0.1155 |
| S | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | -0.00000 | -0.00000 | -0.00000 | 0.00000 | 0.00001 | -0.00000 | 0.00000 | -0.00000 | -0.00000 | 0.7155 |

Table 6.12: Similarities of the Voynich Script to Other Alphabets[39]

| Voynich Script | | | Letter | Language Name | Source |
|---|---|---|---|---|---|
| q | | | | Paleo-Hebrew | |
| | | | Dalet | Paleo-Hebrew | |
| | | | Resh | Paleo-Hebrew | |
| Ö and « | T and | | Mem | Paleo-Hebrew | |
| | | | c | Lingua Ignota | |
| | | | | Lingua Ignota | |
| | | | | Lingua Ignota | |
| | | | f | Lingua Ignota | |
| e | | | | Lingua Ignota | |
| y | | | Bet | Paleo-Hebrew | |
| | | | Kaph | Paleo-Hebrew | |
| | | | Tsade | Paleo-Hebrew | |
| a | | | Yodh | Paleo-Hebrew | |
| | | | Lamedh | Paleo-Hebrew | |
| | | | Nun | Phoenician | |
| - | | | | Probably Latin | Catalan Atlas |

Table 6.13: Index of Coincidence Figures for 7 European Languages and the Voynich Manuscript[40]

| Language | Index of Coincidence | Kappa |
|---|---|---|
| German | 2.05 | 0.0762 |
| French | 2.02 | |
| Voynich Script | 2.01199 | 0.09574 (originally 0.09581 for Version #29) |
| Italian | 1.94 | |
| Portuguese | 1.94 | |
| Spanish | 1.94 | 0.0775 |
| Russian | 1.76 | 0.0529 |
| English | 1.73 | 0.065-0.0668 |

Table 6.14: Index of Coincidence Figures for the 7 Sections of the Voynich Manuscript

| Section | Section Word Count | IOC | Kappa |
|---|---|---|---|
| All | 37411 | 2.01199 | 0.09581 |
| 0 - Opening Address | 197 | 1.48560 | 0.09378 |
| 1 - Herbal | 11137 | 1.90917 | 0.09547 |
| 2 - Cosmological | 3968 | 1.98983 | 0.09953 |
| 3 - Balneological | 6702 | 1.98504 | 0.09927 |
| 4 - Pharmacological | 2445 | 2.13559 | 0.10684 |
| 5 – Bulleted Text Only | 10617 | 1.86744 | 0.09830 |
| 6 – Rosette Folio and Related Pages | 2345 | 1.83136 | 0.08728 |

Table 6.15: Index of Coincidence Figures for 9 Herbal Folio Subgroups, Defined By "Flatbed" Word Distributions

| Herbal Subgroup | Herbal Subsection Word Count | IOC | Measure of Roughness (kappa) |
|---|---|---|---|
| All Herbal Pages | 11137 | 1.90917 | 0.09547 |
| 0.0 (Flatbeds) | 3880 | 1.88247 | 0.09417 |
| 1.0 | 1372 | 1.89555 | 0.09989 |
| 2.0 | 1086 | 1.71500 | 0.09545 |
| 3.1 | 163 | 1.54830 | 0.08721 |
| 3.2 | 510 | 1.74955 | 0.09758 |
| 3.3 | 1138 | 1.87832 | 0.09902 |
| 4.1 | 310 | 2.09878 | 0.11104 |
| 4.2 | 1181 | 1.84273 | 0.10252 |
| 4.3 | 1496 | 1.83872 | 0.09547 |

Table 6.16: Keyword Lengths and Counts of Encipherment Alphabets by Kappa Level[41]

| Estimated Keyword Lengths | Number of Alphabets (from Sinkov) | English Kappa | Voynich Kappa |
|---|---|---|---|
| 1 | 1 | 0.0660 | 0.09574 |
| 2 | 2 | 0.0520 | |
| 3 | | 0.0473 | |
| 4 | | 0.0449 | |
| 5 | 5 (0.044, possibly rounded up) | 0.0435 | |
| 6 | | 0.0426 | |
| 7 | | 0.0419 | |
| 8 | | 0.0414 | |
| 9 | | 0.0410 | |
| 10 | 10 (0.041, possibly rounded up) | 0.0407 | |
| ∞ | 0.38 (“large polyalphabetic system”) | 0.0388 | 0.04545 |

Table 6.17: Possible Encoding Methods at the Symbol, Polygraph, Word and Phrase Levels of Granularity

| # | Encoding Method | Hypothetical Examples |
|---|---|---|
| | **Symbol Level** | |
| 1 | Single Role per Symbol in Any Position | Such as *x* in *xar, ceepcex and oxockeey* all flag the same word class or function, despite occurring in different positions. This includes ideographs. |
| | **Intermediate Symbol or Polygraph Zone** | |
| 2 | Single Role per Slot-and-Filler Position per Symbol - Separable | Such *s, y, r, o and l* appearing as single-letter words in the Top 100, but also being affixable to neighboring words while retaining the same function or semantic meaning. Single symbols can appear as both particles and transient adfixes (whereas infixes cannot). For example, *r aiin* and *raiin* would be functionally equivalent. |
| | **Polygraph Level** | |
| 3 | Single Role per Slot-and-Filler Position per Symbol | The *x* in *xar, ceepcex and oxockeey* occur in 3 different slot-and-filler positions and therefore represent 3 different functions. |
| 4 | Single Role per Polygraph in Any Position | The combination of *rx* in *oinysarx* marks a particular role, distinct from *ex* in *ddsscsex*. |
| 5 | Single Role per Slot-and-Filler Position per Polygraph | The combination of *oin* in *oinysarx* means something different than in *doin* (5) because of its position - unless of course *d* is an additional prefix, in which case the positions and accompanying roles in a slot-and-filler system might be the same. |
| 6 | Single Role per Slot-and-Filler Position per Polygraph - Separable | The polygraph *dd* carries the same meaning and function when it appears as a stand-alone word, or as a prefix in *ddaro, ddsscsex, ddarocse, dda and ddl*. |
| 7 | Roles Defined by Multiple Non-Contiguous Slot-and-Filler Positions | Such as the combination of *s-* and *-o* in *saiino* signifying a markedly different function from *saiin* or *aiino*. This seems unwieldy and unlikely. This option can be implemented through transfixes. |
| 8 | Roles Defined by Non-Contiguous Symbol/Polygraph Combinations (esp. Bases) | Such as s_n acting as a template for entire class of words, like *saiin* and *soin*, with a function distinctly separate from *daiin* and *doin*. If such relationships exist we'd expect them to be more semantic in nature. This is due to linguistic efficiency paradigms that would render such a combination difficult for the reader to glean derivational and inflection information. |
| | **Word Level** | |
| 9 | Particles - Single Words (unrelated structurally) | For example, the English pronouns *I, we, him, it*, etc. do not resemble each other in their polygraph compositions, but belong to the same semantic and functional hierarchies. In the Voynich Manuscript these would probably be limited to special roles where there is no need for expansive categories, such as the instrumental case. |
| | **Phrase Level** | |
| 10 | Spanning Relationships between Polygraphs and Symbols across Words | Some semantic content or inflection is conveyed across the constituent polygraphs of adjacent words. Gender agreement and the shift from a → an prior to English nouns beginning with vowels are minor examples of this. If this occurs across suffix-prefix boundaries, then the combination of *–dy* and *qo-* in *cseedy qokedy* (21) would convey a different meaning than *cseedy* and *qokedy* taken in isolation, beyond the mere semantic union of the 2 concepts, or of *–dy and qo-* taken in isolation. Similar phrases like *ceedy qokaiin* (12) would exhibit the same properties. This is unlikely to be derivational under linguistic efficiency paradigms because it would require the reader to scan 2 words just to determine the parts of speech of both. It may also occur across other combinations of prefix, suffix and stem boundaries, but when it does, the only likely roles are inflectional. Even these are deemed to be unlikely. |
| 11 | Phrases as Case Roles | Combinations of distinct words convey a different semantic meaning than simple compounds of the same words. It is improbable for this to be pervasive in most natural languages. Alternatively, a rigid word order could determine grammar and parts of speech, as in English. This is unlikely due to the islands of free word order and lack of distinct phrases to play the role. Phrases may still represent complex combinations of cases though, as in constructs involving the [ao][lr] group. |

Table 7.1: Distributions of the Distinct and Document-Wide Counts of Polygraphs and Words, By Length

| Length | Polygraphs | | Words | | Distinct % | | Document % | |
|---|---|---|---|---|---|---|---|---|
| | Distinct | Document | Distinct | Document | Polygraphs | Words | Polygraphs | Words |
| 1 | (symbol level) | | 31 | 795 | | 0.377 | | 2.07 |
| 2 | 285 | 158247 | 80 | 2321 | 1.096 | 0.974 | 35.842 | 6.045 |
| 3 | 1324 | 119662 | 244 | 3304 | 5.091 | 2.971 | 27.103 | 8.605 |
| 4 | 3406 | 81380 | 653 | 6305 | 13.097 | 7.95 | 18.432 | 16.421 |
| 5 | 5715 | 46376 | 1281 | 9332 | 21.977 | 15.595 | 10.504 | 24.304 |
| 6 | 6370 | 21971 | 1762 | 8065 | 24.495 | 21.451 | 4.976 | 21.004 |
| 7 | 4733 | 8834 | 1801 | 4862 | 18.2 | 21.926 | 2.001 | 12.662 |
| 8 | 2545 | 3328 | 1252 | 2093 | 9.787 | 15.242 | 0.754 | 5.451 |
| 9 | 1056 | 1151 | 674 | 857 | 4.061 | 8.206 | 0.261 | 2.232 |
| 10 | 369 | 368 | 294 | 320 | 1.419 | 3.579 | 0.083 | 0.833 |
| 11 | 140 | 138 | 86 | 87 | 0.538 | 1.047 | 0.031 | 0.227 |
| 12 | 45 | 44 | 38 | 38 | 0.173 | 0.463 | 0.01 | 0.099 |
| 13 | 15 | 15 | 11 | 11 | 0.058 | 0.134 | 0.003 | 0.029 |
| 14 | 2 | 2 | 6 | 6 | 0.008 | 0.073 | 0 | 0.016 |
| 15 | 0 | 0 | 1 | 1 | 0 | 0.012 | 0 | 0.003 |

Table 7.2: Counts of Precluded Polygraphs at Each Possible Length

| Polygraph Length | Distinct Count | Document Count | Count of Distinct Precluded Polygraphs | Expected Counts for Precluded Polygraphs | Potential Combinations in a Restricted 22-Symbol Set |
|---|---|---|---|---|---|
| 2 | 285 | 158567 | 175 | 10584.242 | 420 |
| 3 | 1324 | 119851 | 7956 | 58244.167 | 7980 |
| 4 | 3406 | 81490 | 191089 | 67807.516 | 143,640 |
| 5 | 5715 | 46431 | 4078394 | 44618.543 | 2,441,880 |
| 6 | 6370 | 21996 | 85759755 | 21873.754 | 39,070,080 |
| 7 | 4733 | 8846 | | | 586,051,200 |
| 8 | 2545 | 3336 | | | 8,204,716,800 |
| 9 | 1056 | 1155 | | | 106,661,318,400 |
| 10 | 369 | 371 | | | 1.28 E+11 |
| 11 | 140 | 140 | | | 1.408E+12 |
| 12 | 45 | 45 | | | 1.408E+13 |
| 13 | 15 | 15 | | | 1.267E+14 |
| 14 | 2 | 2 | | | 10.137E+15 |

Table 7.3: Rules Governing Repetitions of Symbols within Polygraphs

| Polygraph | Distinct Count | Document Count | Expected Count | Count Difference |
|---|---|---|---|---|
| **Length 2** | | | | |
| **Existing** | | | | |
| ee | 3615 | 13410 | 5824.96479 | 7585.03520 |
| ii | 923 | 4788 | 563.69583 | 4224.30416 |
| gg | 1 | 1 | 0.09329 | 0.90670 |
| ss | 6 | 6 | 225.85057 | -219.85057 |
| ll | 43 | 53 | 457.04590 | -404.04590 |
| dd | 23 | 25 | 699.14283 | -674.14283 |
| aa | 1 | 1 | 861.06823 | -860.06823 |
| yy | 5 | 5 | 1274.36598 | -1269.36598 |
| cc | 6 | 6 | 1294.54202 | -1288.54202 |
| oo | 75 | 93 | 2738.59984 | -2645.59984 |
| **Absent** | | | | |
| kk | | | 492.00360 | |
| rr | | | 233.41320 | |
| tt | | | 197.68666 | |
| nn | | | 153.78886 | |
| qq | | | 118.54746 | |
| pp | | | 11.47692 | |
| mm | | | 4.91029 | |
| ff | | | 1.13643 | |
| xx | | | 0.00736 | |
| BB | | | 0.00335 | |
| jj | | | 0.00014 | |

| Polygraph | Distinct Count | Document Count | Expected Count | Count Difference |
|---|---|---|---|---|
| **Length 3** | | | | |
| **Existing** | | | | |
| eee | 626 | 1743 | 843.84446 | 899.15553 |
| iii | 109 | 237 | 25.40327 | 211.59672 |
| sss | 1 | 1 | 6.44249 | -5.44249 |
| ooo | 5 *** | 5 *** | 272.02906 | -267.02906 |
| **Absent** | | | | |
| ccc | | | 88.40904 | |
| yyy | | | 86.35027 | |
| aaa | | | 47.95995 | |
| ddd | | | 35.08902 | |
| lll | | | 18.54650 | |
| ggg | | | 0.00005 | |
| **Length 4** | | | | |
| **Existing** | | | | |
| iiii | 1 | 1 | 0 | 0 |
| eeee | 40 | 55 | 0 | -54 |
| **Absent** | | | | |
| ssss | | | 0.16531 | |
| **Length 5** | | | | |
| **Absent** | | | | |
| eeeee | | | 12.00906 | |
| iiiii | | | 0.03498 | |

Table 7.4: Allowable Polygraphs Incorporating *q*

| Polygraph | Distinct Count | Document Count | Expected Count | Count Difference |
|---|---|---|---|---|
| Allowed as a Prefix | | | | |
| qo | 773 | 5292 | 569 | 4723 |
| qe | 48 | 63 | 830 | -767 |
| qc | 18 | 23 | 391 | -368 |
| qk | 16 | 20 | 241 | -221 |
| qa | 5 | 6 | 319 | -313 |
| qy | 4 | 4 | 388 | -384 |
| qf | 2 | 2 | 11 | -9 |
| qp | 2 | 2 | 36 | -34 |
| qs | 2 | 2 | 163 | -161 |
| qt | 2 | 2 | 153 | -151 |
| ql | 1 | 1 | 232 | -231 |
| Allowed in a Compound | | | | |
| oq | 21 | 23 | 569 | -546 |
| yq | 8 | 8 | 388 | -380 |
| lq | 2 | 2 | 232 | -230 |
| sq | 1 | 1 | 163 | -162 |
| rq | 1 | 1 | 166 | -165 |
| eq | 1 | 1 | 830 | -829 |

| Polygraph | Distinct Count | Document Count | Expected Count | Count Difference |
|---|---|---|---|---|
| Disallowed in Prefixes | | | | |
| qd | | | 287.89166 | |
| qi | | | 258.50475 | |
| qr | | | 166.34464 | |
| qn | | | 135.02325 | |
| qm | | | 24.12682 | |
| qg | | | 3.32558 | |
| qx | | | 0.93464 | |

Table 7.5: Allowable Polygraphs Incorporating *i* (Early in the Lifetime of Version #29)

| Polygraph | Distinct Count | Document Count | Expected Count | Count Difference |
|---|---|---|---|---|
| At the End of a Digraph | | | | |
| ai | 1328 | 6750 | 696 | 6054 |
| oi | 125 | 305 | 1242 | -937 |
| ri | 12 | 16 | 362 | -346 |
| ki | 8 | 10 | 526 | -516 |
| ei | 6 | 6 (one is asterisked) | 1812 | -1806 |
| di | 4 | 4 | 627 | -623 |
| ti | 3 | 3 | 333 | -330 |
| si | 2 | 2 | 356 | -354 |
| ni | 2 | 2 | 294 | -292 |
| li | 1 | 1 | 507 | -506 |
| pi | 1 | 1 | 80 | -79 |
| yi | 1 | 1 | 847 | -846 |
| Disallowed at the End of a Digraph | | | | |
| ci | | | 854.24115 | |
| qi | | | 258.50475 | |
| mi | | | 52.61097 | |
| fi | | | 25.31014 | |
| gi | | | 7.25178 | |
| xi | | | 2.03808 | |

| Polygraph | Distinct Count | Document Count | Expected Count | Count Difference |
|---|---|---|---|---|
| Beginning of a Digraph | | | | |
| in | 995 | 6057 | 294 | 5763 |
| ir | 304 | 793 | 362 | 431 |
| im | 43 | 67 | 52 | 15 |
| is | 42 | 61 | 356 | -295 |
| il | 39 | 45 | 507 | -462 |
| id | 14 | 21 | 627 | -606 |
| ik | 14 | 14 | 526 | -512 |
| ic | 11 | 11 | 854 | -843 |
| io | 9 | 9 | 1242 | -1233 |
| ip | 6 | 7 | 80 | -73 |
| it | 5 | 5 | 333 | -328 |
| ig | 4 | 4 | 7 | -3 |
| iy | 2 | 2 (one is asterisked) | 847 | -845 |
| if | 1 | 1 | 25 | -24 |
| ia | 1 | 1 | 696 | -695 |
| ie | 1 | 1 | 1812 | -1811 |

Table 7.6: Final Letters in Words Incorporating *i*-Sequences (Early in the Lifetime of Version #29)

| Ending Symbol | Distinct Count | Word Count | Distinct % | Document Count % |
|---|---|---|---|---|
| n | 904 | 5957 | 61.58 | 84.234 |
| r | 208 | 670 | 14.169 | 9.474 |
| y | 146 | 171 | 9.946 | 2.418 |
| m | 62 | 88 | 4.223 | 1.244 |
| l | 61 | 76 | 4.155 | 1.075 |
| s | 38 | 57 | 2.589 | 0.806 |
| o | 14 | 16 | 0.954 | 0.226 |
| d | 14 | 15 | 0.954 | 0.212 |
| g | 10 | 10 | 0.681 | 0.141 |
| i | 4 | 5 | 0.272 | 0.071 |
| e | 3 | 3 | 0.204 | 0.042 |
| p | 1 | 1 | 0.068 | 0.014 |
| a | 1 | 1 | 0.068 | 0.014 |
| t | 1 | 1 | 0.068 | 0.014 |
| x | 1 | 1 | 0.068 | 0.014 |

Table 7.7: Allowable Polygraphs Incorporating *c*

| Polygraph | Distinct Count | Document Count | Expected Count | Count Difference |
|---|---|---|---|---|
| At the End of a Digraph | | | | |
| kc | 458 | 1344 | 798 | 546 |
| tc | 417 | 1217 | 505 | 712 |
| ec | 430 | 1132 | 2746 | -1614 |
| lc | 428 | 1024 | 769 | 255 |
| pc | 387 | 848 | 121 | 727 |
| oc | 427 | 723 | 1882 | -1159 |
| dc | 222 | 525 | 951 | -426 |
| yc | 170 | 378 | 1284 | -906 |
| fc | 153 | 223 | 38 | 185 |
| rc | 130 | 179 | 549 | -370 |
| sc | 85 | 123 | 540 | -417 |
| ac | 54 | 61 | 1055 | -994 |
| qc | 18 | 23 | 391 | -368 |
| ic | 11 | 11 | 854 | -843 |
| mc | 7 | 7 | 79 | -72 |
| nc | 4 | 4 | 446 | -442 |

| Polygraph | Distinct Count | Document Count | Expected Count | Count Difference |
|---|---|---|---|---|
| At the Beginning of a Digraph | | | | |
| ce | 3183 | 11052 | 2746 | 8306 |
| cs | 1296 | 4611 | 540 | 4071 |
| ct | 280 | 996 | 505 | 491 |
| ck | 277 | 973 | 798 | 175 |
| cp | 128 | 232 | 121 | 111 |
| cf | 73 | 92 | 38 | 54 |
| cB | 21 | 21 | 2 | 19 |
| co | 10 | 10 | 1882 | -1872 |
| cy | 5 | 5 | 1284 | -1279 |
| cr | 1 | 2 | 549 | -547 |
| ca | 1 | 1 | 1055 | -1054 |
| Disallowed at the Beginnning of a Digraph | | | | |
| cd | | | 951.35155 | |
| ci | | | 854.24115 | |
| cl | | | 769.19772 | |
| cn | | | 446.19070 | |
| cq | | | 391.74567 | |
| cm | | | 79.72821 | |
| cg | | | 10.98956 | |
| cx | | | 3.08857 | |
| cj | | | 0.43096 | |

Table 7.8: Absent Polygraphs Explained by the Initial Ruleset[2]

| Rule # | Disqualified Polygraph Count | Expected Count | Disqualified Polygraph % | Expected Count % |
|---|---|---|---|---|
| 16 | 18927702 | 9790 | 21.916 | 8.786 |
| 12 | 9648283 | 9319 | 11.171 | 8.364 |
| 9 | 4115325 | 8305 | 4.765 | 7.454 |
| 8 | 16923700 | 8066 | 19.595 | 7.239 |
| 10 | 4114853 | 7904 | 4.764 | 7.094 |
| 17 | 6723135 | 5995 | 7.784 | 5.38 |
| 18 | 4113987 | 4845 | 4.763 | 4.348 |
| 5 | 4100699 | 4542 | 4.748 | 4.076 |
| 1 | 10892920 | 4477 | 12.613 | 4.018 |
| 13 | 6603821 | 3773 | 7.646 | 3.386 |
| 6 | 12162640 | 3067 | 14.083 | 2.753 |
| 28 | 1940520 | 2306 | 2.247 | 2.07 |
| 19 | 3867095 | 2175 | 4.478 | 1.952 |
| 24 | 10152688 | 1910 | 11.755 | 1.714 |
| 20 | 6695583 | 1750 | 7.753 | 1.571 |
| 11 | 4796005 | 1590 | 5.553 | 1.427 |
| 7 | 6677531 | 1480 | 7.732 | 1.328 |
| 23 | 3859316 | 1437 | 4.469 | 1.29 |
| 2 | 35697 | 923 | 0.041 | 0.828 |
| 15 | 3083953 | 514 | 3.571 | 0.461 |
| 29 | 3701176 | 491 | 4.285 | 0.441 |
| 27 | 969761 | 315 | 1.123 | 0.283 |
| 14 | 4547334 | 308 | 5.265 | 0.276 |
| 22 | 6927888 | 300 | 8.022 | 0.269 |
| 25 | 1934236 | 161 | 2.24 | 0.144 |
| 30 | 7151697 | 71 | 8.281 | 0.064 |
| 21 | 12527460 | 46 | 14.505 | 0.041 |
| 26 | 969761 | 43 | 1.123 | 0.039 |
| 4 | 644674 | 8 | 0.746 | 0.007 |
| 3 | 1956367 | 2 | 2.265 | 0.002 |
| **Total (with overlap)** | **3671611 of 86365758** | **91704 of 111424** | **4.251** | **82.302** |
| Subsequent Additions to the Ruleset | | | | |
| 33 | 43842 | 264 | 0.051 | 0.237 |
| 32 | 584 | 187 | 0.001 | 0.168 |
| 31 | 6 | 276 | 0 | 0.248 |
| **Revised Total (with overlap)** | **3671611 of 86365758** | **91704 of 111424** | **4.251** | **82.302** |

[2] The rightmost column is not additive because the percentages are assessed separately on overlapping subsets. The rule numbers do not match those listed in the technical report due to subsequent consolidation.

Table 7.9: Precluded Polygraphs Not Explained by the 1st 30 Rules[3]

| By Length | Remaining Precluded Polygraph Count | Expected Count Explained | Remaining Polygraph % | Expected Count Explained % |
|---|---|---|---|---|
| 3 | 5384 | 14984 | 0.006 | 13.448 |
| 4 | 183702 | 53070 | 0.213 | 47.629 |
| 5 | 3482525 | 23650 | 4.032 | 21.225 |

Table 7.10: Expected Counts of Consonant and Alternate Vowel Set Clusters in the Remaining Precluded Polygraphs

| Polygraph Length | Consonant Clusters | Vowel Clusters | Neither | Total | Revised Total after Rules #31-33 |
|---|---|---|---|---|---|
| 3 | 3594 | 4581 | 16005 | 24180 | 23952 |
| 4 | 101 | 1006 | 11665 | 12771 | 12677 |
| 5 | 182 | 666 | 10790 | 11637 | 11397 |

Table 7.11: Vowel Set Clusters among the Remaining Precluded Polygraphs at Length 3 (Using the Alternate [yoa | e | n] Set)

| Polygraph | Expected Count | Polygraph | Expected Count |
|---|---|---|---|
| **Including *y* or *n*** | | | |
| oye, yeo | 270.63282 | yen | 64.13256 |
| oyo, yoo, ooy | 185.56587 | aya | 58.34546 |
| yye | 184.61342 | ane | 52.71695 |
| aye, yae | 151.75219 | yon | 43.97402 |
| ene | 137.11286 | aon | 36.14664 |
| yyo, yoy, oyy | 126.58460 | yan | 24.65759 |
| ayo, yoa, oya, oay | 104.05252 | **Excluding *n* or *y*** | |
| one, oen | 94.01471 | eae | 324.44010 |
| yyy | 86.35027 | aeo, oae, eao | 222.46012 |
| yya, yay, ayy | 70.97990 | aoo | 152.53510 |
| oon | 64.46343 | aoa | 85.53114 |

Table 7.12: Polygraphs Doubling as Independent Words, By Length

| Length | Word/Polygraph Count | % of Polygraphs at this Level | % of Words at this Level |
|---|---|---|---|
| 2 | 76 | 26.667 | 95 |
| 3 | 221 | 16.692 | 90.574 |
| 4 | 482 | 14.151 | 73.813 |
| 5 | 770 | 13.473 | 60.109 |
| 6 | 726 | 11.397 | 41.203 |
| 7 | 403 | 8.515 | 22.376 |
| 8 | 147 | 5.776 | 11.741 |
| 9 | 28 | 2.652 | 4.154 |
| 10 | 9 | 2.439 | 3.061 |

Table 7.13: Truth Table for Compound, Affixed Word and Root Scores

| | Compound Score | Affixed Word Score | Root Score |
|---|---|---|---|
| Either affixed or a root | -1 | Not -1 | Not -1 |
| Either a compound or a root | Not -1 | -1 | Not -1 |
| Either affixed or a compound | Not -1 | Not -1 | -1 |
| Possibly Anything | Not -1 | Not -1 | Not -1 |
| Not necessarily a Compound – Don't change it to -1 | Not -1 | -1 | -1 |
| **Accounted for** | | | |
| The 22 single-letter words we're ignoring | -1 | -1 | -1 |
| Must be an Affix – Change it to -1 | -1 | Not -1 | -1 |
| Must be a Root – Change it to -1 | -1 | -1 | Not -1 |
| **Not Possible** | | | |
| | 1 | | Not -1 |
| | 1 | Not -1 | |
| | Not -1 | 1 | |
| | | 1 | Not -1 |
| | Not -1 | | 1 |
| | | Not -1 | 1 |
| | 1 | 1 | 0 |
| | 0 | 1 | 1 |
| | 1 | 1 | 1 |

[3] The rule numbers do not match those listed in the technical report due to subsequent consolidation.

Table 8.1: Top 20 Potential Prefixes and Suffixes Participating in Circumfix Candidates

| Rank | Prefix | Base Prefix Score | Base Circumfix Prefix Score | Suffix | Base Suffix Score | Base Circumfix Suffix Score |
|---|---|---|---|---|---|---|
| 1 | ce | 0.33490 | 1.00000 | dy | 0.90444 | 1.00000 |
| 2 | qo | 0.95860 | 0.43098 | ey | 0.89469 | 0.40479 |
| 3 | ot | 0.57901 | 0.11504 | iin | 0.91605 | 0.06665 |
| 4 | cse | 0.42657 | 0.05828 | edy | 0.93460 | 0.03906 |
| 5 | ok | 0.43195 | 0.05614 | ol | 0.30074 | 0.03647 |
| 6 | ol | 0.20364 | 0.04778 | in | 0.91356 | 0.02151 |
| 7 | cee | 0.33495 | 0.03353 | aiin | 0.93650 | 0.02050 |
| 8 | op | 0.62857 | 0.02451 | ar | 0.59054 | 0.01930 |
| 9 | cs | 0.42592 | 0.01152 | al | 0.38839 | 0.01828 |
| 10 | ceo | 0.39947 | 0.00904 | or | 0.54727 | 0.01289 |
| 11 | qok | 0.95330 | 0.00462 | eey | 0.91252 | 0.01122 |
| 12 | csee | 0.41580 | 0.00310 | ody | 0.94863 | 0.00314 |
| 13 | yk | 0.65384 | 0.00295 | cey | 0.85294 | 0.00280 |
| 14 | yt | 0.67281 | 0.00186 | ain | 0.91216 | 0.00275 |
| 15 | qot | 0.97005 | 0.00180 | am | 0.88345 | 0.00255 |
| 16 | or | 0.12916 | 0.00168 | eedy | 0.94186 | 0.00153 |
| 17 | oke | 0.44444 | 0.00161 | eol | 0.46892 | 0.00126 |
| 18 | po | 0.59217 | 0.00145 | ly | 0.94170 | 0.00103 |
| 19 | da | 0.20783 | 0.00139 | eo | 0.07978 | 0.00052 |
| 20 | of | 0.56666 | 0.00106 | ir | 0.59868 | 0.00040 |

Table 8.2: Top 20 Words Participating in Circumfix Candidates

| Rank | Polygraph | Adfix Root Score | Circumfix Root Score | Base Prefix | Base Suffix | Base Root |
|---|---|---|---|---|---|---|
| 1 | ce | -1 | 1 | 0.335 | 0.006 | 0.659 |
| 2 | ke | -1 | 0.920 | 0.082 | 0.005 | 0.913 |
| 3 | ka | -1 | 0.421 | 0.084 | 0.013 | 0.902 |
| 4 | cee | -1 | 0.355 | 0.335 | 0.002 | 0.663 |
| 5 | da | -1 | 0.350 | 0.208 | 0.026 | 0.767 |
| 6 | cs | -1 | 0.286 | 0.426 | 0.002 | 0.572 |
| 7 | te | -1 | 0.263 | 0.092 | 0.007 | 0.901 |
| 8 | eeo | -1 | 0.245 | 0.008 | 0.105 | 0.887 |
| 9 | od | 0.022 | 0.236 | 0.067 | 0.121 | 0.812 |
| 10 | ol | 0.086 | 0.212 | 0.204 | 0.301 | 0.496 |
| 11 | cse | -1 | 0.197 | 0.427 | 0.012 | 0.561 |
| 12 | ok | -1 | 0.187 | 0.432 | 0.007 | 0.561 |
| 13 | al | -1 | 0.145 | 0.093 | 0.388 | 0.518 |
| 14 | ek | -1 | 0.131 | 0.038 | 0.032 | 0.930 |
| 15 | oda | 0.002 | 0.115 | 0.063 | 0.041 | 0.897 |
| 16 | ot | -1 | 0.106 | 0.579 | 0.010 | 0.411 |
| 17 | tce | -1 | 0.089 | 0.260 | 0.013 | 0.727 |
| 18 | eol | -1 | 0.086 | -1 | 0.469 | 0.531 |
| 19 | lk | -1 | 0.085 | 0.272 | 0.008 | 0.719 |
| 20 | csee | -1 | 0.084 | 0.416 | 0.022 | 0.562 |

Table 8.3: Top 25 Prefix-Suffix Pairs Participating in Circumfix Candidates

| # | Prefix | Suffix | Circumfix Count | Circumfix Score | # | Prefix | Suffix | Circumfix Count | Circumfix Score |
|---|---|---|---|---|---|---|---|---|---|
| 1 | ce | dy | 52 | 1.000 | 14 | ce | or | 20 | 0.266 |
| 2 | qo | dy | 45 | 0.737 | 15 | ce | al | 20 | 0.263 |
| 3 | ce | ey | 33 | 0.675 | 16 | ceo | dy | 20 | 0.252 |
| 4 | ce | cey | 32 | 0.388 | 17 | qo | edy | 19 | 0.228 |
| 5 | dy | dy | 29 | 0.299 | 18 | cee | dy | 19 | 0.259 |
| 6 | ol | ol | 28 | 0.190 | 19 | ce | ar | 18 | 0.256 |
| 7 | ce | aiin | 25 | 0.345 | 20 | ot | ar | 18 | 0.163 |
| 8 | cse | dy | 25 | 0.369 | 21 | qo | ol | 18 | 0.194 |
| 9 | ce | ol | 23 | 0.312 | 22 | qo | ar | 16 | 0.182 |
| 10 | ot | dy | 23 | 0.326 | 23 | qo | or | 16 | 0.168 |
| 11 | ol | dy | 23 | 0.289 | 24 | op | dy | 16 | 0.185 |
| 12 | cee | ey | 22 | 0.325 | 25 | ol | ey | 16 | 0.222 |
| 13 | qo | aiin | 22 | 0.241 | | | | | |

Table 8.4: Top 20 Symbols and Polygraphs Participating in Interfix Candidates

| | Symbol | Base Interfix Score | Polygraph | Base Prefix Score | Base Suffix Score | Base Root Score | Base Interfix Score |
|---|---|---|---|---|---|---|---|
| 1 | e | 1 | ee | 0.010 | 0.008 | 0.982 | 1.000 |
| 2 | o | 0.23424 | ce | 0.335 | 0.006 | 0.659 | 0.434 |
| 3 | c | 0.07473 | eo | 0.002 | 0.080 | 0.918 | 0.323 |
| 4 | k | 0.05079 | ol | 0.204 | 0.301 | 0.496 | 0.026 |
| 5 | l | 0.04690 | ke | 0.082 | 0.005 | 0.913 | 0.023 |
| 6 | d | 0.04085 | ed | -1.000 | 0.106 | 0.894 | 0.020 |
| 7 | a | 0.01538 | cee | 0.335 | 0.002 | 0.663 | 0.019 |
| 8 | t | 0.00916 | al | 0.093 | 0.388 | 0.518 | 0.011 |
| 9 | r | 0.00187 | cs | 0.426 | 0.002 | 0.572 | 0.010 |
| 10 | y | 0.00054 | od | 0.067 | 0.121 | 0.812 | 0.008 |
| 11 | p | 0.00051 | cse | 0.427 | 0.012 | 0.561 | 0.006 |
| 12 | s | 0.00024 | eeo | 0.008 | 0.105 | 0.887 | 0.004 |
| 13 | f | 0.00007 | ok | 0.432 | 0.007 | 0.561 | 0.003 |
| 14 | i | 0.00003 | kee | 0.094 | 0.002 | 0.904 | 0.002 |
| 15 | m | 0.00000 | ek | 0.038 | 0.032 | 0.930 | 0.002 |
| 16 | q | 0.00000 | eod | -1.000 | 0.123 | 0.877 | 0.001 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 17 | x | 0.00000 | te | 0.092 | 0.007 | 0.901 | 0.001 |
| 18 | n | 0.00000 | eee | 0.024 | 0.013 | 0.963 | 0.001 |
| 19 | g | 0.00000 | lk | 0.272 | 0.008 | 0.719 | 0.001 |
| 20 | | | oe | 0.308 | 0.009 | 0.684 | 0.001 |

Table 8.5: Top 50 Root Words Participating in Interfix Candidates

| Rank | Word | Adfix Root Score | Circumfix Root Score | Compound Root Score | Interfix Root Score | Rank | Word | Adfix Root Score | Circumfix Root Score | Compound Root Score | Interfix Root Score |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | dy | 0.258 | 0.027 | 0.336 | 1.000 | 26 | yk | -1 | 0.037 | 0.047 | 0.070 |
| 2 | qo | -1 | 0.002 | 0.466 | 0.829 | 27 | op | -1 | 0.026 | 0.034 | 0.064 |
| 3 | ey | -1 | 0.042 | 0.219 | 0.774 | 28 | oke | 0.012 | 0.050 | 0.073 | 0.063 |
| 4 | ce | -1 | 1 | 0.396 | 0.770 | 29 | ly | 0.019 | 0.004 | 0.030 | 0.058 |
| 5 | cs | -1 | 0.286 | 0.169 | 0.567 | 30 | ky | -1 | 0.003 | 0.063 | 0.058 |
| 6 | ol | 0.086 | 0.212 | 0.298 | 0.379 | 31 | am | -1 | 0.003 | 0.052 | 0.057 |
| 7 | cse | -1 | 0.197 | 0.206 | 0.366 | 32 | ote | 0.009 | 0.018 | 0.066 | 0.056 |
| 8 | ot | -1 | 0.106 | 0.185 | 0.250 | 33 | da | -1 | 0.350 | 0.092 | 0.053 |
| 9 | ok | -1 | 0.187 | 0.198 | 0.238 | 34 | tey | 0.014 | 0.001 | 0.013 | 0.052 |
| 10 | eey | -1 | 0.012 | 0.165 | 0.235 | 35 | daiin | 0.029 | 0.000 | 0.043 | 0.044 |
| 11 | qok | -1 | 0.001 | 0.251 | 0.228 | 36 | cseo | 0.013 | 0.008 | 0.061 | 0.043 |
| 12 | aiin | -1 | 0.002 | 0.280 | 0.192 | 37 | lk | -1 | 0.085 | 0.035 | 0.042 |
| 13 | ar | -1 | 0.080 | 0.195 | 0.179 | 38 | dal | 0.021 | 0.012 | 0.035 | 0.041 |
| 14 | eedy | -1 | 0.003 | 0.136 | 0.176 | 39 | es | -1 | 0.037 | 0.016 | 0.040 |
| 15 | cee | -1 | 0.355 | 0.239 | 0.173 | 40 | dar | 0.038 | 0.008 | 0.032 | 0.039 |
| 16 | al | -1 | 0.145 | 0.171 | 0.165 | 41 | os | 0.019 | 0.025 | 0.025 | 0.039 |
| 17 | or | 0.074 | 0.059 | 0.150 | 0.157 | 42 | so | 0.024 | 0.010 | 0.029 | 0.033 |
| 18 | ceo | 0.028 | 0.057 | 0.153 | 0.124 | 43 | ke | -1 | 0.920 | 0.024 | 0.033 |
| 19 | ain | -1 | 0.001 | 0.131 | 0.115 | 44 | ckey | -1 | 0.001 | 0.038 | 0.032 |
| 20 | ody | 0.050 | 0.004 | 0.064 | 0.108 | 45 | ceeo | 0.007 | 0.020 | 0.063 | 0.031 |
| 21 | csee | -1 | 0.084 | 0.161 | 0.095 | 46 | olk | 0.003 | 0.034 | 0.031 | 0.031 |
| 22 | cey | 0.065 | 0.003 | 0.056 | 0.094 | 47 | keey | 0.005 | 0.000 | 0.069 | 0.030 |
| 23 | qot | -1 | -1 | 0.091 | 0.088 | 48 | od | 0.022 | 0.236 | 0.034 | 0.028 |
| 24 | key | 0.016 | 0.000 | 0.026 | 0.085 | 49 | ceey | 0.015 | 0.000 | 0.040 | 0.028 |
| 25 | eol | -1 | 0.086 | 0.079 | 0.083 | 50 | ceedy | 0.009 | 0.000 | 0.054 | 0.027 |

Table 8.6: All 114 Duplifix Candidates in Version #29

| Duplifixed Word | Polygraph | Root Word | Duplifix Score | Duplifixed Word | Polygraph | Root Word | Duplifix Score | Duplifixed Word | Polygraph | Root Word | Duplifix Score |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Full Duplifixes | | | | Prefixes Only (Continued) | | | | Prefixes Only (Continued) | | | |
| amam | am | am | 0.21330 | csecsedar | cse | csedar | 0.49954 | oeoey | oe | oey | 0.12670 |
| arar | ar | ar | 0.46581 | csecsees | cse | csees | 0.49954 | okeokear | oke | okear | 0.14494 |
| alal | al | al | 0.35916 | csecsey | cse | csey | 0.49954 | okokceal | ok | okceal | 0.38103 |
| daldal | dal | dal | 0.11668 | dadam | da | dam | 0.20692 | okokcseeo | ok | okcseeo | 0.38103 |
| dd | d | d | 0.00091 | daldalol | dal | dalol | 0.05925 | okokom | ok | okom | 0.38103 |
| dydy | dy | dy | 1.00000 | dda | d | da | 0.00091 | ololal | ol | olal | 0.27438 |
| dydydy | dy | dydy | 1.00000 | ddal | d | dal | 0.00091 | ololceey | ol | olceey | 0.27438 |
| kalkal | kal | kal | 0.03463 | ddaro | d | daro | 0.00091 | ololdal | ol | oldal | 0.27438 |
| olol | ol | ol | 0.40565 | ddl | d | dl | 0.00091 | ololdy | ol | oldy | 0.27438 |
| oror | or | or | 0.37374 | ddor | d | dor | 0.00091 | olols | ol | ols | 0.27438 |
| osos | os | os | 0.13764 | ddy | d | dy | 0.00091 | ololy | ol | oly | 0.27438 |
| eses | es | es | 0.16681 | eear | e | ear | 0.00091 | ooar | o | oar | 0.00091 |
| eeoseeos | eeos | eeos | 0.05104 | eeedy | e | eedy | 0.00182 | ooceockey | o | oceockey | 0.00182 |
| ss | s | s | 0.00091 | eeeey | e | eeey | 0.00273 | ooeeor | o | oeeor | 0.00182 |
| yy | y | y | 0.00091 | eeeey | ee | eey | 0.03190 | ooiin | o | oiin | 0.00091 |
| Prefixes Only | | | | eeeodaiin | e | eeodaiin | 0.00182 | ookam | o | okam | 0.00091 |
| alaldy | al | aldy | 0.08568 | eeeody | e | eeody | 0.00182 | oolals | o | olals | 0.00091 |
| alalor | al | alor | 0.08568 | eees | e | ees | 0.00182 | oor | o | or | 0.00091 |
| araral | ar | aral | 0.05378 | eeey | e | eey | 0.00182 | orory | or | ory | 0.08751 |
| araram | ar | aram | 0.05378 | eeol | e | eol | 0.00091 | osos | os | os | 0.02005 |
| arary | ar | ary | 0.05378 | eeoseeos | eeos | eeos | 0.00000 | oteoteedy | ote | oteedy | 0.14494 |
| cbecbeey | cbe | cbeey | 0.00911 | ees | e | es | 0.00091 | oteotey | ote | otey | 0.14494 |
| ~~ccey~~ | ~~c~~ | ~~ccey~~ | ~~0.00091~~ | eey | e | ey | 0.00091 | otota | ot | ota | 0.43664 |
| ~~cckeey~~ | ~~c~~ | ~~ckeey~~ | ~~0.00182~~ | llaiin | l | laiin | 0.00091 | ototar | ot | otar | 0.43664 |
| ~~cckeeor~~ | ~~c~~ | ~~ckeeor~~ | ~~0.00091~~ | llceey | l | lceey | 0.00091 | ototy | ot | oty | 0.43664 |
| ~~ccee~~ | ~~c~~ | ~~ccee~~ | ~~0.00091~~ | llces | l | lces | 0.00091 | qoqokeey | qo | qokeey | 0.67456 |
| cecedy | ce | cedy | 0.97082 | lldar | l | ldar | 0.00091 | raraiiin | ra | raiiin | 0.03372 |
| ceceeey | ce | ceeey | 0.97082 | lldy | l | ldy | 0.00091 | raraiin | ra | raiin | 0.03372 |
| ceceeky | ce | ceeky | 0.97082 | llm | l | lm | 0.00091 | raral | ra | ral | 0.03372 |
| ceceetal | ce | ceetal | 0.97082 | llo | l | lo | 0.00091 | raraldy | ra | raldy | 0.03372 |
| ceceky | ce | ceky | 0.97082 | llod | l | lod | 0.00091 | raram | ra | ram | 0.03372 |
| ceceoty | ce | ceoty | 0.97082 | llor | l | lor | 0.00091 | rorol | ro | rol | 0.03281 |
| ceces | ce | ces | 0.97082 | llory | l | lory | 0.00091 | tceotceol | tceo | tceol | 0.02734 |
| cecety | ce | cety | 0.97082 | llory | l | lory | 0.00091 | tceotceor | tceo | tceor | 0.02734 |
| cecey | ce | cey | 0.97082 | llsan | l | lsan | 0.00091 | tcetceo | tce | tceo | 0.07383 |
| cedcedy | ced | cedy | 0.03190 | lolol | lo | lol | 0.05651 | totol | to | tol | 0.08659 |
| ceeceey | cee | ceey | 0.37556 | lolom | lo | lom | 0.05651 | ykeeykeey | ykee | ykeey | 0.03372 |
| ceoceor | ceo | ceor | 0.27438 | lolor | lo | lor | 0.05651 | ykyka | yk | yka | 0.16955 |
| ceorceor | ceor | ceor | 0.01640 | odody | od | ody | 0.05287 | ykykaiin | yk | ykaiin | 0.16955 |

Table 8.7: The 7 Symbols and 35 Polygraphs that Duplifixes Can Be Created From

| Symbol | Polygraph or Symbol Count | Base Prefix Score | Base Suffix Score | Base Root Score | Base Duplifix Score | Duplifix Appearances |
|---|---|---|---|---|---|---|
| e | 38231 | | | | 1.04785 | 11 |
| l | 10709 | | | | 0.60665 | 11 |
| o | 26214 | | | | 0.20100 | 7 |
| d | 13245 | | | | 0.23336 | 7 |
| c | 18023 | | | | 0.03646 | 4 |
| y | 17882 | | | | 0.00364 | 1 |
| s | 7528 | | | | 0.00364 | 1 |
| **Polygraphs** | | | | | | |
| ce | 3183 | 0.33490 | 0.00565 | 0.65944 | 1.00103 | 9 |
| ol | 1483 | 0.20364 | 0.30074 | 0.49561 | 0.21058 | 7 |
| ra | 339 | 0.11209 | 0.00884 | 0.87905 | 0.00596 | 5 |
| ar | 867 | 0.06920 | 0.59054 | 0.34025 | 0.02407 | 4 |
| cse | 1287 | 0.42657 | 0.01243 | 0.56099 | 0.01907 | 3 |
| al | 1017 | 0.09341 | 0.38839 | 0.51819 | 0.01394 | 3 |
| ok | 970 | 0.43195 | 0.00721 | 0.56082 | 0.01455 | 3 |
| ot | 829 | 0.57901 | 0.00965 | 0.41133 | 0.01667 | 3 |
| lo | 318 | 0.19811 | 0.07232 | 0.72955 | 0.00215 | 3 |
| dy | 1214 | 0.04200 | 0.90444 | 0.05354 | 0.04732 | 2 |
| or | 751 | 0.12916 | 0.54727 | 0.32356 | 0.00698 | 2 |
| yk | 286 | 0.65384 | 0.00699 | 0.33916 | 0.00191 | 2 |
| ote | 260 | 0.61538 | -1 | 0.38461 | 0.00164 | 2 |
| dal | 255 | 0.25882 | 0.50588 | 0.23529 | 0.00299 | 2 |
| tceo | 90 | 0.34444 | 0.08888 | 0.56666 | 0.00030 | 2 |
| ee | 3615 | 0.00995 | 0.00802 | 0.98201 | 0.00004 | 1 |
| cee | 1233 | 0.33495 | 0.00162 | 0.66342 | 0.00053 | 1 |
| da | 1097 | 0.20783 | 0.02552 | 0.76663 | 0.00029 | 1 |
| od | 883 | 0.06681 | 0.12117 | 0.81200 | 0.00007 | 1 |
| qo | 773 | 0.95860 | 0.00517 | 0.03622 | 0.00095 | 1 |
| ceo | 756 | 0.39947 | 0.05687 | 0.54365 | 0.00038 | 1 |
| oe | 455 | 0.30769 | 0.00879 | 0.68351 | 0.00017 | 1 |
| oke | 360 | 0.44444 | -1 | 0.55555 | 0.00020 | 1 |
| es | 345 | 0.00869 | 0.53333 | 0.45797 | 0.00095 | 1 |
| to | 336 | 0.28571 | 0.02678 | 0.68750 | 0.00012 | 1 |
| tce | 315 | 0.26031 | 0.01269 | 0.72698 | 0.00010 | 1 |
| am | 266 | 0.04135 | 0.88345 | 0.07518 | 0.00125 | 1 |
| ro | 254 | 0.14566 | 0.07086 | 0.78346 | 0.00004 | 1 |
| os | 249 | 0.09236 | 0.61044 | 0.29718 | 0.00089 | 1 |
| ced | 245 | 0.14693 | 0.09387 | 0.75918 | 0.00004 | 1 |
| kal | 131 | 0.06870 | 0.29770 | 0.63358 | 0.00023 | 1 |
| ceor | 103 | 0.18446 | 0.63106 | 0.18446 | 0.00042 | 1 |
| eeos | 70 | 0.01428 | 0.81428 | 0.17142 | 0.00028 | 1 |
| ykee | 54 | 0.70370 | -1 | 0.29629 | 0.00004 | 1 |
| cbe | 21 | 0.52380 | 0.04761 | 0.42857 | 0.00001 | 1 |

Table 8.8: Top 20 Simulfix Scores for Symbols and Polygraphs

| Rank | Symbol | Simulfix Score | Polygraph | Positive Simulfix Score | Polygraph | Negative Simulfix Score |
|---|---|---|---|---|---|---|
| 1 | d | 0.00839 | ee | 0.00556 | dy | -0.02405 |
| 2 | k | 0.00826 | ce | 0.00425 | ain | -0.00582 |
| 3 | a | 0.00627 | ke | 0.00398 | ody | -0.00411 |
| 4 | c | 0.00623 | ed | 0.00395 | qot | -0.00408 |
| 5 | e | 0.00576 | eo | 0.00299 | dar | -0.00184 |
| 6 | o | 0.00295 | see | 0.00255 | so | -0.00154 |
| 7 | l | 0.00198 | ek | 0.00246 | ry | -0.00103 |
| 8 | t | 0.00184 | od | 0.00204 | ldy | -0.00091 |
| 9 | p | 0.00137 | tce | 0.00198 | aly | -0.00090 |
| 10 | s | 0.00125 | eod | 0.00195 | om | -0.00064 |
| 11 | i | 0.00121 | se | 0.00185 | dcs | -0.00061 |
| 12 | f | 0.00110 | te | 0.00181 | qop | -0.00058 |
| 13 | r | 0.00043 | tee | 0.00179 | oly | -0.00056 |
| 14 | g | 0.00004 | pce | 0.00177 | iir | -0.00054 |
| 15 | q | 0.00002 | da | 0.00176 | qoc | -0.00051 |
| 16 | y | 0.00001 | ok | 0.00173 | oy | -0.00051 |
| 17 | n | 0.00000 | kee | 0.00168 | tor | -0.00046 |
| 18 | m | -0.00556 | ka | 0.00157 | lor | -0.00045 |
| 19 | | | ck | 0.00152 | sc | -0.00044 |
| 20 | | | al | 0.00147 | an | -0.00043 |

Table 8.9: Top 50 Simulfix Substitution Pairs

| | Symbol or Polygraph #1 | Symbol or Polygraph #2 | Pair Count | Raw Simulfix Score | Simulfix Score #1 | Simulfix Score #2 | | Symbol or Polygraph #1 | Symbol or Polygraph #2 | Pair Count | Raw Simulfix Score | Simulfix Score #1 | Simulfix Score #2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | te | k | 108 | 0.00055 | 0.01680 | 0.00473 | 26 | eee | ed | 42 | 0.01428 | 0.43227 | 0.00183 |
| 2 | eod | ee | 104 | 0.02681 | 0.81119 | 0.00455 | 27 | eol | ee | 42 | 0.02813 | 0.85129 | 0.00183 |
| 3 | eo | a | 84 | 0.00201 | 0.06101 | 0.00367 | 28 | see | ed | 42 | 0.01592 | 0.48182 | 0.00183 |
| 4 | tc | k | 72 | 0.00024 | 0.00736 | 0.00315 | 29 | ke | c | 41 | 0.00158 | 0.04781 | 0.00179 |
| 5 | see | eo | 72 | 0.01845 | 0.55832 | 0.00315 | 30 | te | d | 39 | 0.00066 | 0.02003 | 0.00170 |
| 6 | pc | k | 65 | 0.00016 | 0.00513 | 0.00284 | 31 | te | p | 36 | 0.00008 | 0.00256 | 0.00157 |
| 7 | se | o | 64 | 0.00220 | 0.06683 | 0.00280 | 32 | kee | d | 36 | 0.00057 | 0.01734 | 0.00157 |
| 8 | tce | ke | 64 | 0.01059 | 0.32045 | 0.00280 | 33 | od | k | 35 | 0.00047 | 0.01434 | 0.00153 |
| 9 | tee | ke | 61 | 0.01050 | 0.31790 | 0.00267 | 34 | eeo | a | 35 | 0.00064 | 0.01959 | 0.00153 |
| 10 | pce | ke | 59 | 0.01013 | 0.30665 | 0.00258 | 35 | eok | ee | 34 | 0.02486 | 0.75213 | 0.00148 |
| 11 | ee | d | 58 | 0.00319 | 0.09674 | 0.00254 | 36 | ee | c | 34 | 0.00435 | 0.13163 | 0.00148 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 | ke | d | 58 | 0.00116 | 0.03513 | 0.00254 | 37 | ek | d | 33 | 0.00017 | 0.00522 | 0.00144 |
| 13 | tce | k | 55 | 0.00020 | 0.00621 | 0.00240 | 38 | eok | ed | 33 | 0.01193 | 0.36109 | 0.00144 |
| 14 | se | d | 53 | 0.00111 | 0.03376 | 0.00232 | 39 | eee | ce | 33 | 0.02297 | 0.69519 | 0.00144 |
| 15 | ed | c | 52 | 0.00201 | 0.06098 | 0.00227 | 40 | seo | ee | 33 | 0.02589 | 0.78359 | 0.00144 |
| 16 | pce | k | 52 | 0.00015 | 0.00467 | 0.00227 | 41 | oke | k | 33 | 0.00050 | 0.01533 | 0.00144 |
| 17 | od | c | 51 | 0.00076 | 0.02326 | 0.00223 | 42 | tee | k | 32 | 0.00019 | 0.00593 | 0.00140 |
| 18 | ceo | a | 51 | 0.00069 | 0.02098 | 0.00223 | 43 | lk | d | 32 | 0.00026 | 0.00787 | 0.00140 |
| 19 | eed | ce | 50 | 0.02686 | 0.81276 | 0.00218 | 44 | kce | d | 32 | 0.00026 | 0.00807 | 0.00140 |
| 20 | eod | ce | 49 | 0.02257 | 0.68307 | 0.00214 | 45 | kce | ee | 31 | 0.02609 | 0.78945 | 0.00135 |
| 21 | eeo | ea | 46 | 0.00658 | 0.19934 | 0.00201 | 46 | lc | k | 31 | 0.00020 | 0.00619 | 0.00135 |
| 22 | kee | ce | 45 | 0.02416 | 0.73110 | 0.00197 | 47 | tce | ee | 31 | 0.02592 | 0.78440 | 0.00135 |
| 23 | se | k | 43 | 0.00093 | 0.02832 | 0.00188 | 48 | oke | ek | 31 | 0.00585 | 0.17701 | 0.00135 |
| 24 | ot | k | 42 | 0.00079 | 0.02396 | 0.00183 | 49 | se | p | 30 | 0.00014 | 0.00432 | 0.00131 |
| 25 | ok | d | 42 | 0.00148 | 0.04494 | 0.00183 | 50 | lce | ke | 29 | 0.01004 | 0.30388 | 0.00127 |

Table 8.10 Top 35 Transfix Base Patterns

| Rank | Pattern | Polygraph | Length | Consonant Cluster | Vowel Cluster | Pattern Count | Rank | Pattern | Polygraph | Length | Consonant Cluster | Vowel Cluster | Pattern Count |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | _o_e_y_ | oey | 3 | 0 | 1 | 989 | 19 | _o_c_e_ | oce | 3 | 0 | 0 | 77 |
| 2 | _c_e_y_ | cey | 3 | 0 | 0 | 707 | 20 | _o_a_in_ | oain | 4 | 0 | 0 | 76 |
| 3 | _qo_e_y_ | qoey | 4 | 0 | 0 | 217 | 21 | _c_e_l_ | cel | 3 | 0 | 0 | 74 |
| 4 | _o_c_y_ | ocy | 3 | 0 | 0 | 184 | 22 | _p_e_y_ | pey | 3 | 0 | 0 | 69 |
| 5 | _l_e_y_ | ley | 3 | 0 | 0 | 175 | 23 | _o_ai_n_ | oain | 4 | 0 | 0 | 67 |
| 6 | _q_e_y_ | qey | 3 | 0 | 0 | 174 | 24 | _q_k_y_ | qky | 3 | 0 | 0 | 66 |
| 7 | _o_e_d_ | oed | 3 | 0 | 0 | 172 | 25 | _e_o_y_ | eoy | 3 | 0 | 1 | 64 |
| 8 | _o_a_n_ | oan | 3 | 0 | 1 | 160 | 26 | _c_e_e_ | cee | 3 | 0 | 0 | 61 |
| 9 | _k_e_y_ | key | 3 | 0 | 0 | 143 | 27 | _e_a_n_ | ean | 3 | 0 | 1 | 61 |
| 10 | _o_ee_y_ | oeey | 4 | 0 | 1 | 140 | 28 | _o_ce_y_ | ocey | 4 | 0 | 0 | 59 |
| 11 | _o_e_dy_ | oedy | 4 | 0 | 0 | 124 | 29 | _o_c_dy_ | ocdy | 4 | 0 | 0 | 59 |
| 12 | _c_e_d_ | ced | 3 | 0 | 0 | 119 | 30 | _t_e_y_ | tey | 3 | 0 | 0 | 58 |
| 13 | _c_o_y_ | coy | 3 | 0 | 0 | 108 | 31 | _c_e_dy_ | cedy | 4 | 0 | 0 | 55 |
| 14 | _e_e_y_ | eey | 3 | 0 | 1 | 85 | 32 | _q_e_d_ | qed | 3 | 0 | 0 | 43 |
| 15 | _o_i_n_ | oin | 3 | 0 | 0 | 84 | 33 | _l_e_d_ | led | 3 | 0 | 0 | 42 |
| 16 | _o_c_d_ | ocd | 3 | 0 | 0 | 82 | 34 | _c_e_r_ | cer | 3 | 0 | 0 | 41 |
| 17 | _c_ee_y_ | ceey | 4 | 0 | 0 | 77 | 35 | _qo_e_d_ | qoed | 4 | 0 | 0 | 40 |
| 18 | _c_e_o_ | ceo | 3 | 0 | 0 | 77 | | | | | | | |

Table 8.11 Top 35 Transfix Substitution Patterns

| Rank | Pattern | Polygraph | Length | Consonant Cluster | Vowel Cluster | Pattern Count | Rank | Pattern | Polygraph | Length | Consonant Cluster | Vowel Cluster | Pattern Count |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | _k_e_ | ke | 2 | 0 | 0 | 635 | 19 | _s_o_ | so | 2 | 0 | 0 | 111 |
| 2 | _e_d_ | ed | 2 | 0 | 0 | 456 | 20 | _ok_e_ | oke | 3 | 0 | 0 | 108 |
| 3 | _s_e_ | se | 2 | 0 | 0 | 339 | 21 | _se_d_ | sed | 3 | 0 | 0 | 108 |
| 4 | _c_e_ | ce | 2 | 0 | 0 | 338 | 22 | _e_k_ | ek | 2 | 0 | 0 | 100 |
| 5 | _t_e_ | te | 2 | 0 | 0 | 326 | 23 | _k_ee_ | kee | 3 | 0 | 0 | 99 |
| 6 | _k_d_ | kd | 2 | 1 | 0 | 299 | 24 | _p_e_ | pe | 2 | 0 | 0 | 96 |
| 7 | _k_ed_ | ked | 3 | 0 | 0 | 282 | 25 | _d_i_ | di | 2 | 1 | 0 | 96 |
| 8 | _t_d_ | td | 2 | 1 | 0 | 208 | 26 | _o_ee_ | oee | 3 | 0 | 1 | 94 |
| 9 | _c_ed_ | ced | 3 | 0 | 0 | 194 | 27 | _s_ee_ | see | 3 | 0 | 0 | 94 |
| 10 | _s_ed_ | sed | 3 | 0 | 0 | 178 | 28 | _c_ee_ | cee | 3 | 0 | 0 | 92 |
| 11 | _ke_d_ | ked | 3 | 0 | 0 | 162 | 29 | _kc_e_ | kce | 3 | 0 | 0 | 87 |
| 12 | _o_e_ | oe | 2 | 0 | 1 | 154 | 30 | _k_o_ | ko | 2 | 0 | 0 | 85 |
| 13 | _c_d_ | cd | 2 | 1 | 0 | 151 | 31 | _s_eo_ | seo | 3 | 0 | 0 | 83 |
| 14 | _e_e_ | ee | 2 | 0 | 1 | 147 | 32 | _te_d_ | ted | 3 | 0 | 0 | 82 |
| 15 | _t_ed_ | ted | 3 | 0 | 0 | 139 | 33 | _kc_d_ | kcd | 3 | 1 | 0 | 80 |
| 16 | _k_i_ | ki | 2 | 1 | 0 | 127 | 34 | _tc_e_ | tce | 3 | 0 | 0 | 79 |
| 17 | _s_d_ | sd | 2 | 1 | 0 | 124 | 35 | _o_c_ | oc | 2 | 0 | 0 | 78 |
| 18 | _ce_d_ | ced | 3 | 0 | 0 | 120 | | | | | | | |

Table 8.12 Unused Base and Substitution Patterns

| Polygraph Length | Pattern Length | At Least 1 Match | Unmatched | % Matched |
|---|---|---|---|---|
| 2 | 5 | 391 | 69 | 85 |
| 3 | 6 | 4989 | 13571 | 26.88 |
| 3 | 7 | 3960 | 5320 | 42.672 |
| 4 | 7 | 21698 | 561787 | 3.719 |
| 4 | 8 | 39364 | 544121 | 6.746 |
| 4 | 9 | 22046 | 172449 | 11.335 |
| Total | | 92448 | 1297317 | 7.126 |

Table 8.13: Top 25 Symbols and Polygraphs Participating in Disfix-Infix Candidates

| Rank | Glyph | Disfix-Infix Score | Polygraph | Base Root Score | Base Circumfix Suffix Score | Base Interfix Score | Base Duplifix Score | Disfix-Infix Score |
|---|---|---|---|---|---|---|---|---|
| 1 | e | 0.00580 | se | 0.972 | -1 | 0.00000 | -1 | 0.00153 |
| 2 | s | 0.00498 | ee | 0.982 | 0.00000 | 1 | 0.00004 | 0.00087 |
| 3 | o | 0.00382 | ke | 0.913 | 0.00000 | 0.02269 | -1 | 0.00085 |
| 4 | k | 0.00361 | ol | 0.496 | 0.03647 | 0.02573 | 0.21058 | 0.00081 |
| 5 | t | 0.00322 | te | 0.901 | -1 | 0.00127 | -1 | 0.00070 |
| 6 | l | 0.00217 | eo | 0.918 | 0.00052 | 0.32285 | -1 | 0.00062 |
| 7 | p | 0.00158 | od | 0.812 | 0.00011 | 0.00774 | 0.00007 | 0.00061 |
| 8 | d | 0.00149 | ok | 0.561 | -1 | 0.00261 | 0.01455 | 0.00057 |
| 9 | f | 0.00075 | ot | 0.411 | 0.00000 | 0.00076 | 0.01667 | 0.00052 |
| 10 | r | 0.00063 | see | 0.959 | -1 | 0.00000 | -1 | 0.00047 |
| 11 | y | 0.00028 | to | 0.688 | 0.00000 | 0.00008 | 0.00012 | 0.00046 |
| 12 | a | 0.00011 | ed | 0.894 | 0.00026 | 0.01966 | -1 | 0.00046 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 13 | x | 0.00006 | kee | 0.904 | -1 | 0.00194 | -1 | 0.00045 |
| 14 | i | 0.00004 | or | 0.324 | 0.01289 | 0.00057 | 0.00698 | 0.00041 |
| 15 | q | 0.00003 | ta | 0.851 | -1 | 0.00001 | -1 | 0.00039 |
| 16 | c | 0.00003 | pce | 0.691 | -1 | 0.00015 | -1 | 0.00036 |
| 17 | g | 0.00002 | ce | 0.659 | -1 | 0.43436 | 1.00103 | 0.00035 |
| 18 | m | 0.00001 | tce | 0.727 | -1 | 0.00021 | 0.00010 | 0.00033 |
| 19 | n | 0.00001 | ek | 0.930 | 0.00000 | 0.00193 | -1 | 0.00033 |
| 20 | j | 0.00001 | kc | -1 | -1 | 0.00047 | -1 | 0.00033 |
| 21 | | | pc | -1 | -1 | 0.00017 | -1 | 0.00032 |
| 22 | | | eod | 0.877 | 0.00000 | 0.00144 | -1 | 0.00031 |
| 23 | | | lk | 0.719 | 0.00000 | 0.00124 | -1 | 0.00030 |
| 24 | | | oe | 0.684 | 0.00000 | 0.00102 | 0.00017 | 0.00030 |
| 25 | | | tc | -1000 | -1 | 0.00017 | -1 | 0.00029 |

Table 8.14: Dominance of e- and i-Sequences among the Highest Disfix Scores

| Rank | Word | Disfix Score | Rank | Word | Disfix Score | Rank | Word | Disfix Score | Rank | Word | Disfix Score |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | cseedy | 1 | 45 | cseefeedy | 0.36700 | 89 | ckeey | 0.28362 | 133 | daiiniin | 0.22392 |
| 2 | cseeedy | 0.93904 | 46 | ol | 0.36177 | 90 | ataiin | 0.28312 | 134 | cseseor | 0.22317 |
| 3 | qokeedy | 0.92216 | 47 | cteeey | 0.35617 | 91 | akaiin | 0.28312 | 135 | cseokeey | 0.21385 |
| 4 | daiin | 0.91268 | 48 | cseoeey | 0.35591 | 92 | ceeekedy | 0.28211 | 136 | otar | 0.21385 |
| 5 | ceey | 0.86340 | 49 | ckeeey | 0.35314 | 93 | cseekedy | 0.27556 | 137 | cseeor | 0.21057 |
| 6 | ceeedy | 0.71939 | 50 | qokedy | 0.35314 | 94 | dairin | 0.27204 | 138 | ckeol | 0.20957 |
| 7 | dalaiin | 0.70931 | 51 | okaiin | 0.34659 | 95 | cseeeey | 0.27153 | 139 | qokalaiin | 0.20906 |
| 8 | daraiin | 0.70831 | 52 | oteedy | 0.34609 | 96 | daisin | 0.27103 | 140 | ceeody | 0.20755 |
| 9 | dasaiin | 0.70730 | 53 | cteedy | 0.34559 | 97 | dariin | 0.27103 | 141 | olkaiin | 0.20654 |
| 10 | daldaiin | 0.65591 | 54 | ceoteol | 0.34458 | 98 | ceokedy | 0.26775 | 142 | cpeol | 0.20604 |
| 11 | cseeey | 0.55717 | 55 | cepceol | 0.34130 | 99 | ceetcedy | 0.26750 | 143 | cfeol | 0.20151 |
| 12 | qokeey | 0.54659 | 56 | cetceol | 0.34130 | 100 | ceepcedy | 0.26750 | 144 | cseykeey | 0.20075 |
| 13 | ceekeedy | 0.54256 | 57 | cpeeey | 0.33954 | 101 | ceefcedy | 0.26750 | 145 | ckceol | 0.19899 |
| 14 | cseey | 0.54055 | 58 | cfeeey | 0.33803 | 102 | ceekcedy | 0.26750 | 146 | qokokal | 0.19571 |
| 15 | ceeteedy | 0.53652 | 59 | qokaiin | 0.33778 | 103 | ceeykedy | 0.26700 | 147 | ceykeor | 0.18992 |
| 16 | csekeedy | 0.52065 | 60 | okeedy | 0.33551 | 104 | ceotedy | 0.26448 | 148 | ceeoldy | 0.18992 |
| 17 | cekeedy | 0.51158 | 61 | cpeedy | 0.33450 | 105 | ckeeeey | 0.26397 | 149 | ceteor | 0.18942 |
| 18 | ceedy | 0.48967 | 62 | ckeedy | 0.33450 | 106 | alaiiin | 0.26397 | 150 | cetceor | 0.18942 |
| 19 | ceol | 0.44852 | 63 | ceokeey | 0.32317 | 107 | otaiin | 0.26347 | 151 | cseeckey | 0.18866 |
| 20 | doldaiin | 0.44433 | 64 | cekeey | 0.31284 | 108 | aloiiin | 0.26297 | 152 | olkeedy | 0.18866 |
| 21 | doraiin | 0.44408 | 65 | cseteeey | 0.30957 | 109 | araiiin | 0.26297 | 153 | ceetody | 0.18765 |
| 22 | dolaiin | 0.44408 | 66 | cseeeol | 0.30931 | 110 | or | 0.25999 | 154 | ceeeody | 0.18715 |
| 23 | dceeaiin | 0.43879 | 67 | ceoteey | 0.30906 | 111 | ckceeey | 0.25894 | 155 | otdal | 0.18564 |
| 24 | dtoaiin | 0.43828 | 68 | ceteey | 0.30277 | 112 | cpeey | 0.25541 | 156 | csekceey | 0.18488 |
| 25 | dykaiin | 0.43828 | 69 | ceoeey | 0.30176 | 113 | cfeey | 0.25138 | 157 | cseoleey | 0.18362 |
| 26 | dceaiin | 0.43778 | 70 | cetceey | 0.30075 | 114 | ceor | 0.25121 | 158 | okeey | 0.18337 |
| 27 | dcesaiin | 0.43753 | 71 | ceyteey | 0.30075 | 115 | ckceey | 0.25037 | 159 | oteal | 0.18211 |
| 28 | doaiin | 0.43727 | 72 | cepceey | 0.30075 | 116 | ctceey | 0.25037 | 160 | csekey | 0.18010 |
| 29 | dodaiin | 0.43627 | 73 | cteey | 0.29874 | 117 | otal | 0.24811 | 161 | cseeeor | 0.17984 |
| 30 | deaiin | 0.43627 | 74 | cteeol | 0.29370 | 118 | cseeeody | 0.24685 | 162 | okedy | 0.17808 |
| 31 | dyaiin | 0.43627 | 75 | cseol | 0.29319 | 119 | alkaiin | 0.24584 | 163 | okeeedy | 0.17682 |
| 32 | qokeokedy | 0.43324 | 76 | aiin | 0.29261 | 120 | ceseeor | 0.24408 | 164 | oteeedy | 0.17682 |
| 33 | ceokeedy | 0.42367 | 77 | ceeokedy | 0.29193 | 121 | ceteeor | 0.24408 | 165 | cseceey | 0.17178 |
| 34 | ceoteedy | 0.41838 | 78 | araiin | 0.29118 | 122 | cekedy | 0.24332 | 166 | cseckey | 0.17128 |
| 35 | ceeey | 0.40496 | 79 | ckeeol | 0.29068 | 123 | aldaiin | 0.24130 | 167 | cear | 0.16867 |
| 36 | cseeol | 0.39647 | 80 | ckeeeol | 0.28967 | 124 | cseefcedy | 0.24055 | 168 | qokeeody | 0.16826 |
| 37 | qokeeedy | 0.39596 | 81 | cseeody | 0.28841 | 125 | cetedy | 0.24030 | 169 | dcear | 0.16599 |
| 38 | ceykeedy | 0.39370 | 82 | alaiin | 0.28715 | 126 | cseepcedy | 0.23904 | 170 | dolar | 0.16599 |
| 39 | cepceedy | 0.39294 | 83 | cpeeol | 0.28664 | 127 | csekeol | 0.23904 | 171 | ceykey | 0.16549 |
| 40 | cekeeey | 0.39093 | 84 | ariin | 0.28639 | 128 | csekceedy | 0.23828 | 172 | cteeor | 0.16523 |
| 41 | ceekedy | 0.38488 | 85 | cfeeol | 0.28564 | 129 | daraiiin | 0.23551 | 173 | dkarar | 0.16523 |
| 42 | ceetedy | 0.38438 | 86 | aloiin | 0.28413 | 130 | otedy | 0.23249 | 174 | olkeey | 0.16523 |
| 43 | csekeey | 0.38362 | 87 | qokain | 0.28413 | 131 | cteol | 0.22871 | 175 | ceekody | 0.16473 |
| 44 | cedy | 0.37263 | 88 | aroiin | 0.28387 | 132 | qoteedy | 0.22594 | | | |

Table 8.15: Dominance of e- and i-Sequences among the Highest Absolute Infix Scores

| Rank | Word | Infix Score | Rank | Word | Infix Score | Rank | Word | Infix Score | Rank | Word | Infix Score |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | daiin | -0.02252 | 45 | oteey | -0.00364 | 89 | kaiin | -0.00169 | 133 | lceey | -0.00117 |
| 2 | ol | -0.01427 | 46 | cseo | -0.00338 | 90 | okeol | -0.00169 | 134 | kedy | -0.00114 |
| 3 | ceedy | -0.01299 | 47 | okedy | -0.00312 | 91 | okey | -0.00166 | 135 | keey | -0.00114 |
| 4 | aiin | -0.01229 | 48 | lceedy | -0.00309 | 92 | qotcey | -0.00166 | 136 | ceodaiin | -0.00114 |
| 5 | cseedy | -0.01114 | 49 | dol | -0.00304 | 93 | qotain | -0.00166 | 137 | otor | -0.00114 |
| 6 | ceol | -0.01026 | 50 | oty | -0.00302 | 94 | qotar | -0.00164 | 138 | tar | -0.00114 |
| 7 | or | -0.00984 | 51 | ctey | -0.00291 | 95 | cseckey | -0.00158 | 139 | taiin | -0.00114 |
| 8 | ar | -0.00947 | 52 | cseeol | -0.00291 | 96 | odaiin | -0.00156 | 140 | lor | -0.00111 |
| 9 | ceey | -0.00882 | 53 | qokey | -0.00283 | 97 | ykeey | -0.00156 | 141 | lol | -0.00111 |
| 10 | dar | -0.00841 | 54 | okeedy | -0.00278 | 98 | cteol | -0.00156 | 142 | ytaiin | -0.00111 |
| 11 | qokeedy | -0.00796 | 55 | dair | -0.00276 | 99 | ceeedy | -0.00153 | 143 | ckey | -0.00109 |
| 12 | qokeey | -0.00796 | 56 | csey | -0.00276 | 100 | qotal | -0.00153 | 144 | lcseedy | -0.00109 |
| 13 | cseey | -0.00752 | 57 | qokol | -0.00270 | 101 | oly | -0.00151 | 145 | tedy | -0.00109 |
| 14 | qokain | -0.00726 | 58 | oky | -0.00268 | 102 | l | -0.00148 | 146 | qodaiin | -0.00109 |
| 15 | qokedy | -0.00716 | 59 | oteedy | -0.00265 | 103 | otey | -0.00148 | 147 | oteol | -0.00109 |
| 16 | al | -0.00703 | 60 | ceeor | -0.00260 | 104 | sor | -0.00148 | 148 | olkeedy | -0.00109 |
| 17 | dy | -0.00695 | 61 | cseor | -0.00257 | 105 | qokcedy | -0.00145 | 149 | lkeedy | -0.00106 |
| 18 | qokaiin | -0.00682 | 62 | dam | -0.00255 | 106 | cseody | -0.00145 | 150 | lkeey | -0.00106 |
| 19 | dal | -0.00651 | 63 | otain | -0.00250 | 107 | sal | -0.00143 | 151 | qoteey | -0.00106 |
| 20 | s | -0.00632 | 64 | ceody | -0.00244 | 108 | csedy | -0.00138 | 152 | olkeey | -0.00104 |
| 21 | ceor | -0.00562 | 65 | r | -0.00244 | 109 | olaiin | -0.00138 | 153 | okcey | -0.00101 |
| 22 | dain | -0.00544 | 66 | qotedy | -0.00239 | 110 | qokeol | -0.00138 | 154 | qokceedy | -0.00101 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 23 | okaiin | -0.00541 | 67 | ain | -0.00229 | 111 | keedy | -0.00135 | 155 | oteody | -0.00101 |
| 24 | qokal | -0.00500 | 68 | ceeody | -0.00229 | 112 | d | -0.00135 | 156 | okeody | -0.00101 |
| 25 | cseol | -0.00489 | 69 | qoty | -0.00226 | 113 | kar | -0.00135 | 157 | ceoky | -0.00098 |
| 26 | okeey | -0.00460 | 70 | otol | -0.00223 | 114 | ceear | -0.00132 | 158 | cseeky | -0.00098 |
| 27 | ceeey | -0.00450 | 71 | am | -0.00221 | 115 | cseeor | -0.00132 | 159 | kol | -0.00098 |
| 28 | ceeol | -0.00440 | 72 | cseeedy | -0.00218 | 116 | cseeody | -0.00130 | 160 | olceedy | -0.00098 |
| 29 | otedy | -0.00424 | 73 | sar | -0.00216 | 117 | tol | -0.00130 | 161 | sy | -0.00098 |
| 30 | cey | -0.00406 | 74 | okol | -0.00213 | 118 | opceedy | -0.00130 | 162 | oraiin | -0.00098 |
| 31 | qokar | -0.00401 | 75 | o | -0.00210 | 119 | lkaiin | -0.00127 | 163 | qokor | -0.00096 |
| 32 | otaiin | -0.00398 | 76 | qotaiin | -0.00210 | 120 | otcey | -0.00127 | 164 | ykar | -0.00096 |
| 33 | qol | -0.00393 | 77 | cectey | -0.00205 | 121 | ody | -0.00127 | 165 | ceoty | -0.00093 |
| 34 | cedy | -0.00388 | 78 | air | -0.00205 | 122 | cteey | -0.00127 | 166 | dcseedy | -0.00093 |
| 35 | y | -0.00385 | 79 | raiin | -0.00195 | 123 | kain | -0.00125 | 167 | cees | -0.00091 |
| 36 | qoky | -0.00382 | 80 | qoteedy | -0.00192 | 124 | aiiin | -0.00125 | 168 | okor | -0.00091 |
| 37 | cseeey | -0.00380 | 81 | dor | -0.00190 | 125 | ceal | -0.00125 | 169 | lkain | -0.00091 |
| 38 | okal | -0.00377 | 82 | sol | -0.00190 | 126 | ceeckey | -0.00122 | 170 | ceos | -0.00091 |
| 39 | otar | -0.00377 | 83 | cear | -0.00187 | 127 | cseeo | -0.00122 | 171 | cseeckey | -0.00091 |
| 40 | saiin | -0.00375 | 84 | qokcey | -0.00182 | 128 | otam | -0.00122 | 172 | csear | -0.00091 |
| 41 | ceckey | -0.00372 | 85 | ceo | -0.00177 | 129 | qotol | -0.00122 | 173 | ckeey | -0.00088 |
| 42 | otal | -0.00372 | 86 | sain | -0.00177 | 130 | ykaiin | -0.00119 | 174 | ceeos | -0.00088 |
| 43 | okain | -0.00369 | 87 | ceeo | -0.00171 | 131 | ceaiin | -0.00117 | 175 | oiin | -0.00088 |
| 44 | okar | -0.00367 | 88 | ceeky | -0.00169 | 132 | cteor | -0.00117 | | | |

Table 8.16: Counts of E-Sequence Variants in Version #29

| | Polygraphs | Total | Single | Double | Triple | Quadruple |
|---|---|---|---|---|---|---|
| e-sequences | 406 | 4813 | 3745 | 1029 | 38 | 1 |
| Partial e-sequences | | 303 | 303 | | | |
| *oe* sequences | 129 | 234 | 224 | 10 | | |
| Partial *oe* sequences | | 105 | 105 | | | |
| *ea* sequences | 128 | 576 | 573 | 3 | | |
| Partial *ea* sequences | | 24 | 24 | | | |
| c-sequences | 155 | 1456 | 1352 | 104 | | |
| Partial c-sequences | 53 | 68 | 68 | | | |
| **Total** | | **5821** | | | | |
| | | | | | | |
| i-sequences | 66 | 1462 | 1444 | 18 | | |
| Partial i-Sequences | | 6 | 6 | | | |
| **Total** | 66 | **1468** | | | | |
| | **937 (971 with interior sequences)** | **6658** | | | | |

Table 8.17: Classification of the Top 50 $ai^{1-3}n$ Words and Variants by Differences in Count Magnitudes

| **Variants by i-Count** | | | **Document Incidence by Count of i-Infixes** | | |
|---|---|---|---|---|---|
| **1** | **2** | **3** | **1** | **2** | **3** |
| dain | daiin | daiiin | 209 | 858 | 22 |
| ain | aiin | aiiin | 88 | 475 | 48 |
| qokain | qokaiin | qokaiiin | 280 | 262 | 2 |
| okain | okaiin | okaiiin | 144 | 209 | 8 |
| otain | otaiin | otaiiin | 97 | 152 | 3 |
| sain | saiin | saiiin | 68 | 144 | 2 |
| qotain | qotaiin | qotaiiin | 64 | 81 | 2 |
| rain | raiin | raiiin | 26 | 75 | 1 |
| kain | kaiin | kaiiin | 48 | 65 | 3 |
| odain | odaiin | odaiiin | 19 | 60 | 8 |
| olain | olaiin | olaiiin | 14 | 53 | 4 |
| lkain | lkaiin | lkaiiin | 35 | 49 | 1 |
| ceain | ceaiin | ceaiiin | 18 | 45 | 1 |
| ykain | ykaiin | ykaiiin | 10 | 45 | 1 |
| tain | taiin | taiiin | 16 | 44 | 2 |
| ceodain | ceodaiin | | 9 | 44 | 0 |
| ytain | ytaiin | | 12 | 43 | 0 |
| qodain | qodaiin | qodaiiin | 11 | 42 | 2 |
| orain | oraiin | oraiiin | 27 | 38 | 4 |
| olkain | olkaiin | | 32 | 33 | 0 |
| ceedain | ceedaiin | ceedaiiin | 19 | 32 | 2 |
| oain | oaiin | oaiiin | 11 | 26 | 1 |
| qoain | qoaiin | | 7 | 23 | 0 |
| cseodain | cseodaiin | cseodaiiin | 5 | 22 | 2 |
| ydain | ydaiin | | 5 | 21 | 0 |
| cseain | cseaiin | cseaiiin | 8 | 20 | 1 |
| cekain | cekaiin | | 12 | 18 | 0 |
| ceokain | ceokaiin | | 11 | 17 | 0 |
| cedain | cedaiin | | 9 | 16 | 0 |
| cseedain | cseedaiin | cseedaiiin | 11 | 15 | 1 |
| cteain | cteaiin | | 4 | 13 | 0 |
| lain | laiin | laiiin | 5 | 13 | 2 |
| opain | opaiin | | 2 | 13 | 0 |
| ceeodain | ceeodaiin | ceeodaiiin | 8 | 11 | 1 |
| arain | araiin | araiiin | 2 | 9 | 1 |
| ceotain | ceotaiin | | 4 | 9 | 0 |
| cseeain | cseeaiin | | 2 | 9 | 0 |
| oldain | oldaiin | | 2 | 9 | 0 |
| todain | todaiin | | 2 | 9 | 0 |
| | polaiin | | 0 | 8 | 0 |
| oteodain | oteodaiin | | 1 | 8 | 0 |
| | paiin | | 0 | 8 | 0 |

| | | | | | |
|---|---|---|---|---|---|
| ceekain | ceekaiin | ceekaiiin | 7 | 8 | 1 |
| | ceoaiin | | 0 | 7 | 0 |
| cpeain | cpeaiin | | 1 | 7 | 0 |
| osain | osaiin | osaiiin | 3 | 7 | 1 |
| sorain | soraiin | | 2 | 7 | 0 |
| | yaiin | | 0 | 6 | 0 |
| | raraiin | raraiiin | 0 | 6 | 1 |
| | qopaiin | | 0 | 6 | 0 |

Table 8.18: Selected Words Where e-Sequences of Length 2 Outnumber Variants of Length 1

| Category | Variants by e-Count | | | | Document Incidence by Count of i-Infixes | | |
|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 1 | 2 | 3 |
| qo + e-Sequence | qokedy | qokeedy | qokeeedy | | 275 | 304 | 5 |
| ce | cey | ceey | ceeey | ceeeey | 155 | 339 | 173 |
| ce | cedy | ceedy | ceeedy | | 150 | 499 | 59 |
| qo + e-Sequence | qokey | qokeey | qokeeey | | 109 | 306 | 26 |
| cse | csey | cseey | cseeey | cseeeey | 105 | 286 | 146 |
| [yo] + e-Sequence | okey | okeey | okeeey | | 64 | 176 | 26 |
| [yo] + e-Sequence | otey | oteey | oteeey | | 57 | 139 | 8 |
| cse | csedy | cseedy | cseeedy | | 53 | 429 | 84 |
| [fptk]e | kedy | keedy | keeedy | | 44 | 52 | 3 |
| [yo] + e-Sequence | olkedy | olkeedy | olkeeedy | | 27 | 42 | 3 |
| [yo] + e-Sequence | otcedy | otceedy | otceeedy | | 27 | 34 | 1 |
| qo + e-Sequence | qotey | qoteey | qoteeey | | 25 | 41 | 4 |
| [yo] + e-Sequence | ykedy | ykeedy | ykeeedy | | 23 | 31 | 4 |
| [yo] + e-Sequence | ytedy | yteedy | yteeedy | | 23 | 29 | 1 |
| [yo] + e-Sequence | okcedy | okceedy | | | 21 | 25 | 0 |
| ce | cedar | ceedar | ceeedar | | 21 | 31 | 5 |
| [yo] + e-Sequence | opcedy | opceedy | opceeedy | | 19 | 50 | 3 |
| ce | cedal | ceedal | | | 18 | 24 | 0 |
| ce | ceky | ceeky | ceeeky | | 18 | 65 | 24 |
| ce | ces | cees | ceees | ceeees | 18 | 35 | 33 |
| ce | cedaiin | ceedaiin | ceeedaiin | ceeeedaiin | 16 | 32 | 4 |
| qo + e-Sequence | qopcedy | qopceedy | qopceeedy | | 16 | 32 | 2 |
| cse | cse | csee | cseee | | 15 | 24 | 13 |
| [yo] + e-Sequence | opcey | opceey | opceeey | | 14 | 29 | 5 |
| cse | cseky | cseeky | cseeeky | cseeeeky | 13 | 38 | 14 |
| [fptk]e | key | keey | keeey | | 13 | 44 | 11 |
| [yo] + e-Sequence | ytey | yteey | yteeey | | 13 | 28 | 3 |
| [yo] + e-Sequence | yceol | yceeol | yceeeol | | 12 | 14 | 1 |
| cse | cseos | cseeos | cseeeos | | 12 | 17 | 1 |
| ce | cety | ceety | ceeety | ceeeety | 12 | 25 | 3 |
| [yo] + e-Sequence | olkey | olkeey | olkeeey | | 12 | 40 | 9 |
| [fptk]e | tey | teey | teeey | | 11 | 20 | 1 |
| ce | cedain | ceedain | ceeedain | | 9 | 19 | 2 |
| ce | ced | ceed | ceeed | | 8 | 23 | 2 |
| ce | cekey | cekeey | ceekey | | 8 | 13 | 6 |
| ce | cekey | cekeey | cekeeey | | 8 | 13 | 1 |
| qo + e-Sequence | qokeo | qokeeo | | | 8 | 23 | 0 |
| [yo] + e-Sequence | ykey | ykeey | ykeeey | | 8 | 60 | 6 |
| c[fptk]e | ctedy | cteedy | | | 8 | 10 | 0 |
| [yo] + e-Sequence | olcedy | olceedy | olceeedy | | 8 | 38 | 3 |
| [yo] + e-Sequence | olcey | olceey | olceeey | olceeeey | 8 | 29 | 12 |
| qo + e-Sequence | qoked | qokeed | | | 7 | 15 | 0 |
| cse | csed | cseed | cseeed | | 7 | 19 | 6 |
| ce | ceokey | ceokeey | ceokeeey | | 7 | 10 | 2 |
| [yo] + e-Sequence | ypcedy | ypceedy | ypceeedy | | 6 | 12 | 1 |
| [yo] + e-Sequence | yceo | yceeo | yceeeo | | 6 | 15 | 7 |
| [yo] + e-Sequence | olcsedy | olcseedy | olcseeedy | | 5 | 23 | 1 |
| [yo] + e-Sequence | otes | otees | oteees | | 5 | 10 | 3 |
| cse | csety | cseety | cseeety | | 4 | 10 | 8 |
| qo + e-Sequence | qoedy | qoeedy | qoeeedy | | 4 | 20 | 3 |
| cse | csedal | cseedal | cseeedal | | 4 | 11 | 1 |
| cse | cses | csees | cseees | cseeees | 4 | 15 | 9 |
| c[fptk]e | ckeody | ckeeody | ckeeeody | | 4 | 5 | 1 |
| [yo] + e-Sequence | oedy | oeedy | oeeedy | | 4 | 11 | 1 |
| [yo] + e-Sequence | olcsey | olcseey | olcseeey | | 4 | 11 | 7 |
| [yo] + e-Sequence | ycey | yceey | yceeey | | 4 | 16 | 23 |
| cse | csedaiin | cseedaiin | | | 3 | 15 | 0 |
| qo + e-Sequence | qokcsedy | qokcseedy | | | 3 | 11 | 0 |
| qo + e-Sequence | qokecedy | qokeceedy | | | 3 | 4 | 0 |
| [yo] + e-Sequence | otcsedy | otcseedy | | | 3 | 13 | 0 |
| [yo] + e-Sequence | okes | okees | okeees | okeeees | 3 | 18 | 1 |
| [yo] + e-Sequence | ycedy | yceedy | yceeedy | | 2 | 13 | 7 |
| qo + e-Sequence | qolcey | qolceey | qolceeey | | 2 | 11 | 1 |
| qo + e-Sequence | qolcedy | qolceedy | qolceeedy | | 1 | 10 | 2 |
| [yo] + e-Sequence | ycsey | ycseey | ycseeey | | 1 | 12 | 10 |
| [yo] + e-Sequence | oes | oees | oeees | oeeees | 1 | 10 | 9 |

Table 8.19: The Effect of Divergent Spikes in Document Counts of e-Sequences of Length 2 on Selected Grammatical Categories

| Category | Distinct Counts | | Single Infix Word Counts | | Double Infix Word Counts | | Distinct Count Ratio | Single vs. Double Document Count Ratio | | Ratio Divergence |
|---|---|---|---|---|---|---|---|---|---|---|
| Single vs. Double | > | < | > | < | > | < | | > | < | |
| [fptk]e | 69 | 54 | 213 | 78 | 74 | 190 | 1.278 | 2.878 | -2.436 | 5.314 |
| cse | 264 | 161 | 1186 | 248 | 482 | 1109 | 1.64 | 2.461 | -4.472 | 6.932 |
| [yo] + e-Sequence | 915 | 483 | 2096 | 463 | 678 | 1605 | 1.894 | 3.091 | -3.467 | 6.558 |
| qo + e-Sequence | 253 | 130 | 919 | 480 | 367 | 984 | 1.946 | 2.504 | -2.05 | 4.554 |
| ce | 574 | 261 | 2854 | 480 | 1016 | 1483 | 2.199 | 2.809 | -3.09 | 5.899 |
| c[fptk]e | 134 | 25 | 587 | 15 | 154 | 50 | 5.36 | 3.812 | -3.333 | 7.145 |

Table 8.20: Counts of *e* in Single-Word Figure Labels with *ce* or *cse*

| Group e-Count | Distinct Count 1 | 2 | 3 | Instances 1 | 2 | 3 | Words 1 | 2 | 3 |
|---|---|---|---|---|---|---|---|---|---|
| *ce* Variants | | | | | | | | | |
| ce | 14 | 7 | | 14 | 7 | | ceckcey, cectcey, cedaiirsainy, cedy, cefaly, cekcedar, ceockey, ceocpey, ceodal, ceodalg, ceodar, ceolar, ceosar, cesary | ceed, ceefy, ceeody, ceeoekcy, ceeoepy, ceeolpy, ceeorol | |
| yo + ce | 3 | 1 | | 3 | 1 | | oceodare, oceory, oceoyk | oceeos | |
| yo + fptk + ce | 19 | 8 | 1 | 19 | 8 | 1 | ofcedady, ofcedysd, ofcesody, okceoda, okceor, okceosam, okceoy, opceoldg, opceoldy, otce, otcedal, otcedo, otceocsey, otceodals, otceody, otcey, ykcedy, ytceody, ytceodyy | ofceeay, ofceeor, okceedy okceeody, otceeodar, otceeody, yfceeodly, ytceeodytor | ofceeesy |
| *cse* Variants | | | | | | | | | |
| cse | 5 | 7 | | 5 | 8 | | csecey, csedar, csedy, cseockeay, cseolcsedy | cseek, cseekal, cseeoeky, cseeol, cseeosam, cseey, cseoleey | |
| yo + cse | 1 | 1 | | 1 | 1 | | ocseodody | ocseesy | |
| yo + fptk + cse | 5 | 1 | | 5 | 1 | | ofcseoldy, okcsedoeos, okcseor, otcsecsedy, otcsey | opcseedaiin | |

Table 8.21: Determinants of the Enumeration Targets of e-Sequences

| Defined By | Distinct Count | Document Count | Probable Expansions of: |
|---|---|---|---|
| **c-Sequences** | | | |
| c | 2644 | 10841 | Sequences to the Right |
| cs | 1141 | 4600 | |
| c[fptk] | 595 | 2120 | |
| cbe | 13 | 14 | |
| **Other $e^{1-4}$ Following** | | | |
| [tk] | 120 | 540 | Sequences to the Right |
| l[fptk] | 136 | 491 | |
| d[fptk] | 9 | 10 | |
| $de^{1-4}$ | 29 | 41 | |
| e-initial | 47 | 68 | |
| $qe^{1-4}$[fptk] | 10 | 14 | |
| **Suspected [yo]-Nouns** | | | |
| [yo][fptk]$e^{1-4}$ | 493 | 4074 | [yo][fptk] vs. Sequences to the Right |
| [yo]$e^{1-4}$[fptk] | 49 | 58 | [yo] vs. [fptk] Possibly + Sequences to the Right |
| [fptk \| b]$e^{1-4}$o[dlrsmg \| y] | 511 | 1665 | Sequences to the Right when [fptk \| b] is a Prefix |
| [yo]$e^{1-4}$o | 46 | 68 | oo |
| $oe^{1-4}$d | 35 | 81 | od |
| [yo]$oe^{1-4}$s | 31 | 61 | os |
| [yo]$e^{1-4}$y | 20 | 58 | oy |
| [yo]$le^{1-4}$ | 29 | 39 | [yo]l vs. Sequences to the Right |
| **Other** | | | |
| [yo]$e^{1-4}$a | 18 | 26 | [yo] vs. a |
| [fptk]$e^{1-4}$ not preceded by [yo] | 316 | 1656 | Sequences to the Right when [fptk \| b] is a Prefix |
| [fptk]$e^{1-4}$dy not preceded by [yo] | 134 | 593 | Sequences to the Right when [fptk \| b] is a Prefix |
| Remainder | 75 | 85 | |

Table 9.1: Prefix and Suffix Candidates Eliminated by Role Predilection Testing

| Length | Distinct Count | Document Count | % Eliminated | Distinct Consonant Clusters | Document Consonant Clusters | % Eliminated | Distinct Vowel Clusters | Document Vowel Clusters | % Eliminated |
|---|---|---|---|---|---|---|---|---|---|
| All | 17317 | 26005 | 66.591 | 165 | 315 | 52.381 | 60 | 129 | 46.512 |
| 2 | 85 | 285 | 29.825 | 39 | 115 | 33.913 | 3 | 23 | 13.043 |
| 3 | 607 | 1324 | 45.846 | 83 | 137 | 60.584 | 17 | 40 | 42.5 |
| 4 | 1856 | 3406 | 54.492 | 38 | 57 | 66.667 | 18 | 34 | 52.941 |
| 5 | 3530 | 5715 | 61.767 | 4 | 5 | 80 | 16 | 25 | 64 |
| 6 | 4386 | 6370 | 68.854 | 1 | 1 | 100 | 3 | 4 | 75 |
| 7 | 3531 | 4733 | 74.604 | 0 | 0 | 0 | 1 | 1 | 100 |
| 8 | 1998 | 2545 | 78.507 | 0 | 0 | 0 | 1 | 1 | 100 |
| 9 | 866 | 1056 | 82.008 | 0 | 0 | 0 | 1 | 1 | 100 |
| 10 | 292 | 369 | 79.133 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 115 | 140 | 82.143 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 34 | 45 | 75.556 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 15 | 15 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 2 | 2 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |

Table 9.2: Initial Prefix and Suffix Scoring Results

| Rank | Prefix | Prefix Score | Suffix | Suffix Score | Rank | Prefix | Prefix Score | Suffix | Suffix Score |
|---|---|---|---|---|---|---|---|---|---|
| 1 | qo | 0.73989 | aiin | 0.23540 | 26 | tce | 0.24967 | eeo | 0.16337 |
| 2 | ce | 0.56386 | eor | 0.21968 | 27 | ote | 0.24916 | eol | 0.16334 |
| 3 | cee | 0.45649 | ed | 0.21665 | 28 | kce | 0.24822 | dam | 0.16304 |
| 4 | cse | 0.37552 | eo | 0.21021 | 29 | opce | 0.24670 | eeor | 0.16260 |
| 5 | ceo | 0.36168 | ain | 0.20994 | 30 | cte | 0.24663 | odaiin | 0.16030 |
| 6 | yk | 0.34073 | edaiin | 0.19737 | 31 | yte | 0.24366 | edain | 0.15976 |
| 7 | csee | 0.33046 | ees | 0.19401 | 32 | otce | 0.24224 | eoy | 0.15859 |
| 8 | yt | 0.32310 | csey | 0.18842 | 33 | okee | 0.24056 | eky | 0.15810 |
| 9 | ok | 0.31685 | edar | 0.18627 | 34 | ceet | 0.24020 | oly | 0.15738 |
| 10 | ot | 0.31466 | eal | 0.18386 | 35 | lo | 0.23620 | eodaiin | 0.15720 |
| 11 | oke | 0.31249 | ear | 0.18156 | 36 | qote | 0.23462 | es | 0.15565 |
| 12 | dce | 0.30286 | eed | 0.18008 | 37 | te | 0.23310 | ecsey | 0.15421 |
| 13 | ol | 0.29130 | oldy | 0.17971 | 38 | olce | 0.23199 | eeol | 0.15334 |
| 14 | qoke | 0.28192 | eod | 0.17822 | 39 | okce | 0.23181 | am | 0.15082 |
| 15 | oe | 0.27290 | eody | 0.17786 | 40 | lk | 0.23149 | ldy | 0.14841 |
| 16 | lke | 0.27087 | eos | 0.17561 | 41 | qokce | 0.23133 | ody | 0.14801 |
| 17 | pce | 0.26649 | edal | 0.17530 | 42 | cke | 0.22852 | ctey | 0.14786 |
| 18 | qok | 0.26491 | edy | 0.17185 | 43 | yke | 0.22427 | olaiin | 0.14782 |
| 19 | kee | 0.26304 | daiin | 0.16976 | 44 | oce | 0.22344 | eodal | 0.14680 |
| 20 | olk | 0.26055 | aly | 0.16814 | 45 | ceok | 0.22241 | eoldy | 0.14668 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 21 | qot | 0.25933 | eedain | 0.16794 | 46 | qoe | 0.22137 | ecey | 0.14668 |
| 22 | lce | 0.25542 | eoly | 0.16778 | 47 | qokee | 0.22089 | cedy | 0.14648 |
| 23 | ke | 0.25524 | ly | 0.16652 | 48 | sce | 0.22087 | edor | 0.14406 |
| 24 | yce | 0.25269 | eeody | 0.16457 | 49 | qopce | 0.22028 | ckeey | 0.14389 |
| 25 | ceot | 0.25041 | eeal | 0.16417 | 50 | oee | 0.22017 | ar | 0.14385 |

Table 9.3: Prefix and Suffix Scoring Results Following Length Penalties

| Rank | Prefix | Prefix Score 2 | Suffix | Suffix Score 2 | Rank | Prefix | Prefix Score 2 | Suffix | Suffix Score 2 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | qo | 0.73989 | ed | 0.21665 | 26 | cp | 0.15645 | aly | 0.08407 |
| 2 | ce | 0.56386 | eo | 0.21021 | 27 | oke | 0.15624 | eeo | 0.08168 |
| 3 | yk | 0.34073 | ly | 0.16652 | 28 | dce | 0.15143 | eol | 0.08167 |
| 4 | yt | 0.32310 | es | 0.15565 | 29 | sc | 0.14708 | dam | 0.08152 |
| 5 | ok | 0.31685 | am | 0.15082 | 30 | ko | 0.14393 | eoy | 0.07929 |
| 6 | ot | 0.31466 | ar | 0.14385 | 31 | pc | 0.14111 | eky | 0.07905 |
| 7 | ol | 0.29130 | ry | 0.13356 | 32 | lc | 0.14086 | oly | 0.07869 |
| 8 | oe | 0.27290 | om | 0.12995 | 33 | kc | 0.14046 | aiin | 0.07846 |
| 9 | ke | 0.25524 | as | 0.12890 | 34 | lke | 0.13543 | in | 0.07784 |
| 10 | lo | 0.23620 | oy | 0.12866 | 35 | pce | 0.13324 | sy | 0.07463 |
| 11 | te | 0.23310 | er | 0.12604 | 36 | qok | 0.13245 | ldy | 0.07420 |
| 12 | lk | 0.23149 | ky | 0.11501 | 37 | kee | 0.13152 | ody | 0.07400 |
| 13 | cee | 0.22824 | an | 0.11333 | 38 | olk | 0.13027 | ea | 0.06889 |
| 14 | po | 0.21711 | eor | 0.10984 | 39 | qot | 0.12966 | tl | 0.06835 |
| 15 | qe | 0.20577 | ain | 0.10497 | 40 | sk | 0.12913 | lal | 0.06833 |
| 16 | cse | 0.18776 | os | 0.09758 | 41 | lce | 0.12771 | eom | 0.06667 |
| 17 | so | 0.18705 | ees | 0.09700 | 42 | tc | 0.12757 | em | 0.06467 |
| 18 | ct | 0.18615 | py | 0.09640 | 43 | yce | 0.12634 | yky | 0.06413 |
| 19 | ceo | 0.18084 | eal | 0.09193 | 44 | op | 0.12548 | iin | 0.06366 |
| 20 | dc | 0.17677 | ear | 0.09078 | 45 | tce | 0.12483 | csey | 0.06280 |
| 21 | de | 0.17593 | eed | 0.09004 | 46 | ote | 0.12458 | edar | 0.06209 |
| 22 | to | 0.17492 | eg | 0.08946 | 47 | kce | 0.12411 | ety | 0.06186 |
| 23 | ck | 0.16892 | eod | 0.08911 | 48 | cte | 0.12331 | ydy | 0.06090 |
| 24 | oc | 0.16603 | eos | 0.08780 | 49 | do | 0.12318 | oldy | 0.05990 |
| 25 | yc | 0.16400 | edy | 0.08592 | 50 | od | 0.12222 | ef | 0.05990 |

Table 9.4: All 61 Polygraphs of Length 2-3 with Perfect Compound Boundary Scores

| Rank | Polygraph | Count | Prefix Score | Suffix Score | Rank | Polygraph | Count | Prefix Score | Suffix Score |
|---|---|---|---|---|---|---|---|---|---|
| 1 | ety | 32 | -1 | 0.12372 | 32 | aky | 5 | -1 | 0.02660 |
| 2 | lky | 22 | -1 | 0.07698 | 33 | cy | 5 | -1 | 0.00123 |
| 3 | rdy | 20 | -1 | 0.03448 | 34 | xor | 5 | -1 | -0.01691 |
| 4 | ag | 19 | -1 | -0.00642 | 35 | san | 5 | 0.03953 | -1 |
| 5 | ady | 17 | -1 | 0.09226 | 36 | xar | 4 | -1 | 0.04035 |
| 6 | lg | 16 | -1 | 0.01534 | 37 | yly | 4 | -1 | 0.00514 |
| 7 | eas | 16 | -1 | 0.09564 | 38 | dm | 4 | -1 | 0.00225 |
| 8 | dan | 15 | -1 | 0.05132 | 39 | are | 4 | -1 | 0.00031 |
| 9 | dey | 15 | -1 | 0.03874 | 40 | dag | 4 | -1 | -0.00082 |
| 10 | og | 15 | 0.01803 | -0.01803 | 41 | cky | 4 | -1 | 0.06693 |
| 11 | oin | 14 | -0.02952 | 0.02952 | 42 | dky | 4 | -1 | 0.02199 |
| 12 | sam | 14 | -1 | 0.02347 | 43 | qy | 4 | 0.00451 | -1 |
| 13 | em | 13 | -1 | 0.06467 | 44 | oam | 4 | -1 | 0.00573 |
| 14 | een | 12 | -1 | 0.07183 | 45 | loy | 3 | -1 | -1 |
| 15 | lom | 12 | -1 | 0.01713 | 46 | dpy | 3 | -1 | 0.00019 |
| 16 | dg | 12 | -1 | 0.00634 | 47 | rky | 3 | -1 | 0.06835 |
| 17 | rom | 11 | -1 | 0.02324 | 48 | sky | 3 | -1 | 0.06331 |
| 18 | co | 10 | 0.01140 | -1 | 49 | tan | 3 | -1 | 0.04441 |
| 19 | ddy | 10 | -1 | 0.08016 | 50 | som | 2 | -1 | -1.00000 |
| 20 | cty | 10 | -1 | 0.07365 | 51 | dls | 2 | -1 | 0.00741 |
| 21 | dom | 9 | -1 | 0.03410 | 52 | arg | 2 | -1 | -1.00000 |
| 22 | lm | 8 | -1 | 0.00977 | 53 | amy | 2 | -1 | 0.03705 |
| 23 | asy | 8 | -1 | 0.02033 | 54 | yor | 2 | -1 | 0.02032 |
| 24 | osy | 8 | -1 | 0.07903 | 55 | ods | 2 | -1 | 0.00648 |
| 25 | qko | 7 | 0.00847 | -1 | 56 | gar | 2 | -1 | 0.00601 |
| 26 | alg | 7 | -1 | 0.06715 | 57 | m | 1 | -1 | 0.00294 |
| 27 | dys | 7 | -1 | 0.01186 | 58 | qey | 1 | 0.00352 | -1 |
| 28 | dly | 6 | -1 | 0.02321 | 59 | org | 1 | -1 | -1 |
| 29 | cto | 6 | 0.03953 | -1 | 60 | amg | 1 | -1 | 0.00009 |
| 30 | sl | 6 | -1 | 0.00240 | 61 | cpy | 1 | -1 | 0.04107 |
| 31 | kom | 5 | 0.00814 | -0.00814 | 32 | aky | 5 | -1 | 0.02660 |

Table 9.5: Top 22 Polygraphs Most Similar to *ad* by Combined Conditional Distribution Distance

| Rank | Polygraph | Document Count | Distribution Distance 1 | Distribution Distance 2 | Combined Distribution Distance |
|---|---|---|---|---|---|
| 1 | ar | 2978 | 0.18048 | 0.23881 | 0.20965 |
| 2 | am | 707 | 0.19632 | 0.29617 | 0.24625 |
| 3 | al | 2908 | 0.23470 | 0.25933 | 0.24702 |
| 4 | an | 121 | 0.19491 | 0.30340 | 0.24915 |
| ~~5~~ | ~~ad~~ | ~~2~~ | ~~0.19491~~ | ~~0.32203~~ | ~~0.25847~~ |
| ~~6~~ | ~~ja~~ | ~~2~~ | ~~0.19491~~ | ~~0.32203~~ | ~~0.25847~~ |
| ~~7~~ | ~~nt~~ | ~~2~~ | ~~0.19491~~ | ~~0.32203~~ | ~~0.25847~~ |
| 8 | yd | 188 | 0.22322 | 0.30643 | 0.26483 |
| 9 | as | 129 | 0.22060 | 0.30955 | 0.26507 |
| 10 | ak | 37 | 0.28859 | 0.28103 | 0.28481 |
| 11 | ys | 40 | 0.16377 | 0.41864 | 0.29120 |
| 12 | or | 2487 | 0.16429 | 0.42192 | 0.29311 |
| 13 | yr | 20 | 0.26101 | 0.32754 | 0.29427 |
| 14 | yl | 43 | 0.31848 | 0.28537 | 0.30193 |

| | | | | | |
|---|---|---|---|---|---|
| 15 | at | 13 | 0.32855 | 0.31877 | 0.32366 |
| 16 | om | 179 | 0.19770 | 0.45421 | 0.32596 |
| 17 | el | 79 | 0.19266 | 0.46127 | 0.32696 |
| 18 | od | 2370 | 0.16255 | 0.49516 | 0.32886 |
| 19 | os | 518 | 0.12777 | 0.53489 | 0.33133 |
| 20 | ol | 5212 | 0.28924 | 0.37558 | 0.33241 |
| 21 | kd | 12 | 0.17514 | 0.49505 | 0.33509 |
| 22 | ed | 6213 | 0.15261 | 0.51766 | 0.33513 |

Table 9.6: Distribution Distance Hyperpyramids for Digraphs

| Hyper Pyramid | | Counts | | | Perimeter | | Hyper Pyramid | | Counts | | | Perimeter | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # | Definition | Member | Point | Line | | μ Per Line | # | Definition | Member | Point | Line | | μ Per Line |
| 66 | oy, os, om, od, es, ey, eg, er, og, ol, or, ed, sd | 13 | 91 | 4095 | 18.96137 | 0.00463 | 70 | ky, do, ty, dl, rl, dr | 6 | 21 | 210 | 3.65374 | 0.01739 |
| 17 | lr, ld, ls, ly, lm, lg, ii, ir, is, im, ro, lo, ry | 13 | 91 | 4095 | 20.90104 | 0.00510 | 23 | nl, ny, nd | 3 | 6 | 15 | 0.26648 | 0.01776 |
| 101 | lm, ly, ry, ld, lo, lg, ls, ir, im, is, lr, ii | 12 | 78 | 3003 | 17.27429 | 0.00575 | 210 | dc, sc, yc, cs, pc | 5 | 15 | 105 | 1.90214 | 0.01811 |
| 138 | yf, sp, lf, dp, ep, qp, ps, of, lp, yp, op | 11 | 66 | 2145 | 13.54185 | 0.00631 | 47 | ls, ld, ry, ly, lo | 5 | 15 | 105 | 1.90265 | 0.01812 |
| 97 | yt, lk, yk, at, ek, rk, sk, dk, lt, ot, ok | 11 | 66 | 2145 | 13.74280 | 0.00640 | 147 | iy, xa, dg, xy, mg, xo | 6 | 21 | 210 | 3.86666 | 0.01841 |
| 19 | or, ol, oy, om, os, od, es, er, ed, ey | 10 | 55 | 1485 | 9.78375 | 0.00658 | 178 | py, do, ty, fy, ky, gy | 6 | 21 | 210 | 3.93703 | 0.01874 |
| 34 | oa, ra, pa, do, fa, la, da, sa, ka, ta | 10 | 55 | 1485 | 9.79203 | 0.00659 | 15 | ga, xo, xa, mg, do, iy | 6 | 21 | 210 | 3.96226 | 0.01886 |
| 71 | eg, or, ol, oy, os, od, om, ey, ed, es | 10 | 55 | 1485 | 10.06056 | 0.00677 | 69 | si, iy, in, nl, id | 5 | 15 | 105 | 1.98336 | 0.01888 |
| 99 | ic, mc, fs, dc, cf, rc, sc, kc, cB, cp, yc, tc, ct | 13 | 91 | 4095 | 28.05485 | 0.00685 | 32 | to, ko, ky, ty, py | 5 | 15 | 105 | 1.99356 | 0.01898 |
| 221 | so, do, to, ko, po, lo, ty, sa, pa, ta | 10 | 55 | 1485 | 10.49101 | 0.00706 | 201 | rd, ry, ly, ld, ls | 5 | 15 | 105 | 2.00986 | 0.01914 |
| 150 | nd, nl, ny, no, iy, na, ig, in, ll, si, id | 11 | 66 | 2145 | 15.19757 | 0.00708 | 177 | fo, po, to, ko, do | 5 | 15 | 105 | 2.01613 | 0.01920 |
| 165 | ik, id, in, iy, ny, si, nd, na, ig, ll, nl | 11 | 66 | 2145 | 15.46917 | 0.00721 | 129 | ky, do, lq, rl, ty, dl | 6 | 21 | 210 | 4.09300 | 0.01949 |
| 102 | ll, id, si, iy, in, ig, nd, ny, nl, na | 10 | 55 | 1485 | 11.58361 | 0.00780 | 90 | ko, to, so, do, oo | 5 | 15 | 105 | 2.08210 | 0.01982 |
| | ko, to, so, do, ty, lo, po, ta, pa | 9 | 45 | 990 | 8.17283 | 0.00825 | 56 | ym, xa, sm, dm, xo, mg | 6 | 21 | 210 | 4.18888 | 0.01994 |
| 164 | do, to, ko, kl, so, py, ty, ky, fy | 9 | 45 | 990 | 8.60908 | 0.00869 | 74 | is, ii, im, ir | 4 | 10 | 45 | 0.93109 | 0.02069 |
| 2 | xo, xa, iy, do, ty, rl, mg, xy, dm, cy | 10 | 55 | 1485 | 13.06821 | 0.00880 | 52 | do, ky, ty, dy, sy | 5 | 15 | 105 | 2.24266 | 0.02135 |
| 16 | ta, oa, pa, ka, da, sa, ra, la | 8 | 36 | 630 | 5.56791 | 0.00883 | 58 | mg, xo, ao, ae, xa, iy | 6 | 21 | 210 | 4.57326 | 0.02177 |
| 94 | xo, mg, fs, oB, xa, iy, sl, el, do, so | 10 | 55 | 1485 | 13.43597 | 0.00904 | 104 | or, ol, os, od | 4 | 10 | 45 | 0.99735 | 0.02216 |
| 192 | nl, iy, na, in, ig, ll, nd, no, ny, nc | 10 | 55 | 1485 | 13.56284 | 0.00913 | 110 | iy, mg, xa, xo, xy | 5 | 15 | 105 | 2.33888 | 0.02227 |
| 108 | as, an, or, om, al, am, ar, yd | 8 | 36 | 630 | 5.97885 | 0.00949 | 131 | iy, sr, mg, xa, xo | 5 | 15 | 105 | 2.39444 | 0.02280 |
| 180 | id, ig, ll, si, ny, in, nl, iy, io | 9 | 45 | 990 | 9.47421 | 0.00956 | 39 | ym, tl, mg, xa, xo | 5 | 15 | 105 | 2.46111 | 0.02343 |
| 119 | as, or, an, ol, yl, al, am, ar | 8 | 36 | 630 | 6.15278 | 0.00976 | 96 | cp, ct, cf, de, ck | 5 | 15 | 105 | 2.49760 | 0.02378 |
| 113 | do, so, ko, to, po, lo, ty, ta | 8 | 36 | 630 | 6.15806 | 0.00977 | 149 | sa, ki, ti, ta, ka | 5 | 15 | 105 | 2.50235 | 0.02383 |
| 29 | il, im, ir, ii, is, ly, ry, mo | 8 | 36 | 630 | 6.30344 | 0.01000 | 30 | xo, xa, mg, iy, my | 5 | 15 | 105 | 2.51111 | 0.02391 |
| 43 | ay, yr, ol, oy, os, om, or, od | 8 | 36 | 630 | 6.58965 | 0.01045 | 53 | tc, kc, fc | 3 | 6 | 15 | 0.36063 | 0.02404 |
| 114 | lr, lo, ls, ld, ly, ry, lm, lg | 8 | 36 | 630 | 6.65137 | 0.01055 | 76 | id, in, iy, ll | 4 | 10 | 45 | 1.10669 | 0.02459 |
| 133 | es, ed, or, ol, ea, eo, er, ey | 8 | 36 | 630 | 6.78523 | 0.01077 | 18 | al, am, ar, ai, oi | 5 | 15 | 105 | 2.59829 | 0.02474 |
| 167 | oc, ec, qc, ac, xo, mg, xa, qe, yo, qo | 10 | 55 | 1485 | 16.02268 | 0.01078 | 144 | iy, mg, xa, xo, ag | 5 | 15 | 105 | 2.60404 | 0.02480 |
| 42 | as, or, om, am, an, ar, al | 7 | 28 | 378 | 4.16783 | 0.01102 | 45 | fe, pe, ke, te, se | 5 | 15 | 105 | 2.62714 | 0.02502 |
| 185 | om, os, od, yr, or, oy, ol | 7 | 28 | 378 | 4.23054 | 0.01119 | 109 | on, ym, mg, xa, xo | 5 | 15 | 105 | 2.62777 | 0.02502 |
| 153 | xo, xa, mg, iy, so, do, ym, sl | 8 | 36 | 630 | 7.08506 | 0.01124 | 219 | iy, oq, mg, xo, xa | 5 | 15 | 105 | 2.68429 | 0.02556 |
| 218 | ot, yk, ok, lk, yt, lt | 6 | 21 | 210 | 2.36934 | 0.01128 | 57 | nl, rs, it, iy, ig | 5 | 15 | 105 | 2.72500 | 0.02595 |
| 196 | oy, or, om, og, os, od, ol | 7 | 28 | 378 | 4.27792 | 0.01131 | 54 | xo, xa, mg, ye, iy | 5 | 15 | 105 | 2.72777 | 0.02597 |
| 157 | ad, ar, al, am, an, or, as | 7 | 28 | 378 | 4.29604 | 0.01136 | 1 | cr, mg, xo, xa, iy | 5 | 15 | 105 | 2.72777 | 0.02597 |
| 80 | xo, xa, mg, iy, do, qc, qe, qo, qy | 9 | 45 | 990 | 11.27495 | 0.01138 | 142 | iy, xo, xa, mg, Bo | 5 | 15 | 105 | 2.72777 | 0.02597 |
| 27 | ck, ct, cp, cf, tc, dc, kc, sc | 8 | 36 | 630 | 7.20027 | 0.01142 | 159 | co, mg, xo, xa, iy | 5 | 15 | 105 | 2.72777 | 0.02597 |
| 44 | or, ol, oy, es, ed, ey, er | 7 | 28 | 378 | 4.45393 | 0.01178 | 155 | ge, mg, xo, xa, iy | 5 | 15 | 105 | 2.72777 | 0.02597 |
| 143 | rg, sr, xo, mg, xa, sl, iy, do | 8 | 36 | 630 | 7.58470 | 0.01203 | 156 | iy, xa, xo, mg, go | 5 | 15 | 105 | 2.72777 | 0.02597 |
| 73 | fc, pc, tc, kc, dc, sc | 6 | 21 | 210 | 2.55978 | 0.01218 | 85 | ee, eo, ea, ey, er | 5 | 15 | 105 | 2.77913 | 0.02646 |
| 41 | ts, rl, ty, dr, py, do, dl, ky | 8 | 36 | 630 | 7.70041 | 0.01222 | 20 | xo, mg, xa, sl, ss | 5 | 15 | 105 | 2.79444 | 0.02661 |
| 10 | ot, yt, ok, yk | 4 | 10 | 45 | 0.55999 | 0.01244 | 171 | yq, xa, mg, xo, iy | 5 | 15 | 105 | 2.80277 | 0.02669 |
| 121 | da, pa, oa, di, sa, ka, ta | 7 | 28 | 378 | 4.77126 | 0.01262 | 89 | oe, ce, se, te, ke | 5 | 15 | 105 | 2.80673 | 0.02673 |
| 137 | ka, ta, da, sa, oa, pa | 6 | 21 | 210 | 2.72509 | 0.01297 | 92 | do, so, yo, qe, qo | 5 | 15 | 105 | 2.92552 | 0.02786 |
| 49 | ma, ry, lm, ly, ls, ld, lo | 7 | 28 | 378 | 4.90722 | 0.01298 | 3 | cB, ct, cp, cf | 4 | 10 | 45 | 1.31382 | 0.02919 |
| 28 | or, ol, ed, er, ey, es, em | 7 | 28 | 378 | 4.92080 | 0.01301 | 62 | ef, ep, et, ek | 4 | 10 | 45 | 1.32452 | 0.02943 |
| 197 | os, od, ol, or, oy, om | 6 | 21 | 210 | 2.76032 | 0.01314 | 148 | qc, ac, oc, ec, qo | 5 | 15 | 105 | 3.18169 | 0.03030 |
| 208 | op, ep, dp, ap, yp, yf, of | 7 | 28 | 378 | 4.99094 | 0.01320 | 214 | er, ey, ea, eo | 4 | 10 | 45 | 1.38082 | 0.03068 |
| 112 | or, as, am, an, al, ar | 6 | 21 | 210 | 2.78577 | 0.01326 | 5 | lf, lp, yp | 3 | 6 | 15 | 0.47894 | 0.03192 |
| 8 | lf, yf, lp, yp, op, of | 6 | 21 | 210 | 2.84984 | 0.01357 | 50 | lc, yc, rc, re | 4 | 10 | 45 | 1.48842 | 0.03307 |
| 105 | qa, ya, sa, ti, oa, ta, da | 7 | 28 | 378 | 5.14063 | 0.01359 | 98 | od, os, en, dy | 4 | 10 | 45 | 1.49983 | 0.03332 |
| 61 | sy, dl, do, dd, dy, ty, ky | 7 | 28 | 378 | 5.18268 | 0.01371 | 35 | ty, ky, ko | 3 | 6 | 15 | 0.50166 | 0.03344 |
| 55 | lp, lf, sp, op, of, yp | 6 | 21 | 210 | 2.92084 | 0.01390 | 25 | yy, qo, yo, qe, qy | 5 | 15 | 105 | 3.62346 | 0.03450 |
| 126 | yt, ok, ot, rk, yk | 5 | 15 | 105 | 1.47249 | 0.01402 | 205 | Be, pe, fe, te | 4 | 10 | 45 | 1.57370 | 0.03497 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 79 | ti, ka, ta, sa, da, pa | 6 | 21 | 210 | 3.01069 | 0.01433 | 88 | tc, cB, ct, fs, mc | 5 | 15 | 105 | 3.69584 | 0.03519 |
| 68 | lp, lf, of, yp, op, qp | 6 | 21 | 210 | 3.06497 | 0.01459 | 84 | yt, ot, ks, dt | 4 | 10 | 45 | 1.63724 | 0.03638 |
| 13 | dp, ep, op, yp, lp, of | 6 | 21 | 210 | 3.07809 | 0.01465 | 182 | ok, lk, lt | 3 | 6 | 15 | 0.55209 | 0.03680 |
| 21 | aj, mg, cy, xo, xa, xy, iy, do | 8 | 36 | 630 | 9.35538 | 0.01484 | 172 | si, ny, xo, no, ni | 5 | 15 | 105 | 4.01785 | 0.03826 |
| 139 | ro, lo, ly, ry, ld, ls | 6 | 21 | 210 | 3.13022 | 0.01490 | 125 | mo, im, ir | 3 | 6 | 15 | 0.58855 | 0.03923 |
| 117 | ty, ky, tl, pd, td, kl, kd | 7 | 28 | 378 | 5.72997 | 0.01515 | 9 | xa, xo, mg | 3 | 6 | 15 | 0.58888 | 0.03925 |
| 162 | ko, po, to, so, do, el | 6 | 21 | 210 | 3.18969 | 0.01518 | 186 | os, od, ys | 3 | 6 | 15 | 0.60624 | 0.04041 |
| 100 | ig, si, nl, id, iy, in | 6 | 21 | 210 | 3.20472 | 0.01526 | 202 | ll, iy, sl | 3 | 6 | 15 | 0.63364 | 0.04224 |
| 128 | xo, xa, ox, ax, sl, iy, mg | 7 | 28 | 378 | 5.77222 | 0.01527 | 193 | fd, mg, do, xo | 4 | 10 | 45 | 1.92253 | 0.04272 |
| 4 | ty, tl, kl, kd, ko, ky | 6 | 21 | 210 | 3.27502 | 0.01559 | 38 | ox, ax, lx, rx | 4 | 10 | 45 | 1.93333 | 0.04296 |
| 169 | qk, yk, ok, ot, yt | 5 | 15 | 105 | 1.66646 | 0.01587 | 63 | ex, ox, mg, xo | 4 | 10 | 45 | 1.94920 | 0.04331 |
| 120 | do, to, so, yo, po, ko | 6 | 21 | 210 | 3.35110 | 0.01595 | 152 | ok, at, sk | 3 | 6 | 15 | 0.68566 | 0.04571 |
| 130 | lf, yp, lp, rp, of, op | 6 | 21 | 210 | 3.37584 | 0.01607 | 11 | ps, sf, op | 3 | 6 | 15 | 0.70032 | 0.04668 |
| 7 | oa, da, sa, ta, pa | 5 | 15 | 105 | 1.70658 | 0.01625 | 26 | ok, sk, ak | 3 | 6 | 15 | 0.76007 | 0.05067 |
| 33 | rc, lc, yc, sc, dc | 5 | 15 | 105 | 1.72697 | 0.01644 | 145 | ao, mg, xo | 3 | 6 | 15 | 0.80555 | 0.05370 |
| 211 | ko, to, ds, ky, ty, do | 6 | 21 | 210 | 3.46420 | 0.01649 | 64 | lc, rc, le | 3 | 6 | 15 | 0.80599 | 0.05373 |
| 46 | xo, sl, xa, mg, iy, sr, ip | 7 | 28 | 378 | 6.31666 | 0.01671 | 12 | qc, oc, ac | 3 | 6 | 15 | 0.83384 | 0.05558 |
| 161 | dl, rl, ty, ky, py, do | 6 | 21 | 210 | 3.51039 | 0.01671 | 174 | lf, qt, rf | 3 | 6 | 15 | 0.90416 | 0.06027 |
| 65 | om, or, ol, oy, os | 5 | 15 | 105 | 1.75949 | 0.01675 | 220 | il, iy, ri | 3 | 6 | 15 | 0.96111 | 0.06407 |
| 72 | da, ta, sa, pa, fa | 5 | 15 | 105 | 1.78783 | 0.01702 | 176 | sa, oi, ei | 3 | 6 | 15 | 1.09576 | 0.07305 |
| 191 | sm, dy, ky, ty, do, sy | 6 | 21 | 210 | 3.62554 | 0.01726 | 70 | ky, do, ty, dl, rl, dr | 6 | 21 | 210 | 3.65374 | 0.01739 |

Table 9.7: Consolidated Generator Statements for the Digraph Distribution Distance Hyperpyramids

| Formal Definition | Internal IDs of Participating Hyperpyramids |
|---|---|
| e[yoa \| e \| r]- **the e + vowel group** | 85, 214 |
| **[fptk] groups** | |
| e[fptk] | 62 |
| [fptk \| ds]y + d[yo \| lr] + [dr]l + [tkd]o + ts \| lq \| s[ym] | 32, 41, 52, 61, 70, 129, 161, 178, 191 |
| [fptk]e | 45, 89, 205 |
| [fptk \| dlrs \| o]a + do \| di \| [tk]i \| [qy]a | 7, 16, 34, 72, 79, 105, 121, 137, 149, 176 |
| [fptk \| dsly]o + [fptk]y + ta \| [pts][ao] \| el \| d[os] | 90, 120, 113, 162, 164, 177, 211, 221 |
| [qdsy]o + q[oey] + y[oy] | 25, 92 |
| **Initial or Final *c* Groups** | |
| c[fptk \| b] + [fptk \| dsy]c + fs \| cs \| de | 27,99, 96, 3, 88, 73, 53, 210 |
| [q \| ao \| e]c + q[oc] | 12, 148 |
| [lyrsd]c + [rl][ce] | 33, 50, 64 |
| **fptk-Last Division of Labor Groups** | |
| [yoedlrs]k + [aoyl]t | 97, 182 |
| [yoa \| e \| dl]p + o[pf] \| [yo]f | 13, 208 |
| [yol][fp] + ps \| [qrsde]p | 8, 55, 68, 130, 138 consolidated + #5 subgroup + 2 stragglers |
| [yo][tk] + l[kt] \| [qr]k \| dt + ks | 10, 84, 126, 169, 218 |
| **2 Others** | |
| [lr][yo \| d] + l[ods] | 47, 139, 201 |
| [tk][lyd] + pd \| k[yo] group | 4, 35, 117 |
| **Initial or Final *a* or *o* Groups** | |
| o[dlrsmg \| y] + e[drsg \| y] + sd \| y[rs] \| [ad]y \| e[ao \| n] | 19, 28, 43, 44, 65, 66, 71, 104, 133, 185, 186, 196, 197 |
| a[lrsm \| n] + [ao]r + o[rm] + y[dl] | 18, 42, 108, 112, 119, 157 |
| [os]k + a[tk] | 26, 152 |
| **i-Groups** | |
| l[yo \| drsmg] + r[y] + i[rsm] | 17, 49, 101, 114 |
| [lr]f + qt (a subset of the above) | |
| op + ps + sf (a subset of the above) | |
| i[yo \| k \| dg \| n] + n[yoa \| dl] – oo + it \| si \| rs \| [ls]l | 23, 57, 69, 76,100, 102, 150, 165, 192, 180, 202 |
| [ns]i + n[yi] + [xn]o (a subset of the i[yo \| k \| dg \| n] group above) | 172 |
| i[isrml] + [lr]y + mo \| ri | 29, 74, 125, 172, 220 |
| **x[ao] Groups** | |
| **the xa, xo, mg, iy group**<br>x[ao] + mg + iy +<br>ye \| cr \| bo \| co \| ge \| go \| yq \| xy \| my \| ag \| a[oe] \| oq \| ga + do \| [dm]g \| sr \| s[ls] \| sl + [ao]x \| s[lr] + ip \| s[lr] + rg + do \| do + ym + s[lo] \| [dq]o + q[ceoy] \| [ci]y + aj \| [dsx]o + fs + ob + [se]l | 1, 9, 15, 20, 21, 30, 46, 54, 58, 94, 110, 128, 131, 142, 143, 144, 147, 153, 155, 156, 159, 171 |
| **the xa, xo, mg, iy group without the iy**<br>x[ao] + mg + [ysd]m \| ym + tl \| ym + on \| [aeoq]c + q[ceo] + qy[o] | 39, 56, 109, 167; 9 is listed elsewhere but can be used as a subset here |
| **the xa, xo, mg, iy group**<br>x[yoa] + mg + iy + [dmx]o + [tc]y + rl | 2, 94, 21 |
| **4 Poorly Defined Subsets of the x[ao] Groups** | |
| [ax]o + mg | 145 |
| [ao \| lr]x | 38 |
| xo + mg + [eo]x | 63 |
| [xd]o + mg +fd | 193 |

Table 9.8: Generator Statements for the Trigraph Distribution Distance Hyperpyramids

| Hyper Pyramid # | Definition of the Highest-Ranking Cluster | Member Count | Point Count | Perimeter | Mean Perimeter Per Line |
|---|---|---|---|---|---|
| 12810 | koy, kom, tan, tyl, tar, pam, kar, tor, tal, tam, kor, kol, kal, tol | 14 | 105 | 10.69295 | 0.00195 |
| 12769 | yda, ola, ora, yka, yta, opa, lka, ala, ara, ota, oka, asa, aka | 13 | 91 | 15.05216 | 0.00367 |
| 12728 | dys, dpy, dls, kog, kog, mam, lls, kyt, lls, mam, tam, kos, kag | 13 | 87 | 14.60758 | 0.00390 |
| 12712 | oky, cto, koy, oty, tam, kos, tal, pam, tar, kom | 10 | 55 | 6.75159 | 0.00454 |
| 12819 | oyk, dyf, qcp, cck, sok, otl, qck, qyk, qct, tot, qok, qot | 12 | 78 | 16.18677 | 0.00539 |
| 12753 | olf, alf, kot, cck, qcp, qop, ork, alp, olp, qop, qof | 11 | 64 | 12.19008 | 0.00604 |
| 12865 | lar, lor, lal, lol, lod, rar, ral, rol, ram, rod | 10 | 55 | 8.99933 | 0.00606 |
| 12774 | por, sor, okl, dto, ykd | 8 | 31 | 3.46819 | 0.00745 |
| 12881 | pol, fol, qol, sol, kos, pal, okl | 7 | 28 | 4.40979 | 0.01166 |
| 12616 | alo, ald, aly, ary, ala, ara | 6 | 21 | 2.90521 | 0.01383 |
| 12789 | odc, ock, ocf, oct, ocp | 5 | 15 | 2.14427 | 0.02042 |

| | | | | | |
|---|---|---|---|---|---|
| Rare Letters and Polygraphs | | | | | |
| 12709 | gam, yly, sas, xor, dyr, gam | 10 | 44 | 9.05000 | 0.00956 |
| 12693 | odd, xar, dys, ofy, sdy, tyl | 8 | 24 | 3.99206 | 0.01446 |
| 12665 | olm, xar, xor, olm | 10 | 40 | 5.85000 | 0.0075 |

Table 9.9: Generator Statements for the Quadgraph Distribution Distance Hyperpyramids

| Hyper Pyramid | Definition of the Higher-Ranking Cluster | Member Count | Point Count | Perimeter | Mean Perimeter Per Line |
|---|---|---|---|---|---|
| 18657 | adam, odly, odky, olsy | 26 | 273 | 49.93750 | 0.00134 |
| 18954 | tary, kald, kool, kaly, lkam, kary, toly, kody, tody, taly, toky, kydy, lolo, pary | 14 | 105 | 8.41969 | 0.00154 |
| 18747 | okam, okyd, okan, ofol, otam, okar, toly, lkam, lolo, ykal, okor | 11 | 66 | 5.63130 | 0.00262 |
| 18693 | kodc, torc, kodc, torc, kodc, torc, kodc, torc, kodc, torc, oldc, kodc, torc, oldc, karc | 15 | 83 | 10.16071 | 0.00298 |
| 18780 | otyl, opas, ytas, opas, ytas, otyl, otyl, kalk, opas, sald, ytas, sald, kalk, ytod | 14 | 89 | 12.45658 | 0.00318 |
| 18835 | lkam, toly, taly, lolo, okan, okam, otor, okar, pary | 9 | 45 | 3.18755 | 0.00321 |
| 18777 | sosa, olka, qota, qoka, dasa, paro, rara, qoda, pora, loda, toda | 11 | 66 | 7.50717 | 0.00349 |
| 18864 | okom, alal, alor, aldy, ardy, aral, alam, alom, aram, alod | 10 | 55 | 6.83989 | 0.00460 |
| 18823 | yrol, qoyk, qolk, solk, otot, salk, qolt | 7 | 28 | 3.78938 | 0.01002 |
| 18718 | sasy, aran, kady, kory, toly, kary | 6 | 21 | 2.21825 | 0.01056 |
| 18895 | tory, tolg, tary | 3 | 6 | 0.29545 | 0.01969 |

Table 9.10: Prefix/Suffix Ratios for Words of Length > 2 Formed from [ao][tk | dlrsm]

| | f | p | t | k | d | l | r | s | m | n | y |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **a** | 1-5 | 2-1 | 6-1 | 11-0 | 9-9 | 95/393 | 507/60 | 3/59 | 11/234 | 0/56 | 16/0 |
| **o** | 69-5 | 175-5 | 476-8 | 409-8 | 58-107 | 302/438 | 404/96 | 23/151 | 1/88 | 0/3 | 63/15 |

Table 9.11: Counts of Single-Letter Words in Version #29

| Symbol | Word Count | Symbol | Word Count |
|---|---|---|---|
| s | 243 | k | 10 |
| y | 148 | x | 9 |
| r | 94 | t | 8 |
| o | 81 | v | 7 |
| l | 57 | f | 7 |
| d | 52 | c | 6 |
| g | 14 | e | 3 |
| p | 13 | n | 3 |
| m | 10 | a | 2 |

Table 9.12: Initial Estimates of Prefix and Suffix Candidates Serving as Digraphs, Trigraphs or Quadgraphs

| Prefixes | Digraphs | Trigraphs | Quadgraphs |
|---|---|---|---|
| Quadgraph | | | 157 |
| Trigraph or Quadgraph | | | 74 |
| Trigraph | | 129 | 59 |
| Indeterminate | 3 | 40 | 47 |
| Digraph | 85 | 41 | 13 |
| Quadgraph or Infix | | | 5 |
| Digraph or Quadgraph | | | 4 |
| Infix | 3 | 3 | 4 |
| Digraph or Trigraph | | 46 | 3 |
| Trigraph or Infix | | 13 | 2 |
| Infix or Digraph | 9 | 1 | 1 |
| Trigraph or Single Letter | | 5 | 0 |
| Single Letter | 5 | 3 | 0 |
| Single Letter or Digraph | 17 | 3 | 0 |
| Infix or Single Letter | 1 | 0 | 0 |
| | **123** | **284** | **369** |

| Suffixes | Digraphs | Trigraphs | Quadgraphs |
|---|---|---|---|
| Quadgraph | | | 95 |
| Trigraph | | 113 | 77 |
| Trigraph or Quadgraph | | | 35 |
| Indeterminate | 11 | 7 | 32 |
| Digraph | 52 | 54 | 30 |
| Digraph or Quadgraph | | | 13 |
| Digraph or Trigraph | | 40 | 4 |
| Trigraph or Single Letter | | 5 | 3 |
| Trigraph or Infix | | 2 | 1 |
| Quadgraph or Infix | | | 1 |
| Quadgraph or Single Letter | | | 1 |
| Infix | 11 | 0 | 0 |
| Single Letter | 10 | 6 | 0 |
| Infix or Digraph | 8 | 0 | 0 |
| Single Letter or Digraph | 7 | 2 | 0 |
| Infix or Single Letter | 4 | 0 | 0 |
| | **103** | **229** | **292** |

Table 9.13: Final Tally of Affix Types by Word Usage Counts

| Affix Type | Affix Type Count |
|---|---|
| Digraph and Compound Word | 2993 |
| Single Compound | 2455 |
| Trigraph and Compound Word | 1281 |
| Digraph | 679 |
| Double Compound and Compound Word | 586 |
| Trigraph | 440 |
| Double Compound | 239 |
| Quadgraph | 173 |
| Quadgraph and Compound Word | 92 |
| Trigraph or Quadgraph | 2 |
| | 8940 |

Table 9.14: Prevalence of Dual-Use Morphemes among the Highest-Ranked Prefix Candidates

| Adfix | Polygraph Count | Words Adfixed by this Polygraph | Adfix | Polygraph Count | Words Adfixed by this Polygraph |
|---|---|---|---|---|---|
| qo | 773 | 413 | oty | 52 | 18 |
| ol | 1483 | 239 | yd | 134 | 18 |
| ot | 829 | 233 | fo | 68 | 17 |
| ok | 970 | 189 | ka | 523 | 17 |
| qok | 257 | 139 | ra | 339 | 16 |
| op | 280 | 122 | os | 249 | 16 |
| qot | 167 | 104 | otar | 30 | 16 |
| yk | 286 | 95 | yko | 29 | 15 |
| so | 200 | 91 | yto | 36 | 15 |

| | | | | | |
|---|---|---|---|---|---|
| yt | 217 | 90 | opo | 53 | 15 |
| al | 1017 | 83 | alk | 54 | 15 |
| da | 1097 | 80 | yf | 25 | 15 |
| to | 336 | 71 | opal | 21 | 14 |
| or | 751 | 66 | yka | 55 | 14 |
| do | 249 | 62 | dk | 30 | 14 |
| po | 179 | 60 | lt | 73 | 14 |
| oto | 167 | 55 | alo | 107 | 14 |
| ko | 320 | 54 | lol | 76 | 13 |
| lk | 367 | 53 | oq | 21 | 13 |
| dal | 255 | 51 | oqo | 18 | 13 |
| olk | 206 | 49 | qoo | 19 | 12 |
| qop | 58 | 49 | dyt | 23 | 12 |
| ota | 142 | 46 | sor | 24 | 12 |
| lo | 318 | 46 | sok | 14 | 12 |
| of | 120 | 46 | aro | 92 | 12 |
| oka | 200 | 43 | lp | 30 | 11 |
| dy | 1214 | 42 | por | 27 | 11 |
| od | 883 | 41 | kod | 42 | 11 |
| oko | 149 | 41 | dor | 60 | 11 |
| qol | 46 | 40 | qk | 16 | 11 |
| ar | 867 | 39 | otor | 19 | 10 |
| yp | 60 | 37 | sot | 11 | 10 |
| pol | 61 | 37 | dl | 55 | 10 |
| sol | 46 | 31 | tod | 53 | 10 |
| sa | 215 | 31 | yta | 41 | 10 |
| ro | 254 | 28 | ll | 43 | 10 |
| dol | 79 | 28 | sar | 37 | 10 |
| otal | 48 | 27 | yl | 41 | 10 |
| qoko | 38 | 26 | ofa | 32 | 10 |
| tol | 96 | 26 | tal | 87 | 10 |
| okal | 66 | 25 | oy | 91 | 10 |
| dar | 226 | 25 | oro | 75 | 10 |
| qof | 27 | 24 | tar | 66 | 10 |
| qoka | 48 | 23 | old | 118 | 10 |
| otol | 47 | 23 | ara | 139 | 9 |
| opa | 64 | 23 | ld | 236 | 9 |
| qod | 25 | 21 | am | 266 | 9 |
| yo | 41 | 20 | rol | 68 | 9 |
| olo | 125 | 20 | ral | 87 | 9 |
| kol | 104 | 19 | ola | 100 | 9 |
| ta | 302 | 19 | ora | 114 | 9 |
| qoto | 31 | 19 | pa | 125 | 9 |
| olt | 48 | 19 | ak | 33 | 9 |
| okol | 50 | 19 | qota | 28 | 9 |
| sal | 51 | 19 | kor | 49 | 9 |
| oty | 52 | 18 | qolk | 12 | 9 |

Table 9.15: Prevalence of Dual-Use Morphemes among the Highest-Ranked Suffix Candidates

| Adfix | Polygraph Count | Words Adfixed by this Polygraph | Adfix | Polygraph Count | Words Adfixed by this Polygraph |
|---|---|---|---|---|---|
| dy | 1214 | 344 | oldy | 53 | 12 |
| ar | 867 | 229 | yl | 41 | 12 |
| al | 1017 | 198 | ram | 42 | 11 |
| ol | 1483 | 128 | sar | 37 | 11 |
| or | 751 | 128 | ror | 43 | 11 |
| am | 266 | 125 | alol | 27 | 11 |
| ly | 223 | 81 | ys | 33 | 11 |
| ky | 177 | 78 | ols | 53 | 11 |
| aly | 117 | 72 | kor | 49 | 11 |
| dar | 226 | 71 | rar | 65 | 11 |
| dal | 255 | 65 | oy | 91 | 11 |
| ody | 292 | 57 | aram | 24 | 11 |
| ldy | 104 | 56 | ro | 254 | 11 |
| ry | 137 | 47 | tol | 96 | 10 |
| ty | 124 | 37 | das | 25 | 10 |
| dam | 63 | 37 | alar | 20 | 10 |
| sy | 83 | 35 | kaly | 17 | 10 |
| kar | 94 | 34 | py | 47 | 10 |
| om | 95 | 33 | tor | 38 | 9 |
| ls | 103 | 32 | fy | 30 | 9 |
| ary | 54 | 32 | ady | 17 | 9 |
| an | 61 | 30 | ag | 19 | 9 |
| as | 102 | 30 | yky | 19 | 9 |
| kal | 131 | 28 | rody | 20 | 9 |
| lor | 61 | 28 | do | 249 | 9 |
| os | 249 | 27 | rdy | 20 | 8 |
| aldy | 38 | 24 | yr | 19 | 8 |
| ydy | 41 | 22 | lkal | 20 | 8 |
| lol | 76 | 22 | ldal | 17 | 8 |
| dol | 79 | 21 | lody | 17 | 8 |
| ld | 236 | 21 | tody | 12 | 8 |
| od | 883 | 21 | dan | 15 | 8 |
| tar | 66 | 18 | ad | 49 | 8 |
| lal | 55 | 18 | ald | 83 | 8 |
| dor | 60 | 18 | aro | 92 | 7 |

| | | | | | |
|---|---|---|---|---|---|
| oly | 78 | 17 | odar | 62 | 7 |
| lar | 44 | 17 | oky | 55 | 7 |
| yd | 134 | 17 | aral | 34 | 7 |
| kol | 104 | 17 | lam | 14 | 7 |
| ral | 87 | 16 | sam | 14 | 7 |
| ory | 49 | 16 | lr | 20 | 7 |
| daly | 23 | 16 | alal | 20 | 7 |
| lky | 22 | 15 | ko | 320 | 7 |
| dl | 55 | 15 | dom | 9 | 7 |
| da | 1097 | 15 | laly | 10 | 7 |
| lo | 318 | 14 | dody | 11 | 7 |
| als | 29 | 14 | sdy | 11 | 7 |
| alor | 20 | 14 | dydy | 11 | 6 |
| tam | 23 | 14 | ddy | 10 | 6 |
| kam | 26 | 13 | kody | 9 | 6 |
| tal | 87 | 13 | dary | 8 | 6 |
| rol | 68 | 13 | old | 118 | 6 |
| | | | ay | 20 | 6 |
| | | | far | 24 | 6 |
| | | | lkar | 15 | 6 |
| | | | yty | 16 | 6 |
| | | | sd | 26 | 6 |

Table 10.1: Breakdown of Phrase Counts by Length

| Length | Document Count | Distinct Count | Difference (Reused Phrases) | Length | Document Count | Distinct Count | Difference (Reused Phrases) |
|---|---|---|---|---|---|---|---|
| 2 | 36025 | 30771 | 5254 | 18 | 21460 | 21460 | 0 |
| 3 | 34920 | 34762 | 158 | 19 | 20656 | 20656 | 0 |
| 4 | 33900 | 33900 | 0 | 20-29 | 166280 | 166280 | 0 |
| 5 | 32919 | 32919 | 0 | 30-39 | 107728 | 107728 | 0 |
| 6 | 31963 | 31963 | 0 | 40-49 | 70772 | 70772 | 0 |
| 7 | 31023 | 31023 | 0 | 50-59 | 48533 | 48533 | 0 |
| 8 | 30087 | 30087 | 0 | 60-69 | 35122 | 35122 | 0 |
| 9 | 29170 | 29170 | 0 | 70-79 | 26265 | 26265 | 0 |
| 10 | 28257 | 28257 | 0 | 80-89 | 20424 | 20424 | 0 |
| 11 | 27363 | 27363 | 0 | 90-99 | 16290 | 16290 | 0 |
| 12 | 26489 | 26489 | 0 | 100-149 | 43437 | 43437 | 0 |
| 13 | 25626 | 25626 | 0 | 150-199 | 15725 | 15725 | 0 |
| 14 | 24773 | 24773 | 0 | 200-249 | 7364 | 7364 | 0 |
| 15 | 23924 | 23924 | 0 | 250-299 | 3675 | 3675 | 0 |
| 16 | 23094 | 23094 | 0 | 300-346 | 1176 | 1176 | 0 |
| 17 | 22271 | 22271 | 0 | | | | |

Table 10.2: Breakdown of Phrases by Count

| Phrase Count | # of Distinct Phrases with this Count, across All Lengths | # of Distinct Phrases with this Count for Length = 2 | % Accounted for by Length 2 | Phrase Count | # of Distinct Phrases with this Count, across All Lengths | # of Distinct Phrases with this Count for Length = 2 | % Accounted for by Length 2 |
|---|---|---|---|---|---|---|---|
| 1 | 1058666 | 28280 | 2.6714 | 13 | 3 | 3 | 100 |
| 2 | 1668 | 1538 | 92.206 | 14 | 3 | 3 | 100 |
| 3 | 444 | 435 | 97.973 | 17 | 3 | 3 | 100 |
| 4 | 197 | 195 | 98.985 | 18 | 3 | 3 | 100 |
| 5 | 88 | 87 | 98.864 | 19 | 2 | 2 | 100 |
| 6 | 60 | 60 | 100 | 20 | 2 | 2 | 100 |
| 7 | 49 | 49 | 100 | 21 | 3 | 3 | 100 |
| 8 | 40 | 40 | 100 | 23 | 1 | 1 | 100 |
| 9 | 25 | 25 | 100 | 26 | 1 | 1 | 100 |
| 10 | 18 | 18 | 100 | 32 | 1 | 1 | 100 |
| 11 | 12 | 12 | 100 | 33 | 1 | 1 | 100 |
| 12 | 8 | 8 | 100 | 52 | 1 | 1 | 100 |

Table 10.3: Top 50 Phrases for Lengths 2-3

| Phrases of Length 2 | Document-Wide Count | Phrases of Length 3 | Document-Wide Count |
|---|---|---|---|
| or aiin | 52 | ol cseedy qokedy | 5 |
| ceol daiin | 33 | ceey qol ceedy | 4 |
| s aiin | 32 | ol s aiin | 4 |
| ar al | 26 | ceedy qokeey qokeey | 3 |
| ar aiin | 23 | cseedy qokedy cseedy | 3 |
| cseedy qokedy | 21 | cseedy qokedy qokeedy | 3 |
| ol ceedy | 21 | cseeedy qokedy ceedy | 3 |
| ol cseedy | 21 | ol ceedy qokain | 3 |
| daiin daiin | 20 | or aiin okaiin | 3 |
| ol daiin | 20 | or aiin ol | 3 |
| ceedy qokeey | 19 | or or aiin | 3 |
| qol ceedy | 19 | r ol dain | 3 |
| ceedy qokain | 18 | aiin al y | 2 |
| cseedy qokaiin | 18 | aiin okal otal | 2 |
| cseey qokain | 18 | aiin or aiin | 2 |
| ceol ceol | 17 | aiin oteey qokaiin | 2 |
| cseedy qokeedy | 17 | al s air | 2 |
| qokeedy qokeedy | 17 | ar aiin okeey | 2 |
| ceedy qokedy | 14 | ar al s | 2 |
| daiin ceey | 14 | ar otar ytar | 2 |
| okar ar | 14 | ceaiin cectey cteo | 2 |
| daiin dal | 13 | cectey qokeedy qoky | 2 |
| ol aiin | 13 | ceedy ceol ceedy | 2 |

| | | | |
|---|---|---|---|
| qokal cseedy | 13 | ceedy okain ceey | 2 |
| ceedy qokaiin | 12 | ceedy qokaiin otaiin | 2 |
| cseedy qokeey | 12 | ceedy qokain ceckey | 2 |
| dy daiin | 12 | ceedy qokain ceectey | 2 |
| qokain ceedy | 12 | ceedy qol ceedy | 2 |
| qokain ol | 12 | ceeedy qokeedy otedy | 2 |
| qokal ceedy | 12 | ceeey ceey qokeey | 2 |
| qokedy qokeedy | 12 | ceeey daiin cseey | 2 |
| qokeey qokeey | 12 | ceey ol aiin | 2 |
| ceedy ceedy | 11 | ceey qokeedy qokedy | 2 |
| ceedy qol | 11 | ceey qokeey okeey | 2 |
| cseedy qokain | 11 | ceo s ceol | 2 |
| daiin ctey | 11 | ceoky ceol dam | 2 |
| or ar | 11 | ceol ceol ceol | 2 |
| or ol | 11 | ceol ceol kor | 2 |
| qokar cseedy | 11 | ceol cey ceaiin | 2 |
| qokedy ceedy | 11 | ceol cey cseol | 2 |
| qokedy qokedy | 11 | ceol daiin cekaiin | 2 |
| qokeedy qokedy | 11 | ceol daiin ctey | 2 |
| qokeey daiin | 11 | ceol daiin qotol | 2 |
| r aiin | 11 | ceor ceol daiin | 2 |
| aiin al | 10 | cey daiin ceey | 2 |
| aiin ol | 10 | cseeckey qokedy qokedy | 2 |
| ar ar | 10 | cseedy ceedy qol | 2 |
| ceedy qokar | 10 | cseedy ol cseedy | 2 |
| ceor daiin | 10 | cseedy qokaiin ceedy | 2 |
| cey daiin | 10 | cseedy qokain cseey | 2 |

Table 10.4: Phrases Repeated within the Same Text Sequences

| Phrase | Combined Count across Multi-Instance Text Sequences | Distinct Text Sequences with > 1 Instance | Phrase | Combined Count across Multi-Instance Text Sequences | Distinct Text Sequences with > 1 Instance | Phrase | Combined Count across Multi-Instance Text Sequences | Distinct Text Sequences with > 1 Instance |
|---|---|---|---|---|---|---|---|---|
| or aiin | 14 | 6 | ceo s | 2 | 1 | ol koldy | 2 | 1 |
| cseedy qokedy | 8 | 4 | ceol cseol | 2 | 1 | ol qokeedy | 2 | 1 |
| ol cseedy | 8 | 3 | ceol cteol | 2 | 1 | or aiiin | 2 | 1 |
| cseey qokain | 5 | 2 | cseedy ceedy | 2 | 1 | or ol | 2 | 1 |
| qol ceedy | 5 | 2 | cseedy qokaiin | 2 | 1 | or om | 2 | 1 |
| cseedy qokeedy | 4 | 2 | cseedy qokain | 2 | 1 | otar ol | 2 | 1 |
| cseedy qokeey | 4 | 2 | cseedy qokar | 2 | 1 | qodaiin ctey | 2 | 1 |
| d r | 4 | 1 | cseedy qoky | 2 | 1 | qokaiin olkeedy | 2 | 1 |
| o l | 4 | 1 | cseey kar | 2 | 1 | qokain ceectey | 2 | 1 |
| ol ceedy | 4 | 2 | cseo ceol | 2 | 1 | qokain cseckey | 2 | 1 |
| ol cseey | 4 | 2 | cseol ceol | 2 | 1 | qokain cseedy | 2 | 1 |
| qokain ceedy | 4 | 2 | ctey dy | 2 | 1 | qokain ol | 2 | 1 |
| qokal cseedy | 4 | 2 | daiin ceckey | 2 | 1 | qokal daiin | 2 | 1 |
| qoky pceedy | 4 | 2 | daiin ceey | 2 | 1 | qokal dar | 2 | 1 |
| r aiin | 4 | 2 | daiin cseody | 2 | 1 | qokal qokaiin | 2 | 1 |
| s aiin | 4 | 2 | dain ol | 2 | 1 | qokar okar | 2 | 1 |
| aiin al | 3 | 1 | dal lceedy | 2 | 1 | qokedy cseedy | 2 | 1 |
| qokaiin cseedy | 3 | 1 | dar ceedy | 2 | 1 | qokedy lceedy | 2 | 1 |
| qokain ceckey | 3 | 1 | dar cseedy | 2 | 1 | qokeedy lol | 2 | 1 |
| qokal ceedy | 3 | 1 | dor ceol | 2 | 1 | qokeedy qokal | 2 | 1 |
| qokar cseedy | 3 | 1 | l r | 2 | 1 | qokeey ceey | 2 | 1 |
| aiin okaiin | 2 | 1 | lcseey qol | 2 | 1 | qokeey daiin | 2 | 1 |
| ar aiin | 2 | 1 | o aiin | 2 | 1 | qokeey okain | 2 | 1 |
| ar ol | 2 | 1 | okain ceey | 2 | 1 | qokol ceedy | 2 | 1 |
| ar otar | 2 | 1 | okal ceedy | 2 | 1 | qokol ceol | 2 | 1 |
| ceckey daiin | 2 | 1 | okar ar | 2 | 1 | qoky daiin | 2 | 1 |
| cectey qokeedy | 2 | 1 | okar cedy | 2 | 1 | qol ceey | 2 | 1 |
| ceedy okedy | 2 | 1 | okees al | 2 | 1 | r al | 2 | 1 |
| ceedy ol | 2 | 1 | oky y | 2 | 1 | s ceol | 2 | 1 |
| ceedy qokal | 2 | 1 | ol ar | 2 | 1 | s cey | 2 | 1 |
| ceeor ceey | 2 | 1 | ol ceeol | 2 | 1 | s y | 2 | 1 |
| ceey qokain | 2 | 1 | ol ceor | 2 | 1 | sol cseedy | 2 | 1 |
| ceey qokey | 2 | 1 | ol daiin | 2 | 1 | sor ol | 2 | 1 |
| | | | ol kedy | 2 | 1 | tar aiin | 2 | 1 |
| | | | | | | | | |

Table 10.5: Counts of Missing Members for Spanning Pairs of Length 2 (Spanning Count = 0)

| 1st Digraph in the Following Word | Word Initiator Score | Document Counts of the 1st Digraph in the Following Word | Document Counts of the Last Digraph in the Prior Word | Missing Member Count |
|---|---|---|---|---|
| ce | 0.31616 | 11052 | 72 | 3 |
| cs | 0.51818 | 4611 | 77 | 3 |
| qo | 0.77875 | 5292 | 163 | 4 |
| da | 0.29895 | 4176 | 164 | 6 |
| ok | 0.18969 | 6230 | 244 | 7 |
| ot | 0.39476 | 3960 | 325 | 8 |
| yc | 0.70241 | 378 | 490 | 12 |
| yk | 0.61280 | 755 | 487 | 13 |
| sa | 0.45321 | 678 | 1102 | 15 |
| so | 0.55229 | 430 | 706 | 15 |

| Last Digraph in the Preceding Word | Terminator Score (Words) | Document Counts of the Last Digraph in the Prior Word | Document Counts of the 1st Digraph in the Next Word | Missing Member Count |
|---|---|---|---|---|
| dy | 0.77449 | 6676 | 161 | 4 |
| ey | 0.74596 | 6407 | 190 | 6 |
| in | 0.76003 | 6057 | 489 | 8 |
| ol | 0.32928 | 5212 | 264 | 8 |
| or | 0.50116 | 2487 | 708 | 15 |
| al | 0.35980 | 2908 | 852 | 15 |
| ar | 0.49931 | 2978 | 778 | 15 |
| am | 0.65048 | 707 | 2440 | 22 |
| ky | 0.64835 | 749 | 1696 | 22 |
| ly | 0.69977 | 521 | 2113 | 26 |
| es | 0.46287 | 571 | 3472 | 29 |

| | | | | |
|---|---|---|---|---|
| op | 0.44618 | 624 | 935 | 15 |
| dc | 0.62579 | 525 | 689 | 15 |
| ct | 0.30263 | 996 | 644 | 16 |
| yt | 0.62997 | 615 | 750 | 16 |
| lo | 0.03672 | 596 | 1055 | 18 |
| oc | 0.12526 | 723 | 1130 | 20 |
| lk | 0.19543 | 1092 | 1414 | 21 |
| ck | 0.03172 | 973 | 1789 | 21 |
| kc | 0.04430 | 1344 | 1684 | 21 |
| tc | 0.09790 | 1217 | 2340 | 21 |
| oa | 0.03571 | 292 | 2056 | 22 |
| sc | 0.58309 | 123 | 2779 | 22 |
| oe | 0.13468 | 629 | 1808 | 22 |
| ra | 0.03377 | 747 | 3179 | 23 |
| lc | 0.25276 | 1024 | 2190 | 23 |
| do | 0.33722 | 551 | 2042 | 23 |
| pc | 0.18121 | 848 | 2994 | 23 |
| yp | 0.65110 | 95 | 3356 | 26 |
| cp | 0.38683 | 232 | 3450 | 26 |
| fc | 0.16447 | 223 | 3975 | 28 |
| de | 0.12844 | 133 | 5695 | 28 |
| of | 0.40989 | 173 | 4210 | 28 |
| po | 0.40708 | 274 | 4602 | 29 |
| qc | 0.79959 | 23 | 6101 | 29 |
| cf | 0.19206 | 92 | 4438 | 30 |
| yo | 0.46632 | 45 | 6408 | 30 |
| yd | 0.09223 | 188 | 7357 | 30 |
| ya | 0.34477 | 23 | 13688 | 32 |
| qe | 0.75722 | 63 | 7928 | 32 |
| lp | 0.24693 | 40 | 10442 | 32 |
| lt | 0.12972 | 107 | 19111 | 33 |
| oq | 0.71349 | 23 | 8008 | 33 |
| qk | 0.74167 | 20 | 11638 | 34 |
| rc | 0.21533 | 179 | 16793 | 34 |
| dk | 0.44859 | 33 | 9248 | 34 |
| dl | 0.02870 | 63 | 16669 | 34 |
| lf | 0.05790 | 40 | 17662 | 34 |
| sk | 0.50750 | 20 | 10958 | 34 |
| yf | 0.52407 | 28 | 15555 | 34 |
| yr | 0.11369 | 20 | 16083 | 34 |
| yl | 0.10005 | 43 | 23005 | 35 |
| dd | 0.15167 | 25 | 29166 | 35 |
| ak | 0.11875 | 37 | 14390 | 35 |
| fo | 0.11077 | 74 | 20627 | 36 |
| ac | 0.13493 | 61 | 22261 | 36 |
| rk | 0.16702 | 20 | 20700 | 37 |
| td | 0.03811 | 23 | 25205 | 37 |
| cB | 0.34989 | 21 | 31798 | 38 |
| pd | 0.26634 | 32 | 32938 | 39 |

| | | | | |
|---|---|---|---|---|
| os | 0.51727 | 518 | 5496 | 29 |
| ty | 0.56245 | 481 | 2672 | 29 |
| ir | 0.53578 | 793 | 6002 | 30 |
| ry | 0.67919 | 286 | 3569 | 32 |
| om | 0.68434 | 179 | 8218 | 36 |
| oy | 0.53332 | 142 | 7336 | 36 |
| ls | 0.43986 | 157 | 9116 | 38 |
| py | 0.38312 | 73 | 11945 | 40 |
| an | 0.65276 | 121 | 9578 | 40 |
| sy | 0.64154 | 95 | 10831 | 42 |
| im | 0.64110 | 67 | 11367 | 43 |
| as | 0.39537 | 129 | 12169 | 44 |
| eg | 0.49057 | 44 | 11086 | 44 |
| el | 0.30199 | 79 | 15349 | 46 |
| dl | 0.20330 | 63 | 22293 | 46 |
| fy | 0.50114 | 31 | 21953 | 49 |
| ll | 0.21319 | 53 | 14549 | 49 |
| ys | 0.41676 | 40 | 21354 | 49 |
| er | 0.49589 | 58 | 20244 | 50 |
| is | 0.51027 | 61 | 16286 | 51 |
| kl | 0.36554 | 35 | 27049 | 51 |
| lr | 0.29863 | 26 | 21993 | 51 |
| ny | 0.76668 | 28 | 27271 | 52 |
| yr | 0.36369 | 20 | 35047 | 52 |
| sd | 0.19841 | 30 | 32209 | 53 |
| ay | 0.62880 | 21 | 21809 | 54 |
| yl | 0.14656 | 43 | 31843 | 54 |
| ag | 0.64762 | 22 | 47047 | 57 |
| no | 0.17033 | 27 | 37726 | 57 |

Table 10.6: Top 100 Most Interesting Absent Spanning Combinations

| Rank | Polygraph | | Sequence | Polygraph Counts | | Word-Level Scores | | Spanning | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | | 1 | 2 | Initiator | Terminator | Probability Difference | Score |
| 1 | qo | er | er qo | 5292 | 58 | 0.77875 | 0.49589 | -0.16448 | 0.23487 |
| 2 | sa | os | os sa | 678 | 518 | 0.45321 | 0.51727 | -0.01407 | 0.19003 |
| 3 | qo | yl | yl qo | 5292 | 43 | 0.77875 | 0.14656 | -0.16448 | 0.05132 |
| 4 | ce | ag | ag ce | 11052 | 22 | 0.31616 | 0.64762 | -0.17604 | 0.05011 |
| 5 | ot | el | el ot | 3960 | 79 | 0.39476 | 0.30199 | -0.06939 | 0.04203 |
| 6 | yt | sy | sy yt | 615 | 95 | 0.62997 | 0.64154 | -0.01452 | 0.04059 |
| 7 | qo | no | no qo | 5292 | 27 | 0.77875 | 0.17033 | -0.16448 | 0.03733 |
| 8 | yc | sy | sy yc | 378 | 95 | 0.70241 | 0.64154 | -0.00910 | 0.03072 |
| 9 | lc | om | om lc | 1024 | 179 | 0.25276 | 0.68434 | -0.01335 | 0.03062 |
| 10 | ot | ys | ys ot | 3960 | 40 | 0.39476 | 0.41676 | -0.06939 | 0.02908 |
| 11 | op | oy | oy op | 624 | 142 | 0.44618 | 0.53332 | -0.01088 | 0.02846 |
| 12 | ot | fy | fy ot | 3960 | 31 | 0.39476 | 0.50114 | -0.06939 | 0.02704 |
| 13 | ce | yr | yr ce | 11052 | 20 | 0.31616 | 0.36369 | -0.17604 | 0.02557 |
| 14 | ot | ag | ag ot | 3960 | 22 | 0.39476 | 0.64762 | -0.06939 | 0.02474 |
| 15 | so | as | as so | 430 | 129 | 0.55229 | 0.39537 | -0.00984 | 0.02273 |
| 16 | da | ys | ys da | 4176 | 40 | 0.29895 | 0.41676 | -0.06933 | 0.02199 |
| 17 | op | sy | sy op | 624 | 95 | 0.44618 | 0.64154 | -0.01088 | 0.02150 |
| 18 | yk | er | er yk | 755 | 58 | 0.61280 | 0.49589 | -0.01715 | 0.02053 |
| 19 | da | fy | fy da | 4176 | 31 | 0.29895 | 0.50114 | -0.06933 | 0.02045 |
| 20 | do | oy | oy do | 551 | 142 | 0.33722 | 0.53332 | -0.01004 | 0.02033 |
| 21 | oe | ty | ty oe | 629 | 481 | 0.13468 | 0.56245 | -0.00484 | 0.01962 |
| 22 | op | as | as op | 624 | 129 | 0.44618 | 0.39537 | -0.01088 | 0.01884 |
| 23 | lc | an | an lc | 1024 | 121 | 0.25276 | 0.65276 | -0.01335 | 0.01879 |
| 24 | da | ag | ag da | 4176 | 22 | 0.29895 | 0.64762 | -0.06933 | 0.01872 |
| 25 | lc | oy | oy lc | 1024 | 142 | 0.25276 | 0.53332 | -0.01335 | 0.01835 |
| 26 | ok | ny | ny ok | 6230 | 28 | 0.18969 | 0.76668 | -0.07056 | 0.01820 |
| 27 | yt | er | er yt | 615 | 58 | 0.62997 | 0.49589 | -0.01452 | 0.01815 |
| 28 | da | ay | ay da | 4176 | 21 | 0.29895 | 0.62880 | -0.06933 | 0.01734 |
| 29 | yt | el | el yt | 615 | 79 | 0.62997 | 0.30199 | -0.01452 | 0.01553 |
| 30 | yk | ny | ny yk | 755 | 28 | 0.61280 | 0.76668 | -0.01715 | 0.01475 |
| 31 | of | om | om of | 173 | 179 | 0.40989 | 0.68434 | -0.00227 | 0.01368 |
| 32 | do | as | as do | 551 | 129 | 0.33722 | 0.39537 | -0.01004 | 0.01343 |
| 33 | yt | eg | eg yt | 615 | 44 | 0.62997 | 0.49057 | -0.01452 | 0.01334 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 34 | yt | ny | ny yt | 615 | 28 | 0.62997 | 0.76668 | -0.01452 | 0.01294 |
| 35 | ot | yr | yr ot | 3960 | 20 | 0.39476 | 0.36369 | -0.06939 | 0.01262 |
| 36 | sa | py | py sa | 678 | 73 | 0.45321 | 0.38312 | -0.01407 | 0.01245 |
| 37 | lc | as | as lc | 1024 | 129 | 0.25276 | 0.39537 | -0.01335 | 0.01222 |
| 38 | ok | ag | ag ok | 6230 | 22 | 0.18969 | 0.64762 | -0.07056 | 0.01206 |
| 39 | oe | ry | ry oe | 629 | 286 | 0.13468 | 0.67919 | -0.00484 | 0.01161 |
| 40 | yp | sy | sy yp | 95 | 95 | 0.65110 | 0.64154 | -0.00224 | 0.01121 |
| 41 | so | py | py so | 430 | 73 | 0.55229 | 0.38312 | -0.00984 | 0.01121 |
| 42 | so | er | er so | 430 | 58 | 0.55229 | 0.49589 | -0.00984 | 0.01119 |
| 43 | of | ry | ry of | 173 | 286 | 0.40989 | 0.67919 | -0.00227 | 0.01108 |
| 44 | ot | yl | yl ot | 3960 | 43 | 0.39476 | 0.14656 | -0.06939 | 0.01100 |
| 45 | po | ly | ly po | 274 | 521 | 0.40708 | 0.69977 | -0.00143 | 0.01073 |
| 46 | sa | el | el sa | 678 | 79 | 0.45321 | 0.30199 | -0.01407 | 0.01070 |
| 47 | yp | an | an yp | 95 | 121 | 0.65110 | 0.65276 | -0.00224 | 0.01018 |
| 48 | yk | ag | ag yk | 755 | 22 | 0.61280 | 0.64762 | -0.01715 | 0.00971 |
| 49 | yc | eg | eg yc | 378 | 44 | 0.70241 | 0.49057 | -0.00910 | 0.00970 |
| 50 | op | er | er op | 624 | 58 | 0.44618 | 0.49589 | -0.01088 | 0.00962 |
| 51 | da | yr | yr da | 4176 | 20 | 0.29895 | 0.36369 | -0.06933 | 0.00955 |
| 52 | of | ly | ly of | 173 | 521 | 0.40989 | 0.69977 | -0.00227 | 0.00947 |
| 53 | yc | ny | ny yc | 378 | 28 | 0.70241 | 0.76668 | -0.00910 | 0.00929 |
| 54 | yk | ay | ay yk | 755 | 21 | 0.61280 | 0.62880 | -0.01715 | 0.00899 |
| 55 | po | ky | ky po | 274 | 749 | 0.40708 | 0.64835 | -0.00143 | 0.00890 |
| 56 | po | ty | ty po | 274 | 481 | 0.40708 | 0.56245 | -0.00143 | 0.00887 |
| 57 | of | am | am of | 173 | 707 | 0.40989 | 0.65048 | -0.00227 | 0.00823 |
| 58 | op | el | el op | 624 | 79 | 0.44618 | 0.30199 | -0.01088 | 0.00823 |
| 59 | of | ky | ky of | 173 | 749 | 0.40989 | 0.64835 | -0.00227 | 0.00811 |
| 60 | ot | no | no ot | 3960 | 27 | 0.39476 | 0.17033 | -0.06939 | 0.00799 |
| 61 | yp | ry | ry yp | 95 | 286 | 0.65110 | 0.67919 | -0.00224 | 0.00791 |
| 62 | of | an | an of | 173 | 121 | 0.40989 | 0.65276 | -0.00227 | 0.00789 |
| 63 | yt | ay | ay yt | 615 | 21 | 0.62997 | 0.62880 | -0.01452 | 0.00787 |
| 64 | yp | oy | oy yp | 95 | 142 | 0.65110 | 0.53332 | -0.00224 | 0.00778 |
| 65 | po | om | om po | 274 | 179 | 0.40708 | 0.68434 | -0.00143 | 0.00743 |
| 66 | yc | ys | ys yc | 378 | 40 | 0.70241 | 0.41676 | -0.00910 | 0.00742 |
| 67 | of | os | os of | 173 | 518 | 0.40989 | 0.51727 | -0.00227 | 0.00701 |
| 68 | po | es | es po | 274 | 571 | 0.40708 | 0.46287 | -0.00143 | 0.00688 |
| 69 | op | ny | ny op | 624 | 28 | 0.44618 | 0.76668 | -0.01088 | 0.00686 |
| 70 | do | er | er do | 551 | 58 | 0.33722 | 0.49589 | -0.01004 | 0.00678 |
| 71 | do | py | py do | 551 | 73 | 0.33722 | 0.38312 | -0.01004 | 0.00676 |
| 72 | sa | fy | fy sa | 678 | 31 | 0.45321 | 0.50114 | -0.01407 | 0.00653 |
| 73 | lc | er | er lc | 1024 | 58 | 0.25276 | 0.49589 | -0.01335 | 0.00646 |
| 74 | yp | am | am yp | 95 | 707 | 0.65110 | 0.65048 | -0.00224 | 0.00645 |
| 75 | so | ys | ys so | 430 | 40 | 0.55229 | 0.41676 | -0.00984 | 0.00624 |
| 76 | yc | ag | ag yc | 378 | 22 | 0.70241 | 0.64762 | -0.00910 | 0.00607 |
| 77 | qe | sy | sy qe | 63 | 95 | 0.75722 | 0.64154 | -0.00188 | 0.00604 |
| 78 | yp | as | as yp | 95 | 129 | 0.65110 | 0.39537 | -0.00224 | 0.00600 |
| 79 | ra | es | es ra | 747 | 571 | 0.03377 | 0.46287 | -0.00598 | 0.00593 |
| 80 | sa | ag | ag sa | 678 | 22 | 0.45321 | 0.64762 | -0.01407 | 0.00591 |
| 81 | yp | ty | ty yp | 95 | 481 | 0.65110 | 0.56245 | -0.00224 | 0.00588 |
| 82 | do | el | el do | 551 | 79 | 0.33722 | 0.30199 | -0.01004 | 0.00582 |
| 83 | ra | os | os ra | 747 | 518 | 0.03377 | 0.51727 | -0.00598 | 0.00577 |
| 84 | so | fy | fy so | 430 | 31 | 0.55229 | 0.50114 | -0.00984 | 0.00571 |
| 85 | qe | an | an qe | 63 | 121 | 0.75722 | 0.65276 | -0.00188 | 0.00562 |
| 86 | yc | ay | ay yc | 378 | 21 | 0.70241 | 0.62880 | -0.00910 | 0.00561 |
| 87 | of | sy | sy of | 173 | 95 | 0.40989 | 0.64154 | -0.00227 | 0.00554 |
| 88 | sa | ay | ay sa | 678 | 21 | 0.45321 | 0.62880 | -0.01407 | 0.00547 |
| 89 | ok | yl | yl ok | 6230 | 43 | 0.18969 | 0.14656 | -0.07056 | 0.00535 |
| 90 | yp | os | os yp | 95 | 518 | 0.65110 | 0.51727 | -0.00224 | 0.00535 |
| 91 | qe | om | om qe | 63 | 179 | 0.75722 | 0.68434 | -0.00188 | 0.00524 |
| 92 | of | as | as of | 173 | 129 | 0.40989 | 0.39537 | -0.00227 | 0.00523 |
| 93 | so | ag | ag so | 430 | 22 | 0.55229 | 0.64762 | -0.00984 | 0.00513 |
| 94 | do | eg | eg do | 551 | 44 | 0.33722 | 0.49057 | -0.01004 | 0.00497 |
| 95 | qe | er | er qe | 63 | 58 | 0.75722 | 0.49589 | -0.00188 | 0.00497 |
| 96 | yk | yr | yr yk | 755 | 20 | 0.61280 | 0.36369 | -0.01715 | 0.00494 |
| 97 | do | ny | ny do | 551 | 28 | 0.33722 | 0.76668 | -0.01004 | 0.00481 |
| 98 | lc | eg | eg lc | 1024 | 44 | 0.25276 | 0.49057 | -0.01335 | 0.00479 |
| 99 | so | ay | ay so | 430 | 21 | 0.55229 | 0.62880 | -0.00984 | 0.00474 |
| 100 | qe | ry | ry qe | 63 | 286 | 0.75722 | 0.67919 | -0.00188 | 0.00469 |

Table 10.7: Spanning Counts among Identical Pairs of Selected Symbols

| Symbol | Sequence | Conditional Probability | Expected Probability | Spanning Count | Symbol | Sequence | Conditional Probability | Expected Probability | Spanning Count |
|---|---|---|---|---|---|---|---|---|---|
| y | y y | 0.00039 | 0.10281 | 361 | i | i i | 0.40264 | 0.06838 | 0 |
| l | l l | 0.00496 | 0.06157 | 147 | j | j j | 0 | 0.00003 | 0 |
| o | o o | 0.00336 | 0.15072 | 105 | k | k k | 0 | 0.06388 | 0 |
| d | d d | 0.00196 | 0.07615 | 39 | f | f f | 0 | 0.00307 | 0 |
| s | s s | 0.00093 | 0.04328 | 26 | c | c c | 0.00033 | 0.10362 | 0 |
| r | r r | 0 | 0.04400 | 18 | t | t t | 0 | 0.04049 | 0 |
| a | a a | 0.00006 | 0.08451 | 4 | p | p p | 0 | 0.00975 | 0 |
| e | e e | 0.35105 | 0.21982 | 3 | q | q q | 0 | 0.03135 | 0 |
| g | g g | 0.00671 | 0.00087 | 1 | m | m m | 0 | 0.00638 | 0 |
| | | | | | n | n n | 0 | 0.03571 | 0 |

Table 10.8: Spanning Counts among Heterogeneous Pairs of Selected Symbols

| Symbols | | Sequence | Conditional Probabilities | | Expected Probability | Symbols | | Sequence | Conditional Probabilities | | Expected Probability |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | | 1 | 2 | | 1 | 2 | | 1 | 2 | |
| a | e | a e | 0.00102 | 0.08325 | 0.21982 | k | f | k f | 0 | 0 | 0.00307 |
| a | f | a f | 0.00027 | 0.00627 | 0.00307 | k | m | k m | 0 | 0 | 0.00638 |
| a | g | a g | 0.00156 | 0.00068 | 0.00087 | k | p | k p | 0 | 0.00009 | 0.00975 |
| a | m | a m | 0.05405 | 0.00068 | 0.00638 | k | s | k s | 0.00099 | 0.00180 | 0.04328 |
| a | p | a p | 0.00040 | 0.01426 | 0.00975 | k | t | k t | 0 | 0.00009 | 0.04049 |
| a | s | a s | 0.00907 | 0.04640 | 0.04328 | m | f | m f | 0 | 0 | 0.00307 |
| a | t | a t | 0.00088 | 0.10857 | 0.04049 | m | g | m g | 0.00270 | 0 | 0.00087 |
| d | e | d e | 0.00999 | 0.47005 | 0.21982 | o | m | o m | 0.00773 | 0.00053 | 0.00638 |
| d | g | d g | 0.00083 | 0.00015 | 0.00087 | p | e | p e | 0.12861 | 0.06843 | 0.21982 |
| d | m | d m | 0.00045 | 0.00060 | 0.00638 | p | f | p f | 0 | 0 | 0.00307 |
| e | g | e g | 0.00112 | 0.00007 | 0.00087 | p | g | p g | 0 | 0 | 0.00087 |
| e | m | e m | 0.00036 | 0 | 0.00638 | p | k | p k | 0.00058 | 0 | 0.06388 |
| e | p | e p | 0.00304 | 0.00571 | 0.00975 | p | l | p l | 0 | 0.02359 | 0.06157 |
| f | d | f d | 0.00941 | 0.00188 | 0.07615 | p | m | p m | 0 | 0 | 0.00638 |
| f | e | f e | 0.15254 | 0.11299 | 0.21982 | p | q | p q | 0 | 0.00117 | 0.03135 |
| f | g | f g | 0 | 0 | 0.00087 | p | r | p r | 0 | 0.00117 | 0.04400 |
| f | k | f k | 0 | 0 | 0.06388 | p | s | p s | 0.00117 | 0.00117 | 0.04328 |
| f | l | f l | 0 | 0.07532 | 0.06157 | p | t | p t | 0 | 0 | 0.04049 |
| f | m | f m | 0 | 0 | 0.00638 | s | m | s m | 0.00040 | 0.00013 | 0.00638 |
| f | o | f o | 0.13935 | 0.32580 | 0.15072 | t | e | t e | 0.39450 | 0.04616 | 0.21982 |
| f | r | f r | 0 | 0.00564 | 0.04400 | t | f | t f | 0 | 0 | 0.00307 |
| f | t | f t | 0 | 0 | 0.04049 | t | g | t g | 0.00014 | 0 | 0.00087 |
| g | e | g e | 0.02013 | 0.28859 | 0.21982 | t | k | t k | 0.00014 | 0 | 0.06388 |
| g | k | g k | 0 | 0.00671 | 0.06388 | t | m | t m | 0 | 0 | 0.00638 |
| g | l | g l | 0.01342 | 0.13422 | 0.06157 | t | p | t p | 0 | 0 | 0.00975 |
| | | | | | | t | s | t s | 0.00071 | 0.00014 | 0.04328 |

Table 10.9: Top 20 Spanning Adfix Pairs across 2 Words for Each Combination Type

| 1st Word Adfix | 2nd Word Adfix | Group Count | % | 1st Word Adfix | 2nd Word Adfix | Group Count | % |
|---|---|---|---|---|---|---|---|
| **1st Word Prefix + 2nd Word Prefix** | | | | **1st Word Prefix + 2nd Word Suffix** | | | |
| ce | ce | 1036 | 3.497 | qo | dy | 1196 | 4.038 |
| qo | qo | 999 | 3.372 | ce | in | 1004 | 3.389 |
| qo | ce | 982 | 3.315 | ce | ey | 945 | 3.190 |
| cs | qo | 902 | 3.045 | qo | ey | 890 | 3.005 |
| ce | qo | 834 | 2.815 | ce | dy | 817 | 2.758 |
| qo | cs | 503 | 1.698 | qo | in | 771 | 2.603 |
| ce | da | 423 | 1.428 | cs | dy | 649 | 2.191 |
| ok | ce | 403 | 1.360 | cs | ey | 583 | 1.968 |
| da | ce | 393 | 1.327 | cs | in | 502 | 1.695 |
| cs | ce | 350 | 1.182 | ce | ol | 477 | 1.610 |
| ce | ok | 344 | 1.161 | ok | dy | 457 | 1.543 |
| qo | ok | 343 | 1.158 | qo | ol | 440 | 1.485 |
| ce | cs | 341 | 1.151 | ot | dy | 382 | 1.290 |
| ce | ot | 329 | 1.111 | da | ey | 353 | 1.192 |
| cs | cs | 325 | 1.097 | ok | ey | 352 | 1.188 |
| ot | ce | 316 | 1.067 | ce | ar | 349 | 1.178 |
| qo | ot | 315 | 1.063 | ot | in | 343 | 1.158 |
| ok | qo | 294 | 0.993 | ok | in | 331 | 1.117 |
| qo | da | 277 | 0.935 | da | dy | 310 | 1.047 |
| ot | ot | 271 | 0.915 | cs | ol | 305 | 1.030 |
| **1st Word Suffix + 2nd Word Prefix** | | | | **1st Word Suffix + 2nd Word Suffix** | | | |
| dy | qo | 1959 | 6.613 | dy | dy | 1834 | 6.191 |
| ey | qo | 1338 | 4.517 | ey | ey | 1270 | 4.287 |
| in | ce | 1306 | 4.409 | in | ey | 1083 | 3.656 |
| dy | ce | 751 | 2.535 | ey | in | 1049 | 3.541 |
| in | cs | 713 | 2.407 | dy | ey | 933 | 3.150 |
| ey | ce | 667 | 2.252 | ey | dy | 895 | 3.021 |
| ol | ce | 616 | 2.080 | in | in | 888 | 2.998 |
| in | ok | 479 | 1.617 | dy | in | 843 | 2.846 |
| in | ot | 478 | 1.614 | in | dy | 830 | 2.802 |
| dy | ot | 448 | 1.512 | ey | ol | 504 | 1.701 |
| in | qo | 444 | 1.499 | ol | dy | 466 | 1.573 |
| ey | da | 440 | 1.485 | ol | in | 457 | 1.543 |
| or | ce | 411 | 1.387 | ol | ey | 445 | 1.502 |
| dy | ok | 398 | 1.344 | ol | ol | 430 | 1.452 |
| ar | ce | 377 | 1.273 | dy | ol | 424 | 1.431 |
| ey | ok | 368 | 1.242 | dy | ar | 393 | 1.327 |
| dy | cs | 350 | 1.182 | in | ol | 374 | 1.263 |
| ey | ot | 334 | 1.128 | ar | dy | 362 | 1.222 |
| ol | cs | 333 | 1.124 | al | dy | 357 | 1.205 |
| al | ce | 301 | 1.016 | in | ar | 354 | 1.195 |

Table 10.10: Instances of Identical Consecutive Single Letters at Paragraph Ends

| Symbol | Text Sequence Ending Count | Consecutive Endings | % | Symbol | Text Sequence Ending Count | Consecutive Endings | % |
|---|---|---|---|---|---|---|---|
| y | 860 | 193 | 22.442 | a | 18 | 0 | 0 |
| n | 241 | 44 | 18.257 | e | 14 | 0 | 0 |
| r | 233 | 35 | 15.021 | k | 4 | 0 | 0 |
| l | 232 | 27 | 11.638 | f | 2 | 0 | 0 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| s | 74 | 4 | 5.405 | t | 2 | 0 | 0 |
| m | 149 | 6 | 4.027 | b | 1 | 0 | 0 |
| d | 46 | 1 | 2.174 | j | 1 | 0 | 0 |
| g | 37 | 0 | 0 | i | 0 | 0 | 0 |
| o | 36 | 0 | 0 | p | 0 | 0 | 0 |

Table 10.11: Probabilities of Consecutive Single Letters at Paragraph Ends

| Last Symbol | Next-to-Last Symbol | Consecutive Ending Count | Symbol Conditional Probability 2 | Expected Probability | Terminator Scores | | Conditional Probabilities | |
|---|---|---|---|---|---|---|---|---|
| | | | | | 1 | 2 | Consecutive Endings | Difference |
| y | n | 81 | 0.00157 | 0.03571 | 0.68007 | 0.79106 | 0.07086 | 0.03514 |
| y | r | 75 | 0.01671 | 0.04400 | 0.68007 | 0.57418 | 0.06561 | 0.02161 |
| y | l | 77 | 0.02994 | 0.06157 | 0.68007 | 0.36511 | 0.06736 | 0.00579 |
| y | g | 3 | 0.00061 | 0.00087 | 0.68007 | 0.59226 | 0.00262 | 0.00174 |
| g | j | 0 | 0 | 0.00003 | 0.59226 | 0.14036 | 0 | -0.00003 |
| l | j | 0 | 0 | 0.00003 | 0.36511 | 0.14036 | 0 | -0.00003 |
| m | j | 0 | 0 | 0.00003 | 0.75919 | 0.14036 | 0 | -0.00003 |
| n | j | 0 | 0 | 0.00003 | 0.79106 | 0.14036 | 0 | -0.00003 |
| r | j | 0 | 0 | 0.00003 | 0.57418 | 0.14036 | 0 | -0.00003 |
| y | j | 0 | 0.00005 | 0.00003 | 0.68007 | 0.14036 | 0 | -0.00003 |
| j | g | 0 | 0 | 0.00087 | 0.14036 | 0.59226 | 0 | -0.00087 |
| l | g | 0 | 0.00018 | 0.00087 | 0.36511 | 0.59226 | 0 | -0.00087 |
| m | g | 0 | 0 | 0.00087 | 0.75919 | 0.59226 | 0 | -0.00087 |
| n | g | 0 | 0 | 0.00087 | 0.79106 | 0.59226 | 0 | -0.00087 |
| r | g | 0 | 0 | 0.00087 | 0.57418 | 0.59226 | 0 | -0.00087 |
| n | m | 5 | 0 | 0.00638 | 0.79106 | 0.75919 | 0.00437 | -0.00200 |
| y | m | 3 | 0.00050 | 0.00638 | 0.68007 | 0.75919 | 0.00262 | -0.00375 |
| r | m | 1 | 0.00013 | 0.00638 | 0.57418 | 0.75919 | 0.00087 | -0.00550 |
| g | m | 0 | 0.02013 | 0.00638 | 0.59226 | 0.75919 | 0 | -0.00638 |
| j | m | 0 | 0 | 0.00638 | 0.14036 | 0.75919 | 0 | -0.00638 |
| l | m | 0 | 0 | 0.00638 | 0.36511 | 0.75919 | 0 | -0.00638 |
| n | r | 34 | 0.00032 | 0.04400 | 0.79106 | 0.57418 | 0.02974 | -0.01425 |
| m | n | 24 | 0.00090 | 0.03571 | 0.75919 | 0.79106 | 0.02099 | -0.01472 |
| r | n | 22 | 0.00013 | 0.03571 | 0.57418 | 0.79106 | 0.01924 | -0.01647 |
| l | r | 26 | 0.00149 | 0.04400 | 0.36511 | 0.57418 | 0.02274 | -0.02125 |
| l | n | 15 | 0.00018 | 0.03571 | 0.36511 | 0.79106 | 0.01312 | -0.02259 |
| m | r | 23 | 0.00090 | 0.04400 | 0.75919 | 0.57418 | 0.02012 | -0.02388 |
| n | l | 39 | 0 | 0.06157 | 0.79106 | 0.36511 | 0.03412 | -0.02745 |
| g | n | 0 | 0.00671 | 0.03571 | 0.59226 | 0.79106 | 0 | -0.03571 |
| j | n | 0 | 0 | 0.03571 | 0.14036 | 0.79106 | 0 | -0.03571 |

Table 10.12: Paragraph-Spanning Symbol Combinations

| Last Symbol | 1st Symbol | Spanning Count | Non Spanning Count | Spanning Conditional Probability | Spanning Score |
|---|---|---|---|---|---|
| y | p | 120 | 117 | 0.21778 | 0.975 |
| s | p | 7 | 6 | 0.01270 | 0.85714 |
| l | p | 17 | 21 | 0.03085 | 0.80952 |
| r | p | 25 | 19 | 0.04537 | 0.76 |
| n | f | 10 | 7 | 0.01814 | 0.7 |
| n | t | 30 | 54 | 0.05444 | 0.55555 |
| s | t | 5 | 13 | 0.00907 | 0.38461 |
| n | k | 13 | 34 | 0.02359 | 0.38235 |
| m | k | 3 | 9 | 0.00544 | 0.33333 |
| r | t | 13 | 39 | 0.02359 | 0.33333 |
| n | p | 53 | 15 | 0.09618 | 0.28301 |
| m | t | 14 | 51 | 0.02540 | 0.27450 |
| s | k | 2 | 9 | 0.00362 | 0.22222 |
| m | p | 24 | 5 | 0.04355 | 0.20833 |
| d | k | 1 | 5 | 0.00181 | 0.2 |
| y | t | 59 | 465 | 0.10707 | 0.12688 |
| r | f | 1 | 8 | 0.00181 | 0.125 |
| g | c | 1 | 9 | 0.00181 | 0.11111 |
| y | f | 4 | 38 | 0.00725 | 0.10526 |
| l | t | 11 | 121 | 0.01996 | 0.09090 |
| g | q | 1 | 11 | 0.00181 | 0.09090 |
| r | k | 4 | 52 | 0.00725 | 0.07692 |
| o | p | 1 | 14 | 0.00181 | 0.07142 |
| l | f | 1 | 15 | 0.00181 | 0.06666 |
| o | t | 2 | 35 | 0.00362 | 0.05714 |
| m | y | 6 | 126 | 0.01088 | 0.04761 |
| d | s | 1 | 24 | 0.00181 | 0.04166 |
| s | s | 1 | 28 | 0.00181 | 0.03571 |
| s | q | 2 | 64 | 0.00362 | 0.03125 |
| y | k | 16 | 527 | 0.02903 | 0.03036 |
| m | s | 3 | 99 | 0.00544 | 0.03030 |
| m | q | 2 | 80 | 0.00362 | 0.025 |
| m | d | 3 | 145 | 0.00544 | 0.02068 |

| Last Symbol | 1st Symbol | Spanning Count | Non Spanning Count | Spanning Conditional Probability | Spanning Score |
|---|---|---|---|---|---|
| s | d | 1 | 56 | 0.00181 | 0.01785 |
| n | q | 6 | 469 | 0.01088 | 0.01279 |
| o | d | 2 | 162 | 0.00362 | 0.01234 |
| o | k | 1 | 91 | 0.00181 | 0.01098 |
| r | s | 1 | 95 | 0.00181 | 0.01052 |
| y | s | 5 | 568 | 0.00907 | 0.00880 |
| n | y | 3 | 341 | 0.00544 | 0.00879 |
| l | q | 4 | 482 | 0.00725 | 0.00829 |
| o | o | 1 | 121 | 0.00181 | 0.00826 |
| n | s | 1 | 146 | 0.00181 | 0.00684 |
| y | y | 4 | 591 | 0.00725 | 0.00676 |
| n | d | 3 | 469 | 0.00544 | 0.00639 |
| l | k | 2 | 326 | 0.00362 | 0.00613 |
| m | c | 1 | 167 | 0.00181 | 0.00598 |
| m | o | 1 | 191 | 0.00181 | 0.00523 |
| l | s | 1 | 201 | 0.00181 | 0.00497 |
| l | l | 1 | 204 | 0.00181 | 0.00490 |
| y | d | 7 | 1571 | 0.01270 | 0.00445 |
| y | q | 13 | 3705 | 0.02359 | 0.00350 |
| y | o | 9 | 2895 | 0.01633 | 0.00310 |
| l | d | 2 | 753 | 0.00362 | 0.00265 |
| l | o | 2 | 1100 | 0.00362 | 0.00181 |
| r | c | 3 | 1900 | 0.00544 | 0.00157 |
| l | c | 3 | 1945 | 0.00544 | 0.00154 |
| y | c | 4 | 2964 | 0.00725 | 0.00134 |
| n | o | 2 | 1717 | 0.00362 | 0.00116 |
| n | c | 2 | 2284 | 0.00362 | 0.00087 |
| **High Scores but Low Counts for Both** | | | | | |
| t | k | 1 | 1 | 0.00181 | 1 |
| d | p | 1 | 1 | 0.00181 | 1 |
| c | t | 1 | 1 | 0.00181 | 1 |
| d | f | 1 | 2 | 0.00181 | 0.5 |
| s | f | 1 | 2 | 0.00181 | 0.5 |
| g | f | 1 | 3 | 0.00181 | 0.33333 |
| m | r | 1 | 4 | 0.00181 | 0.25 |

Table 10.13: Likelihood of Symbol Combinations for Consecutive Words at the Beginnings of Paragraphs

| 1st Symbol | 2nd Symbol | Spanning Count | Non Spanning Count | All Consecutive Count | All Consecutives Share | 1st Symbol | 2nd Symbol | Spanning Count | Non Spanning Count | All Consecutive Count | All Consecutives Share |
|---|---|---|---|---|---|---|---|---|---|---|---|
| [fptk] + [dlrsy] | | | | | | [fptk] + [fptk] | | | | | |
| p | l | 12 | 5 | 17 | 0.70588 | p | f | 2 | 1 | 3 | 0.66666 |
| p | d | 24 | 11 | 35 | 0.68571 | t | f | 2 | 1 | 3 | 0.66666 |
| p | s | 3 | 5 | 8 | 0.375 | f | k | 2 | 1 | 3 | 0.66666 |
| f | l | 1 | 2 | 3 | 0.33333 | f | t | 2 | 1 | 3 | 0.66666 |
| f | s | 1 | 2 | 3 | 0.33333 | p | k | 17 | 13 | 30 | 0.56666 |
| f | y | 2 | 5 | 7 | 0.28571 | p | p | 4 | 6 | 10 | 0.4 |
| p | y | 5 | 13 | 18 | 0.27777 | k | f | 2 | 3 | 5 | 0.4 |
| f | d | 3 | 8 | 11 | 0.27272 | p | t | 3 | 8 | 11 | 0.27272 |
| t | l | 5 | 29 | 34 | 0.14705 | t | k | 5 | 27 | 32 | 0.15625 |
| t | y | 5 | 34 | 39 | 0.12820 | t | p | 1 | 6 | 7 | 0.14285 |
| t | d | 10 | 73 | 83 | 0.12048 | k | p | 1 | 10 | 11 | 0.09090 |
| t | s | 2 | 23 | 25 | 0.08 | k | k | 3 | 33 | 36 | 0.08333 |
| t | r | 1 | 12 | 13 | 0.07692 | t | t | 3 | 35 | 38 | 0.07894 |
| k | y | 3 | 48 | 51 | 0.05882 | [fptk] + [yo] | | | | | |
| k | l | 2 | 39 | 41 | 0.04878 | p | o | 84 | 52 | 136 | 0.61764 |
| k | s | 1 | 45 | 46 | 0.02173 | f | y | 2 | 5 | 7 | 0.28571 |
| k | d | 2 | 131 | 133 | 0.01503 | f | o | 7 | 18 | 25 | 0.28 |
| [yo] + [yo] | | | | | | p | y | 5 | 13 | 18 | 0.27777 |
| y | o | 8 | 377 | 385 | 0.02077 | t | o | 35 | 178 | 213 | 0.16431 |
| o | o | 44 | 2143 | 2187 | 0.02011 | t | y | 5 | 34 | 39 | 0.12820 |
| o | y | 6 | 373 | 379 | 0.01583 | k | y | 3 | 48 | 51 | 0.05882 |
| y | y | 1 | 149 | 150 | 0.00666 | k | o | 11 | 211 | 222 | 0.04954 |

Table 10.14: Top 25 Longest Paragraphs When Separated by Interior [fptk] Members (early in Version #29)

| Paragraph | Paragraph Type | Text Sequence Word Count | Initial [fptk] Count | Interior [fptk] Count | [fptk] % | Adjusted Words per-[fptk] |
|---|---|---|---|---|---|---|
| f83v #3 | qo | 85 | 0 | 1 | 1.176 | 85 |
| f84r #5 | [ds][ao] (Mainly [ds]ain initial) | 80 | 0 | 1 | 1.25 | 80 |
| f83v #1 | [fptk][eayods] | 75 | 1 | 1 | 1.333 | 75 |
| f82r #1 | qo | 72 | 0 | 0 | 0 | 72 |
| f75v #5 | [fptk][eayods] | 60 | 1 | 1 | 1.667 | 60 |
| f76r #4 | q[ek] | 57 | 0 | 1 | 1.754 | 57 |
| f23r #3 | [fptk]c | 56 | 1 | 1 | 1.786 | 56 |
| f114r #5 | [ds][ao] (Mainly [ds]ain initial) | 55 | 0 | 0 | 0 | 55 |
| f111r #1 | [fptk]c | 54 | 1 | 1 | 1.852 | 54 |
| f76v #6 | qo | 54 | 0 | 1 | 1.852 | 54 |
| f81r #3 | [fptk][eayods] | 52 | 1 | 1 | 1.923 | 52 |
| f76r #1 | [fptk][eayods] | 358 | 1 | 7 | 1.955 | 51.143 |
| f108v #7 | qo | 51 | 0 | 1 | 1.961 | 51 |
| f116r #12 | o[q \| p \| lr] | 51 | 0 | 0 | 0 | 51 |
| f108r #8 | [fptk][eayods] | 50 | 1 | 1 | 2 | 50 |
| f26r #1 | [fptk]c | 50 | 1 | 1 | 2 | 50 |
| f81r #1 | [fptk][eayods] | 50 | 1 | 1 | 2 | 50 |
| f104v #1 | [fptk]c | 50 | 1 | 1 | 2 | 50 |
| f3r #1 | [fptk]c | 49 | 1 | 1 | 2.041 | 49 |
| f104v #7 | [yo][tk] | 48 | 0 | 1 | 2.083 | 48 |
| f88v #3 | [fptk][eayods] | 48 | 1 | 1 | 2.083 | 48 |
| f89r1 #1 | qo | 48 | 0 | 1 | 2.083 | 48 |
| f90r2 #1 | [fptk][eayods] | 48 | 1 | 1 | 2.083 | 48 |
| f111r #14 | [ds][ao] (Mainly [ds]ain initial) | 48 | 0 | 1 | 2.083 | 48 |
| f77r #1 | [fptk][eayods] | 142 | 1 | 3 | 2.113 | 47.333 |

Table 10.15: Text Sequence Termination Rates for Selected Categories, Sans Single-Word Labels

| Category | Document Word Count | Last Count | Last vs. Document Count Ratio |
|---|---|---|---|
| dam Group | 127 | 15 | 0.11811 |
| [yo][dlrs] | 1680 | 119 | 0.07083 |
| dy | 350 | 22 | 0.06285 |
| Other | 3163 | 195 | 0.06165 |
| [dlrs][ao][lr] | 1786 | 78 | 0.04367 |
| ce | 5944 | 215 | 0.03617 |
| [yo][fptk] | 6811 | 212 | 0.03112 |
| daiin Relatives | 2239 | 62 | 0.02769 |
| l[fptk] | 507 | 14 | 0.02761 |
| c[fptk]e | 848 | 22 | 0.02594 |
| [dlrsy]c | 1374 | 29 | 0.02110 |
| cse | 3284 | 67 | 0.02040 |
| Single-Symbol List | 797 | 14 | 0.01756 |
| [fptk]c | 1028 | 15 | 0.01459 |
| [fptk]a | 502 | 6 | 0.01195 |
| [fptk]o | 600 | 7 | 0.01166 |
| [ao][lr] | 1557 | 18 | 0.01156 |
| [fptk]e | 575 | 5 | 0.00869 |
| qo | 5277 | 40 | 0.00758 |

Table 10.16: Count of Text Sequences by Initial Polygraph Type

| Name | Text Sequence Count |
|---|---|
| **Paragraphs** | |
| Paragraph [fptk]c | 323 |
| Paragraph [fptk][yoa \| e \| ds] | 315 |
| Paragraph [ds][ao] (Mainly [ds]ain initial) | 32 |
| Paragraph qo | 30 |
| Paragraph Figure | 22 |
| Paragraph [yo][tk] | 16 |
| Paragraph c[eps] | 13 |
| Paragraph[yo \| ds]c | 11 |
| Paragraph o[q \| p \| lr] | 9 |
| Paragraph y[opl] | 3 |
| Paragraph q[ek] | 2 |
| Paragraph Initiated by Special-Use Symbol (later changed to Paragraph [yo]d) | 2 |
| Paragraph l[ts] | 2 |
| **Labels** | |
| O-Label | 627 |
| Non-O Label | 300 |
| Label (3-5 Word Pattern) | 47 |
| O-Label or Relative | 28 |
| Long O-Label or Relative | 16 |
| 2-3 Word Lunar Label | 12 |
| Definite [yo][tk] Paragraph Label | 11 |
| 2-Word Star Divider | 8 |
| Likely non-[yo][tk] Paragraph Label | 3 |
| | |
| Text Ring | 80 |
| Text Ring-Like Label | 26 |
| **Other** | |
| Single-Symbol List | 101 |

Table 10.17: The 52 Degenerate [fptk]-Prefix Clause Candidates in Version #59

| Text Sequence | Phrase | Text Sequence | Phrase |
|---|---|---|---|
| **Herbal Section** | | **Balneological Section** | |
| f1v Nightshade/Belladonna #2 | pol ceodar | f66r Poison + Double-Gutter Key #3 | csees |
| f3v Mugwort/Wormwood Subtype (not Vulgaris) #1 | kor ceodaly ceom | f77v #3 | kaiin okol |
| f7v Bitter/Blue Fleabane #1 | tceeey | f79r #3 | tal ceear |
| f8r Libbard's Bane Candidate #1 #1 | kceoan ceoor dain | f80v #2 | kol dy |
| f11r Tetterwort/Greater Celandine #1 | kcey dy daiin | f82v #3 | cel s |
| f13r Rhubarb #2 | kcey okorory | f84v #2 | kedy otol ceedy |
| f15r Sow Thistles #1 | kol daky | **Section 5** | |
| f16r Hyssop (or Cannabis) #1 | koiin ceoky ykair | f104r #1 | cesy |
| f20r Viper's Bugloss #3 | tceey | f104r #5 | kcseedy |
| f21r Paper/Sun Spurge (Wartwort) or Rupturewort #1 | keey dy | f104r #7 | kar cseeody |
| f24v Daylily (Hemerocallis) #1 | tcear oro | f104r #11 | kceeody qotcedy |
| f26v Thlaspi Species #2 #2 | ces ar | f105r #7 | ceeesy cpeedy |
| f27r Bay Laurel and Hazelwort/Catsfoot #1 | kcealdy | f106r #2 | ceeees |
| f30v Spindle or Dog's Mercury #1 | kceydy | f107v #3 | tain cseedy |
| f37r Danewort (Sambucus Ebulus) #2 | kor qokor daiin | f107v #4 | tarairy |
| f42r Sorrel and Wood Sorrel #1 | kary | f108r #2 | cesy |
| f49v Liverwort (Ranunculus #4) #1 | kceos ceol daiin | f108r #3 | ty ody |
| f52v Scorpion Weed/Tail (Heliotrope) #1 | kceoly | f108v #1 | keedy |
| f93v White/Red Bryony #1 | ces ckey sceeeol | f112r #5 | tockey ceedy ceedam |
| f94r Moonwort #1 | kaidy dam | f113r #1 | ces aiin oteeosy |
| f95v1 Hollyhock #3 | kceedaiin ceedaiin otain daiin | f113r #5 | cer saiin ceaiiin |
| **Cosmological Section** | | f113v #15 | keedy |
| f58v #4 | csees sarols | f114r #8 | ksam ceodal olceedy |
| **Pharmacological Section** | | f114v #12 | kain ceoty |
| f100v Recipe Including Viper's Tongue #1 | ceso solctey | f115r #5 | keedor ykeceey cecedy |
| **Section 6** | | f115r #13 | kody qokeedy ceols |
| f85r1 #7 | karar odeeej | f115v #1 | cel oleed |
| | | f115v #5 | keey lceo ractey |
| | | f116r #4 | cel ls oleedy |

Table 10.18: The Paucity of Transposed Words

| Word | Mirror Image | Count of Word #1 | Mirror Image Count | Imbalance/Ratio | Word | Mirror Image | Count of Word #1 | Mirror Image Count | Imbalance/Ratio |
|---|---|---|---|---|---|---|---|---|---|
| dy | yd | 267 | 3 | 89 | ykeo | oeky | 3 | 1 | 3 |
| sar | ras | 83 | 1 | 83 | ral | lar | 17 | 6 | 2.833 |
| dor | rod | 73 | 1 | 73 | do | od | 16 | 7 | 2.286 |
| dol | lod | 117 | 2 | 58.5 | lor | rol | 43 | 20 | 2.15 |
| sal | las | 55 | 1 | 55 | yol | loy | 2 | 1 | 2 |
| or | ro | 378 | 10 | 37.8 | kl | lk | 2 | 1 | 2 |
| ol | lo | 548 | 15 | 36.533 | dold | dlod | 2 | 1 | 2 |
| ldy | ydl | 26 | 1 | 26 | dr | rd | 2 | 1 | 2 |
| oty | yto | 116 | 5 | 23.2 | rody | ydor | 2 | 1 | 2 |
| sy | ys | 38 | 2 | 19 | as | sa | 6 | 4 | 1.5 |
| lky | ykl | 17 | 1 | 17 | ok | ko | 3 | 2 | 1.5 |
| sol | los | 73 | 5 | 14.6 | lt | tl | 1 | 1 | 1 |
| ls | sl | 10 | 1 | 10 | deeety | yteeed | 1 | 1 | 1 |
| keeo | oeek | 9 | 1 | 9 | dky | ykd | 1 | 1 | 1 |
| deey | yeed | 7 | 1 | 7 | dlos | sold | 1 | 1 | 1 |
| ykeeo | oeeky | 7 | 1 | 7 | aky | yka | 1 | 1 | 1 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| lr | rl | 12 | 2 | 6 | doty | ytod | 1 | 1 | 1 |
| yteol | loety | 6 | 1 | 6 | ek | ke | 1 | 1 | 1 |
| os | so | 29 | 5 | 5.8 | el | le | 1 | 1 | 1 |
| odl | ldo | 5 | 1 | 5 | fo | of | 1 | 1 | 1 |
| dl | ld | 20 | 4 | 5 | roees | seeor | 1 | 1 | 1 |
| dyky | ykyd | 5 | 1 | 5 | raly | ylar | 1 | 1 | 1 |
| ky | yk | 24 | 5 | 4.8 | seedy | ydees | 1 | 1 | 1 |
| ly | yl | 14 | 3 | 4.667 | seekey | yekees | 1 | 1 | 1 |
| ot | to | 8 | 2 | 4 | seey | yees | 1 | 1 | 1 |
| roly | ylor | 4 | 1 | 4 | soty | ytos | 1 | 1 | 1 |
| ytol | loty | 13 | 4 | 3.25 | oety | yteo | 1 | 1 | 1 |
| sok | kos | 3 | 1 | 3 | oecs | sceo | 1 | 1 | 1 |
| rorol | loror | 3 | 1 | 3 | oras | saro | 1 | 1 | 1 |
| oll | llo | 3 | 1 | 3 | | | | | |

Table 10.19: Phrase Transpositions of 4 or More Words

| Phrase 1 | Phrase 2 | Folio |
|---|---|---|
| ar ol ar ol | ol ar ol ar | Rosette #1 Outer Ring |
| cedy qokaiin csedy qokaiin | qokaiin csedy qokaiin cedy | f95r1 #1 |
| ceedy rain ceedy csey | csey ceedy rain ceedy | f76r #1 |
| cseedy qokeedy qotedy qokeedy | qokeedy qotedy qokeedy cseedy | f77r #1 |
| cteaiin ceol ceol ceol | ceol ceol ceol cteaiin | f70r1 Outer Ring #2 |
| daiin ceckey okaiin ceckey | ceckey okaiin ceckey daiin | f95r1 #2 |
| dal ceoekeey dal ceoekeey | ceoekeey dal ceoekeey dal | |
| ol or cseeckeedy or | or cseeckeedy or ol | f78v #2 |
| qokeey lkeey qokeey raiin | raiin qokeey lkeey qokeey | f82r #3 |

Table 10.20: Concentration of Words Participating in Phrase Reversals (Prior to the Last Round of Corrections)

| Phrase Reversal Ratio Range | Document Word Count | # of Matching Phrase Reversals | Distinct Words in this Range |
|---|---|---|---|
| 0 | 14204 | 0 | 7666 |
| 0-0.05 | 1266 | 47 | 43 |
| 0.05-0.1 | 3576 | 285 | 145 |
| 0.1-0.15 | 6756 | 876 | 129 |
| 0.15-0.2 | 8550 | 1523 | 104 |
| 0.2-0.25 | 3615 | 761 | 39 |
| 0.25-0.3 | 216 | 56 | 3 |
| > 0.3 | 214 | 124 | 85 |

Table 10.21: Domination of c and q in the Initial Digraphs of Reversible Phrases

| Initiating Polygraph | Document Word Count | Distinct Word Count | Initiating Polygraph | Document Word Count | Distinct Word Count |
|---|---|---|---|---|---|
| ce | 45 | 17 | sa | 3 | 1 |
| [qyodrsl]c | 26 | 11 | sk | 2 | 1 |
| cs | 20 | 7 | so | 2 | 1 |
| c[ptk] | 23 | 4 | te | 3 | 1 |
| qo | 19 | 6 | yo | 1 | 1 |
| [yo][tk] | 13 | 8 | da | 2 | 1 |
| tc | 11 | 3 | de | 1 | 1 |
| q[ek] | 8 | 4 | do | 1 | 1 |
| lk | 6 | 3 | dy | 1 | 1 |
| al | 6 | 2 | ee | 1 | 1 |
| lo | 3 | 2 | ek | 1 | 1 |
| oe | 5 | 2 | ko | 1 | 1 |
| ol | 4 | 2 | ai | 3 | 1 |
| or | 3 | 1 | | | |

Table 10.22: The 61 Reversible Phrases Not Belonging to the Primary Low-Levenshtein Generator Statements

| Reversible Phrase | Combined Count of Both Words | Reversible Phrase | Combined Count of Both Words | Reversible Phrase | Combined Count of Both Words |
|---|---|---|---|---|---|
| dy dar | 585 | dy dcey | 294 | lceedy lkeedy | 160 |
| dar dal | 571 | dy kcey | 293 | saiin ckeeo | 147 |
| dar s | 565 | dy tcey | 288 | o d | 132 |
| dy dal | 514 | ky dy | 288 | air lor | 122 |
| dy qol | 415 | dy yceeey | 287 | doleodaiin dol | 118 |
| dar am | 405 | dy tceey | 286 | dam tal | 117 |
| o dar | 402 | teey dy | 284 | am san | 87 |
| y s | 393 | dy ty | 281 | odl air | 84 |
| dar kaiin | 386 | daly dal | 281 | lkeey lkeedy | 82 |
| dy dol | 381 | os s | 273 | yceeol kaiin | 79 |
| dar kar | 373 | y dol | 266 | lkeedy lkedy | 70 |
| dal dol | 367 | y sar | 232 | lo lceey | 60 |
| dam dal | 347 | l y | 206 | ckey ckeo | 45 |
| sar dy | 347 | dam dair | 203 | tcedy dceedy | 43 |
| aim dar | 328 | y kar | 201 | ty ky | 41 |
| s o | 325 | kedy qol | 195 | dl lkl | 29 |
| dar deescedy | 322 | sy saiin | 182 | ydaiin qkoy | 22 |
| dy keedy | 316 | y kor | 176 | x k | 19 |
| kol dy | 302 | dceor y | 175 | dcseor dytory | 15 |
| qol saiin | 295 | dol kedy | 161 | rceey qctey | 10 |
| s d | 295 | | | | |

Table 11.1: Triple Repetitions in the Voynich Manuscript

| Paragraph or Figure | Phrase |
|---|---|
| f99v #3 | ol ol ol |
| f79r #7 | |
| f81r #1 | |
| f8v Comfrey #1 | ceol ceol ceol |
| f47r Houseleek #1 | |
| f47r Houseleek #2 | |
| f56v Figwort (Scrophularia) #2 | |
| f104v #8 | cseeol cseeol cseeol |
| Rosette #3 Outer Ring Sentence #1 | otody otody otody |
| **f75r #4** | qokedy qokedy qokedy |
| f79v #3 | |
| f108v #12 | qokeedy qokeedy qokeedy |
| f86v3 Jet Figure #1 | ytaiin ytaiin ytaiin |
| f40r #2 | okaiin okaiin okaiin |
| f89r2 #1 | daiin daiin daiin |

Table 11.2: The 133 Words Participating in Repetitious Phrases

| Word | Counts | | By Length | | |
|---|---|---|---|---|---|
| | Document | Expected at l = 2 | 2 | 3 | 4 |
| **The [yo][tkd] Group** | | | | | |
| okaiin | 209 | 1 | 4 | 1 | 0 |
| okain | 144 | 1 | 1 | 0 | 0 |
| okar | 140 | 1 | 2 | 0 | 0 |
| okedy | 120 | 0 | 4 | 0 | 0 |
| okeear | 4 | 0 | 1 | 0 | 0 |
| okeedy | 107 | 0 | 1 | 0 | 0 |
| okeey | 176 | 1 | 4 | 0 | 0 |
| okeol | 65 | 0 | 3 | 0 | 0 |
| okey | 64 | 0 | 1 | 0 | 0 |
| okod | 5 | 0 | 1 | 0 | 0 |
| okody | 21 | 0 | 1 | 0 | 0 |
| okolaiin | 2 | 0 | 1 | 0 | 0 |
| oky | 103 | 0 | 1 | 0 | 0 |
| olal | 8 | 0 | 1 | 0 | 0 |
| olkain | 32 | 0 | 1 | 0 | 0 |
| olkedy | 27 | 0 | 1 | 0 | 0 |
| otaiin | 152 | 0 | 3 | 0 | 0 |
| otain | 97 | 0 | 3 | 0 | 0 |
| otair | 22 | 0 | 1 | 0 | 0 |
| otal | 143 | 1 | 2 | 0 | 0 |
| otam | 47 | 0 | 1 | 0 | 0 |
| otar | 145 | 1 | 1 | 0 | 0 |
| otceey | 31 | 0 | 1 | 0 | 0 |
| otceor | 18 | 0 | 1 | 0 | 0 |
| otedy | 163 | 1 | 1 | 0 | 0 |
| oteedy | 102 | 0 | 1 | 0 | 0 |
| oteey | 139 | 1 | 2 | 0 | 0 |
| otody | 22 | 0 | 1 | 1 | 0 |
| oty | 116 | 0 | 1 | 0 | 0 |
| ykaiin | 45 | 0 | 1 | 0 | 0 |
| ykceey | 6 | 0 | 1 | 0 | 0 |
| ykeey | 60 | 0 | 1 | 0 | 0 |
| ykeol | 13 | 0 | 1 | 0 | 0 |
| ytaiin | 43 | 0 | 1 | 1 | 0 |
| ytedy | 23 | 0 | 1 | 0 | 0 |
| yty | 24 | 0 | 1 | 0 | 0 |
| **Other** | | | | | |
| oedas | 2 | 0 | 1 | 0 | 0 |
| eedy | 6 | 0 | 1 | 0 | 0 |

| Word | Counts | | By Length | | |
|---|---|---|---|---|---|
| | Document | Expected at l = 2 | 2 | 3 | 4 |
| **The qo-group** | | | | | |
| qoekol | 2 | 0 | 1 | 0 | 0 |
| qokaiin | 262 | 2 | 2 | 0 | 0 |
| qokain | 280 | 2 | 3 | 0 | 0 |
| qokal | 192 | 1 | 3 | 0 | 0 |
| qokcedy | 56 | 0 | 2 | 0 | 0 |
| qokceedy | 39 | 0 | 1 | 0 | 0 |
| qokceey | 30 | 0 | 1 | 0 | 0 |
| qokcey | 69 | 0 | 1 | 0 | 0 |
| qokedy | 275 | 2 | 9 | 2 | 1 |
| qokeedy | 304 | 2 | 17 | 1 | 0 |
| qokeey | 306 | 2 | 12 | 0 | 0 |
| qokeody | 32 | 0 | 1 | 0 | 0 |
| qokey | 109 | 0 | 1 | 0 | 0 |
| qokol | 104 | 0 | 2 | 0 | 0 |
| qoky | 146 | 1 | 1 | 0 | 0 |
| qol | 151 | 1 | 5 | 0 | 0 |
| qopceedy | 32 | 0 | 2 | 0 | 0 |
| qotceeo | 4 | 0 | 1 | 0 | 0 |
| qotedy | 92 | 0 | 4 | 0 | 0 |
| qoteedy | 74 | 0 | 2 | 0 | 0 |
| qotol | 47 | 0 | 1 | 0 | 0 |
| qoty | 87 | 0 | 1 | 0 | 0 |
| **Possible Connectives** | | | | | |
| al | 266 | 2 | 4 | 0 | 0 |
| ar | 365 | 3 | 10 | 0 | 0 |
| ol | 549 | 8 | 7 | 1 | 0 |
| or | 377 | 4 | 6 | 0 | 0 |
| s | 244 | 2 | 1 | 0 | 0 |
| **The daiin + ai*ir* Group** | | | | | |
| daiin | 858 | 19 | 15 | 1 | 0 |
| dain | 209 | 1 | 2 | 0 | 0 |
| ain | 88 | 0 | 2 | 0 | 0 |
| aiin | 475 | 6 | 1 | 0 | 0 |
| saiin | 144 | 1 | 1 | 0 | 0 |
| aiir | 25 | 0 | 1 | 0 | 0 |
| dair | 106 | 0 | 1 | 0 | 0 |
| **d-Initial + [dkr][ao]l** | | | | | |
| kal | 23 | 0 | 1 | 0 | 0 |
| rol | 20 | 0 | 1 | 0 | 0 |
| dol | 117 | 0 | 1 | 0 | 0 |
| dal | 250 | 2 | 1 | 0 | 0 |
| dam | 97 | 0 | 1 | 0 | 0 |
| dar | 321 | 3 | 4 | 0 | 0 |
| dy | 264 | 2 | 8 | 0 | 0 |

| Word | Counts | | By Length | | |
|---|---|---|---|---|---|
| | Document | Expected at l = 2 | 2 | 3 | 4 |
| **c[se]** | | | | | |
| ceaiin | 45 | 0 | 1 | 0 | 0 |
| ceal | 47 | 0 | 1 | 0 | 0 |
| ceam | 20 | 0 | 1 | 0 | 0 |
| cedy | 150 | 1 | 3 | 0 | 0 |
| ceear | 51 | 0 | 1 | 0 | 0 |
| ceedy | 499 | 6 | 11 | 0 | 0 |
| ceekaiin | 8 | 0 | 1 | 0 | 0 |
| ceeol | 169 | 1 | 1 | 0 | 0 |
| ceo | 68 | 0 | 1 | 0 | 0 |
| ceoky | 38 | 0 | 1 | 0 | 0 |
| ceol | 394 | 4 | 16 | 2 | 0 |
| ceor | 216 | 1 | 6 | 0 | 0 |
| cey | 155 | 1 | 2 | 0 | 0 |
| csear | 33 | 0 | 2 | 0 | 0 |
| cseckeedy | 6 | 0 | 1 | 0 | 0 |
| cseedy | 429 | 5 | 6 | 0 | 0 |
| cseeky | 38 | 0 | 1 | 0 | 0 |
| cseeol | 112 | 0 | 1 | 1 | 0 |
| cseo | 131 | 1 | 3 | 0 | 0 |
| cseol | 189 | 1 | 1 | 0 | 0 |
| cseor | 98 | 0 | 3 | 0 | 0 |
| csey | 105 | 0 | 1 | 0 | 0 |
| **The c[tk] Group** | | | | | |
| ckeey | 34 | 0 | 2 | 0 | 0 |
| cteaiin | 15 | 0 | 1 | 0 | 0 |
| ctear | 20 | 0 | 2 | 0 | 0 |
| cteol | 60 | 0 | 1 | 0 | 0 |
| ctey | 112 | 0 | 1 | 0 | 0 |
| **The [tkdly]c | l*k*e Group** | | | | |
| dceor | 26 | 0 | 1 | 0 | 0 |
| kcey | 29 | 0 | 1 | 0 | 0 |
| lceedy | 119 | 0 | 2 | 0 | 0 |
| lceeedy | 9 | 0 | 1 | 0 | 0 |
| lcseedy | 42 | 0 | 1 | 0 | 0 |
| lcseey | 18 | 0 | 1 | 0 | 0 |
| lkedy | 29 | 0 | 1 | 0 | 0 |
| lkeedy | 41 | 0 | 1 | 0 | 0 |
| lkeey | 41 | 0 | 1 | 0 | 0 |
| kedy | 44 | 0 | 1 | 0 | 0 |
| keey | 44 | 0 | 1 | 0 | 0 |

Table 11.3: Levenshtein Distance Scores for Key Manuscript Levels

| Object | Word Count | Cumulative Levenshtein Distance | Levenshtein Word Count Ratio | Levenshtein Score | Document Score Difference |
|---|---|---|---|---|---|
| **Document** | | | | | |
| | 38486 | 150513 | -2.91085 | 0.29301 | 0 |
| **Section** | | | | | |
| 4 (Pharmacological) | 14029 | 55924 | -2.98631 | 0.30608 | 0.01307 |
| 1 (Herbal) | 11771 | 45518 | -2.86696 | 0.30532 | 0.01230 |
| 3 (Balneological) | 6886 | 28179 | -3.09221 | 0.28665 | -0.00635 |
| 0 (Front/Backmatter) | 199 | 819 | -3.11557 | 0.27224 | -0.02077 |
| 2 (Cosmological) | 5601 | 20073 | -2.58382 | 0.24294 | -0.05006 |
| **Bulleted Lists** | | | | | |
| Yes | 11474 | 46562 | -3.05804 | 0.31303 | 0.02001 |
| No | 27012 | 103951 | -2.84832 | 0.28451 | -0.00850 |

Table 11.4: Extremes of > 0.2 or < 0.1 in the Levenshtein Score Ranks by Folio

| Section | Folio | Word Count | Cumulative Levenshtein Distance | Levenshtein Word Count Ratio | Levenshtein Score | Document Score Difference |
|---|---|---|---|---|---|---|
| **> 0.2** | | | | | | |
| 1 | f41r | 98 | 437 | -3.45918 | 0.26735 | 0.11704 |
| 1 | f27v | 58 | 247 | -3.25862 | 0.25035 | 0.10004 |
| 1 | f51r | 97 | 445 | -3.58762 | 0.24132 | 0.09101 |
| 1 | f38r | 41 | 173 | -3.21951 | 0.22023 | 0.06992 |
| 1 | f56r | 99 | 451 | -3.55555 | 0.21498 | 0.06467 |
| 1 | f35v | 86 | 386 | -3.48837 | 0.21406 | 0.06375 |
| 1 | f21v | 56 | 257 | -3.58928 | 0.21145 | 0.06114 |
| 1 | f42r | 149 | 659 | -3.42281 | 0.21055 | 0.06024 |
| 1 | f8v | 119 | 531 | -3.46218 | 0.20942 | 0.05911 |
| 1 | f57r | 87 | 444 | -4.10344 | 0.20830 | 0.05799 |
| 1 | f96r | 86 | 428 | -3.97674 | 0.20752 | 0.05721 |
| 1 | f4v | 83 | 396 | -3.77108 | 0.20613 | 0.05582 |
| 1 | f90v1 | 96 | 481 | -4.01041 | 0.20574 | 0.05543 |
| 1 | f93v | 88 | 438 | -3.97727 | 0.20483 | 0.05452 |
| 1 | f49r | 114 | 536 | -3.70175 | 0.20317 | 0.05286 |
| 1 | f53v | 74 | 376 | -4.08108 | 0.20314 | 0.05283 |
| 4 | f108r | 491 | 2291 | -3.66598 | 0.20264 | 0.05233 |
| **< 0.1** | | | | | | |
| 2 | f67v2 | 62 | 203 | -2.27419 | 0.09940 | -0.05090 |
| 2 | f69r | 164 | 542 | -2.30487 | 0.09939 | -0.05091 |
| 2 | f73v Sagittarius | 96 | 337 | -2.51041 | 0.09660 | -0.05370 |
| 2 | f72r2 Gemini | 111 | 379 | -2.41441 | 0.09351 | -0.05679 |
| 2 | f72v3 Leo | 121 | 371 | -2.06611 | 0.09320 | -0.05710 |
| 2 | f72v1 Libra | 102 | 352 | -2.45098 | 0.08793 | -0.06236 |
| 2 | f57v | 194 | 454 | -1.34020 | 0.04377 | -0.10653 |
| 5 | f116v | 2 | 6 | -2.00000 | 0.00000 | -0.15030 |

Table 11.5: Levenshtein Distances by Folio

| Section | Page ID | Folio | Word Count | Cumulative Levenshtein Distance | Levenshtein Word Count Ratio | Levenshtein Score | Document Score Difference |
|---|---|---|---|---|---|---|---|
| **>= 0.35** | | | | | | | |
| 1 | 54 | f27v | 58 | 168 | -1.89655 | 0.50132 | 0.20830 |
| 1 | 81 | f41r | 98 | 345 | -2.52040 | 0.42004 | 0.12703 |
| 1 | 111 | f56r | 99 | 338 | -2.41414 | 0.40215 | 0.10914 |
| 1 | 49 | f25r | 48 | 163 | -2.39583 | 0.40042 | 0.10740 |
| 1 | 39 | f20r | 85 | 326 | -2.83529 | 0.38398 | 0.09096 |
| 1 | 70 | f35v | 86 | 299 | -2.47674 | 0.37978 | 0.08677 |
| 1 | 101 | f51r | 97 | 369 | -2.80412 | 0.37963 | 0.08662 |
| 1 | 113 | f57r | 87 | 341 | -2.91954 | 0.37905 | 0.08604 |
| 1 | 212 | f96r | 86 | 329 | -2.82558 | 0.37755 | 0.08453 |
| 1 | 83 | f42r | 149 | 521 | -2.49664 | 0.37661 | 0.08359 |
| 1 | 59 | f30r | 94 | 350 | -2.72340 | 0.37446 | 0.08145 |
| 1 | 57 | f29r | 65 | 216 | -2.32307 | 0.37357 | 0.08055 |
| 1 | 13 | f7r | 62 | 235 | -2.79032 | 0.37024 | 0.07722 |
| 1 | 8 | f4v | 83 | 312 | -2.75903 | 0.36746 | 0.07445 |
| 1 | 205 | f93v | 88 | 361 | -3.10227 | 0.36625 | 0.07324 |
| 1 | 16 | f8v | 119 | 420 | -2.52941 | 0.36550 | 0.07249 |
| 4 | 240 | f108r | 491 | 1788 | -2.64154 | 0.36375 | 0.07074 |
| 1 | 130 | f65v | 116 | 438 | -2.77586 | 0.35975 | 0.06673 |
| 4 | 246 | f111r | 615 | 2358 | -2.83414 | 0.35463 | 0.06162 |
| 4 | 241 | f108v | 558 | 2144 | -2.84229 | 0.35385 | 0.06084 |
| 1 | 87 | f44r | 75 | 270 | -2.60000 | 0.35220 | 0.05919 |
| 1 | 97 | f49r | 114 | 427 | -2.74561 | 0.35144 | 0.05842 |
| 1 | 75 | f38r | 41 | 141 | -2.43902 | 0.35130 | 0.05829 |
| 1 | 9 | f5r | 56 | 206 | -2.67857 | 0.35020 | 0.05719 |
| **< 0.23** | | | | | | | |
| 2 | 150 | f71v Taurus Light | 101 | 358 | -2.54455 | 0.22888 | -0.06412 |
| 3 | 171 | f80r | 442 | 1973 | -3.46380 | 0.22829 | -0.06471 |
| 2 | 153 | f72r3 Cancer | 165 | 574 | -2.47878 | 0.22510 | -0.06791 |
| 2 | 147 | f70v2 Pisces | 140 | 435 | -2.10714 | 0.22393 | -0.06907 |
| 2 | 185 | f85v2 The Rosette Folio | 538 | 1655 | -2.07620 | 0.22287 | -0.07013 |
| 2 | 144 | f69v 28 Lunar Mansions | 136 | 387 | -1.84558 | 0.22111 | -0.07190 |
| 2 | 158 | f73v Sagittarius | 96 | 265 | -1.76041 | 0.21659 | -0.07642 |
| 2 | 148 | f70v1 Aries Dark | 84 | 314 | -2.73809 | 0.21576 | -0.07724 |
| 4 | 192 | f89r1 | 143 | 589 | -3.11888 | 0.20832 | -0.08468 |
| 1 | 45 | f23r | 105 | 433 | -3.12380 | 0.20799 | -0.08502 |
| 4 | 194 | f89v2 | 176 | 692 | -2.93181 | 0.20720 | -0.08580 |
| 2 | 134 | f67r2 Lunaria/Zodiac | 176 | 550 | -2.12500 | 0.20592 | -0.08708 |
| 2 | 154 | f72v3 Leo | 121 | 414 | -2.42148 | 0.20162 | -0.09139 |
| 2 | 145 | f70r1 | 112 | 435 | -2.88392 | 0.19464 | -0.09837 |
| 2 | 137 | f68r1 | 65 | 145 | -1.23076 | 0.19264 | -0.10036 |
| 2 | 157 | f73r Scorpio | 96 | 288 | -2.00000 | 0.19128 | -0.10173 |
| 1 | 73 | f37r | 77 | 335 | -3.35064 | 0.19114 | -0.10187 |
| 2 | 143 | f69r | 164 | 463 | -1.82317 | 0.18828 | -0.10472 |
| 2 | 136 | f67v1 | 71 | 187 | -1.63380 | 0.18218 | -0.11083 |
| 2 | 152 | f72r2 Gemini | 111 | 334 | -2.00900 | 0.17998 | -0.11302 |
| 2 | 135 | f67v2 | 62 | 182 | -1.93548 | 0.17177 | -0.12123 |
| 2 | 156 | f72v1 Libra | 102 | 340 | -2.33333 | 0.17055 | -0.12245 |
| 1 | 129 | f65r | 2 | 7 | -2.50000 | 0.11111 | -0.18190 |
| 2 | 114 | f57v | 194 | 597 | -2.07731 | 0.06721 | -0.22579 |
| 5 | 257 | f116v | 2 | 6 | -2.00000 | 0.00000 | -0.29301 |

Table 11.6: Variants within 1 Letter of *daiin*

| Word | Count | Word | Count | Word | Count | Word | Count |
|---|---|---|---|---|---|---|---|
| aiidy | 2 | daiir | 23 | dkain | 2 | odain | 19 |
| aiiin | 48 | daiiy | 1 | doaiin | 3 | paiin | 8 |
| aiin | 472 | dain | 209 | doiin | 20 | pdaiin | 3 |
| aiinod | 1 | daind | 1 | dyaiin | 1 | qaiin | 2 |
| aiiny | 4 | daing | 1 | eaiin | 1 | raiin | 75 |
| ariin | 2 | dainl | 1 | gaiin | 1 | saiin | 144 |
| daiiin | 22 | dairin | 3 | kaiin | 65 | taiin | 44 |
| daiil | 1 | daisin | 1 | laiin | 13 | tdaiin | 1 |
| daiim | 4 | daisn | 1 | ldaiin | 3 | tdain | 2 |
| daiina | 1 | dariin | 1 | ldain | 2 | yaiin | 6 |
| daiino | 1 | deaiin | 1 | oaiin | 26 | ydaiin | 21 |
| daiiny | 2 | diiin | 1 | odaiin | 60 | ydain | 5 |

Table 11.7: The 77 Hyperpyramids Defined by the Conditional Probabilities of Preceding and Following Words

| Cluster ID | Definition | Member Count | Point Count | Perimeter | Line Count | Mean Perimeter per Line |
|---|---|---|---|---|---|---|
| 107 | otar, okar, otal, okal, okain, otain, dar, ol, okaiin, qokaiin | 10 | 55 | 32.56143 | 1485 | 0.02192 |
| 164 | okain, qokain, qokaiin, qokar, qokal, qokedy, qokeedy, qokeey, qokey, lceedy | 10 | 55 | 31.79994 | 1485 | 0.02141 |
| 431 | ceey, ceedy, cseedy, cseey, ol, cedy, cseeey, ceeey, ceckey, qokeey | 10 | 55 | 32.32497 | 1485 | 0.02176 |
| 392 | ceedy, cseedy, ceey, cseey, ol, cedy, cseeey, ceeey, ceckey | 9 | 45 | 25.54913 | 990 | 0.02580 |
| 421 | okar, otar, otal, okal, okain, otain, dar, ol, okaiin | 9 | 45 | 25.98830 | 990 | 0.02625 |
| 473 | oteedy, qokeedy, qokedy, qokeey, ceedy, cseedy, lceedy, okedy, otedy | 9 | 45 | 25.28613 | 990 | 0.02554 |
| 319 | cseedy, ceedy, ceey, cseey, ol, cedy, cseeey, ceeey, ceckey | 9 | 45 | 25.54913 | 990 | 0.02580 |
| 322 | cteol, ceol, ceor, daiin, dain, ol, dar, or, dal | 9 | 45 | 26.60901 | 990 | 0.02687 |
| 325 | otal, okar, otar, okal, okain, otain, dar, ol, okaiin | 9 | 45 | 25.98830 | 990 | 0.02625 |
| 395 | ceeol, ol, ceey, ceedy, cseedy, cseey, cedy, cseeey, ceeey | 9 | 45 | 25.62511 | 990 | 0.02588 |
| 290 | otaiin, okaiin, otain, okar, otal, otar, dar, okal, okain | 9 | 45 | 26.22033 | 990 | 0.02648 |
| 36 | qoky, qokedy, qokeedy, qokeey, qokey, lceedy, qokain, qokaiin | 8 | 36 | 19.50616 | 630 | 0.03096 |
| 484 | okeey, qokeey, qokeedy, qokedy, ceedy, cseedy, lceedy, qokey | 8 | 36 | 19.47205 | 630 | 0.03090 |
| 433 | ain, ar, or, ol, al, aiin, dar, y | 8 | 36 | 20.29112 | 630 | 0.03220 |
| 496 | qol, qokain, qokaiin, qokal, qokar, qokedy, qokeedy, qokeey | 8 | 36 | 19.27663 | 630 | 0.03059 |
| 492 | oteey, qokeey, qokeedy, qokedy, ceedy, cseedy, otedy, qokal | 8 | 36 | 19.61834 | 630 | 0.03114 |
| 485 | okedy, qokedy, qokeedy, qokeey, ceedy, cseedy, lceedy | 7 | 28 | 14.31829 | 378 | 0.03787 |
| 472 | qokey, qokeey, qokeedy, qokedy, lceedy, qokain, qokaiin | 7 | 28 | 14.32900 | 378 | 0.03790 |
| 352 | cseey, ceey, ceedy, cseedy, ol, cedy, cseeey | 7 | 28 | 14.44774 | 378 | 0.03822 |
| 349 | qokedy, qokeedy, qokeey, qokey, lceedy, qokain, qokaiin | 7 | 28 | 14.32900 | 378 | 0.03790 |
| 360 | lceedy, qokeedy, qokedy, qokeey, qokey, qokain, qokaiin | 7 | 28 | 14.32900 | 378 | 0.03790 |
| 2 | qotedy, qokedy, qokeedy, qokeey, qokey, lceedy, qokain | 7 | 28 | 14.68312 | 378 | 0.03884 |
| 52 | y, ol, or, ar, al, aiin, dar | 7 | 28 | 15.00513 | 378 | 0.03969 |
| 84 | cedy, ceedy, cseedy, ceey, cseey, ol, cseeey | 7 | 28 | 14.44774 | 378 | 0.03822 |
| 133 | qokeedy, qokedy, qokeey, qokey, lceedy, qokain, qokaiin | 7 | 28 | 14.32900 | 378 | 0.03790 |
| 139 | cectey, otal, okar, cedy, ceedy, cseedy, ceey | 7 | 28 | 14.99850 | 378 | 0.03967 |
| 240 | otain, okain, qokain, qokaiin, qokar, qokal, qol | 7 | 28 | 14.79292 | 378 | 0.03913 |
| 305 | qoteedy, qokeedy, qokedy, qokeey, qokey, lceedy | 6 | 21 | 10.24418 | 210 | 0.04878 |
| 188 | dain, daiin, ceol, ceor, ol, dar | 6 | 21 | 10.54783 | 210 | 0.05022 |
| 224 | daiin, ceol, ceor, ol, dain, dar | 6 | 21 | 10.54783 | 210 | 0.05022 |
| 157 | qokeey, qokeedy, qokedy, qokey, lceedy, qokain | 6 | 21 | 10.17973 | 210 | 0.04847 |
| 90 | oky, ceol, daiin, ceor, dain, ol | 6 | 21 | 10.82592 | 210 | 0.05155 |
| 118 | al, ol, or, ar, dar, aiin | 6 | 21 | 10.53450 | 210 | 0.05016 |
| 502 | cseo, ceol, ceor, daiin, dain, ol | 6 | 21 | 10.97417 | 210 | 0.05225 |
| 363 | aiin, ar, or, ol, al | 5 | 15 | 6.94140 | 105 | 0.06610 |
| 380 | ceckey, ceedy, cseedy, ceey, cseey | 5 | 15 | 6.64456 | 105 | 0.06328 |
| 108 | aram, orar, pceeol, okeody, pceor | 5 | 47 | 29.79029 | 1081 | 0.02755 |
| 82 | okeedy, cseedy, ceedy, ceey, cseey | 5 | 15 | 6.80451 | 105 | 0.06480 |
| 117 | s, or, ar, ol, dar | 5 | 15 | 6.98556 | 105 | 0.06652 |
| 191 | ceol, daiin, ceor, ol, dain | 5 | 15 | 6.97973 | 105 | 0.06647 |
| 192 | tar, orar, pceeol, pceor, okeody | 5 | 47 | 29.63790 | 1081 | 0.02741 |
| 220 | ceor, ceol, daiin, ol, dain | 5 | 15 | 6.97973 | 105 | 0.06647 |
| 195 | r, s, or, ar, ol | 5 | 15 | 7.20105 | 105 | 0.06858 |
| 277 | otedy, qokedy, qokeedy, qokeey, ceedy | 5 | 15 | 6.75870 | 105 | 0.06436 |
| 314 | okceol, pceeol, orar, pceor | 4 | 34 | 21.09405 | 561 | 0.03760 |
| 294 | ar, or, ol, dar | 4 | 10 | 4.08278 | 45 | 0.09072 |
| 169 | lcseedy, qokedy, qokeedy, qokeey | 4 | 10 | 4.19859 | 45 | 0.09330 |
| 184 | qokaiin, qokain, qokar, qokal | 4 | 10 | 3.94472 | 45 | 0.08766 |
| 174 | cseckey, cectey, ceedy, cseedy | 4 | 10 | 4.34301 | 45 | 0.09651 |
| 219 | cseeey, cseey, ceedy, cseedy | 4 | 10 | 3.93449 | 45 | 0.08743 |
| 233 | air, aiin, ar, or | 4 | 10 | 4.37133 | 45 | 0.09714 |
| 153 | cseeckey, ceedy, cseedy, ceey | 4 | 10 | 4.17218 | 45 | 0.09271 |
| 104 | ces, orar, pceeol, pceor | 4 | 34 | 21.19797 | 561 | 0.03778 |
| 112 | qokar, qokain, qokaiin, qokal | 4 | 10 | 3.94472 | 45 | 0.08766 |
| 113 | qokain, qokaiin, qokar, qokal | 4 | 10 | 3.94472 | 45 | 0.08766 |
| 48 | ctey, cteol, ceol, ceor | 4 | 10 | 4.45085 | 45 | 0.09890 |
| 50 | or, ar, ol, dar | 4 | 10 | 4.08278 | 45 | 0.09072 |
| 67 | ytey, orar, pceeol, okeody | 4 | 34 | 21.14808 | 561 | 0.03769 |
| 416 | okaiin, ol, or, dar | 4 | 10 | 4.18116 | 45 | 0.09291 |
| 434 | ol, or, ar, dar | 4 | 10 | 4.08278 | 45 | 0.09072 |
| 459 | dar, ol, or, ar | 4 | 10 | 4.08278 | 45 | 0.09072 |
| 318 | qokol, qokal, qokain, qokaiin | 4 | 10 | 4.20361 | 45 | 0.09341 |
| 487 | cedar, pceeol, orar, pceor | 4 | 33 | 20.32734 | 528 | 0.03849 |
| 313 | ceeey, ceey, ceedy | 3 | 6 | 2.05929 | 15 | 0.13728 |
| 388 | cseeedy, cseedy, ceedy | 3 | 6 | 1.87466 | 15 | 0.12497 |
| 3 | qotain, qokain, qokaiin | 3 | 6 | 2.06252 | 15 | 0.13750 |
| 148 | dal, dar, ol | 3 | 6 | 2.09856 | 15 | 0.13990 |
| 138 | cteor, cteol, ctey | 3 | 6 | 2.26289 | 15 | 0.15085 |
| 140 | okal, otar, okar | 3 | 6 | 2.11068 | 15 | 0.14071 |
| 215 | ceeedy, cseeedy, cseedy | 3 | 6 | 2.13281 | 15 | 0.14218 |
| 288 | cseol, ceol, daiin | 3 | 6 | 2.11984 | 15 | 0.14132 |
| 280 | qokal, qokain, qokaiin | 3 | 6 | 1.92598 | 15 | 0.12839 |
| 242 | cseeol, cseedy, ceedy | 3 | 6 | 2.02563 | 15 | 0.13504 |
| 251 | dy, daiin, ceol | 3 | 6 | 2.08611 | 15 | 0.13907 |
| 249 | dair, dain, dar | 3 | 6 | 2.20209 | 15 | 0.14680 |
| 258 | ypceedy, pceor, orar | 3 | 14 | 7.69999 | 91 | 0.08461 |
| 266 | cey, ceol, daiin | 3 | 6 | 2.15443 | 15 | 0.14362 |

Table 11.8: Consolidation of the Word Conditional Probability Clusters

| Hyperpyramid IDs | Hyperpyramid Definition | Generator Statement | Average Lev Score | Mean Perimeter per Line of the Highest-Ranking Cluster |
|---|---|---|---|---|
| **Superset 1: The orar \| pceeo[lr] Group** | | | | |
| 108, 487, 104, 314, 192, 258, 67 | aram, cedar, ces, okceol, tar, ypceedy, ytey, orar, pceeol, okeody, pceor | orar \| pceeo[lr] + aram \| cedar \| ces \| okceol \| tar \| ypceedy \| ytey | 0.27 | 0.02755 |
| **Superset 2: General Usage** | | | | |
| 52, 363, 433, 233, 118, 294, 434, 50, 459 | aiin, ar, or, ol, al + ain, dar and y | [ao][lr] \| *d*ar \| a*i*in \| y | 0.208 | 0.03220 |
| **Superset 3: General Usage Subgroup** | | | | |
| 195, 117 | r, s, or, ar, ol | r \| s + the General Usage Group | 0.2 | 0.06652 |
| **Superset 4:The daiin/ceol Group** | | | | |
| 224, 188, 249, 191, 220, 148, 251, 90, 502, 288, 266 | daiin, ceol, ceor, ol, dain, dar + dal, dair, dy, oky as lesser members, also cseo, cseol, cey | cseo[lr] \| da + ii[m] \| dy \| ol \| oky \| cey | 0.238 | 0.05022 |
| **Superset 5: Subgroup with ct-** | | | | |
| 322, 138, 48 | cteol, ceol, ceor, daiin, dain, ol, dar, or, dal + cteor, ctey | same except cseo[lr] → c[*st*]eo[lr], cey → ctey, ol → o[lr] | 0.265 | 0.02687 |
| **Superset 6: The cse Group** | | | | |
| 319, 392, 84, 219, 153, 313, 395, 352, 431 | cseedy, ceedy, ceey, cseey, ol, cedy, cseeey, ceeey, ceckey + the subsets cseeedy, ceeedy + cseeol + junior members ceeol, cseeckey, cseckey, qokeey, otal, okar | cs*eee* + *d*y \| ckey \| ol o[tk]ar → to the o[tk]a group qokeey → to the qo- group | 0.46 | 0.02176 |
| **Superset 7: The o[tk]e group** | | | | |
| 473, 484, 485, 82, 277, 492 | otedy, okedy + ceedy, cseedy + qokeedy, qokedy, qokeey, lceedy + junior members qokey, qokal, oteedy, okeey, okeedy and oteey, ceey, cseey | o[tk] \| *l*cs \| qok + *eed*y \| qokal | 0.581 | 0.02554 |
| **Superset 8: The o[tk]a group** | | | | |
| 107, 421, 140, 290, 325, 416 | otar, okar, otal, okal, okain, otain, dar, ol, okaiin, qokaiin + otaiin, or as junior members | *q*o[tk]a + [lr] \| a*i*in \| o[lr] \| dar | 0.455 | 0.02192 |
| **Superset 9: Bridges to the qok[a] Subgroup** | | | | |
| 164 | okain, qokain, qokaiin, qokar, qokal, qokedy, qokeedy, qokeey, qokey, lceedy | *q*o[t]ain \| \| qok + a[lr] \| *eed*y \| lceedy | 0.454 | 0.02141 |
| 240 | otain, okain, qokain, qokaiin, qokar, qokal, qol | *q*o[tk]ain \| qoka[lr] \| qol | | 0.03913 |
| **Superset 10: The qo[tk] group** | | | | |
| 349, 133, 157, 472, 360, 169, 36, 2, 305 | qokedy, qokeedy, qokeey, qokey, lceedy, qokain, qokaiin + junior members qotedy, qoky, qotain | lc \| qo[tk] + *eed*y \| a*i*in | 0.518 | 0.03096 |
| **Superset 11: The qok[ao] Subgroup** | | | | |
| 496, 184, 113, 280, 112, 318 | qol, qokal, qokar | qo + [lk] + a*i*in \| [ao][lr] | 0.6 | 0.03059 |

Table 11.9: Statistical Segmentation of Words Participating in Near Repetitions

| Group (Separated by Zero and Non-Zero Levenshtein Scores) | Avg Levenshtein Word Score | Avg Word Length | Avg Word Count | Document Word Count | Distinct Word Count |
|---|---|---|---|---|---|
| **All Words** | | | | | |
| 0 | 0 | 6.79224 | 1.47507 | 9706 | 6580 |
| + | 0.20184 | 5.56425 | 17.56425 | 28700 | 1634 |
| **qo[tk] or c[se]** | | | | | |
| 0 | 0 | 7.59874 | 1.65203 | 2635 | 1595 |
| + | 0.18381 | 6.17464 | 25.98564 | 10862 | 418 |
| **NOT qo[tk] or c[se]** | | | | | |
| 0 | 0 | 6.53420 | 1.41845 | 7071 | 4985 |
| + | 0.20804 | 5.35444 | 14.66940 | 17838 | 1216 |
| **e/i Sequences** | | | | | |
| 0 | 0 | 7.21387 | 1.42588 | 7647 | 5363 |
| + | 0.21252 | 5.99769 | 15.61153 | 20295 | 1300 |
| **Non-e/i Sequences** | | | | | |
| 0 | 0 | 4.93426 | 1.69186 | 2059 | 1217 |
| + | 0.16028 | 3.87724 | 25.16467 | 8405 | 334 |

Table 11.10: Top 100 Words Ranked by Expected Low-Levenshtein Sequence Participation

| Word | Word Length | Word Count | Levenshtein Score | Levenshtein Score Scaled by Word Count | Word | Word Length | Word Count | Levenshtein Score | Levenshtein Score Scaled by Word Count |
|---|---|---|---|---|---|---|---|---|---|
| ceol | 4 | 394 | 0.19335 | 76.18333 | dol | 3 | 117 | 0.06880 | 8.05000 |
| qokeedy | 7 | 306 | 0.22245 | 68.07142 | qokcedy | 7 | 56 | 0.14349 | 8.03571 |
| daiin | 5 | 864 | 0.07542 | 65.17142 | ckeey | 5 | 34 | 0.22913 | 7.79047 |
| qokedy | 6 | 275 | 0.21194 | 58.28571 | cseey | 5 | 289 | 0.02672 | 7.72380 |
| qokeey | 6 | 306 | 0.18236 | 55.80357 | ceear | 5 | 51 | 0.14313 | 7.30000 |
| ar | 2 | 364 | 0.13713 | 49.91666 | oty | 3 | 116 | 0.06221 | 7.21666 |
| ceedy | 5 | 499 | 0.09016 | 44.99047 | csey | 4 | 106 | 0.06776 | 7.18333 |
| cseedy | 6 | 429 | 0.09433 | 40.47023 | cear | 4 | 72 | 0.09861 | 7.09999 |
| ceor | 4 | 216 | 0.14814 | 31.99999 | ceckey | 6 | 143 | 0.04928 | 7.04761 |
| ol | 2 | 548 | 0.05200 | 28.50000 | cseeol | 6 | 112 | 0.06122 | 6.85714 |
| or | 2 | 378 | 0.06834 | 25.83333 | saiin | 5 | 144 | 0.04745 | 6.83333 |
| al | 2 | 270 | 0.09228 | 24.91666 | ain | 3 | 88 | 0.07632 | 6.71666 |
| okaiin | 6 | 208 | 0.11432 | 23.77976 | ceeey | 5 | 173 | 0.03770 | 6.52380 |
| dar | 3 | 323 | 0.07291 | 23.54999 | ykeey | 5 | 60 | 0.10722 | 6.43333 |
| okedy | 5 | 120 | 0.19170 | 23.00476 | taiin | 5 | 45 | 0.14000 | 6.30000 |
| okeey | 5 | 177 | 0.12666 | 22.41904 | qopceedy | 8 | 32 | 0.19184 | 6.13888 |
| cseor | 5 | 99 | 0.19966 | 19.76666 | ceokeey | 7 | 13 | 0.46840 | 6.08928 |
| aiin | 4 | 474 | 0.04036 | 19.13333 | okey | 4 | 64 | 0.09427 | 6.03333 |
| cey | 3 | 156 | 0.11901 | 18.56666 | qotcey | 6 | 64 | 0.09412 | 6.02380 |
| cseo | 4 | 130 | 0.14179 | 18.43333 | ctear | 5 | 20 | 0.29500 | 5.90000 |
| dy | 2 | 267 | 0.06897 | 18.41666 | ctey | 4 | 112 | 0.05119 | 5.73333 |
| otaiin | 6 | 153 | 0.11453 | 17.52380 | ceaiin | 6 | 45 | 0.12433 | 5.59523 |
| cseol | 5 | 188 | 0.09078 | 17.06666 | ytaiin | 6 | 43 | 0.12846 | 5.52380 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| lceedy | 6 | 119 | 0.14260 | 16.97023 | qokcey | 6 | 70 | 0.07891 | 5.52380 |
| qotedy | 6 | 92 | 0.18167 | 16.71428 | qokol | 5 | 104 | 0.05279 | 5.49047 |
| otedy | 5 | 163 | 0.10116 | 16.49047 | oky | 3 | 103 | 0.05307 | 5.46666 |
| okar | 4 | 142 | 0.11514 | 16.35000 | okody | 5 | 21 | 0.25986 | 5.45714 |
| ceey | 4 | 339 | 0.04670 | 15.83333 | lkedy | 5 | 29 | 0.18702 | 5.42380 |
| okeedy | 6 | 107 | 0.13946 | 14.92261 | dam | 3 | 98 | 0.05493 | 5.38333 |
| qol | 3 | 151 | 0.09690 | 14.63333 | ykaiin | 6 | 46 | 0.11594 | 5.33333 |
| okal | 4 | 141 | 0.10307 | 14.53333 | cectey | 6 | 79 | 0.06592 | 5.20833 |
| cedy | 4 | 150 | 0.09355 | 14.03333 | tar | 3 | 44 | 0.11742 | 5.16666 |
| ceeol | 5 | 169 | 0.07568 | 12.79047 | csear | 5 | 34 | 0.15000 | 5.10000 |
| qokain | 6 | 279 | 0.04557 | 12.71428 | otol | 4 | 86 | 0.05872 | 5.04999 |
| otain | 5 | 97 | 0.12096 | 11.73333 | ceoty | 5 | 36 | 0.13769 | 4.95714 |
| dain | 4 | 209 | 0.05231 | 10.93333 | rol | 3 | 20 | 0.23750 | 4.75000 |
| dal | 3 | 250 | 0.04320 | 10.80000 | ceeor | 5 | 100 | 0.04723 | 4.72380 |
| otar | 4 | 145 | 0.07367 | 10.68333 | ytedy | 5 | 23 | 0.20434 | 4.70000 |
| qokaiin | 7 | 262 | 0.04026 | 10.54960 | keey | 4 | 44 | 0.10643 | 4.68333 |
| oteedy | 6 | 102 | 0.10148 | 10.35119 | otcey | 5 | 49 | 0.09523 | 4.66666 |
| qokar | 5 | 154 | 0.06645 | 10.23333 | ceoky | 5 | 38 | 0.12192 | 4.63333 |
| okain | 5 | 142 | 0.07116 | 10.10476 | opceedy | 7 | 50 | 0.09035 | 4.51785 |
| qokey | 5 | 109 | 0.09209 | 10.03809 | lkeey | 5 | 41 | 0.10952 | 4.49047 |
| otal | 4 | 143 | 0.06783 | 9.70000 | lcseedy | 7 | 42 | 0.10629 | 4.46428 |
| qoteedy | 7 | 74 | 0.11776 | 8.71428 | qotceey | 7 | 21 | 0.21258 | 4.46428 |
| ceody | 5 | 94 | 0.08926 | 8.39047 | kedy | 4 | 44 | 0.10075 | 4.43333 |
| qokal | 5 | 192 | 0.04340 | 8.33333 | ceal | 4 | 48 | 0.09236 | 4.43333 |
| okeol | 5 | 65 | 0.12717 | 8.26666 | dceor | 5 | 26 | 0.16886 | 4.39047 |
| oteey | 5 | 140 | 0.05874 | 8.22380 | sol | 3 | 74 | 0.05878 | 4.35000 |
| cteol | 5 | 60 | 0.13444 | 8.06666 | kceol | 5 | 21 | 0.20476 | 4.30000 |

Table 11.11: Matrix of the Most Common Adfixes Defining Near-Repetition Words

| Suffix | ce | cte | cse | + k \| ke \| d | + l or lk | ok | ot | op | yk | yt | qok | qot | qop |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ain** | | | | | | okain | otain | | | | qokain | | |
| **aiin** | ceaiin | | | | | okaiin | otaiin | | ykaiin | ytaiin | qokaiin | | |
| **al** | ceal | | | | | okal | otal | | | | qokal | | |
| **ar** | cear | ctear | | | | okar | otar | | | | qokar | | |
| **ear** | ceear | | csear | | | | | | | | | | |
| **ckey** | ceckey | | | | | | | | | | | | |
| **ctey** | cectey | | | | | | | | | | | | |
| **dy** | cedy | | | kedy | lkedy | okedy | otedy | | | ytedy | qokedy , qokcedy | qotedy | |
| **edy** | ceedy | | cseedy | | lceedy, lcseedy | okeedy | oteedy | opceedy | | | qokeedy | qoteedy | qopceedy |
| **eey** | ceeey | | | | | | | | | | | | |
| **eol** | ceeol | | cseeol | | | | | | | | | | |
| **eor** | ceeor | | | | | | | | | | | | |
| **ody** | ceody | | | | | okody | | | | | | | |
| **okeey** | ceokeey | | | | | | | | | | | | |
| **oky** | ceoky | | | | | | | | | | | | |
| **ol** | ceol | cteol | cseol | kceol | | okeol | otol | | | | qokol, qol | | |
| **or** | ceor | | | dceor | | | | | | | | | |
| **oty** | ceoty | | | | | | | | | | | | |
| **y** | cey | ctey | csey | | | oky, okey | oty, otcey | | | | qokcey, qokey | qotcey | |
| **ey** | ceey | | cseey | keey, ckeey | lkeey | okeey | oteey | | ykeey | | qokeey | qotceey | |
| **o** | | | cseo | | | | | | | | | | |

Table 11.12: Top 50 Words Occurring Prior to Near-Repetitions

| Next Word | Word Length | Word Count | Boundary Count | Document Share | Boundary Share | Boundary Differential | Next Word | Word Length | Word Count | Boundary Count | Document Share | Boundary Share | Boundary Differential |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| daiin | 5 | 864 | 73 | 0.02252 | 0.07032 | 0.04780 | dol | 3 | 117 | 7 | 0.00304 | 0.00674 | 0.00369 |
| ar | 2 | 364 | 30 | 0.00948 | 0.02890 | 0.01941 | r | 1 | 94 | 6 | 0.00245 | 0.00578 | 0.00332 |
| dar | 3 | 323 | 27 | 0.00842 | 0.02601 | 0.01759 | dceol | 5 | 26 | 4 | 0.00067 | 0.00385 | 0.00317 |
| dy | 2 | 267 | 23 | 0.00696 | 0.02215 | 0.01519 | orain | 5 | 27 | 4 | 0.00070 | 0.00385 | 0.00314 |
| al | 2 | 270 | 19 | 0.00703 | 0.01830 | 0.01126 | qo | 2 | 30 | 4 | 0.00078 | 0.00385 | 0.00307 |
| dain | 4 | 209 | 17 | 0.00544 | 0.01637 | 0.01092 | tedy | 4 | 42 | 4 | 0.00109 | 0.00385 | 0.00275 |
| ol | 2 | 548 | 26 | 0.01428 | 0.02504 | 0.01076 | o | 1 | 81 | 5 | 0.00211 | 0.00481 | 0.00270 |
| saiin | 5 | 144 | 15 | 0.00375 | 0.01445 | 0.01069 | lr | 2 | 12 | 3 | 0.00031 | 0.00289 | 0.00257 |
| or | 2 | 378 | 20 | 0.00985 | 0.01926 | 0.00941 | olkal | 5 | 12 | 3 | 0.00031 | 0.00289 | 0.00257 |
| aiin | 4 | 474 | 22 | 0.01235 | 0.02119 | 0.00883 | tol | 3 | 50 | 4 | 0.00130 | 0.00385 | 0.00255 |
| dal | 3 | 250 | 15 | 0.00651 | 0.01445 | 0.00793 | kair | 4 | 14 | 3 | 0.00036 | 0.00289 | 0.00252 |
| s | 1 | 243 | 13 | 0.00633 | 0.01252 | 0.00618 | ain | 3 | 88 | 5 | 0.00229 | 0.00481 | 0.00252 |
| lol | 3 | 43 | 7 | 0.00112 | 0.00674 | 0.00562 | lo | 2 | 15 | 3 | 0.00039 | 0.00289 | 0.00249 |
| sain | 4 | 68 | 7 | 0.00177 | 0.00674 | 0.00497 | kar | 3 | 52 | 4 | 0.00135 | 0.00385 | 0.00249 |
| taiin | 5 | 45 | 6 | 0.00117 | 0.00578 | 0.00460 | tain | 4 | 16 | 3 | 0.00041 | 0.00289 | 0.00247 |
| sar | 3 | 83 | 7 | 0.00216 | 0.00674 | 0.00458 | ols | 3 | 18 | 3 | 0.00046 | 0.00289 | 0.00242 |
| ody | 3 | 49 | 6 | 0.00127 | 0.00578 | 0.00450 | sal | 3 | 55 | 4 | 0.00143 | 0.00385 | 0.00241 |
| l | 1 | 57 | 6 | 0.00148 | 0.00578 | 0.00429 | rol | 3 | 20 | 3 | 0.00052 | 0.00289 | 0.00236 |
| dam | 3 | 98 | 7 | 0.00255 | 0.00674 | 0.00418 | soiin | 5 | 20 | 3 | 0.00052 | 0.00289 | 0.00236 |
| lkedy | 5 | 29 | 5 | 0.00075 | 0.00481 | 0.00406 | teey | 4 | 20 | 3 | 0.00052 | 0.00289 | 0.00236 |
| lkain | 5 | 35 | 5 | 0.00091 | 0.00481 | 0.00390 | kcedy | 5 | 20 | 3 | 0.00052 | 0.00289 | 0.00236 |
| loty | 4 | 4 | 4 | 0.00010 | 0.00385 | 0.00374 | kceedy | 6 | 21 | 3 | 0.00054 | 0.00289 | 0.00234 |
| lkeey | 5 | 41 | 5 | 0.00106 | 0.00481 | 0.00374 | daiiin | 6 | 22 | 3 | 0.00057 | 0.00289 | 0.00231 |
| olkeedy | 7 | 42 | 5 | 0.00109 | 0.00481 | 0.00372 | daiir | 5 | 23 | 3 | 0.00059 | 0.00289 | 0.00229 |
| lor | 3 | 43 | 5 | 0.00112 | 0.00481 | 0.00369 | ldy | 3 | 26 | 3 | 0.00067 | 0.00289 | 0.00221 |

Table 11.13: Leading Repetition Boundaries Formed by Outer Fences

| Prior Word | Next Word | Word Count #1 | Word Count #2 | Boundary Count | Expected Boundary Count | Boundary Count Difference |
|---|---|---|---|---|---|---|
| daiin | daiin | 864 | 864 | 8 | 0.53 | 7.47 |
| daiin | ol | 864 | 548 | 4 | 0.336 | 3.664 |
| daiin | dy | 864 | 267 | 3 | 0.164 | 2.836 |
| aiin | daiin | 474 | 864 | 3 | 0.291 | 2.709 |
| dar | daiin | 323 | 864 | 3 | 0.198 | 2.802 |
| daiin | dor | 864 | 73 | 2 | 0.045 | 1.955 |
| daiin | dain | 864 | 209 | 2 | 0.128 | 1.872 |
| daiin | dal | 864 | 250 | 2 | 0.153 | 1.847 |
| daiin | dar | 864 | 323 | 2 | 0.198 | 1.802 |
| aiin | dy | 474 | 267 | 2 | 0.09 | 1.91 |
| dain | daiin | 209 | 864 | 2 | 0.128 | 1.872 |
| aiin | ol | 474 | 548 | 2 | 0.184 | 1.816 |
| daiin | kar | 864 | 52 | 2 | 0.032 | 1.968 |
| daiin | or | 864 | 378 | 2 | 0.232 | 1.768 |
| daiin | olkeedy | 864 | 42 | 2 | 0.026 | 1.974 |
| daiin | r | 864 | 94 | 2 | 0.058 | 1.942 |
| dar | al | 323 | 270 | 2 | 0.062 | 1.938 |
| daiin | s | 864 | 243 | 2 | 0.149 | 1.851 |
| ol | ol | 548 | 548 | 2 | 0.213 | 1.787 |
| olkeedy | dy | 42 | 267 | 2 | 0.008 | 1.992 |
| saiin | daiin | 144 | 864 | 2 | 0.088 | 1.912 |

Table 11.14: Leading Repetition Boundaries Formed by Prior-1st Word Boundaries

| Prior Word | 1st Word | Word Count #1 | Word Count #2 | Boundary Count | Expected Boundary Count | Boundary Count Difference |
|---|---|---|---|---|---|---|
| qol | cseey | 151 | 289 | 3 | 0.033 | 2.967 |
| aiin | okal | 474 | 141 | 3 | 0.05 | 2.95 |
| yceor | ctey | 15 | 112 | 2 | 0.001 | 1.999 |
| dain | otcey | 209 | 49 | 2 | 0.008 | 1.992 |
| qol | cseeedy | 151 | 84 | 2 | 0.009 | 1.991 |
| sol | cseol | 74 | 188 | 2 | 0.01 | 1.99 |
| tol | ceedy | 50 | 499 | 2 | 0.019 | 1.981 |
| daiin | cteor | 864 | 45 | 2 | 0.029 | 1.971 |
| dain | okaiin | 209 | 208 | 2 | 0.032 | 1.968 |
| daiin | cseody | 864 | 56 | 2 | 0.036 | 1.964 |
| daiin | cteol | 864 | 60 | 2 | 0.039 | 1.961 |
| qol | ceedy | 151 | 499 | 2 | 0.056 | 1.944 |
| ol | ceeol | 548 | 169 | 2 | 0.069 | 1.931 |
| ar | ceey | 364 | 339 | 2 | 0.092 | 1.908 |
| daiin | otaiin | 864 | 153 | 2 | 0.099 | 1.901 |
| al | ceedy | 270 | 499 | 2 | 0.1 | 1.9 |
| dar | cseedy | 323 | 429 | 2 | 0.103 | 1.897 |
| dar | ceedy | 323 | 499 | 2 | 0.12 | 1.88 |
| daiin | okaiin | 864 | 208 | 2 | 0.134 | 1.866 |
| daiin | cseedy | 864 | 429 | 2 | 0.276 | 1.724 |
| daiin | ceedy | 864 | 499 | 2 | 0.321 | 1.679 |

Table 11.15 Groups of Words Preceding and Following Repetitive Phrases

| Repetitive Phrase Group | Count | % of All | Prior Word Type | Count | % of All | Next Word Type | Count | % of All |
|---|---|---|---|---|---|---|---|---|
| c \| c[s \| t] + e | 89 | 27.64 | Other | 95 | 29.503 | Other | 101 | 31.366 |
| qo[fptk] | 78 | 24.224 | c \| c[s \| t] + e | 89 | 27.64 | c \| c[s \| t] + e | 94 | 29.193 |
| [yo][fptk] | 58 | 18.012 | qo[fptk] | 58 | 18.012 | qo[fptk] | 48 | 14.907 |
| Other Repeaters | 42 | 13.043 | [yo][fptk] | 58 | 18.012 | c \| c[s \| t] + e | 41 | 12.733 |
| [ao][lr] | 30 | 9.317 | daiin Group | 15 | 4.658 | daiin Group | 21 | 6.522 |
| daiin Group | 25 | 7.764 | [ao][lr] | 7 | 2.174 | [ao][lr] | 17 | 5.28 |
| **Near-Repetition Group** | **Count** | **% of All** | **Prior Word Type** | **Count** | **% of All** | **Next Word Type** | **Count** | **% of All** |
| c \| c[s \| t] + e | 3484 | 56.221 | Other | 2157 | 34.807 | Other | 2218 | 35.792 |
| [yo][fptk] | 1693 | 27.32 | c \| c[s \| t] + e | 1732 | 27.949 | c \| c[s \| t] + e | 1727 | 27.868 |
| qo[fptk] | 867 | 13.991 | [yo][fptk] | 1003 | 16.185 | [yo][fptk] | 1022 | 16.492 |
| [ao][lr] | 118 | 1.904 | qo[fptk] | 780 | 12.587 | qo[fptk] | 744 | 12.006 |
| daiin Group | 35 | 0.565 | daiin Group | 312 | 5.035 | daiin Group | 301 | 4.857 |
| | | | [ao][lr] | 213 | 3.437 | [ao][lr] | 185 | 2.985 |

Table 11.16 Groups of Words Preceding and Following Repetitive Phrases, Broken Down by Phrase Types

| Prior Word Group | Count | Prior Word % | Next Word Group | Count | Next Word % |
|---|---|---|---|---|---|
| **[ao][lr]** | | | | | |
| [yo][fptk] | 10 | 33.333 | Other | 11 | 36.667 |
| c[ts]e | 6 | 20 | daiin Group | 6 | 20 |
| Other | 5 | 16.667 | [ao][lr] | 5 | 16.667 |
| qo[fptk] | 4 | 13.333 | c[*ts*]e | 5 | 16.667 |
| [ao][lr] | 3 | 10 | [yo][fptk] | 3 | 10 |
| daiin Group | 2 | 6.667 | qo[fptk] | 0 | 0 |
| **daiin Group** | | | | | |
| Other | 9 | 36 | Other | 11 | 44 |
| c[*ts*]e | 6 | 24 | c[*ts*]e | 5 | 20 |
| [yo][fptk] | 4 | 16 | daiin Group | 3 | 12 |
| qo[fptk] | 3 | 12 | qo[fptk] | 3 | 12 |
| daiin Group | 2 | 8 | [yo][fptk] | 3 | 12 |
| [ao][lr] | 1 | 4 | [ao][lr] | 0 | 0 |
| **c[*ts*]e** | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| c[*ts*]e | 28 | 31.461 | c[*ts*]e | 33 | 37.079 |
| Other | 26 | 29.213 | Other | 32 | 35.955 |
| qo[fptk] | 15 | 16.854 | qo[fptk] | 9 | 10.112 |
| [yo][fptk] | 15 | 16.854 | daiin Group | 7 | 7.865 |
| daiin Group | 3 | 3.371 | [yo][fptk] | 6 | 6.742 |
| [ao][lr] | 2 | 2.247 | [ao][lr] | 2 | 2.247 |
| **qo[fptk]** | | | | | |
| c[*ts*]e | 28 | 35.897 | qo[fptk] | 30 | 38.462 |
| qo[fptk] | 24 | 30.769 | c[*ts*]e | 26 | 33.333 |
| Other | 20 | 25.641 | Other | 14 | 17.949 |
| [yo][fptk] | 5 | 6.41 | [yo][fptk] | 5 | 6.41 |
| [ao][lr] | 1 | 1.282 | daiin Group | 2 | 2.564 |
| daiin Group | 0 | 0 | [ao][lr] | 1 | 1.282 |
| **[yo][fptk]** | | | | | |
| Other | 19 | 32.759 | [yo][fptk] | 18 | 31.034 |
| [yo][fptk] | 16 | 27.586 | Other | 15 | 25.862 |
| qo[fptk] | 9 | 15.517 | c[*ts*]e | 14 | 24.138 |
| c[*ts*]e | 9 | 15.517 | [ao][lr] | 6 | 10.345 |
| daiin Group | 5 | 8.621 | qo[fptk] | 4 | 6.897 |
| [ao][lr] | 0 | 0 | daiin Group | 1 | 1.724 |
| **Other Repeaters** | | | | | |
| Other | 16 | 38.095 | Other | 18 | 42.857 |
| c[*ts*]e | 12 | 28.571 | c[*ts*]e | 11 | 26.19 |
| [yo][fptk] | 8 | 19.048 | [yo][fptk] | 6 | 14.286 |
| daiin Group | 3 | 7.143 | [ao][lr] | 3 | 7.143 |
| qo[fptk] | 3 | 7.143 | daiin Group | 2 | 4.762 |
| [ao][lr] | 0 | 0 | qo[fptk] | 2 | 4.762 |

Table 11.17 Repetition Types by Text Ring Membership

| Sequence Type | Text Ring Count | Non-Text Ring Count | Ratio | Ratio Difference |
|---|---|---|---|---|
| [ao][lr] | 6 | 23 | 0.26086 | 0.18323 |
| [yo][fptk] | 9 | 46 | 0.19565 | 0.11801 |
| cse | 2 | 84 | 0.02380 | -0.05382 |
| daiin Group | 1 | 23 | 0.04347 | -0.03415 |
| Other | 6 | 36 | 0.16666 | 0.08903 |
| qo[fptk] | 1 | 71 | 0.01408 | -0.06355 |

Table 11.18: Importance of 2-Word Prior Phrases in Determining 4 Possible Types of Parasyntactics

| Prior Phrase | Document Phrase Count | Expected Count | # of Text Sequences with Winning Boundary Counts |
|---|---|---|---|
| **Superset of All 3** | | | |
| ceol daiin | 33 | 0.25959 | 4 |
| ceedy daiin | 9 | 0.32877 | 3 |
| ceor daiin | 10 | 0.14231 | 3 |
| or aiin | 52 | 0.13589 | 3 |
| s aiin | 32 | 0.08736 | 3 |
| dair al | 6 | 0.02179 | 3 |
| daiin daiin | 20 | 0.56992 | 2 |
| ol daiin | 20 | 0.36106 | 2 |
| dy dy | 8 | 0.05430 | 2 |
| cteol daiin | 6 | 0.03953 | 2 |
| okar ar | 14 | 0.03909 | 2 |
| o aiin | 6 | 0.02912 | 2 |
| am saiin | 3 | 0.00932 | 2 |
| cey tar | 2 | 0.00522 | 2 |
| air am | 3 | 0.00511 | 2 |
| qokeey ly | 2 | 0.00326 | 2 |
| ol ol | 7 | 0.22874 | 1 |
| qokeey daiin | 11 | 0.20161 | 1 |
| ol aiin | 13 | 0.19701 | 1 |
| cseey daiin | 5 | 0.19041 | 1 |
| **The *cse*-Group** | | | |
| cseey qokain | 18 | 0.05463 | 3 |
| daiin dal | 13 | 0.14653 | 2 |
| cseol daiin | 10 | 0.11019 | 2 |
| dar dar | 6 | 0.07069 | 2 |
| qokeedy qokeedy | 17 | 0.06344 | 2 |
| otol daiin | 7 | 0.05040 | 2 |
| aiin okal | 9 | 0.04637 | 2 |
| qokeedy qokal | 7 | 0.03981 | 2 |
| cteol daiin | 6 | 0.03516 | 2 |
| dor aiin | 3 | 0.02334 | 2 |
| sor aiin | 5 | 0.01823 | 2 |
| ykeey okeey | 4 | 0.00719 | 2 |
| okedy qotal | 2 | 0.00479 | 2 |
| sy saiin | 4 | 0.00370 | 2 |
| ceedy daiin | 9 | 0.29247 | 1 |
| ceol daiin | 33 | 0.23093 | 1 |
| ol aiin | 13 | 0.17526 | 1 |
| cseedy ol | 7 | 0.15892 | 1 |
| ar ol | 8 | 0.13516 | 1 |
| or aiin | 52 | 0.12089 | 1 |

| Prior Phrase | Document Phrase Count | Expected Count | # of Text Sequences with Winning Boundary Counts |
|---|---|---|---|
| **The [yo][fptk] Group** | | | |
| or aiin | 52 | 0.08446 | 3 |
| s aiin | 32 | 0.05430 | 3 |
| ceedy daiin | 9 | 0.20435 | 2 |
| ar aiin | 23 | 0.08134 | 2 |
| otar ar | 9 | 0.02498 | 2 |
| or aiiin | 10 | 0.00859 | 2 |
| daiin daiin | 20 | 0.35423 | 1 |
| ceey daiin | 8 | 0.13882 | 1 |
| ol aiin | 13 | 0.12245 | 1 |
| ol cseedy | 21 | 0.11104 | 1 |
| dy daiin | 12 | 0.10934 | 1 |
| daiin ceor | 8 | 0.08845 | 1 |
| ceedy dar | 4 | 0.07630 | 1 |
| ceedy qokeey | 19 | 0.07229 | 1 |
| qokain ceedy | 12 | 0.06591 | 1 |
| qokedy ceedy | 11 | 0.06496 | 1 |
| ceedy qokaiin | 12 | 0.06189 | 1 |
| al aiin | 4 | 0.06033 | 1 |
| saiin daiin | 4 | 0.05897 | 1 |
| aiin qokaiin | 1 | 0.05854 | 1 |
| **The qo-Group** | | | |
| ol cseedy | 21 | 0.07174 | 4 |
| qokeedy ceey | 2 | 0.03173 | 2 |
| cseor daiin | 6 | 0.02619 | 2 |
| qokal cseedy | 13 | 0.02513 | 2 |
| qol ceedy | 19 | 0.02304 | 2 |
| qokain cseeol | 4 | 0.00955 | 2 |
| tedy lceedy | 2 | 0.00152 | 2 |
| daiin daiin | 20 | 0.22888 | 1 |
| daiin cseedy | 4 | 0.11325 | 1 |
| dy daiin | 12 | 0.07064 | 1 |
| ceedy cseedy | 3 | 0.06533 | 1 |
| ceol ceedy | 4 | 0.06014 | 1 |
| ol ceey | 6 | 0.05682 | 1 |
| aiin ceey | 8 | 0.04894 | 1 |
| qokeey ceedy | 4 | 0.04670 | 1 |
| daiin ceeol | 3 | 0.04471 | 1 |
| cseedy ceey | 4 | 0.04438 | 1 |
| dar cseedy | 6 | 0.04228 | 1 |
| qokedy ceedy | 11 | 0.04197 | 1 |
| daiin okedy | 4 | 0.03175 | 1 |

Table 11.19: Distribution of Prefixes for Text Rings vs. Ordinary Paragraphs

| Prefix | Text Ring Count | Non-Text Ring Count | Text Ring Difference | Prefix | Text Ring Count | Non-Text Ring Count | Text Ring Difference |
|---|---|---|---|---|---|---|---|
| [yo][fptk] | 822 | 5340 | 0.15508 | qo | 77 | 5179 | -0.12271 |
| o-other | 112 | 503 | 0.02771 | [fptk \| dly]c | 38 | 2175 | -0.04938 |
| al | 88 | 402 | 0.02157 | c[st]e | 581 | 8985 | -0.04322 |
| ar | 77 | 412 | 0.01711 | lk | 3 | 439 | -0.01173 |
| ai | 82 | 689 | 0.01088 | [dlr]o | 24 | 624 | -0.00920 |
| y-other | 26 | 167 | 0.00496 | [rt]a | 11 | 366 | -0.00656 |
| y[dlrs] | 13 | 79 | 0.00261 | [fptk]o | 27 | 550 | -0.00589 |
| so | 31 | 312 | 0.00260 | ka | 7 | 263 | -0.00505 |
| o[dlrsy] | 185 | 2312 | 0.00233 | ke | 17 | 345 | -0.00367 |
| ee | 10 | 51 | 0.00229 | da | 154 | 2101 | -0.00322 |
| sa | 38 | 440 | 0.00150 | ck | 8 | 202 | -0.00289 |
| am | 10 | 80 | 0.00144 | q-other | 4 | 123 | -0.00209 |
| te | 18 | 186 | 0.00137 | rc | 0 | 71 | -0.00208 |
| se | 4 | 12 | 0.00116 | cp | 4 | 122 | -0.00206 |
| ec | 3 | 1 | 0.00110 | lt | 0 | 36 | -0.00105 |
| ep | 3 | 2 | 0.00107 | ky | 0 | 28 | -0.00082 |
| rk | 3 | 4 | 0.00102 | pa | 1 | 37 | -0.00070 |
| at | 3 | 5 | 0.00099 | ct | 0 | 23 | -0.00067 |
| dl | 5 | 32 | 0.00095 | sc | 5 | 86 | -0.00062 |
| ad | 3 | 7 | 0.00093 | ld | 2 | 47 | -0.00062 |
| ek | 3 | 9 | 0.00087 | cf | 1 | 32 | -0.00055 |
| de | 5 | 35 | 0.00086 | ty | 0 | 19 | -0.00055 |
| dy | 25 | 297 | 0.00076 | ac | 0 | 18 | -0.00052 |
| cs | 2 | 4 | 0.00064 | lr | 0 | 17 | -0.00049 |
| as | 2 | 4 | 0.00064 | py | 0 | 16 | -0.00046 |
| dd | 2 | 5 | 0.00061 | la | 2 | 41 | -0.00044 |
| et | 3 | 22 | 0.00049 | pd | 0 | 15 | -0.00043 |
| ks | 1 | 3 | 0.00029 | ly | 0 | 14 | -0.00041 |
| dp | 1 | 3 | 0.00029 | sk | 0 | 14 | -0.00041 |
| cc | 1 | 3 | 0.00029 | ry | 0 | 14 | -0.00041 |
| sy | 4 | 42 | 0.00028 | fa | 0 | 10 | -0.00029 |
| an | 1 | 5 | 0.00023 | lf | 0 | 10 | -0.00029 |
| eo | 1 | 5 | 0.00023 | dt | 0 | 7 | -0.00020 |
| le | 1 | 6 | 0.00020 | td | 0 | 6 | -0.00017 |
| ea | 1 | 6 | 0.00020 | ds | 0 | 4 | -0.00011 |
| dk | 2 | 19 | 0.00020 | co | 0 | 4 | -0.00011 |
| ak | 1 | 12 | 2.72300E-05 | es | 0 | 4 | -0.00011 |
| ll | 1 | 12 | 2.72300E-05 | ls | 1 | 16 | -9.00995E-05 |
| | | | | lp | 1 | 16 | -9.00995E-05 |

Table 11.20: Distribution of Suffixes for Text Rings vs. Ordinary Paragraphs

| Prefix | Text Ring Count | Non-Text Ring Count | Text Ring Difference | Prefix | Text Ring Count | Non-Text Ring Count | Text Ring Difference |
|---|---|---|---|---|---|---|---|
| a[lrsm \| n] | 569 | 4899 | 0.07207 | in | 268 | 5575 | -0.06189 |
| es | 82 | 294 | 0.02247 | d[lrsy] | 340 | 6315 | -0.05629 |
| ly | 75 | 368 | 0.01764 | o[dlrsy] | 394 | 6045 | -0.02790 |
| ir | 82 | 509 | 0.01616 | ey | 391 | 5687 | -0.01853 |
| e[op] | 78 | 749 | 0.00760 | ky | 37 | 668 | -0.00556 |
| o-other | 30 | 198 | 0.00556 | om | 5 | 184 | -0.00350 |
| [rs][yo] | 35 | 339 | 0.00332 | ty | 23 | 408 | -0.00324 |
| er | 11 | 32 | 0.00323 | e[eadlg] | 24 | 391 | -0.00236 |
| e-other | 11 | 67 | 0.00220 | im | 2 | 58 | -0.00094 |
| a-other | 10 | 55 | 0.00217 | lr | 0 | 27 | -0.00079 |
| ay | 6 | 8 | 0.00204 | ok | 0 | 26 | -0.00076 |
| gy | 4 | 0 | 0.00151 | kl | 0 | 26 | -0.00076 |
| is | 6 | 36 | 0.00121 | y[rs] | 3 | 53 | -0.00041 |
| yl | 4 | 13 | 0.00113 | py | 2 | 40 | -0.00041 |
| my | 3 | 5 | 0.00099 | et | 0 | 10 | -0.00029 |
| og | 3 | 7 | 0.00093 | ll | 1 | 22 | -0.00026 |
| em | 3 | 7 | 0.00093 | op | 0 | 9 | -0.00026 |
| ot | 4 | 23 | 0.00084 | dg | 0 | 7 | -0.00020 |
| ny | 3 | 13 | 0.00075 | fy | 1 | 19 | -0.00017 |
| ls | 9 | 96 | 0.00059 | il | 0 | 6 | -0.00017 |
| rl | 2 | 11 | 0.00043 | yk | 0 | 6 | -0.00017 |
| lo | 2 | 12 | 0.00040 | ef | 0 | 5 | -0.00014 |
| ss | 1 | 3 | 0.00029 | do | 0 | 5 | -0.00014 |
| dm | 1 | 3 | 0.00029 | de | 0 | 4 | -0.00011 |
| cs | 1 | 4 | 0.00026 | ai | 0 | 4 | -0.00011 |
| cy | 1 | 5 | 0.00023 | rg | 0 | 4 | -0.00011 |
| ag | 1 | 5 | 0.00023 | lk | 0 | 4 | -0.00011 |
| sa | 1 | 5 | 0.00023 | en | 1 | 15 | -0.00006 |
| rd | 1 | 5 | 0.00023 | | | | |
| lm | 1 | 5 | 0.00023 | | | | |
| of | 1 | 5 | 0.00023 | | | | |
| tl | 1 | 6 | 0.00020 | | | | |
| ad | 1 | 6 | 0.00020 | | | | |
| ek | 2 | 21 | 0.00014 | | | | |
| sd | 1 | 9 | 0.00011 | | | | |
| ld | 3 | 35 | 0.00011 | | | | |

Table 11.21: Change in Ranks among Possible Connectives in Text Rings vs. Ordinary Paragraphs

| Text Rings | | | | | | Paragraphs | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Rank | Word | Word Count | Text Ring Count | Non-Text Ring Count | Text Ring Score | Word | Word Count | Text Ring Count | Non-Text Ring Count | Text Ring Score |
| 1 | ar | 364 | 59 | 287 | 0.01395 | daiin | 864 | 26 | 828 | -0.01442 |
| 2 | al | 270 | 49 | 211 | 0.01239 | ol | 548 | 32 | 511 | -0.00285 |
| 3 | aiin | 474 | 44 | 421 | 0.00433 | ceedy | 499 | 12 | 485 | -0.00967 |
| 4 | ol | 548 | 32 | 511 | -0.00285 | aiin | 474 | 44 | 421 | 0.00433 |
| 5 | dar | 323 | 30 | 278 | 0.00322 | cseedy | 429 | 11 | 413 | -0.00794 |
| 6 | or | 378 | 30 | 340 | 0.00140 | ceol | 394 | 17 | 371 | -0.00443 |
| 7 | dal | 250 | 28 | 215 | 0.00431 | or | 378 | 30 | 340 | 0.00140 |
| 8 | oteey | 140 | 28 | 108 | 0.00745 | ceey | 339 | 16 | 321 | -0.00334 |
| 9 | daiin | 864 | 26 | 828 | -0.01442 | qokeedy | 306 | 0 | 305 | -0.00894 |
| 10 | dy | 267 | 21 | 237 | 0.00101 | qokeey | 306 | 3 | 302 | -0.00772 |
| 11 | air | 79 | 19 | 56 | 0.00556 | ar | 364 | 59 | 287 | 0.01395 |
| 12 | s | 243 | 17 | 210 | 0.00028 | dar | 323 | 30 | 278 | 0.00322 |
| 13 | ceol | 394 | 17 | 371 | -0.00443 | qokain | 279 | 0 | 275 | -0.00806 |
| 14 | oteody | 39 | 17 | 19 | 0.00588 | qokedy | 275 | 2 | 273 | -0.00724 |
| 15 | oteos | 29 | 17 | 10 | 0.00615 | cseey | 289 | 15 | 270 | -0.00223 |
| 16 | okeey | 177 | 16 | 155 | 0.00152 | qokaiin | 262 | 0 | 261 | -0.00765 |
| 17 | ceey | 339 | 16 | 321 | -0.00334 | dy | 267 | 21 | 237 | 0.00101 |
| 18 | cseey | 289 | 15 | 270 | -0.00223 | dal | 250 | 28 | 215 | 0.00431 |
| 19 | otar | 145 | 15 | 125 | 0.00202 | ceor | 216 | 0 | 213 | -0.00624 |
| 20 | dair | 106 | 14 | 88 | 0.00272 | al | 270 | 49 | 211 | 0.01239 |

Table 11.22: Probable General-Usage Words Appearing in the Text Rings or Text Ring-Like Labels

| Word | Count within Text Rings |
|---|---|
| ar | 59 |
| al | 49 |
| aiin | 44 |
| ol | 32 |
| or | 30 |
| dar | 30 |
| dal | 28 |
| daiin | 26 |
| dy | 21 |
| air | 19 |
| s | 17 |
| dair | 14 |
| o | 13 |
| am | 10 |
| y | 10 |
| r | 8 |
| l | 4 |

Table 11.23: Top 100 Words Not Prefixable by *q*

| Rank | Word | Document Count | Rank | Word | Document Count | Rank | Word | Document Count | Rank | Word | Document Count |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | daiin | 835 | 26 | csey | 105 | 51 | l | 57 | 75 | ytaiin | 42 |
| 2 | ceedy | 496 | 26 | dair | 105 | 52 | sor | 56 | 77 | taiin | 41 |
| 3 | cseedy | 422 | 28 | cseor | 97 | 53 | sal | 55 | 77 | lkeedy | 41 |
| 4 | ceol | 388 | 29 | ceeor | 95 | 53 | cseody | 55 | 77 | lkeey | 41 |
| 5 | ar | 354 | 29 | dam | 95 | 55 | keedy | 51 | 80 | tedy | 40 |
| 6 | ceey | 337 | 31 | ceody | 92 | 55 | csedy | 51 | 81 | kedy | 39 |
| 7 | dar | 316 | 31 | r | 92 | 57 | cseeody | 50 | 82 | sy | 38 |
| 8 | cseey | 283 | 33 | ain | 87 | 57 | d | 50 | 82 | cseeky | 38 |
| 9 | al | 259 | 34 | ceeody | 86 | 59 | kar | 49 | 84 | ceoky | 37 |
| 10 | dy | 257 | 35 | cseeedy | 84 | 60 | tol | 48 | 85 | olor | 36 |
| 11 | dal | 240 | 36 | am | 82 | 60 | cseeor | 48 | 85 | ykar | 36 |
| 12 | s | 234 | 37 | sar | 81 | 60 | aiiin | 48 | 87 | ceos | 35 |
| 13 | dain | 208 | 38 | air | 79 | 60 | lkaiin | 48 | 87 | ceoty | 35 |
| 14 | cseol | 186 | 39 | cectey | 76 | 64 | ceear | 47 | 87 | cseeckey | 35 |
| 15 | ceeey | 173 | 40 | sol | 72 | 65 | ceeckey | 46 | 87 | lkain | 35 |
| 16 | ceeol | 165 | 40 | raiin | 72 | 66 | lceey | 45 | 91 | dcseedy | 34 |
| 17 | cey | 150 | 42 | dor | 69 | 66 | cseeo | 45 | 91 | cees | 34 |
| 18 | cedy | 149 | 43 | ceeo | 66 | 68 | cteor | 44 | 93 | ceees | 33 |
| 19 | cseeey | 145 | 44 | kaiin | 65 | 68 | ceaiin | 44 | 93 | ceeos | 33 |
| 20 | saiin | 142 | 44 | ceo | 65 | 68 | ceodaiin | 44 | 95 | ceedaiin | 32 |
| 21 | ceckey | 140 | 46 | ceeky | 64 | 71 | lol | 43 | 96 | ykeedy | 31 |
| 22 | cseo | 128 | 47 | cseckey | 60 | 71 | lor | 43 | 96 | ckeey | 31 |
| 23 | lceedy | 119 | 48 | cteol | 59 | 71 | tar | 43 | 96 | ceedar | 31 |
| 24 | dol | 114 | 48 | ceeedy | 59 | 71 | ceal | 43 | 96 | csectey | 31 |
| 25 | cseeol | 108 | 50 | ykeey | 58 | 75 | lcseedy | 42 | 100 | daly | 30 |

Table 11.24: Changes in the Upper Ranks of the Top 100 when qo- is Consolidated with [yo]-Nouns

| Group | % of the Document Count in the Top 100 | | Document Count in the Top 100 | | Distinct Count in the Top 100 | |
|---|---|---|---|---|---|---|
| | Without q | With q | Without q | With q | Without q | With q |
| ce-Initial | 18.191 | 16.653 | 2921 | 2923 | 18 | 18 |
| Q-Noun Candidate | 17.905 | 0 | 2875 | 0 | 19 | 0 |
| Noun | 16.653 | 37.346 | 2674 | 6555 | 23 | 38 |
| daiin Group | 13.496 | 12.363 | 2167 | 2170 | 10 | 10 |
| cs-Initial | 10.22 | 9.965 | 1641 | 1749 | 10 | 12 |
| [ao][lr] Group | 9.697 | 9.856 | 1557 | 1730 | 4 | 4 |
| [ds][ao][lrm] + dy Group | 7.972 | 7.931 | 1280 | 1392 | 8 | 10 |
| Single-Letter Word Group | 3.531 | 3.737 | 567 | 656 | 4 | 5 |
| Other (am, lceedy) | 1.264 | 1.157 | 203 | 203 | 2 | 2 |
| ct-Initial | 1.071 | 0.991 | 172 | 174 | 2 | 2 |

Table 12.1: Frequency List Consolidation of 6 Natural Languages via Fuzzy Sets

| Composite Rank | English Word | English Rank | Best Rank | Worst Rank | Min Translation Score | Instance Count | Rank Score | Parts Of Speech |
|---|---|---|---|---|---|---|---|---|
| 1 | and | 5 | 1 | 95 | 0.300 | 17 | 4568.367 | Coordinating Conjunction |
| 2 | that | 8 | 3 | 83 | 0.167 | 17 | 3192.400 | Relative/Interrogative Pronoun |
| 3 | or | 31 | 17 | 79 | 1.000 | 9 | 2630.000 | Coordinating Conjunction |
| 4 | you | 18 | 18 | 55 | 0.333 | 9 | 2377.667 | Personal Pronoun |
| 5 | this | 21 | 7 | 94 | 0.333 | 9 | 2317.000 | Demonstrative Pronoun |
| 6 | the | 1 | 1 | 21 | 1.000 | 7 | 2278.000 | Definite Article |
| 7 | time | 55 | 49 | 90 | 0.200 | 12 | 2250.533 | Noun |
| 8 | for | 12 | 10 | 89 | 0.167 | 12 | 2159.433 | Adposition |
| 9 | he | 16 | 2 | 84 | 0.200 | 10 | 2138.700 | Personal Pronoun |
| 10 | in | 7 | 2 | 22 | 0.167 | 10 | 1972.000 | Adposition |
| 11 | be | 2 | 2 | 98 | 0.333 | 8 | 1894.333 | Verb |
| 12 | not | 13 | 3 | 75 | 0.333 | 9 | 1885.667 | Negation |
| 13 | my | 34 | 26 | 66 | 0.333 | 8 | 1872.167 | Possessive Pronoun |
| 14 | with | 15 | 10 | 87 | 0.333 | 8 | 1860.000 | Adposition |
| 15 | but | 22 | 11 | 58 | 0.167 | 10 | 1855.767 | Adposition, Adverb, Coordinating Conjunction (3) |
| 16 | to | 3 | 3 | 68 | 0.100 | 11 | 1778.667 | Adposition |
| 17 | it | 11 | 5 | 92 | 0.167 | 11 | 1749.000 | Personal Pronoun |
| 18 | by | 24 | 7 | 90 | 0.167 | 10 | 1673.667 | Adposition |
| 19 | from | 25 | 1 | 49 | 0.167 | 10 | 1611.000 | Adposition |
| 20 | I | 10 | 6 | 56 | 1.000 | 5 | 1573.000 | Personal Pronoun |
| 21 | now | 73 | 62 | 96 | 0.333 | 7 | 1414.867 | Noun |
| 22 | all | 36 | 12 | 60 | 0.667 | 6 | 1396.667 | Quantifier |
| 23 | our | 86 | 17 | 99 | 0.100 | 8 | 1390.467 | Possessive Pronoun |
| 24 | at | 20 | 2 | 87 | 0.167 | 10 | 1389.533 | Adposition |
| 25 | already | 217 | 34 | | 0.667 | 6 | 1369.667 | Adposition |
| 26 | if | 44 | 21 | 89 | 0.333 | 6 | 1365.000 | Subordinating Conjunction |
| 27 | two | 84 | 41 | 84 | 1.000 | 5 | 1357.000 | Number |
| 28 | so | 41 | 26 | 87 | 0.333 | 7 | 1348.833 | Coordinating Conjunction, Adverb (2) |
| 29 | year | 63 | 50 | 100 | 1.000 | 5 | 1335.000 | Noun |
| 30 | other | 70 | 28 | 85 | 0.500 | 6 | 1322.167 | Adjective |
| 31 | who | 46 | 2 | 92 | 0.200 | 8 | 1304.033 | Relative/Interrogative Pronoun |
| 32 | very | 217 | 24 | | 0.333 | 6 | 1293.667 | Adverb |
| 33 | day | 98 | 41 | 98 | 1.000 | 5 | 1287.000 | Noun |
| 34 | one | 35 | 16 | 67 | 0.167 | 7 | 1272.167 | Number |
| 35 | me | 50 | 29 | 67 | 0.500 | 5 | 1267.000 | Personal Pronoun |
| 36 | we | 27 | 23 | 31 | 0.333 | 5 | 1228.667 | Personal Pronoun |
| 37 | where | 217 | 48 | | 1.000 | 5 | 1179.000 | Relative/Interrogative Pronoun |
| 38 | first | 88 | 56 | 91 | 0.500 | 5 | 1176.500 | Adjective |
| 39 | can | 53 | 23 | 59 | 0.333 | 5 | 1173.000 | Verb |
| 40 | say | 28 | 28 | 49 | 0.500 | 5 | 1141.667 | Verb |
| 41 | what | 40 | 7 | 53 | 0.300 | 6 | 1138.800 | Relative/Interrogative Pronoun |
| 42 | because | 94 | 35 | 94 | 0.333 | 5 | 1124.000 | Subordinating Conjunction |
| 43 | only | 75 | 39 | 99 | 0.500 | 5 | 1122.333 | Adjective |
| 44 | however | 217 | 48 | | 0.667 | 5 | 1120.333 | Coordinating Conjunction |
| 45 | of | 4 | 1 | 34 | 0.100 | 8 | 1103.833 | Adposition |
| 46 | him | 58 | 27 | 93 | 0.100 | 6 | 1044.667 | Personal Pronoun |
| 47 | see | 69 | 69 | 94 | 1.000 | 4 | 1027.000 | Verb |
| 48 | do | 19 | 19 | 49 | 0.667 | 4 | 1011.333 | Verb, Noun (2) |
| 49 | then | 72 | 26 | 85 | 0.167 | 7 | 997.667 | Adverb |
| 50 | want | 93 | 61 | 93 | 0.167 | 5 | 995.333 | Verb |
| 51 | go | 49 | 49 | 95 | 0.667 | 4 | 994.000 | Verb, Noun (2) |
| 52 | after | 82 | 24 | 82 | 0.100 | 5 | 992.100 | Adposition |
| 53 | was | 217 | 43 | | 1.000 | 4 | 991.000 | Verb |
| 54 | on | 14 | 5 | 19 | 0.333 | 6 | 986.833 | Adposition |
| 55 | great | 217 | 47 | | 0.167 | 6 | 941.833 | Adjective |
| 56 | your | 64 | 26 | 66 | 0.167 | 4 | 930.833 | Possessive Pronoun |
| 57 | without | 217 | 31 | | 1.000 | 4 | 928.000 | Adposition |
| 58 | more | 217 | 19 | | 0.667 | 4 | 917.667 | Quantifier |
| 59 | come | 76 | 61 | 95 | 0.167 | 5 | 905.667 | Verb |
| 60 | as | 17 | 14 | 99 | 0.167 | 7 | 895.867 | Adverb, Subordinating Conjunction (2) |
| 61 | about | 45 | 18 | 90 | 0.100 | 7 | 886.567 | Adposition, Adverb (2) |
| 62 | life | 217 | 76 | | 1.000 | 4 | 884.000 | Noun |
| 63 | every | 217 | 13 | | 0.333 | 6 | 882.667 | Quantifier |
| 64 | which | 48 | 3 | 92 | 0.167 | 7 | 879.633 | Relative/Interrogative Pronoun |
| 65 | good | 65 | 47 | 86 | 0.333 | 4 | 872.000 | Adjective |
| 65 | have | 9 | 7 | 9 | 0.667 | 3 | 872.000 | Verb |
| 67 | man | 217 | 33 | | 0.667 | 4 | 865.333 | Noun |
| 68 | us | 100 | 31 | 100 | 0.333 | 4 | 861.333 | Personal Pronoun |
| 69 | there | 38 | 35 | 76 | 0.300 | 5 | 856.033 | Noun |
| 70 | himself | 217 | 17 | | 0.267 | 5 | 855.133 | Reflexive Pronoun |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 71 | when | 51 | 36 | 51 | 0.333 | 4 | 826.333 | Relative/Interrogative Pronoun |
| 72 | she | 30 | 15 | 38 | 0.667 | 3 | 823.000 | Personal Pronoun |
| 73 | -self | 217 | 9 | | 0.667 | 4 | 813.333 | Reflexive Pronoun |
| 74 | like | 54 | 14 | 88 | 0.100 | 5 | 806.100 | Adjective, Adposition, Adverb, Sub. Conjunction, Noun, Verb (6) |
| 75 | give | 97 | 46 | 97 | 1.000 | 3 | 805.000 | Verb |
| 76 | no | 56 | 15 | 75 | 0.500 | 4 | 804.167 | Negation |
| 77 | from the | 217 | 10 | | 1.000 | 3 | 764.000 | Adposition |
| 78 | can not | 217 | 8 | | 1.000 | 3 | 757.000 | Verb |
| 79 | its | 77 | 15 | 77 | 0.200 | 4 | 741.267 | Possessive Pronoun |
| 80 | some | 66 | 35 | 70 | 0.167 | 5 | 731.500 | Adjective, Noun, Personal Pronoun (3) |
| 81 | know | 59 | 51 | 79 | 0.667 | 3 | 721.333 | Verb, Noun (2) |
| 82 | is | 217 | 19 | | 1.000 | 3 | 719.000 | Verb |
| 83 | still | 217 | 34 | | 0.333 | 5 | 704.000 | Adjective |
| 84 | a | 6 | 6 | 16 | 0.500 | 3 | 703.833 | Indefinite Article |
| 85 | take | 60 | 43 | 68 | 0.500 | 3 | 700.500 | Verb, Noun (2) |
| 86 | between | 217 | 35 | | 1.000 | 3 | 698.000 | Adposition |
| 87 | her | 29 | 17 | 64 | 0.300 | 5 | 693.400 | Possessive Pronoun |
| 88 | even | 91 | 42 | 98 | 0.333 | 4 | 692.667 | Adverb, Adjective (2) |
| 89 | new | 92 | 52 | 92 | 0.667 | 3 | 686.667 | Adjective |
| 90 | also | 80 | 16 | 97 | 0.333 | 4 | 684.333 | Adverb |
| 91 | how | 85 | 14 | 85 | 0.167 | 5 | 678.900 | Adverb |
| 92 | another | 217 | 40 | | 0.333 | 5 | 672.667 | Adjective |
| 93 | over | 78 | 24 | 92 | 0.300 | 5 | 668.467 | Adposition |
| 94 | until | 217 | 48 | | 1.000 | 3 | 667.000 | Adposition |
| 95 | his | 23 | 17 | 36 | 0.400 | 3 | 638.533 | Possessive Pronoun |
| 96 | always | 217 | 68 | | 1.000 | 3 | 631.000 | Quantifier |
| 97 | they | 26 | 18 | 26 | 1.000 | 2 | 626.000 | Personal Pronoun |
| 98 | here | 217 | 46 | | 0.400 | 4 | 624.100 | Noun |
| 99 | while | 217 | 11 | | 0.333 | 4 | 615.333 | Adposition |
| 100 | same | 217 | 27 | | 0.100 | 4 | 608.133 | Quantifier |

Table 12.2: Words Re-Ranked When Splitting the Composite Frequency List by Conflicting Parts of Speech

| New Rank | Original Composite Rank | English Word | Rank Score | Part Of Speech | Part Of Speech Score | Rank Score Adjusted for Parts of Speech |
|---|---|---|---|---|---|---|
| 54 | 15 | but | 1855.767 | Adposition | 0.500 | 927.884 |
| 57 | 28 | so | 1348.833 | Coordinating Conjunction | 0.667 | 899.222 |
| 83 | 48 | do | 1011.333 | Verb | 0.667 | 674.222 |
| 87 | 51 | go | 994.000 | Verb | 0.667 | 662.667 |
| 92 | 15 | but | 1855.767 | Adverb | 0.333 | 618.589 |
| 95 | 60 | as | 895.867 | Adverb | 0.667 | 597.245 |
| 97 | 61 | about | 886.567 | Adposition | 0.667 | 591.045 |
| 111 | 81 | know | 721.333 | Verb | 0.667 | 480.889 |
| 113 | 85 | take | 700.500 | Verb | 0.667 | 467.000 |
| 114 | 88 | even | 692.667 | Adverb | 0.667 | 461.778 |
| 119 | 28 | so | 1348.833 | Adverb | 0.333 | 449.611 |
| 174 | 80 | some | 731.500 | Adjective | 0.500 | 365.750 |
| 195 | 48 | do | 1011.333 | Noun | 0.333 | 337.111 |
| 197 | 51 | go | 994.000 | Noun | 0.333 | 331.333 |
| 202 | 15 | but | 1855.767 | Coordinating Conjunction | 0.167 | 309.295 |
| 209 | 60 | as | 895.867 | Subordinating Conjunction | 0.333 | 298.622 |
| 210 | 61 | about | 886.567 | Adverb | 0.333 | 295.522 |
| 241 | 80 | some | 731.500 | Noun | 0.333 | 243.833 |
| 243 | 81 | know | 721.333 | Noun | 0.333 | 240.444 |
| 249 | 85 | take | 700.500 | Noun | 0.333 | 233.500 |
| 250 | 88 | even | 692.667 | Adjective | 0.333 | 230.889 |
| 252 | 74 | like | 806.100 | Adjective | 0.286 | 230.314 |
| 317 | 74 | like | 806.100 | Adposition | 0.238 | 191.929 |
| 343 | 74 | like | 806.100 | Adverb | 0.190 | 153.543 |
| 350 | 80 | some | 731.500 | Personal Pronoun | 0.167 | 121.917 |
| 351 | 74 | like | 806.100 | Subordinating Conjunction | 0.143 | 115.157 |
| 357 | 74 | like | 806.100 | Noun | 0.095 | 76.771 |
| 358 | 74 | like | 806.100 | Verb | 0.048 | 38.386 |

Table 12.3: Part-of-Speech Category Distributions in the Composite Frequency List[4]

| Part of Speech | All | | Russian | | German | | French | | Spanish | | Latin | English | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rank % | <= 100 | > 100 | <= 100 | > 100 | <= 100 | > 100 | <= 100 | > 100 | <= 100 | > 100 | <= 100 | <= 100 | > 100 |
| Adposition | 19.149 | 14.341 | 21.588 | 31.177 | 20.391 | 37.222 | 16.91 | 6.94 | 16.486 | 22.744 | 12.534 | 16.676 | 16.17 |
| Verb | 11.352 | 19.932 | 11.486 | 9.069 | 17.058 | 0 | 17.818 | 20.434 | 11.67 | 8.93 | 9.148 | 18.029 | 17.872 |
| Personal Pronoun | 10.838 | 0.765 | 8.514 | 0 | 12.016 | 0 | 9.17 | 2.461 | 5.632 | 0 | 6.144 | 10.583 | 0.426 |
| Noun | 9.162 | 23.983 | 14.05 | 17.025 | 8.166 | 0 | 12.537 | 16.226 | 9.148 | 15.182 | 23.709 | 9.891 | 23.404 |
| Coordinating Conjunction | 7.95 | 1.833 | 4.889 | 1.292 | 5.443 | 0 | 3.024 | 14.132 | 5.019 | 0 | 16.068 | 3.101 | 2.553 |
| Adjective | 7.454 | 8.997 | 3.931 | 14.701 | 9.226 | 26.33 | 9.916 | 15.635 | 5.637 | 10.112 | 8.369 | 6.535 | 10.638 |
| Relative/Interrogative Pronoun | 7.11 | 2.64 | 10.137 | 1.54 | 4.72 | 0 | 8.865 | 0 | 7.48 | 0 | 1.297 | 0 | 2.979 |
| Possessive Pronoun | 5.229 | 1.914 | 3.598 | 6.458 | 3.355 | 0 | 4.33 | 0 | 3.43 | 8.106 | 4.316 | 7.005 | 1.702 |
| Adverb | 5.199 | 2.527 | 6.243 | 5.221 | 5.443 | 10.811 | 4.464 | 1.389 | 3.486 | 12.958 | 0.69 | 7.402 | 1.702 |
| Quantifier | 3.881 | 6.371 | 4.187 | 0 | 5.054 | 20.195 | 4.488 | 5.818 | 6.696 | 6.656 | 2.751 | 3.796 | 6.809 |
| Subordinating Conjunction | 2.422 | 1.556 | 2.139 | 1.231 | 3.403 | 0 | 1.337 | 0 | 3.242 | 7.194 | 1.104 | 2.384 | 1.277 |
| Negation | 2.245 | 1.94 | 3.989 | 0 | 1.326 | 0 | 3.509 | 0 | 2.095 | 3.852 | 0.988 | 2.112 | 1.702 |
| Number | 2.194 | 0.851 | 1.663 | 2.461 | 1.883 | 5.441 | 2.208 | 0 | 3.201 | 0 | 0.339 | 1.937 | 0.851 |

[4] Technically, the English translations for these compound categories should have been set to the lowest possible rank or N/A, since they cannot occur in single words, only in phrases in English. The distinction turned out to be unimportant though.

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Demonstrative Pronoun | 1.933 | 1.687 | 2.275 | 1.629 | 0.851 | 0 | 0.955 | 4.282 | 2.929 | 0 | 2 | 1.944 | 1.702 |
| Definite Article | 1.901 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.084 | 0 | 1.107 | 1.174 | 0 |
| Reflexive Pronoun | 1.392 | 2.206 | 1.31 | 6.627 | 1.963 | 0 | 0.47 | 12.682 | 1.218 | 0 | 1.947 | 5.209 | 3.404 |
| Indefinite Article | 0.587 | 0.733 | 0 | 0 | 0 | 0 | 0 | 0 | 2.199 | 0 | 0 | 2.221 | 0 |
| Adjective + Demonstrative Pronoun | 0 | 0.556 | 0 | 0 | 0 | 0 | 0 | 0 | 1.023 | 0 | 0 | 0 | 0.426 |
| Conjunction + Pronoun | 0 | 0.312 | 0 | 0 | 4.493 | 0 | 0 | 0 | 0 | 0 | 0.36 | 0 | 0.426 |
| Interjection | 0 | 0.712 | 0 | 0.755 | 0 | 0 | 0 | 0 | 0 | 0 | 0.84 | 0 | 0.851 |
| Adposition + Article | 0 | 1.203 | 0 | 0 | 0 | 0 | 0 | 0 | 1.177 | 0 | 1.044 | 0 | 0.851 |
| Adposition + Pronoun | 0 | 0.392 | 0 | 0 | 0.652 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.426 |
| Pronoun + Verb | 0 | 4.342 | 0 | 0 | 0 | 0 | 0 | 0 | 2.148 | 4.266 | 5.244 | 0 | 3.404 |
| Relative/Interrogative Pronoun + Verb | 0 | 0.208 | 0 | 0.814 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.426 |

Table 12.4: The Top 100 Voynich Words Ranked by Document Counts, with Early Group Definitions and Final Parts of Speech

| Word Count Rank | Word | Word Count | General Usage Score | Original Group | Final Part of Speech | Word Count Rank | Word | Word Count | General Usage Score | Original Group | Final Part of Speech |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | daiin | 858 | 0.99148 | daiin Relatives | a-Base Verb | 51 | cseeol | 112 | 0.35712 | cse | o-Base Noun |
| 2 | ol | 549 | 0.96691 | [ao][lr] | o-Base Noun | 51 | ctey | 112 | 0.74982 | cte | y-Base Modifier |
| 3 | ceedy | 499 | 0.77827 | ce | y-Base Modifier | 53 | qokey | 109 | 0.54682 | qo[fptk] | o-Base Noun |
| 4 | aiin | 475 | 0.86730 | daiin Relatives | a-Base Verb | 54 | okeedy | 107 | 0.34984 | [yo]-Noun | o-Base Noun |
| 5 | cseedy | 429 | 0.61663 | cse | y-Base Modifier | 55 | dair | 106 | 0.73973 | daiin Relatives | a-Base Verb |
| 6 | ceol | 394 | 0.84567 | ce | o-Base Noun | 56 | csey | 105 | 0.75013 | cse | y-Base Modifier |
| 7 | or | 377 | 0.96262 | [ao][lr] | o-Base Noun | 57 | qokol | 104 | 0.54806 | qo[fptk] | o-Base Noun |
| 8 | ar | 365 | 0.95346 | [ao][lr] | a-Base Verb | 58 | oky | 103 | 0.87860 | [yo]-Noun | o-Base Noun |
| 9 | ceey | 339 | 0.82367 | ce | y-Base Modifier | 59 | oteedy | 102 | 0.34536 | [yo]-Noun | o-Base Noun |
| 10 | dar | 321 | 0.91111 | [ds][ao] + dy | a-Base Verb | 60 | ceeor | 98 | 0.54915 | ce | o-Base Noun |
| 11 | qokeey | 306 | 0.51078 | qo[fptk] | o-Base Noun | 60 | cseor | 98 | 0.54635 | cse | o-Base Noun |
| 12 | qokeedy | 304 | 0.41467 | qo[fptk] | o-Base Noun | 62 | dam | 97 | 0.87226 | [ds][ao] + dy | a-Base Verb |
| 13 | cseey | 286 | 0.65172 | cse | y-Base Modifier | 62 | otain | 97 | 0.52097 | [yo]-Noun | o-Base Noun |
| 14 | qokain | 280 | 0.48678 | qo[fptk] | o-Base Noun | 64 | ceody | 94 | 0.54181 | ce | o-Base Noun |
| 15 | qokedy | 275 | 0.49080 | qo[fptk] | o-Base Noun | 65 | r | 93 | 0.92804 | Single-Symbol | Adposition/Clitic |
| 16 | al | 266 | 0.95171 | [ao][lr] | a-Base Verb | 66 | qotedy | 92 | 0.33148 | qo[fptk] | o-Base Noun |
| 17 | dy | 264 | 0.95070 | [ds][ao] + dy | y-Base Modifier | 67 | ain | 88 | 0.84724 | daiin Relatives | a-Base Verb |
| 18 | qokaiin | 262 | 0.38017 | qo[fptk] | o-Base Noun | 67 | ceeody | 88 | 0.33428 | ce | o-Base Noun |
| 19 | dal | 250 | 0.90074 | [ds][ao] + dy | a-Base Verb | 69 | qoty | 87 | 0.73465 | qo[fptk] | o-Base Noun |
| 20 | s | 244 | 0.96876 | Single-Symbol | Adposition/Clitic | 70 | otol | 86 | 0.74427 | [yo]-Noun | o-Base Noun |
| 21 | ceor | 216 | 0.78701 | ce | o-Base Noun | 71 | am | 84 | 0.92665 | a-Initial | a-Base Verb |
| 22 | dain | 209 | 0.78118 | daiin Relatives | a-Base Verb | 71 | cseeedy | 84 | 0.19992 | cse | y-Base Modifier |
| 22 | okaiin | 209 | 0.43462 | [yo]-Noun | o-Base Noun | 73 | okol | 83 | 0.73370 | [yo]-Noun | o-Base Noun |
| 24 | qokal | 192 | 0.58587 | qo[fptk] | o-Base Noun | 73 | sar | 83 | 0.87032 | [ds][ao] + dy | a-Base Verb |
| 25 | cseol | 189 | 0.59347 | cse | o-Base Noun | 75 | o | 81 | 0.91638 | Single-Symbol | o-Base Noun |
| 26 | okeey | 176 | 0.58650 | [yo]-Noun | o-Base Noun | 75 | qotaiin | 81 | 0.18949 | qo[fptk] | o-Base Noun |
| 27 | ceeey | 173 | 0.58882 | ce | y-Base Modifier | 77 | air | 79 | 0.86520 | daiin Relatives | a-Base Verb |
| 28 | ceeol | 169 | 0.58688 | ce | o-Base Noun | 78 | cectey | 77 | 0.32611 | ce | y-Base Modifier |
| 29 | otedy | 163 | 0.57505 | [yo]-Noun | o-Base Noun | 79 | raiin | 75 | 0.52193 | daiin Relatives | a-Base Verb |
| 30 | cey | 155 | 0.88315 | ce | y-Base Modifier | 80 | dor | 74 | 0.86747 | [ds][ao] + dy | o-Base Noun |
| 31 | qokar | 153 | 0.57178 | qo[fptk] | o-Base Noun | 80 | qoteedy | 74 | 0.18283 | qo[fptk] | o-Base Noun |
| 32 | otaiin | 152 | 0.38615 | [yo]-Noun | o-Base Noun | 80 | sol | 74 | 0.84603 | [ds][ao] + dy | o-Base Noun |
| 33 | qol | 151 | 0.86637 | qo- Other | o-Base Noun | 83 | cear | 69 | 0.72145 | ce | a-Base Verb |
| 34 | cedy | 150 | 0.75992 | ce | y-Base Modifier | 83 | qokcey | 69 | 0.31481 | qo[fptk] | o-Base Noun |
| 35 | y | 149 | 0.95765 | Single-Symbol | y-Base Modifier | 85 | ceo | 68 | 0.85346 | ce | o-Base Noun |
| 36 | cseeey | 146 | 0.38406 | cse | y-Base Modifier | 85 | sain | 68 | 0.70390 | daiin Relatives | a-Base Verb |
| 36 | qoky | 146 | 0.76175 | qo[fptk] | o-Base Noun | 87 | ceeo | 66 | 0.71908 | ce | o-Base Noun |
| 38 | otar | 145 | 0.75995 | [yo]-Noun | o-Base Noun | 88 | ceeky | 65 | 0.51257 | ce | y-Base Modifier |
| 39 | okain | 144 | 0.56350 | [yo]-Noun | o-Base Noun | 88 | kaiin | 65 | 0.51492 | [fptk]a | a-Base Verb |
| 39 | saiin | 144 | 0.57073 | daiin Relatives | a-Base Verb | 88 | okeol | 65 | 0.50479 | [yo]-Noun | o-Base Noun |
| 41 | otal | 143 | 0.75876 | [yo]-Noun | o-Base Noun | 91 | okey | 64 | 0.70274 | [yo]-Noun | o-Base Noun |
| 42 | ceckey | 142 | 0.38017 | ce | y-Base Modifier | 91 | qotain | 64 | 0.30667 | qo[fptk] | o-Base Noun |
| 42 | okal | 142 | 0.75537 | [yo]-Noun | o-Base Noun | 93 | qotar | 63 | 0.50672 | qo[fptk] | o-Base Noun |
| 44 | okar | 140 | 0.75196 | [yo]-Noun | o-Base Noun | 93 | qotcey | 63 | 0.30566 | qo[fptk] | o-Base Noun |
| 45 | oteey | 139 | 0.56836 | [yo]-Noun | o-Base Noun | 95 | cseckey | 61 | 0.16774 | cse | y-Base Modifier |
| 46 | cseo | 131 | 0.75809 | cse | o-Base Noun | 96 | cteol | 60 | 0.50104 | cte | o-Base Noun |
| 47 | okedy | 120 | 0.53554 | [yo]-Noun | o-Base Noun | 96 (57) | odaiin | 60 | 0.30097 | [yo]-Noun | o-Base Noun |
| 48 | lceedy | 119 | 0.35484 | l + ce | y-Base Modifier | 96 | ykeey | 60 | 0.50783 | [yo]-Noun | o-Base Noun |
| 49 | dol | 117 | 0.86641 | [ds][ao] + dy | o-Base Noun | 99 | ceeedy | 59 | 0.29380 | ce | y-Base Modifier |
| 50 | oty | 116 | 0.88591 | [yo]-Noun | o-Base Noun | 100 (84) | oly | 58 | 0.82122 | [yo]-Noun | o-Base Noun |

Table 12.5: Counts of [ao][lr] and *am* in Labels Adjacent to Nouns

| Caption Initiator | 2nd Position | All | Figures | Non-Figures |
|---|---|---|---|---|
| Suspected Noun ($w^{Noun} > 0$) | ar | 16 | 9 | 7 |
| | or | 8 | 4 | 4 |
| | ol | 5 | 3 | 2 |
| | al | 5 | 3 | 2 |
| | am | 4 | 4 | 0 |
| ar | Noun | 1 | 1 | 0 |

Table 12.6: Adjacency Substitution Patterns for [ds][ao][lr]

| Word | Count | ol | or | ar | al | am | dy | Other (mainly *daiin* Relatives) | | |
|---|---|---|---|---|---|---|---|---|---|---|
| dal | 250 | ol #3<br>dol #10<br>pol #12<br>qol #30<br>tol #39<br>sol #45<br>cteol #59 | or #16<br>dor #46<br>sor #75 | dar #1<br>ar #49<br>sar #52<br>kar #80 | al #26<br>sal #69<br>kal #86 | dam #44<br>am #76 | dy #2<br>lceedy #33 | daiin #4<br>dain #8<br>dair #34 | saiin #37<br>ctey #53<br>aiin #57<br>raiin #74 | daly #77<br>kaiin #85<br>dary #91<br>lkaiin #93 |
| dar | 323 | ol #1<br>dol #14<br>pol #16<br>qol #27<br>sol #37<br>tol #66 | or #2<br>sor #39<br>dor #49<br>lor #90 | ar #10<br>sar #32<br>kar #57<br>tar #63 | dal #6<br>al #15<br>sal #54 | dam #48<br>am #59 | dy #9<br>lceedy #60<br>kedy #83<br>ody #91 | dain #3<br>daiin #5<br>dair #19<br>aiin #22 | saiin #25<br>sain #43<br>ain #56<br>raiin #70<br>kaiin #71 | kain #79<br>lkaiin #81<br>ary #96<br>daly #97 |
| dol | 117 | pol #1<br>ol #8<br>sol #10<br>qol #25<br>tol #30<br>cteol #54 | or #18<br>dor #21<br>kor #52<br>sor #56 | dar #2<br>sar #26<br>kar #40<br>ar #86<br>tar #100 | dal #4<br>sal #34<br>al #66 | dam #9 | dy #5<br>lceedy #64<br>keedy #74<br>kedy #98 | daiin #6<br>dain #7<br>dair #17 | ctey #36<br>sain #43<br>saiin #48<br>daiiin #60<br>kaiin #62 | daly #63<br>raiin #76<br>lkaiin #84<br>dary #91 |
| dor | 73 | ol #3<br>sol #5<br>pol #11<br>tol #14<br>dol #16<br>cteol #42<br>qol #62<br>ckeol #82<br>kol #95<br>dceol #100 | or #6<br>**qor #12**<br>sor #17<br>cteor #36<br>kor #59 | dar #18<br>kar #23<br>ar #38<br>sar #75 | dal #19<br>al #61 | am #46<br>dam #55 | dy #27 | dain #2<br>**kaiin #13**<br>daiin #15<br>**lkain #24**<br>daly #26 | raiin #30<br>dair #31<br>ctey #64<br>oiin #67<br>sain #72<br>ary #76 | dary #77<br>ain #78<br>aiin #88<br>daiiin #94<br>oaiin #100 |
| sal | 55 | pol #1<br>ol #19<br>dol #20<br>sol #28<br>tol #43<br>cteol #51<br>**qol #53**<br>lol #89 | **sor #17**<br>or #32<br>kor #62<br>lor #75<br>dor #91 | dar #15<br>tar #37<br>sar #50<br>lkar #67<br>ar #85 | dal #30<br>al #93<br>kal #98 | | lceedy #34<br>lcseedy #38<br>dy #82 | dain #16<br>saiin #52<br>daiiin #55<br>daiin #57 | lkain #58<br>dary #63<br>dair #64<br>ary #68 | oiin #73<br>lkeey #80<br>sair #94<br>sain #100 |
| sar | 83 | pol #1<br>**sol #9**<br>**qol #22**<br>dol #23<br>ol #32<br>tol #36 | or #6<br>**sor #10**<br>**qor #28**<br>lor #39<br>dor #60<br>kor #71<br>por #79<br>ror #86 | **ar #4**<br>dar #7<br>lkar #27<br>tar #37<br>oar #38<br>kar #50 | dal #25<br>sal #57 | dam #69<br>am #82 | lceedy #65<br>dy #67 | **sain #16**<br>dair #34 | saiin #46<br>dain #48<br>ain #52<br>daiin #58 | os #85<br>sair #93<br>lkaiin #99 |
| sol | 73 | **qol #1**<br>pol #2<br>ol #4<br>tol #7<br>dol #8<br>lol #55 | **sor #5**<br>dor #9<br>or #27<br>kor #41<br>lor #53<br>qor #83 | sar #11<br>dar #15<br>kar #39<br>lkar #97 | dal #21<br>**sal #36**<br>al #79 | dam #71 | dy #37<br>lceedy #64<br>kedy #84 | dain #13<br>**sain #22**<br>**raiin #28**<br>**saiin #34**<br>daiin #47 | rain #45<br>dair #52<br>lkain #54 | kain #89<br>ain #92<br>daly #93 |
| sor | 57 | pol #1<br>sol #3<br>tol #18<br>**qol #28**<br>ol #40<br>dol #47<br>rol #77 | or #7<br>**qor #10**<br>dor #16<br>kor #26<br>tor #38<br>lor #42<br>por #52<br>cteor #99 | **sar #5**<br>kar #8<br>dar #12<br>tar #19<br>ar #54<br>lkar #74 | **sal #23**<br>dal #43 | | oeedy #97<br>dy #100 | **sain #9**<br>dain #21<br>dair #25<br>**saiin #36** | oaiin #39<br>kain #44<br>sair #48<br>ain #56<br>daly #62 | daiin #66<br>raiin #84<br>dary #87<br>lkain #88 |
| lal | 7 | pol #6<br>**keeol #30**<br>**qol #47**<br>tol #80<br>arol #81 | | | kal #78 | kam #24<br>aram #61<br>sam #63<br>lam #85 | daldy #40<br>teedy #49<br>arody #68<br>lceedy #95<br>kedy #100 | **laiin #14**<br>ary #65<br>ot #70 | octey #74<br>lky #76<br>dl #77<br>rain #79 | das #85<br>ockey #92<br>daly #97<br>daiiin #99 |
| lar | 6 | pol #19<br>arol #34 | por #36 | tar #46<br>oar #60 | | **sam #5**<br>**lam #87** | **lkceedy #52**<br>**rceedy #71**<br>**dceedy #80** | **ary #30**<br>**lr #34**<br>**da #48** | dom #53<br>dary #69 | octey #70<br>das #98 |
| lol | 43 | pol #2<br>**qol #24**<br>**tol #25**<br>ol #35<br>sol #41<br>kol #70<br>dceol #86 | **lor #59**<br>**ror #69**<br>**qor #75**<br>dor #84 | tar #51<br>dar #62 | **kal #27**<br>sal #72<br>dal #82 | | **lceedy #7**<br>**lcseedy #34**<br>**kedy #63**<br>**lkedy #74**<br>**lkeedy #88**<br>**keedy #90** | **lkaiin #30**<br>**sair #36**<br>key #48<br>cteey #49 | lceey #54<br>dary #55<br>raiin #57<br>lkain #60<br>ary #76 | dain #77<br>daiiin #78<br>lkeey #85<br>sain #91<br>dl #92 |
| lor | 43 | pol #1<br>**qol #26**<br>sol #43<br>lol #53<br>ol #63<br>tol #67<br>rol #96 | or #3<br>**qor #17**<br>por #27<br>ror #31<br>sor #32<br>kor #65 | **tar #4**<br>**lkar #6**<br>**rar #17**<br>**sar #25**<br>ar #33<br>kar #34<br>dar #42<br>oar #54 | ral #57<br>sal #61 | **sam #92**<br>am #95 | **lceedy #83**<br>**kedy #87** | **raiin #20**<br>ain #21<br>**lkain #38**<br>**sair #40**<br>ary #45 | sain #46<br>os #47<br>lkaiin #52<br>daiiin #66<br>lkeey #73 | dain #74<br>taiin #79<br>kain #81<br>rain #98 |
| ral | 17 | pol #3<br>**rol #10**<br>tol #52<br>keol #89 | **lor #27**<br>kor #74<br>qor #79<br>ror #88 | **rar #79**<br>lkar #99 | tal #50<br>kal #55 | **lam #18**<br>**sam #62** | **lceedy #64**<br>**rceedy #82**<br>**arody #92** | **lkain #4**<br>**lkl #20**<br>lceey #22<br>lceeey #28 | sair #33<br>tain #40<br>daiiin #56<br>raiin #61<br>dary #73 | ees #85<br>dl #89<br>tair #91<br>teey #97 |
| rar | 22 | pol #3<br>**qol #31**<br>keeol #35 | **kor #5**<br>**lor #18**<br>**qor #54** | tar #27<br>lkar #33<br>kar #36 | **kal #8**<br>sal #81 | **lam #17**<br>**sam #23**<br>**kam #90** | keedy #60<br>kedy #77 | **kain #6**<br>**sair #37**<br>**tair #42** | tain #58<br>lkain #64<br>das #70 | taiin #87<br>raiin #89<br>doiin #91 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | tol #46<br>keol #65<br>ol #73 | por #65<br>or #80<br>sor #86 | sar #92 | | dam #98 | | daiiin #44<br>kaiin #49<br>sain #50 | dl #72<br>daly #76<br>lkaiin #78<br>ary #82 | dary #96<br>ain #99<br>lkl #100 |
| rol | 20 | pol #9<br>**qol #49**<br>sol #54<br>keeol #75<br>yceeol #80 | **qor #4**<br>**ror #5**<br>sor #45<br>lor #79<br>kor #81 | lkar #59<br>sar #85<br>kar #94 | ral #12 | **kam #53**<br>aram #90 | **lceedy #40**<br>oeedy #78<br>**lkedy #95** | oaiin #10<br>**lkain #18**<br>lceey #19<br>dl #37 | raiin #41<br>ty #51<br>sain #55<br>laiin #56 | rain #57<br>teey #60<br>ary #84<br>daly #89<br>dom #99 |
| ror | 17 | rol #3<br>pol #4<br>**lol #36**<br>keeol #93 | **qor #11**<br>**lor #16**<br>por #64<br>or #97 | sar #37<br>tar #42<br>lkar #44<br>oar #50<br>kar #76 | | **sam #45**<br>**ram #70**<br>**lam #84** | **lkeedy #40**<br>**lceedy #88**<br>**ldy #98** | **lkain #12**<br>lkeey #25<br>lcseey #34<br>**raiin #35**<br>ary #47 | lceeey #49<br>daiiin #52<br>teey #54<br>lceey #60 sair #67<br>ly #71<br>lky #74 | dary #77<br>ycseey #80<br>das #84<br>dan #87<br>tair #93<br>rain #99 |

Table 12.7: Shift in *daiin* Partners for the [dlrs][ao][lr], *dam*, *dy* and qo[lr] Categories

| Word | daiin Relatives |
|---|---|
| **[dlrs][ao][lr]** | |
| dal (250) | raiiin (2.4469), sain (0.4460), saiin (0.3873), daiin (0.3286), raiin (0.2798), dain (0.2715), rain (0.2712), laiin (0.1607), daiiin (0.1105) |
| dar (321) | raiiin (4.4385), sain (0.5698), dain (0.4345), lain (0.3652), daiin (0.3063), saiin (0.2643), rain (0.2419), raiin (0.2130), laiiin (0.2097), daiiin (0.1207), laiin (0.0806) |
| dol (117) | **laiiin** (0.4231), sain (0.1768), daiin (0.1678), dain (0.1539), saiin (0.1120), laiin (0.0569), raiin (0.0544), daiiin (0.0413), rain (0.0165) |
| dor (74) | saiiin (0.7554), daiin (0.1276), daiiin (0.1067), dain (0.1001), raiin (0.0865), saiin (0.0480), sain (0.0301) |
| lal (7) | saiin (0.0143), raiin (0.0115), dain (0.0046), daiin (0.0035) |
| lar (6) | raiin (0.0325), saiin (0.0266), rain (0.0131), daiin (0.0082), sain (0.0049), dain (0.0037) |
| lol (43) | raiiin (0.3939), laiin (0.1874), sain (0.1463), rain (0.0696), dain (0.0682), saiin (0.0631), daiiin (0.0595), daiin (0.0264), raiin (0.0152) |
| lor (43) | raiiin (0.6453), sain (0.1123), rain (0.1075), raiin (0.0764), saiin (0.0578), dain (0.0435), daiiin (0.0328), laiin (0.0304), daiin (0.0222) |
| ral (17) | raiiin (0.3911), sain (0.0575), saiin (0.0448), rain (0.0370), dain (0.0247), raiin (0.0154), daiin (0.0075) |
| rar (22) | rain (0.0583), sain (0.0373), saiin (0.0262), raiin (0.0242), daiin (0.0096), dain (0.0089) |
| rol (20) | sain (0.0557), raiin (0.0494), dain (0.0379), rain (0.0219), saiin (0.0135), daiin (0.0104) |
| ror (17) | **laiin** (0.0316), saiin (0.0282), sain (0.0249), dain (0.0217), raiin (0.0215), daiin (0.0115) |
| sal (55) | raiiin (0.9888), saiiin (0.3152), sain (0.1177), saiin (0.1059), raiin (0.0850), dain (0.0636), laiin (0.0550), rain (0.0484), daiin (0.0447), daiiin (0.0328) |
| sar (83) | raiiin (1.8687), sain (0.1576), rain (0.1284), saiin (0.1262), raiin (0.1094), dain (0.0984), daiin (0.0571) |
| sol (74) | raiiin (1.8659), saiiin (0.3043), sain (0.2474), saiin (0.1401), dain (0.1186), daiin (0.0714), laiin (0.0529), raiin (0.0470), rain (0.0292) |
| sor (57) | **laiin** (0.1055), sain (0.0918), dain (0.0752), saiin (0.0706), daiin (0.0584), daiiin (0.0414), raiin (0.0284) |
| **dam Group** | |
| am (84) | saiin (0.1335), lain (0.1083), sain (0.1021), raiin (0.0716), daiin (0.0501), rain (0.0467), dain (0.0418), laiin (0.0363) |
| dam (97) | lain (0.1659), daiin (0.1287), saiin (0.1048), dain (0.1046), laiin (0.0854), daiiin (0.0589), raiin (0.0470), sain (0.0360), rain (0.0199) |
| lam (6) | daiin (0.0002) |
| ram (14) | raiin (0.0386), sain (0.0362), rain (0.0327), saiin (0.0269), daiiin (0.0253), dain (0.0133), daiin (0.0051) |
| sam (10) | raiin (0.0247), saiin (0.0232), daiin (0.0050) |
| **dy** | |
| ddy (2) | dain (0.0079), sain (0.0057), saiin (0.0036) |
| dy (264) | dain (0.0024), daiin (0.0015) |
| ldy (26) | saiiin (0.3533), dain (0.3462), daiin (0.3057), sain (0.2231), saiin (0.2156), raiin (0.1667), daiiin (0.1558), rain (0.0827), laiin (0.0408) |
| ody (49) | **lain** (0.1927), dain (0.0545), sain (0.0446), saiin (0.0282), daiin (0.0253), daiiin (0.0234), raiin (0.0108) |
| ydy (8) | daiin (0.0430), saiin (0.0427), dain (0.0236), daiiin (0.0227), raiin (0.0125), sain (0.0091) |
| ady (1) | raiin (0.0344), rain (0.0162), daiin (0.0121), saiin (0.0098), sain (0.0061) |
| **qo[lr]** | |
| qol (151) | raiiin (2.1955), sain (0.5356), rain (0.5231), laiin (0.3681), raiin (0.3182), dain (0.2925), saiin (0.2392), lain (0.1875), daiiin (0.1675), daiin (0.1507) |
| qor (22) | rain (0.1252), raiin (0.0684), sain (0.0553), saiin (0.0287), dain (0.0261), daiin (0.0144) |

Table 12.8: Shift in [dlrs][ao][lr] Partners for the [dlrs][ao][lr], *dam*, *dy* and qo[lr] Categories

| Word | [dlrs][ao][lr] Relatives |
|---|---|
| **[dlrs][ao][lr]** | |
| dal (250) | rol (0.7510), ral (0.4957), sal (0.4794), lal (0.4619), dar (0.4507), dol (0.4333), sol (0.4250), sar (0.3860), lor (0.3743), rar (0.3428), ror (0.3215), lar (0.2882), sor (0.2670), lol (0.2660), dor (0.2659) |
| dar (321) | rol (0.7625), al (0.6041), dal (0.5787), lol (0.5546), sor (0.5404), sol (0.5121), dol (0.4836), lor (0.4328), sal (0.4326), sar (0.3708), lal (0.3361), dor (0.2437), rar (0.2429), ror (0.2417), lar (0.0860) |
| dol (117) | dor (0.2454), sol (0.2437), rol (0.2231), ror (0.2227), sor (0.2064), dal (0.2028), sal (0.1914), lor (0.1899), lol (0.1826), dar (0.1763), lar (0.1521), ral (0.1069), lal (0.0930), sar (0.0586), rar (0.0269) |
| dor (74) | dol (0.1552), lar (0.1395), sor (0.1294), sol (0.1156), dal (0.0787), sal (0.0587), dar (0.0562), rol (0.0497), sar (0.0379), ror (0.0323), rar (0.0310), lor (0.0108), lol (0.0078) |
| lal (7) | sor (0.0171), dal (0.0129), sar (0.0121), sol (0.0121), dar (0.0073), dol (0.0056), sal (0.0025) |
| lar (6) | lor (0.0199), sal (0.0176), dor (0.0113), sar (0.0088), dol (0.0078), dal (0.0069), lol (0.0068), dar (0.0016) |
| lol (43) | ral (0.2330), sal (0.1553), sol (0.1262), sor (0.1259), lor (0.0911), rol (0.0880), dar (0.0743), dol (0.0671), ror (0.0549), lar (0.0485), sar (0.0461), dal (0.0457), rar (0.0260), dor (0.0045) |
| lor (43) | ral (0.1446), lar (0.1429), ror (0.1248), sal (0.1121), lol (0.0911), rol (0.0853), sor (0.0751), dol (0.0698), dal (0.0644), dar (0.0580), sol (0.0504), sar (0.0503), rar (0.0432), dor (0.0063) |
| ral (17) | lol (0.0921), sal (0.0853), sol (0.0828), ror (0.0663), lor (0.0572), sor (0.0443), rol (0.0337), dal (0.0337), dar (0.0320), sar (0.0212), dol (0.0155) |
| rar (22) | sor (0.0600), sar (0.0442), sol (0.0374), dal (0.0302), rol (0.0260), lor (0.0221), dar (0.0166), lol (0.0133), dor (0.0092), sal (0.0092), dol (0.0051) |
| rol (20) | ror (0.0864), dal (0.0601), dar (0.0475), lol (0.0409), lor (0.0397), ral (0.0397), dol (0.0381), sal (0.0344), rar (0.0237), sol (0.0223), sar (0.0169), dor (0.0134) |
| ror (17) | rol (0.0735), ral (0.0663), sor (0.0576), lor (0.0493), dol (0.0324), sal (0.0222), dal (0.0219), lol (0.0217), sol (0.0203), dar (0.0128), sar (0.0111), dor (0.0074) |
| sal (55) | ral (0.2761), lol (0.1986), lar (0.1614), lor (0.1433), sol (0.1356), sor (0.1202), dal (0.1055), rol (0.0946), dol (0.0900), dar (0.0741), sar (0.0732), ror (0.0719), dor (0.0436), rar (0.0229), lal (0.0193) |
| sar (83) | sol (0.1801), rar (0.1667), lal (0.1438), dal (0.1281), lar (0.1221), sal (0.1104), ral (0.1033), lor (0.0972), dar (0.0959), lol (0.0890), sor (0.0772), rol (0.0701), ror (0.0542), dor (0.0425), dol (0.0416) |
| sol (74) | ral (0.3605), sor (0.2202), lol (0.2172), sal (0.1824), sar (0.1606), dol (0.1541), lal (0.1279), dal (0.1258), rar (0.1256), dar (0.1180), dor (0.1156), ror (0.0882), lor (0.0867), rol (0.0826) |
| sor (57) | ror (0.1932), sol (0.1696), lol (0.1669), rar (0.1554), ral (0.1486), lal (0.1394), sal (0.1245), dol (0.1005), dor (0.0996), lor (0.0996), dar (0.0960), dal (0.0609), sar (0.0530) |
| **dam Group** | |
| am (84) | sar (0.1122), dal (0.0913), lor (0.0906), dar (0.0883), lol (0.0645), sor (0.0636), sal (0.0632), ror (0.0577), ral (0.0526), dor (0.0327), lal (0.0270), dol (0.0183), sol (0.0138) |
| dam (97) | dol (0.2524), dal (0.2025), dor (0.1590), dar (0.1290), lar (0.1263), sol (0.1261), sal (0.1232), ror (0.0947), sar (0.0928), lor (0.0526), sor (0.0524), rol (0.0431), lol (0.0153) |
| lam (6) | rar (0.0357), lol (0.0183), sor (0.0174), dal (0.0158), sal (0.0131), dol (0.0069), sar (0.0049), dar (0.0039) |
| ram (14) | lal (0.1411), lar (0.0820), ral (0.0562), lor (0.0313), sor (0.0304), lol (0.0277), sal (0.0253), dor (0.0115), dal (0.0108), sol (0.0072), dol (0.0050), dar (0.0024) |
| sam (10) | sal (0.0178), sar (0.0155), sor (0.0140), dal (0.0074), dar (0.0044) |
| **dy** | |
| ady (1) | lor (0.0105), dar (0.0030) |

| | |
|---|---|
| ddy (2) | dor (0.0232), dar (0.0047) |
| dy (264) | **dor** (0.6432), **dol** (0.4236), **dal** (0.4146), **sor** (0.3848), dar (0.3689), rol (0.3669), sol (0.3433), lol (0.3008), ror (0.2932), sar (0.2462), sal (0.2138), lor (0.1464), rar (0.0976), lal (0.0541), ral (0.0116) |
| ldy (26) | lol (0.0966), sol (0.0746), dar (0.0455), lor (0.0355), sor (0.0354), dor (0.0314), dal (0.0229), rar (0.0188), dol (0.0169), sar (0.0104) |
| ody (49) | dol (0.0741), dal (0.0711), sal (0.0654), sor (0.0613), dar (0.0541), lor (0.0448), ral (0.0386), dor (0.0376), sol (0.0356) |
| ydy (8) | **lar** (0.1534), sor (0.0268), lol (0.0225), lor (0.0218), sal (0.0173), dar (0.0106), dal (0.0104), dol (0.0085) |
| **qo[lr]** | |
| qol (151) | **rol** (0.8505), **ror** (0.7017), **ral** (0.6938), lol (0.6796), sal (0.6320), lor (0.5518), lal (0.5208), dal (0.4722), sol (0.4207), dol (0.3527), lar (0.3515), dar (0.2888), rar (0.2565), sor (0.2500), sar (0.2331), dor (0.0611) |
| qor (22) | **ror** (0.1103), **lor** (0.0847), dal (0.0815), sar (0.0642), ral (0.0557), rol (0.0509), dol (0.0333), dor (0.0267), lol (0.0215), dar (0.0187), sol (0.0179) |

Table 12.9: Shift in *dam*, *dy* and qo[lr] Partners for the [dlrs][ao][lr], *dam*, *dy* and qo[lr] Categories

| Word | dam Group | dy + Prefixes | qo[lr] |
|---|---|---|---|
| **[dlrs][ao][lr]** | | | |
| dal (250) | **lam** (0.6565), dam (0.5219), am (0.2718), ram (0.1921), sam (0.1848) | dy (0.3926), ody (0.3626), ydy (0.3259), ldy (0.2203) | **qor (0.9263), qol (0.7817)** |
| dar (321) | dam (0.4270), am (0.3374), lam (0.2104), sam (0.1413), ram (0.0553) | **ady** (0.9677), **ddy** (0.7535), **ldy** (0.5616), **dy** (0.4485), **ydy** (0.4254), ody (0.3541) | **qol (0.6140), qor (0.2723)** |
| dol (117) | dam (0.3044), lam (0.1343), ram (0.0414), am (0.0255) | dy (0.1877), ody (0.1768), ydy (0.1240), ldy (0.0761) | qol (0.2733), qor (0.1773) |
| dor (74) | dam (0.1213), ram (0.0608), am (0.0288) | **ddy** (0.8600), dy (0.1803), ldy (0.0893), ody (0.0568) | qor (0.0898), qol (0.0300) |
| lal (7) | **ram** (0.0706), am (0.0023) | dy (0.0014) | qol (0.0241) |
| lar (6) | **ram** (0.0351), dam (0.0078) | **ydy** (0.1151) | qol (0.0140) |
| lol (43) | **lam** (0.1311), **ram** (0.0851), am (0.0330), dam (0.0068) | ldy (0.1597), ydy (0.1212), dy (0.0490) | qol (0.1935), qor (0.0420) |
| lor (43) | **ram** (0.0960), am (0.0464), dam (0.0233) | **ady** (0.4516), **ydy** (0.1171), **ldy** (0.0588), **ody** (0.0393), dy (0.0238) | qor (0.1656), qol (0.1571) |
| ral (17) | **ram** (0.0683), am (0.0107) | **ody** (0.0134), dy (0.0007) | qol (0.0781), qor (0.0431) |
| rar (22) | **lam** (0.1311) | **ldy** (0.0159), dy (0.0081) | qol (0.0374) |
| rol (20) | dam (0.0089) | dy (0.0278) | qol (0.1126), qor (0.0462) |
| ror (17) | dam (0.0166), am (0.0117) | dy (0.0189) | qor (0.0852), qol (0.0790) |
| sal (55) | **lam** (0.1197), ram (0.0994), sam (0.0978), dam (0.0699), am (0.0414) | ydy (0.1190), ody (0.0734), dy (0.0445) | qol (0.2302) |
| sar (83) | **sam** (0.1283), am (0.1108), dam (0.0794), lam (0.0676) | dy (0.0774), ldy (0.0331) | qor (0.2422), qol (0.1281) |
| sol (74) | dam (0.0962), ram (0.0378), am (0.0121) | **ldy** (0.2123), dy (0.0962), ody (0.0538) | qol (0.2062), qor (0.0601) |
| sor (57) | **lam** (0.1650), **ram** (0.1238), **sam** (0.0800), am (0.0431), dam (0.0308) | ydy (0.1907), dy (0.0831), ldy (0.0777), ody (0.0713) | qol (0.0944) |
| **dam Group** | | | |
| am (84) | dam (0.0751), sam (0.0639), ram (0.0450) | ydy (0.1227), ody (0.0868), dy (0.0705), ldy (0.0374) | qor (0.2436), qol (0.0351) |
| dam (97) | lam (0.2949), am (0.0867), ram (0.0373) | ydy (0.2532), ddy (0.2292), dy (0.1354), ldy (0.0540), ody (0.0526) | qor (0.1048), qol (0.0613) |
| lam (6) | dam (0.0182) | | qol (0.0258) |
| ram (14) | am (0.0075), dam (0.0054) | ady (0.7419), ydy (0.0714), dy (0.0086) | qol (0.0123) |
| sam (10) | am (0.0076) | | qol (0.0037) |
| **dy** | | | |
| ady (1) | ram (0.0530) | dy (0.0024) | |
| ddy (2) | dam (0.0047) | dy (0.0196) | |
| dy (264) | dam (0.3686), am (0.2216), ram (0.1618) | ddy (2.5855), ady (0.6452), ldy (0.3706), ydy (0.2281), ody (0.1803) | qor (0.3684), qol (0.3412) |
| ldy (26) | dam (0.0145), am (0.0116) | ody (0.0495), dy (0.0365) | qol (0.0682), qor (0.0319) |
| ody (49) | am (0.0506), dam (0.0266) | ldy (0.0932), ydy (0.0882), dy (0.0335) | qol (0.0224) |
| ydy (8) | ram (0.0408), dam (0.0209), am (0.0117) | ody (0.0144), dy (0.0069) | qol (0.0105) |
| qo[lr] | | | |
| qol (151) | lam (0.6505), ram (0.1322), dam (0.0955), am (0.0631), sam (0.0556) | ldy (0.3958), ddy (0.3239), ydy (0.1974), dy (0.1952), ady (0.1935), ody (0.0691) | |
| qor (22) | am (0.0638), dam (0.0238) | dy (0.0307), ldy (0.0270) | qol (0.0043) |

Table 12.10: Shift by [dlrs] + Suffix Group for the [dlrs][ao][lr], *dam*, *dy* and qo[lr] Categories

| Subsets | dy Suffix Group | daiin Suffix Group | dam Suffix Group | Double [dlrs] |
|---|---|---|---|---|
| **[dlrs][ao][lr]** | | | | |
| - lar | 0.5114-1.1986 | | | |
| - ror, lal | 0.1446-0.6916 | | | |
| da[lr] + d[ao]r | | 0.6916-0.7449 | | |
| - da[lr] + d[ao]r | | 0.1446-0.6916 | | |
| da[lr] | | | 1.2846-2.0140 | 0.9337-0.9633 |
| - da[lr] | | | | 0.2596-0.6660 |
| [lr]al, [ls][ao]r, sa[lr] | | | 0.1629-0.8158 | |
| **dam Group** | | | | |
| dam group - lam | | | | 0.2186-0.4114 |
| dam, am | 0.3960-0.6783 | 0.4120-0.5745 | 0.5978-0.6379 | |
| ram | | 0.9783 | | 0.8159 |
| **dy Group** | | | | |
| dy | 1.0457-1.0457 | | | 0.8159 |
| dy Prefixes [lyo]dy -[da]dy | 0.2072-0.6471 | | | |
| dy + [loy]dy | | 0.4269-0.5386 | | |
| dy + ody | | | 0.9644-1.0297 | |
| [dlyo]dy - ady | | | | 0.2358-0.3407 |
| **qo[lr]** | | | | |
| both | | 0.6545-0.9502 | 0.3913-0.8684 | 0.5170-1.1421 |
| qol alone | 0.7542 | | | |

Table 12.11: Unexpected Absences of Phrases Incorporating [dlrs][ao][lr], *dam*, *dy*, qo[lr] and Related Categories

| Comparison Category | Word Count | Counts Expected | Actual | Reversed | Difference | Reversed Difference | Directional Directional Difference | Expected Directional Disparity | Directional Disparity | Directional Disparity Difference |
|---|---|---|---|---|---|---|---|---|---|---|
| **[dlrs] Duplifixes (137)** | | | | | | | | | | |
| [yo][fptk] | 6335 | 21.588 | 11 | 22 | 10.588 | -0.412 | 11.000 | -0.9784 | -0.5000 | -0.4784 |
| qo | 5084 | 17.325 | 8 | 17 | 9.325 | 0.325 | 9.000 | -0.9731 | -0.5294 | -0.4436 |
| a-Other | 807 | 2.750 | 8 | 3 | -5.250 | -0.250 | -5.000 | -0.8302 | 0.6250 | -1.4552 |
| daiin Relatives | 1598 | 5.445 | 10 | 2 | -4.555 | 3.445 | -8.000 | -0.9143 | 0.8000 | -1.7143 |
| [dlrs][ao][lr] | 1729 | 5.892 | 10 | 5 | -4.108 | 0.892 | -5.000 | -0.9208 | 0.5000 | -1.4208 |
| [ao][lr] | 630 | 2.147 | 6 | 2 | -3.853 | 0.147 | -4.000 | -0.7825 | 0.6667 | -1.4492 |
| ce | 5906 | 20.126 | 17 | 29 | 3.126 | -8.874 | 12.000 | -0.9768 | -0.4138 | -0.5630 |
| cse | 3259 | 11.106 | 14 | 4 | -2.894 | 7.106 | -10.000 | -0.9580 | 0.7143 | -1.6722 |
| l[fptk] | 506 | 1.724 | 4 | 5 | -2.276 | -3.276 | 1.000 | -0.7292 | -0.2000 | -0.5292 |
| [dlrs]o Other | 366 | 1.247 | 1 | 5 | 0.247 | -3.753 | 4.000 | -0.6257 | -0.8000 | 0.1743 |
| **[dlrs][ao][lr] (172)** | | | | | | | | | | |
| qo | 5084 | 218.646 | 135 | 259 | 83.646 | -40.354 | 124.000 | -0.6599 | -0.4788 | -0.1811 |
| [yo][fptk] | 6335 | 272.447 | 198 | 278 | 74.447 | -5.553 | 80.000 | -0.7271 | -0.2878 | -0.4393 |
| cse | 3259 | 140.159 | 207 | 105 | -66.841 | 35.159 | -102.000 | -0.4695 | 0.4928 | -0.9622 |
| a-Other | 807 | 34.706 | 73 | 21 | -38.294 | 13.706 | -52.000 | 0.5333 | 0.7123 | -0.1791 |
| [fptk]c | 1024 | 44.039 | 24 | 41 | 20.039 | 3.039 | 17.000 | 0.4078 | -0.4146 | 0.8224 |
| [yo] Other | 1235 | 53.113 | 73 | 34 | -19.887 | 19.113 | -39.000 | 0.2857 | 0.5342 | -0.2485 |
| [dlrs][ao][lr] | 1729 | 74.358 | 94 | 94 | -19.642 | -19.642 | 0.000 | 0.0000 | 0.0000 | 0.0000 |
| c[fptk]e | 854 | 36.728 | 19 | 43 | 17.728 | -6.272 | 24.000 | 0.5061 | -0.5581 | 1.0642 |
| ce | 5906 | 253.997 | 267 | 286 | -13.003 | -32.003 | 19.000 | -0.7072 | -0.0664 | -0.6408 |
| l[fptk] | 506 | 21.761 | 10 | 23 | 11.761 | -1.239 | 13.000 | 0.7073 | -0.5652 | 1.2726 |
| [dlrsy]c | 1034 | 44.469 | 55 | 53 | -10.531 | -8.531 | -2.000 | 0.4020 | 0.0364 | 0.3656 |
| [fptk]e | 574 | 24.686 | 15 | 24 | 9.686 | 0.686 | 9.000 | 0.6680 | -0.3750 | 1.0430 |
| [fptk]o | 589 | 25.331 | 17 | 18 | 8.331 | 7.331 | 1.000 | 0.6593 | -0.0556 | 0.7149 |
| [yo]c | 531 | 22.837 | 30 | 14 | -7.163 | 8.837 | -16.000 | 0.6929 | 0.5333 | 0.1596 |
| [yo][dlrs] | 1595 | 68.596 | 75 | 67 | -6.404 | 1.596 | -8.000 | 0.0775 | 0.1067 | -0.0292 |
| [ao][lr] | 630 | 27.094 | 33 | 20 | -5.906 | 7.094 | -13.000 | 0.6356 | 0.3939 | 0.2417 |
| dy and Prefixes | 347 | 14.923 | 20 | 23 | -5.077 | -8.077 | 3.000 | 0.7993 | -0.1304 | 0.9297 |
| Single-Symbol List | 508 | 21.847 | 17 | 11 | 4.847 | 10.847 | -6.000 | 0.7062 | 0.3529 | 0.3532 |
| [yo]i | 66 | 2.838 | 7 | 1 | -4.162 | 1.838 | -6.000 | 0.9618 | 0.8571 | 0.1047 |
| daiin Suffix Group | 70 | 3.010 | 7 | 5 | -3.990 | -1.990 | -2.000 | 0.9595 | 0.2857 | 0.6738 |
| [yo]e | 186 | 7.999 | 11 | 5 | -3.001 | 2.999 | -6.000 | 0.8924 | 0.5455 | 0.3470 |
| dam Group | 211 | 9.074 | 12 | 17 | -2.926 | -7.926 | 5.000 | 0.8780 | -0.2941 | 1.1721 |
| daiin Relatives | 1598 | 68.725 | 66 | 51 | 2.725 | 17.725 | -15.000 | 0.0758 | 0.2273 | -0.1515 |
| [fptk]a | 497 | 21.374 | 19 | 18 | 2.374 | 3.374 | -1.000 | 0.7126 | 0.0526 | 0.6599 |
| [dlrs] Duplifixes | 137 | 5.892 | 5 | 10 | 0.892 | -4.108 | 5.000 | 0.9208 | -0.5000 | 1.4208 |
| qo[lr] | 172 | 7.397 | 8 | 2 | -0.603 | 5.397 | -6.000 | 0.9005 | 0.7500 | 0.1505 |
| dy Variants Possibly | 65 | 2.795 | 3 | 6 | -0.205 | -3.205 | 3.000 | 0.9624 | -0.5000 | 1.4624 |
| **dam Group (211)** | | | | | | | | | | |
| ce | 5906 | 30.997 | 14 | 29 | 16.997 | 1.997 | 15.000 | -0.9643 | -0.5172 | -0.4470 |
| qo | 5084 | 26.683 | 12 | 15 | 14.683 | 11.683 | 3.000 | -0.9585 | -0.2000 | -0.7585 |
| [dlrsy]c | 1034 | 5.427 | 15 | 4 | -9.573 | 1.427 | -11.000 | -0.7959 | 0.7333 | -1.5293 |
| [dlrs][ao][lr] | 1729 | 9.074 | 17 | 12 | -7.926 | -2.926 | -5.000 | -0.8780 | 0.2941 | -1.1721 |
| [yo]c | 531 | 2.787 | 10 | 0 | -7.213 | 2.787 | -10.000 | -0.6026 | 1.0000 | -1.6026 |
| cse | 3259 | 17.104 | 11 | 4 | 6.104 | 13.104 | -7.000 | -0.9353 | 0.6364 | -1.5716 |
| c[fptk]e | 854 | 4.482 | 0 | 6 | 4.482 | -1.518 | 6.000 | -0.7529 | -1.0000 | 0.2471 |
| a-Other | 807 | 4.235 | 0 | 10 | 4.235 | -5.765 | 10.000 | -0.7385 | -1.0000 | 0.2615 |
| daiin Relatives | 1598 | 8.387 | 12 | 15 | -3.613 | -6.613 | 3.000 | -0.8680 | -0.2000 | -0.6680 |
| [fptk]e | 574 | 3.013 | 0 | 4 | 3.013 | -0.987 | 4.000 | -0.6324 | -1.0000 | 0.3676 |
| [fptk]a | 497 | 2.608 | 2 | 9 | 0.608 | -6.392 | 7.000 | -0.5755 | -0.7778 | 0.2023 |
| [dlrs]ai Other | 72 | 0.378 | 0 | 4 | 0.378 | -3.622 | 4.000 | 0.6588 | -1.0000 | 1.6588 |
| **dy and Prefixes (347)** | | | | | | | | | | |
| dy and Prefixes | 347 | 2.995 | 16 | 16 | -13.005 | -13.005 | 0.000 | 0.0000 | 0.0000 | 0.0000 |
| ce | 5906 | 50.976 | 40 | 61 | 10.976 | -10.024 | 21.000 | -0.9412 | -0.3443 | -0.5970 |
| cse | 3259 | 28.129 | 20 | 24 | 8.129 | 4.129 | 4.000 | -0.8935 | -0.1667 | -0.7269 |
| [dlrs][ao][lr] | 1729 | 14.923 | 23 | 20 | -8.077 | -5.077 | -3.000 | -0.7993 | 0.1304 | -0.9297 |
| [dlrsy]c | 1034 | 8.925 | 17 | 4 | -8.075 | 4.925 | -13.000 | -0.6644 | 0.7647 | -1.4291 |
| [yo] Other | 1235 | 10.659 | 4 | 5 | 6.659 | 5.659 | 1.000 | -0.7190 | -0.2000 | -0.5190 |
| [yo]c | 531 | 4.583 | 11 | 4 | -6.417 | 0.583 | -7.000 | -0.3465 | 0.6364 | -0.9829 |
| a-Other | 807 | 6.965 | 1 | 6 | 5.965 | 0.965 | 5.000 | -0.5700 | -0.8333 | 0.2633 |
| [fptk]o | 589 | 5.084 | 10 | 3 | -4.916 | 2.084 | -7.000 | -0.4109 | 0.7000 | -1.1109 |
| [yo][dlrs] | 1595 | 13.767 | 9 | 10 | 4.767 | 3.767 | 1.000 | -0.7824 | -0.1000 | -0.6824 |
| [ao][lr] | 630 | 5.438 | 1 | 4 | 4.438 | 1.438 | 3.000 | -0.4492 | -0.7500 | 0.3008 |
| l[fptk] | 506 | 4.367 | 1 | 1 | 3.367 | 3.367 | 0.000 | -0.3142 | 0.0000 | -0.3142 |
| [yo]a | 92 | 0.794 | 4 | 0 | -3.206 | 0.794 | -4.000 | 0.7349 | 1.0000 | -0.2651 |
| c[fptk]e | 854 | 7.371 | 5 | 13 | 2.371 | -5.629 | 8.000 | -0.5937 | -0.6154 | 0.0217 |
| [fptk \| b][dlrsy] | 97 | 0.837 | 3 | 5 | -2.163 | -4.163 | 2.000 | 0.7205 | -0.4000 | 1.1205 |
| **dy Suffix Group (71)** | | | | | | | | | | |
| [dlrsy]c | 1034 | 1.826 | 5 | 3 | -3.174 | -1.174 | -2.000 | -0.9313 | 0.4000 | -1.3313 |
| qo | 5084 | 8.979 | 11 | 13 | -2.021 | -4.021 | 2.000 | -0.9860 | -0.1538 | -0.8322 |
| **dy Variants Possibly (65)** | | | | | | | | | | |
| [yo]c | 531 | 0.859 | 6 | 0 | -5.141 | 0.859 | -6.000 | -0.8776 | 1.0000 | -1.8776 |
| [dlrsy]c | 1034 | 1.672 | 6 | 3 | -4.328 | -1.328 | -3.000 | -0.9371 | 0.5000 | -1.4371 |
| qo | 5084 | 8.220 | 4 | 10 | 4.220 | -1.780 | 6.000 | -0.9872 | -0.6000 | -0.3872 |
| ce | 5906 | 9.549 | 6 | 12 | 3.549 | -2.451 | 6.000 | -0.9890 | -0.5000 | -0.4890 |
| daiin Relatives | 1598 | 2.584 | 6 | 4 | -3.416 | -1.416 | -2.000 | -0.9593 | 0.3333 | -1.2927 |
| [yo][fptk] | 6335 | 10.242 | 7 | 6 | 3.242 | 4.242 | -1.000 | -0.9897 | 0.1429 | -1.1326 |
| [dlrs][ao][lr] | 1729 | 2.795 | 6 | 3 | -3.205 | -0.205 | -3.000 | -0.9624 | 0.5000 | -1.4624 |
| **qo[lr] (172)** | | | | | | | | | | |
| ce | 5906 | 25.267 | 51 | 23 | -25.733 | 2.267 | -28.000 | -0.9709 | 0.5490 | -1.5199 |
| qo | 5084 | 21.751 | 3 | 30 | 18.751 | -8.249 | 27.000 | -0.9662 | -0.9000 | -0.0662 |
| cse | 3259 | 13.943 | 31 | 24 | -17.057 | -10.057 | -7.000 | -0.9472 | 0.2258 | -1.1730 |
| [yo][fptk] | 6335 | 27.103 | 12 | 17 | 15.103 | 10.103 | 5.000 | -0.9728 | -0.2941 | -0.6787 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| [fptk]e | 574 | 2.456 | 10 | 2 | -7.544 | 0.456 | -8.000 | -0.7003 | 0.8000 | -1.5003 |
| a-Other | 807 | 3.453 | 9 | 1 | -5.547 | 2.453 | -8.000 | -0.7869 | 0.8889 | -1.6758 |
| [dlrs][ao][lr] | 1729 | 7.397 | 2 | 8 | 5.397 | -0.603 | 6.000 | -0.9005 | -0.7500 | -0.1505 |
| qo[lr] | 172 | 0.736 | 5 | 5 | -4.264 | -4.264 | 0.000 | 0.0000 | 0.0000 | 0.0000 |
| c[fptk]e | 854 | 3.654 | 0 | 0 | 3.654 | 3.654 | 0.000 | -0.7986 | 0.0000 | -0.7986 |
| daiin Relatives | 1598 | 6.837 | 4 | 3 | 2.837 | 3.837 | -1.000 | -0.8924 | 0.2500 | -1.1424 |
| [yo][dlrs] | 1595 | 6.824 | 9 | 11 | -2.176 | -4.176 | 2.000 | -0.8922 | -0.1818 | -0.7103 |
| [dlrsy]c | 1034 | 4.424 | 4 | 13 | 0.424 | -8.576 | 9.000 | -0.8337 | -0.6923 | -0.1413 |
| **a[lr] Prefix Group (403_** | | | | | | | | | | |
| ce | 5906 | 59.202 | 30 | 43 | 29.202 | 16.202 | 13.000 | -0.9318 | -0.3023 | -0.6294 |
| qo | 5084 | 50.963 | 28 | 23 | 22.963 | 27.963 | -5.000 | -0.9207 | 0.1786 | -1.0993 |
| cse | 3259 | 32.669 | 19 | 13 | 13.669 | 19.669 | -6.000 | -0.8763 | 0.3158 | -1.1921 |
| [yo]c | 531 | 5.323 | 15 | 4 | -9.677 | 1.323 | -11.000 | -0.2411 | 0.7333 | -0.9744 |
| [yo][fptk] | 6335 | 63.503 | 73 | 67 | -9.497 | -3.497 | -6.000 | -0.9364 | 0.0822 | -1.0186 |
| [yo] Other | 1235 | 12.380 | 18 | 32 | -5.620 | -19.620 | 14.000 | -0.6737 | -0.4375 | -0.2362 |
| c[fptk]e | 854 | 8.561 | 3 | 3 | 5.561 | 5.561 | 0.000 | -0.5281 | 0.0000 | -0.5281 |
| daiin Relatives | 1598 | 16.019 | 21 | 20 | -4.981 | -3.981 | -1.000 | -0.7478 | 0.0476 | -0.7954 |
| [fptk]e | 574 | 5.754 | 2 | 2 | 3.754 | 3.754 | 0.000 | -0.2979 | 0.0000 | -0.2979 |
| [ao][lr] | 630 | 6.315 | 3 | 41 | 3.315 | -34.685 | 38.000 | -0.3603 | -0.9268 | 0.5665 |
| [yo][dlrs] | 1595 | 15.988 | 14 | 11 | 1.988 | 4.988 | -3.000 | -0.7473 | 0.2143 | -0.9616 |
| Single-Symbol List | 508 | 5.092 | 4 | 10 | 1.092 | -4.908 | 6.000 | -0.2067 | -0.6000 | 0.3933 |
| [dlrsy]c | 1034 | 10.365 | 10 | 1 | 0.365 | 9.365 | -9.000 | -0.6103 | 0.9000 | -1.5103 |
| [fptk]c | 1024 | 10.265 | 10 | 4 | 0.265 | 6.265 | -6.000 | -0.6064 | 0.6000 | -1.2064 |
| a-Other | 807 | 8.089 | 8 | 22 | 0.089 | -13.911 | 14.000 | -0.5006 | -0.6364 | 0.1357 |
| [fptk]a | 497 | 4.982 | 5 | 14 | -0.018 | -9.018 | 9.000 | -0.1891 | -0.6429 | 0.4537 |

Table 12.12: Notable Words Unlikely to be Conjunctions Due to Participation in 2-Word Labels

| Word | Document Count | Length | Qualifying Instance Count | Qualifying Labels |
|---|---|---|---|---|
| d | 51 | 1 | 1 | f69v Lunar Mansion #18 |
| m | 10 | 1 | 1 | Rosette #4 Volcano-Shaped Protrusion |
| o | 81 | 1 | 1 | f68r3 Star Quadrant #4 Star #2 |
| s | 244 | 1 | 1 | f69v Lunar Mansion #22 |
| am | 84 | 2 | 3 | Pisces Interior #9, Pisces Outer #8, f67r2 Inner Quadrant #3 |
| an | 7 | 2 | 1 | Leo Interior #5 |
| ar | 365 | 2 | 2 | Taurus Light Outer #8, f69r Exterior Quadrant #2 |
| dy | 264 | 2 | 3 | Pisces Outer #12, Gemini Outer #6, f69v Lunar Mansion #17 |
| or | 377 | 2 | 3 | Pisces Outer #2, f84r Pool #17 Nymph #2, Cancer Middle Ring 11 |
| sy | 38 | 2 | 1 | Rosette #8 Exterior Label #5 |
| air | 79 | 3 | 1 | Rosette #8 Exterior Label #1 |
| aly | 29 | 3 | 1 | f70r1 Mushroom Separators #9 |
| ary | 28 | 3 | 4 | Taurus Dark Interior #3, Gemini Outer #4, f67v1 Diagram Exterior Ring #3, Rosette #9 Canister #4 |
| dal | 250 | 3 | 2 | f75v Pool #3 Nymph #7, f68r3 Star Quadrant #8 Star #1 |
| dam | 97 | 3 | 1 | f70r1 Mushroom Separators #5 |
| dar | 321 | 3 | 4 | Pisces Outer #6, Aries Light Interior #5, f67r1 Stars #6, f67v1 Diagram Exterior Ring #4 |
| rar | 22 | 3 | 2 | Pisces Outer #11, Virgo Interior #11 |
| sal | 55 | 3 | 3 | Aries Dark Outer #1, f75r Pool #1 Nymph #1, f67r1 Stars #10 |
| sam | 10 | 3 | 1 | f70r1 Mushroom Separators #6 |
| sar | 83 | 3 | 4 | Pisces Interior #9, f67r1 Stars #11, f68v1 Exterior Stars #7, f69v Lunar Mansion #24 |
| tol | 50 | 3 | 1 | f67r2 Face #3 |
| aiin | 475 | 4 | 3 | Cancer Middle Ring #2, Leo Interior #7, f68v2 Star Divider #6 |
| alol | 10 | 4 | 1 | f65r |
| aram | 12 | 4 | 1 | f67r2 Outer #Ring #11 |
| arar | 8 | 4 | 2 | Aries Light Outer #9, Rosette #9 Canister #2 |
| ceam | 20 | 4 | 1 | Gemini Interior #8 |
| cear | 69 | 4 | 2 | Taurus Light Outer #9, Taurus Dark Outer #4 |
| cedy | 150 | 4 | 1 | f68r3 Star Quadrant #4 Star #3 |
| ceol | 394 | 4 | 1 | f68r2 Star #30 |
| csey | 105 | 4 | 1 | f69r Exterior Quadrant #4 |
| daly | 31 | 4 | 2 | f75r Pool #1 Nymph #2, Rosette #2 Castle 3 Lighthouse-Like |
| daro | 3 | 4 | 2 | f75r Pool #1 Nymph #3, f68v2 Star Divider #8 |
| sair | 30 | 4 | 2 | f68v1 Exterior Stars #1, Rosette #8 Exterior Label #8 |
| sary | 9 | 4 | 2 | Aries Light Outer #7, f68v2 Stars #2 |
| sols | 3 | 4 | 1 | f75r Pool #1 Nymph #3 |
| daiin | 858 | 5 | 4 | Virgo Outer #18, f67r2 Face #3, f82r Tube #1, f68v2 Star Divider #7 |

Table 12.13: Composite Ranks of Adposition Types for 6 Natural Languages, Adjusted for Competing English Part-of-Speech Senses

| Adjusted Composite Rank | English Word | Adjusted Composite Score | Adjusted Instance Count | Adposition Type | Adjusted Composite Rank | English Word | Adjusted Composite Score | Adjusted Instance Count | Adposition Type |
|---|---|---|---|---|---|---|---|---|---|
| 1 | for | 2159.433 | 12 | Instrumental | 29 | among | 364.000 | 2 | Spatial, Property |
| 2 | in | 1972.000 | 10 | Temporal + Spatial | 30 | around | 310.000 | 2 | Spatial, Measurement |
| 3 | with | 1860.000 | 8 | Property | 31 | front | 301.333 | 3 | Spatial |
| 4 | to | 1778.667 | 11 | Directional | 32 | afterwards | 284.667 | 2 | Temporal |
| 5 | by | 1673.667 | 10 | Instrumental | 33 | at all | 276.667 | 2 | Measurement |
| 6 | from | 1611.000 | 10 | Directional | 34 | toward | 270.400 | 3 | Directional |
| 7 | at | 1389.533 | 10 | Temporal + Spatial | 35 | on top of | 269.500 | 2 | Spatial |
| 8 | already | 1369.667 | 6 | Temporal | 36 | in front of | 258.000 | 2 | Spatial |
| 9 | of | 1103.833 | 8 | Property | 37 | as well | 246.167 | 3 | Measurement |
| 10 | after | 992.100 | 5 | Temporal | 38 | behind | 242.400 | 2 | Spatial |
| 11 | on | 986.833 | 6 | Temporal + Spatial | 39 | along | 224.333 | 2 | Spatial |
| 12 | without | 928.000 | 4 | Property | 40 | attached to | 216.000 | 2 | Property |
| 13 | but | 927.884 | 10 | Property | 41 | out of | 216.000 | 2 | Directional |
| 14 | from the | 764.000 | 3 | Directional | 42 | by now | 215.000 | 2 | Temporal |
| 15 | between | 698.000 | 3 | Spatial, Measurement | 43 | as for | 210.400 | 2 | Instrumental |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 16 | over | 668.467 | 5 | Spatial, Measurement | 44 | in order that | 205.000 | 2 | Instrumental |
| 17 | until | 667.000 | 3 | Temporal | 45 | of which | 205.000 | 2 | Instrumental |
| 18 | while | 615.333 | 4 | Temporal | 46 | instead of | 204.000 | 2 | Measurement |
| 19 | about | 591.045 | 7 | Measurement | 47 | up to | 202.600 | 2 | Measurement |
| 20 | above | 499.167 | 4 | Spatial, Measurement | 48 | nowadays | 197.667 | 2 | Temporal |
| 21 | during | 488.000 | 3 | Temporal | 49 | so that | 197.333 | 2 | Instrumental |
| 22 | under | 474.800 | 3 | Spatial | 50 | according to | 196.667 | 2 | Instrumental |
| 23 | through | 450.667 | 3 | Temporal | 51 | up there | 196.333 | 2 | Spatial |
| 24 | out | 439.000 | 2 | Directional | 52 | like | 191.929 | 5 | Property |
| 25 | before | 436.200 | 4 | Temporal | 53 | in the presence of | 191.500 | 2 | Spatial |
| 26 | than | 436.000 | 2 | Measurement | 54 | against | 168.167 | 2 | Spatial |
| 27 | into | 381.000 | 2 | Directional | 55 | ago | 164.667 | 2 | Temporal |
| 28 | in order to | 375.167 | 4 | Instrumental | 56 | up | 97.667 | 1 | Spatial |

Table 13.1: Early $w^N$ "Noun Score" Values

| Noun Score | Distinct Count | Word Count | Share of Distinct Words | Share of All Words in the Document |
|---|---|---|---|---|
| 0.80 | 1454 | 6646 | 0.18064 | 0.17707 |
| 0.64 | 514 | 2635 | 0.06386 | 0.07020 |
| 0.48 | 494 | 1227 | 0.06137 | 0.03269 |
| 0.32 | 622 | 4542 | 0.07728 | 0.12101 |
| 0.24 | 352 | 1993 | 0.04373 | 0.05310 |
| 0.16 | 229 | 517 | 0.02845 | 0.01377 |
| 0.00 | 4384 | 19973 | 0.54466 | 0.53215 |

Table 13.2: Document and Distinct Counts for 73 Word Categories

| Category | Distinct Word Count | Distinct Count in the Top 100 | Document Count | Document % |
|---|---|---|---|---|
| [yo][fptk] | 1518 | 21 | 6792 | 17.725 |
| ce | 1057 | 18 | 5935 | 15.489 |
| qo | 731 | 19 | 5095 | 13.297 |
| cse | 545 | 10 | 3279 | 8.557 |
| [yo][dlrs] | 524 | 2 | 1674 | 4.369 |
| [fptk]c | 399 | 0 | 1027 | 2.68 |
| [dlrsy]c | 331 | 1 | 1039 | 2.712 |
| [dlrs][ao][lr] | 328 | 6 | 1785 | 4.658 |
| [fptk]o | 306 | 0 | 601 | 1.568 |
| [yo]c | 249 | 0 | 548 | 1.43 |
| c[fptk]e | 213 | 2 | 857 | 2.237 |
| [dlrs]o Other | 195 | 0 | 388 | 1.013 |
| [fptk]e | 163 | 0 | 576 | 1.503 |
| a[lr] Prefix Group | 155 | 0 | 409 | 1.067 |
| [yo]e | 153 | 0 | 223 | 0.582 |
| l[fptk] | 140 | 0 | 507 | 1.323 |
| [fptk]a | 117 | 1 | 501 | 1.307 |
| Floating e-Sequence | 102 | 0 | 142 | 0.371 |
| daiin Suffix Group | 87 | 0 | 115 | 0.3 |
| [dlrs] Duplifixes | 82 | 0 | 143 | 0.373 |
| [dlrs][fptk] | 59 | 0 | 64 | 0.167 |
| [dlrs]e | 58 | 0 | 70 | 0.183 |
| dy Suffix Group | 57 | 0 | 76 | 0.198 |
| [dlrs]a Other | 52 | 0 | 99 | 0.258 |
| [fptk \| b][dlrsy] | 51 | 0 | 99 | 0.258 |
| qe | 47 | 0 | 62 | 0.162 |
| [dlrs]ai Other | 44 | 0 | 74 | 0.193 |
| Single-Symbol Word | 31 | 4 | 795 | 2.075 |
| yo | 28 | 0 | 32 | 0.084 |
| [yo]a | 28 | 0 | 96 | 0.251 |
| ai-Initial Other | 27 | 0 | 48 | 0.125 |
| [yo]q | 24 | 0 | 26 | 0.068 |
| daiin Relatives | 23 | 9 | 2315 | 6.042 |
| q[fptk] | 22 | 0 | 26 | 0.068 |
| [yo] Other | 22 | 0 | 103 | 0.269 |
| a[fptk] | 20 | 0 | 24 | 0.063 |
| [yo]i | 18 | 0 | 68 | 0.177 |
| qc | 17 | 0 | 22 | 0.057 |
| dam Suffix Group | 16 | 0 | 19 | 0.05 |
| oy | 15 | 0 | 15 | 0.039 |
| ac Prefix Group | 14 | 0 | 19 | 0.05 |
| c[fptk]c | 12 | 0 | 22 | 0.057 |
| [lrs]y Suffixed Version | 10 | 0 | 11 | 0.029 |
| oo | 10 | 0 | 12 | 0.031 |
| x-Initial | 8 | 0 | 10 | 0.026 |
| ad Prefix Group | 8 | 0 | 11 | 0.029 |
| a-Other | 8 | 0 | 20 | 0.052 |
| c[fptk]o | 7 | 0 | 12 | 0.031 |
| x-2nd Letter | 7 | 0 | 7 | 0.018 |
| qy | 6 | 0 | 8 | 0.021 |
| dy and Prefixes | 6 | 1 | 350 | 0.913 |
| dam Group | 5 | 2 | 211 | 0.551 |
| Special Symbol | 5 | 0 | 5 | 0.013 |
| g-Initial | 5 | 0 | 5 | 0.013 |
| [dlrs] + i-Sequence | 5 | 0 | 5 | 0.013 |
| [ao][lr] | 4 | 4 | 1557 | 4.063 |
| c[fptk]a | 4 | 0 | 4 | 0.01 |
| qa | 4 | 0 | 5 | 0.013 |
| cc | 4 | 0 | 4 | 0.01 |
| co | 4 | 0 | 4 | 0.01 |
| cso | 3 | 0 | 3 | 0.008 |
| dy Variants Possibly | 3 | 0 | 65 | 0.17 |
| c[fptk]y | 3 | 0 | 8 | 0.021 |
| a + e-Sequence | 3 | 0 | 3 | 0.008 |
| Floating i-Sequence | 2 | 0 | 2 | 0.005 |
| qo[lr] | 2 | 1 | 173 | 0.451 |
| qs | 2 | 0 | 2 | 0.005 |
| v-Initial | 2 | 0 | 2 | 0.005 |
| m | 1 | 0 | 1 | 0.003 |
| qlky | 1 | 0 | 1 | 0.003 |
| cy | 1 | 0 | 2 | 0.005 |
| cs | 1 | 0 | 4 | 0.01 |
| [fptk] + i-Sequence | 1 | 0 | 1 | 0.003 |

Table 13.3: Target Frequency Bands for the Optimization Clustering Trial #65

| | Distinct Count | | Document Share | | | Document Rank | | Noun % | | Distribution | Expected |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Name | Min | Max | Min | Max | Increment | Min | Max | Min | Max | Peak Rank | Grammatical Behavior |
| Noun | | | 0.13 | 0.3 | 0.01 | 1 | 1 | | | 6 | Noun |
| Verb | | | 0.1 | 0.2 | 0.01 | 4 | 2 | 0.5 | 0.77 | 5 | Verb |
| Preposition | | | 0.12 | 0.22 | 0.01 | 4 | 1 | | | 4 | Preposition |
| Adjective | | | 0.06 | 0.17 | 0.01 | 4 | 3 | | | 6 | Adjective |
| Adverb | | | 0.005 | 0.08 | 0.01 | 7 | 4 | | | 6 | Adjective |
| Quantifier | | | 0.02 | 0.07 | 0.01 | 10 | 5 | | | 6 | Adjective |
| Negation | 0 | 4 | 0.00988 | 0.04 | 0.01 | 10 | 6 | | | 1 | Neutral |
| Coordinating Conjunction | 4 | 12 | 0.003024 | 0.16 | 0.01 | 10 | 4 | | | 2 | Neutral |
| Subordinating Conjunction | 4 | 12 | 0.001104 | 0.04 | 0.008 | 10 | 5 | | | 3 | Neutral |
| Article | 0 | 8 | 0.001107 | 0.07 | 0.008 | 10 | 5 | | | 0 | Adjective |

Table 13.4: Actual Frequency Bands for Iteration #104, Optimization Clustering Trial #65

| Name | Cluster Probability | Actual Document Probability | Distinct Count Target | Distinct Count | Intra-Cluster Distance | Grammatical Inter-Cluster Distance | Grammatical Intra-Cluster Distance | Actual Target Document Probability Discrepancy | Distinct Count Discrepancy |
|---|---|---|---|---|---|---|---|---|---|
| Noun | 0.23 | 0.22998 | | 1612 | 0.10347 | 0.09302 | 0.05116 | -0.00002 | |
| Verb | 0.16 | 0.18821 | | 2039 | 0.0834 | 0.09351 | 0.05386 | 0.028213 | |
| Preposition | 0.14 | 0.21513 | | 2001 | 0.10797 | 0.09318 | 0.053 | 0.075135 | |
| Adjective | 0.13 | 0.13255 | | 1418 | 0.03986 | 0.09242 | 0.0504 | 0.002557 | |
| Adverb | 0.065 | 0.02388 | | 278 | 0.0013 | 0.09706 | 0.05434 | -0.04113 | |
| Quantifier | 0.06 | 0.03598 | | 290 | 0.0025 | 0.09781 | 0.05374 | -0.02403 | |
| Negation | 0.0298 | 0.00387 | 1 | 1 | 0 | 0 | 0 | -0.02601 | 0 |
| Coordinating Conjunction | 0.113024 | 0.11288 | 12 | 12 | 0.02035 | 0.060379 | 0.02145 | -0.00014 | 0 |
| Subordinating Conjunction | 0.025104 | 0.01136 | 8 | 7 | 0.00016 | 0.08908 | 0.03823 | -0.01375 | -1 |
| Article | 0.017107 | 0.01658 | 5 | 4 | 0.00016 | 0.07993 | 0.03481 | -0.00053 | -1 |

Table 13.5: Affix Segmentation via the Indices of Synthesis and Agglutination

| Affix Definition | Distinct Words | Document Counts | Index of Agglutination Minimum (Document-Wide) | Index of Synthesis (Document-Wide) | Affix Definition | Distinct Words | Document Counts | Index of Agglutination Minimum (Document-Wide) | Index of Synthesis (Document-Wide) |
|---|---|---|---|---|---|---|---|---|---|
| **Document** | **8216** | **38318** | **0.43668** | **2.04086** | | | | | |
| **Infixes** | | | | | | | | | |
| e | 5881 | 22101 | 0.46176 | 2.15762 | i | 1468 | 7061 | 0.40397 | 1.87622 |
| Either | 6693 | 27917 | 0.44845 | 2.06759 | Neither | 1523 | 10401 | 0.40510 | 1.96913 |
| **Combinations** | | | | | | | | | |
| ol- + -[dlrs]y | 62 | 327 | 0.49388 | 3.52788 | ce- + -dy | 133 | 1134 | 0.49514 | 2.14726 |
| [yo][fptk]- + -[dlrs]y | 274 | 1522 | 0.48981 | 2.82588 | cs- + -dy | 75 | 769 | 0.49869 | 2.17295 |
| **Prefixes** | | | | | | | | | |
| | | | | | a- | 285 | 2012 | 0.11257 | 1.28330 |
| | | | | | am- | 12 | 96 | 0.0625 | 1.125 |
| ol- | 303 | 1645 | 0.49148 | 2.67986 | al- | 96 | 509 | 0.23379 | 1.55599 |
| _ol- | 276 | 933 | 0.47052 | 2.43837 | | | | | |
| [ktds]ol- | 137 | 464 | 0.48275 | 2.50646 | | | | | |
| or- | 97 | 632 | 0.48655 | 2.15348 | ar- | 61 | 531 | 0.14595 | 1.35593 |
| od- | 59 | 263 | 0.48288 | 2.11787 | ad- | 9 | 12 | 0 | 1.91666 |
| | | | | | | | | | |
| do- | 106 | 377 | 0.47877 | 2.31564 | da- | 226 | 2349 | 0.48871 | 2.05789 |
| so- | 141 | 375 | 0.46666 | 2.504 | sa- | 82 | 514 | 0.49124 | 2.06420 |
| ro- | 37 | 98 | 0.48979 | 2.47959 | ra- | 36 | 203 | 0.48522 | 2.26590 |
| | | | | | | | | | |
| [yo][fptk]- | 1521 | 6807 | 0.48244 | 2.26590 | Non-[yo][fptk] | 6695 | 31511 | 0.42680 | 1.99225 |
| y[fptk] | 388 | 1261 | 0.45955 | 2.21808 | | | | | |
| o[fptk] | 1133 | 5546 | 0.48764 | 2.27677 | a[fptk] | 20 | 24 | 0.02083 | 1.75 |
| yl | 13 | 17 | 0.5 | 2.47058 | y- minus [y][fptk] | 240 | 647 | 0.36244 | 1.95208 |
| **[fptk] 2nd** | | | | | | | | | |
| [fptk]- | 2028 | 8367 | 0.46223 | 2.18405 | | | | | |
| lk- | 100 | 443 | 0.48532 | 2.19864 | | | | | |
| l[fptk]- | 139 | 506 | 0.47924 | 2.22529 | d[fptk]- | 31 | 35 | 0.4 | 2.06451 |
| qo[fptk] | 490 | 4447 | 0.49235 | 2.20643 | q[fptk]- | 22 | 26 | 0.19230 | 2.11538 |
| | | | | | c[fptk]- | 228 | 892 | 0.34080 | 1.61403 |
| | | | | | a[fptk] | 20 | 24 | 0.02083 | 1.75 |
| **cs 1st or 2nd** | | | | | | | | | |
| | | | | | c[*ts*]e | 9703 | 1682 | 0.48603 | 1.99113 |
| | | | | | ce | 1057 | 5935 | 0.48854 | 2.01347 |
| | | | | | cs | 549 | 3286 | 0.48295 | 1.97961 |
| | | | | | c- | 1855 | 10140 | 0.47278 | 1.96489 |
| | | | | | _c- | 1022 | 2667 | 0.43232 | 2.08736 |
| | | | | | _s- | 611 | 3411 | 0.47991 | 1.97977 |
| **[fptk] 1st** | | | | | | | | | |
| | | | | | [fptk]- | 1041 | 2843 | 0.34699 | 1.77031 |
| [fptk]ol- | 114 | 261 | 0.42911 | 2.30651 | [fptk]o- | 305 | 600 | 0.39166 | 2.15 |
| **The q-Group** | | | | | | | | | |
| | | | | | q- | 833 | 5394 | 0.47608 | 2.16499 |
| | | | | | qe- | 47 | 62 | 0.00806 | 1.01612 |
| qol- | 46 | 253 | 0.49407 | 2.32806 | qo- | 5267 | 733 | 0.48614 | 2.18511 |
| qo[fptk] | 490 | 4447 | 0.49235 | 2.20643 | q[fptk]- | 22 | 26 | 0.19230 | 2.11538 |
| | | | | | | | | | |
| dl | 17 | 39 | 0.47435 | 2.26590 | [dlrsy]- | 2084 | 8787 | 0.44622 | 2.11710 |
| dd- | 9 | 11 | 0.45454 | 2.45454 | ld- | 13 | 49 | 0.5 | 2.16326 |
| **Suffixes** | | | | | | | | | |
| | | | | | -l | 953 | 5953 | 0.45313 | 1.99916 |
| | | | | | -r | 1160 | 5832 | 0.42412 | 1.95558 |
| | | | | | -s | 540 | 1377 | 0.36855 | 1.84313 |
| | | | | | -m | 393 | 1050 | 0.41095 | 1.98285 |
| -dl | 26 | 50 | 0.45 | 2.1 | -d | 346 | 661 | 0.40468 | 1.99546 |
| -y | 3136 | 15534 | 0.46671 | 2.23735 | -g | 92 | 118 | 0.29237 | 1.81355 |
| -[dlrysmg][2] minus –dy | 782 | 1440 | 0.45868 | 2.39305 | -y minus -dy | 2044 | 8745 | 0.45603 | 2.01989 |
| -[dlrysmg] | 6620 | 30525 | 0.44756 | 2.10365 | NOT –[dlrysmg] | 1596 | 7793 | 0.39407 | 1.79494 |
| **+ -y** | | | | | | | | | |
| | | | | | -ky | 145 | 734 | 0.46934 | 1.96594 |
| -[dlrs]y | 1501 | 7714 | 0.47977 | 2.50998 | -[fptk]y | 274 | 1254 | 0.45215 | 1.88686 |
| -[dlrs]y with e-infixes | 1105 | 6252 | 0.47888 | 2.50559 | - [dlrs]y without e- | 396 | 1462 | 0.48358 | 2.52872 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| -dy | 1092 | 6789 | 0.48048 | 2.51745 | infixes<br>-gy | 11 | 12 | 0.04166 | 1.83333 |
| -[lrs]y | 409 | 925 | 0.47459 | 2.45513 | -my | 9 | 9 | 0.22222 | 1.77777 |
| **-n** | | | | | | | | | |
| | | | | | -n | 980 | 6092 | 0.41234 | 1.88099 |
| | | | | | -n_ | 38 | 44 | 0.42045 | 2.02272 |
| **-[ao]** | | | | | | | | | |
| -o_ | 1312 | 6925 | 0.48036 | 2.06209 | -a_ | 1309 | 5834 | 0.40426 | 1.91755 |
| -ol | 438 | 3594 | 0.48720 | 2.06149 | -al | 395 | 2094 | 0.41021 | 1.91977 |
| -or | 405 | 2286 | 0.48447 | 2.09492 | -ar | 508 | 2715 | 0.40276 | 1.90718 |
| **Other** | | | | | | | | | |
| | | | | | -[fptk] | 85 | 184 | 0.16576 | 1.15217 |

Table 13.6: [yo][fptk]-Initial Words Resulting from Prefix Ablation

| Prefix | % of Prefixed Words Matching Roots | Non-Solitary to Solitary Word Ratios | | | % Solitary Words Prefixed | After Replacement % | Solitary Word Ratio Improvement | Total Distinct Word Reduction | |
|---|---|---|---|---|---|---|---|---|---|
| | | Prefixed Words | Roots After Replacements | % Prefixed + Roots Prior to Replacement | | | | All | Solitary |
| Roots (Baseline) | | 472:1049 | 472:1049 | 944:2098 | 68.968 | | | | |
| k | 100 | 1:6 | 472:1049 | 473:1055 | 85.714 | 68.968 | 0.00076 | 7 | 6 |
| r | 100 | 0:5 | 472:1049 | 472:1054 | 100 | 68.968 | 0.00101 | 5 | 5 |
| t | 100 | 4:5 | 472:1049 | 476:1054 | 55.556 | 68.968 | -0.00078 | 9 | 5 |
| ê | 100 | 0:1 | 472:1049 | 472:1050 | 100 | 68.968 | 0.00020 | 1 | 1 |
| l | 91.667 | 4:8 | 472:1050 | 476:1057 | 66.667 | 68.988 | -0.00038 | 11 | 7 |
| s | 89.286 | 3:25 | 472:1052 | 475:1074 | 89.286 | 69.029 | 0.00306 | 25 | 22 |
| d | 87.805 | 9:32 | 476:1050 | 481:1081 | 78.049 | 68.807 | 0.00398 | 36 | 31 |
| y | 80 | 0:10 | 472:1051 | 472:1059 | 100 | 69.009 | 0.00161 | 8 | 8 |
| p | 70 | 0:10 | 472:1052 | 472:1059 | 100 | 69.029 | 0.00141 | 7 | 7 |
| e | 66.667 | 0:3 | 472:1050 | 472:1052 | 100 | 68.988 | 0.00040 | 2 | 2 |
| o | 63.636 | 0:11 | 472:1053 | 472:1060 | 100 | 69.049 | 0.00141 | 7 | 7 |
| q | 61.134 | 199:295 | 562:1151 | 671:1344 | 59.717 | 67.192 | -0.00492 | 302 | 193 |
| Digraphs | | | | | | | | | |
| oq | 90.909 | 1:10 | 472:1050 | 473:1059 | 90.909 | 68.988 | 0.00137 | 10 | 9 |
| ce | 80.263 | 60:92 | 487:1064 | 532:1141 | 60.526 | 68.601 | -0.00400 | 122 | 77 |
| op | 66.667 | 0:3 | 472:1050 | 472:1052 | 100 | 68.988 | 0.00040 | 2 | 2 |
| Trigraphs | | | | | | | | | |
| dce | 88.889 | 1:8 | 472:1050 | 473:1057 | 88.889 | 68.988 | 0.00096 | 8 | 7 |
| cse | 83.333 | 19:41 | 476:1055 | 491:1090 | 68.333 | 68.909 | 0.00034 | 50 | 35 |
| ote | 83.333 | 1:5 | 472:1050 | 473:1054 | 83.333 | 68.988 | 0.00036 | 5 | 4 |
| cee | 80.702 | 15:42 | 474:1058 | 487:1091 | 73.684 | 69.06 | 0.00078 | 46 | 33 |
| pce | 80 | 0:5 | 473:1049 | 472:1054 | 100 | 68.922 | 0.00146 | 4 | 5 |
| oke | 80 | 0:10 | 472:1051 | 472:1059 | 100 | 69.009 | 0.00161 | 8 | 8 |
| Quadgraphs | | | | | | | | | |
| csee | 100 | 4:20 | 473:1048 | 476:1069 | 83.333 | 68.902 | 0.00288 | 24 | 21 |
| dcee | 100 | 1:3 | 472:1049 | 473:1052 | 75 | 68.968 | 0.00015 | 4 | 3 |
| otce | 100 | 1:3 | 472:1049 | 473:1052 | 75 | 68.968 | 0.00015 | 4 | 3 |
| ycee | 100 | 1:1 | 472:1049 | 473:1050 | 50 | 68.968 | -0.00024 | 2 | 1 |

Table 13.7: [yo][fptk]-Initial Words Resulting from Suffix Ablation

| Suffix | % of Prefixed Words Matching Roots | Non-Solitary to Solitary Word Ratios | | | | After Replacement % | Distinct Matching Words After Subtraction | Solitary Word Ratio Improvement | Total Distinct Word Reduction | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Prefixed Words | Roots After Replacements | % Prefixed + Roots Prior to Replacement | % Solitary Words Prefixed | | | | All | Solitary |
| Roots (Baseline) | | 472:1049 | 472:1049 | 944:2098 | 68.968 | | | | | |
| k | 100 | 2:1 | 473:1055 | 474:1050 | 33.333 | 69.045 | 3 | -0.00146 | -4 | -5 |
| p | 100 | 0:2 | 473:1057 | 472:1051 | 100 | 69.085 | 2 | -0.00076 | -7 | -6 |
| t | 50 | 1:1 | 476:1054 | 473:1050 | 50 | 68.889 | 1 | 0.00053 | -7 | -4 |
| d | 50 | 17:65 | 481:1081 | 489:1114 | 79.268 | 69.206 | 41 | 0.00288 | 41 | 33 |
| a | 47.368 | 2:17 | 472:1049 | 474:1066 | 89.474 | 68.968 | 9 | 0.00252 | 19 | 17 |
| s | 43.925 | 31:76 | 478:1068 | 503:1125 | 71.028 | 69.082 | 47 | 0.00021 | 82 | 57 |
| o | 39.683 | 22:41 | 472:1060 | 494:1090 | 65.079 | 69.191 | 25 | -0.00377 | 52 | 30 |
| g | 28 | 1:24 | 472:1049 | 473:1073 | 96 | 68.968 | 7 | 0.00437 | 25 | 24 |
| l | 27.907 | 54:118 | 477:1054 | 526:1167 | 68.605 | 68.844 | 48 | 0.00086 | 162 | 113 |
| y | 26.705 | 178:350 | 472:1059 | 650:1399 | 66.288 | 69.17 | 141 | -0.00893 | 518 | 340 |
| m | 25.843 | 24:65 | 472:1049 | 496:1114 | 73.034 | 68.968 | 23 | 0.00224 | 89 | 65 |
| f | 25 | 0:4 | 472:1049 | 472:1053 | 100 | 68.968 | 1 | 0.00081 | 4 | 4 |
| r | 17.467 | 79:150 | 472:1054 | 551:1199 | 65.502 | 69.069 | 40 | -0.00555 | 224 | 145 |
| n | 4.046 | 59:114 | 472:1049 | 531:1163 | 65.896 | 68.968 | 7 | -0.00313 | 173 | 114 |
| B | 0 | 0:1 | 472:1049 | 472:1050 | 100 | 68.968 | 0 | 0.00020 | 1 | 1 |
| Î | 0 | 0:1 | 472:1049 | 472:1050 | 100 | 68.968 | 0 | 0.00020 | 1 | 1 |
| Digraphs | | | | | | | | | | |
| ÷B | 100 | 0:1 | 472:1049 | 472:1050 | 100 | 68.968 | 1 | 0.00020 | 1 | 1 |
| cf | 100 | 0:1 | 472:1049 | 472:1050 | 100 | 68.968 | 1 | 0.00020 | 1 | 1 |
| cs | 100 | 0:1 | 472:1049 | 472:1050 | 100 | 68.968 | 1 | 0.00020 | 1 | 1 |
| ai | 100 | 1:0 | 472:1049 | 473:1049 | 0 | 68.968 | 1 | -0.00045 | 1 | 0 |
| ef | 100 | 0:1 | 472:1049 | 472:1050 | 100 | 68.968 | 1 | 0.00020 | 1 | 1 |
| ke | 100 | 0:2 | 472:1050 | 472:1051 | 100 | 68.988 | 2 | 0.00020 | 1 | 1 |
| kl | 100 | 0:1 | 472:1049 | 472:1050 | 100 | 68.968 | 1 | 0.00020 | 1 | 1 |
| ka | 100 | 0:3 | 472:1049 | 472:1052 | 100 | 68.968 | 3 | 0.00061 | 3 | 3 |
| lm | 100 | 0:1 | 472:1049 | 472:1050 | 100 | 68.968 | 1 | 0.00020 | 1 | 1 |
| kd | 100 | 0:1 | 472:1049 | 472:1050 | 100 | 68.968 | 1 | 0.00020 | 1 | 1 |
| lr | 100 | 0:1 | 472:1049 | 472:1050 | 100 | 68.968 | 1 | 0.00020 | 1 | 1 |
| ko | 100 | 1:1 | 472:1049 | 473:1050 | 50 | 68.968 | 2 | -0.00024 | 2 | 1 |
| on | 100 | 0:1 | 472:1049 | 472:1050 | 100 | 68.968 | 1 | 0.00020 | 1 | 1 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| oo | 100 | 0:1 | 472:1049 | 472:1050 | 100 | 68.968 | 1 | 0.00020 | 1 | 1 |
| rk | 100 | 0:1 | 472:1049 | 472:1050 | 100 | 68.968 | 1 | 0.00020 | 1 | 1 |
| pa | 100 | 0:1 | 472:1049 | 472:1050 | 100 | 68.968 | 1 | 0.00020 | 1 | 1 |
| rl | 100 | 0:1 | 472:1049 | 472:1050 | 100 | 68.968 | 1 | 0.00020 | 1 | 1 |
| ta | 100 | 1:1 | 472:1049 | 473:1050 | 50 | 68.968 | 2 | -0.00024 | 2 | 1 |
| te | 100 | 0:1 | 472:1051 | 472:1050 | 100 | 69.009 | 1 | -0.00020 | -1 | -1 |
| tl | 100 | 1:0 | 472:1049 | 473:1049 | 0 | 68.968 | 1 | -0.00045 | 1 | 0 |
| ra | 100 | 0:1 | 472:1049 | 472:1050 | 100 | 68.968 | 1 | 0.00020 | 1 | 1 |
| to | 100 | 2:0 | 472:1049 | 474:1049 | 0 | 68.968 | 2 | -0.00090 | 2 | 0 |
| yg | 100 | 0:1 | 472:1049 | 472:1050 | 100 | 68.968 | 1 | 0.00020 | 1 | 1 |
| ro | 100 | 0:4 | 472:1049 | 472:1053 | 100 | 68.968 | 4 | 0.00081 | 4 | 4 |
| sd | 100 | 1:2 | 472:1049 | 473:1051 | 66.667 | 68.968 | 3 | -4.52975E-05 | 3 | 2 |
| yr | 100 | 0:2 | 472:1049 | 472:1051 | 100 | 68.968 | 2 | 0.00040 | 2 | 2 |
| yo | 100 | 0:1 | 472:1049 | 472:1050 | 100 | 68.968 | 1 | 0.00020 | 1 | 1 |
| ys | 87.5 | 1:7 | 472:1049 | 473:1056 | 87.5 | 68.968 | 7 | 0.00096 | 8 | 7 |
| yd | 87.5 | 1:7 | 472:1050 | 473:1056 | 87.5 | 68.988 | 7 | 0.00076 | 7 | 6 |
| yl | 85.714 | 0:7 | 472:1049 | 472:1056 | 100 | 68.968 | 6 | 0.00142 | 7 | 7 |
| ld | 75 | 1:7 | 472:1049 | 473:1056 | 87.5 | 68.968 | 6 | 0.00096 | 8 | 7 |
| ad | 75 | 1:3 | 472:1049 | 473:1052 | 75 | 68.968 | 3 | 0.00015 | 4 | 3 |
| dg | 75 | 0:4 | 472:1049 | 472:1053 | 100 | 68.968 | 3 | 0.00081 | 4 | 4 |
| do | 75 | 1:3 | 472:1049 | 473:1052 | 75 | 68.968 | 3 | 0.00015 | 4 | 3 |
| ag | 71.429 | 1:6 | 472:1049 | 473:1055 | 85.714 | 68.968 | 5 | 0.00076 | 7 | 6 |
| ls | 70 | 2:8 | 472:1049 | 474:1057 | 80 | 68.968 | 7 | 0.00072 | 10 | 8 |
| sy | 68.75 | 3:13 | 472:1050 | 475:1062 | 81.25 | 68.988 | 11 | 0.00107 | 15 | 12 |
| ky | 68.421 | 5:14 | 472:1049 | 477:1063 | 73.684 | 68.968 | 13 | 0.00058 | 19 | 14 |
| my | 66.667 | 0:3 | 472:1049 | 472:1052 | 100 | 68.968 | 2 | 0.00061 | 3 | 3 |
| an | 66.667 | 3:6 | 472:1049 | 475:1055 | 66.667 | 68.968 | 6 | -0.00013 | 9 | 6 |
| dl | 66.667 | 0:6 | 472:1049 | 472:1055 | 100 | 68.968 | 4 | 0.00121 | 6 | 6 |
| dm | 66.667 | 0:3 | 472:1049 | 472:1052 | 100 | 68.968 | 2 | 0.00061 | 3 | 3 |
| ce | 66.667 | 1:5 | 509:1082 | 473:1054 | 83.333 | 68.008 | 4 | 0.01016 | -64 | -28 |
| gy | 66.667 | 1:5 | 472:1049 | 473:1054 | 83.333 | 68.968 | 4 | 0.00056 | 6 | 5 |
| as | 64.706 | 4:13 | 472:1049 | 476:1062 | 76.471 | 68.968 | 11 | 0.00082 | 17 | 13 |
| al | 63.291 | 29:50 | 472:1049 | 501:1099 | 63.291 | 68.968 | 50 | -0.00280 | 79 | 50 |
| om | 61.905 | 5:16 | 472:1049 | 477:1065 | 76.19 | 68.968 | 13 | 0.00098 | 21 | 16 |
| am | 60.377 | 18:35 | 472:1049 | 490:1084 | 66.038 | 68.968 | 32 | -0.00098 | 53 | 35 |
| da | 60 | 1:9 | 472:1050 | 473:1058 | 90 | 68.988 | 6 | 0.00116 | 9 | 8 |
| lo | 60 | 1:4 | 472:1049 | 473:1053 | 80 | 68.968 | 3 | 0.00036 | 5 | 4 |
| fy | 60 | 1:4 | 472:1049 | 473:1053 | 80 | 68.968 | 3 | 0.00036 | 5 | 4 |
| ty | 55.556 | 2:7 | 472:1049 | 474:1056 | 77.778 | 68.968 | 5 | 0.00051 | 9 | 7 |
| oy | 53.846 | 7:6 | 472:1049 | 479:1055 | 46.154 | 68.968 | 7 | -0.00193 | 13 | 6 |
| ar | 51 | 37:63 | 472:1052 | 509:1112 | 63 | 69.029 | 51 | -0.00429 | 97 | 60 |
| dr | 50 | 0:2 | 472:1049 | 472:1051 | 100 | 68.968 | 1 | 0.00040 | 2 | 2 |
| ay | 50 | 1:5 | 472:1049 | 473:1054 | 83.333 | 68.968 | 3 | 0.00056 | 6 | 5 |
| of | 50 | 0:2 | 472:1049 | 472:1051 | 100 | 68.968 | 1 | 0.00040 | 2 | 2 |
| lg | 50 | 0:4 | 472:1049 | 472:1053 | 100 | 68.968 | 2 | 0.00081 | 4 | 4 |
| ry | 50 | 6:20 | 472:1049 | 478:1069 | 76.923 | 68.968 | 13 | 0.00133 | 26 | 20 |
| os | 48.387 | 11:20 | 472:1049 | 483:1069 | 64.516 | 68.968 | 15 | -0.00088 | 31 | 20 |
| or | 44.737 | 32:44 | 472:1050 | 504:1093 | 57.895 | 68.988 | 34 | -0.00547 | 75 | 43 |
| dy | 43.169 | 80:103 | 472:1050 | 552:1152 | 56.284 | 68.988 | 79 | -0.01382 | 182 | 102 |
| od | 42.857 | 8:20 | 472:1049 | 480:1069 | 71.429 | 68.968 | 12 | 0.00044 | 28 | 20 |
| ol | 41.429 | 24:46 | 473:1052 | 496:1095 | 65.714 | 68.984 | 29 | -0.00158 | 66 | 43 |
| ly | 40.816 | 14:35 | 472:1049 | 486:1084 | 71.429 | 68.968 | 20 | 0.00076 | 49 | 35 |
| rd | 33.333 | 0:3 | 472:1049 | 472:1052 | 100 | 68.968 | 1 | 0.00061 | 3 | 3 |
| py | 20 | 2:3 | 472:1049 | 474:1052 | 60 | 68.968 | 1 | -0.00029 | 5 | 3 |
| ll | 20 | 0:5 | 472:1049 | 472:1054 | 100 | 68.968 | 1 | 0.00101 | 5 | 5 |

Table 13.8: [yo][dlrs]-Initial Words Resulting from Prefix Ablation

| **[yo][lr]** | | | | | **[yo][ds]** | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Prefix** | **Prefixed Word Count** | **% of Prefixed Words Matching Roots** | **Total Distinct Word Reduction (All)** | **Total Distinct Word Reduction (Solitary)** | **Prefix** | **Prefixed Word Count** | **% of Prefixed Words Matching Roots** | **Total Distinct Word Reduction (All)** | **Total Distinct Word Reduction (Solitary)** |
| Roots (Baseline) | 420 | 0 | 420 | 276 | Roots (Baseline) | 116 | 0 | 116 | 83 |
| **a** | 1 | 100 | 1 | 1 | **e** | 1 | 100 | 1 | 1 |
| **e** | 1 | 100 | 1 | 1 | **f** | 2 | 100 | 4 | 4 |
| **x** | 5 | 100 | 2 | 2 | **y** | 4 | 100 | 2 | 2 |
| **y** | 2 | 100 | 5 | 3 | **r** | 8 | 87.5 | 7 | 5 |
| **r** | 18 | 88.889 | 16 | 12 | **l** | 10 | 80 | 8 | 3 |
| **l** | 22 | 86.364 | 19 | 12 | **d** | 16 | 75 | 12 | 10 |
| **q** | 54 | 83.333 | 45 | 28 | **s** | 13 | 69.231 | 9 | 2 |
| **f** | 14 | 71.429 | 10 | 9 | **t** | 17 | 64.706 | 11 | 3 |
| **s** | 56 | 71.429 | 40 | 24 | **k** | 19 | 63.158 | 12 | 8 |
| **t** | 42 | 66.667 | 28 | 24 | **q** | 31 | 61.29 | 19 | 6 |
| **o** | 3 | 66.667 | 2 | 2 | **o** | 4 | 50 | 2 | 2 |
| **p** | 58 | 58.621 | 34 | 22 | **p** | 20 | 40 | 8 | 4 |
| **d** | 59 | 57.627 | 34 | 25 | | | | | |
| **k** | 35 | 54.286 | 19 | 13 | | | | | |
| **B** | 1 | 0 | 0 | 0 | | | | | |
| Digraphs | | | | | | | | | |
| **al** | 10 | 90 | 9 | 5 | **ke** | 7 | 85.714 | 6 | 2 |
| **yt** | 9 | 88.889 | 8 | 6 | **yt** | 10 | 80 | 8 | 7 |
| **ol** | 13 | 84.615 | 11 | 7 | **yk** | 5 | 80 | 4 | 2 |
| **yk** | 11 | 81.818 | 9 | 7 | **ee** | 4 | 75 | 3 | 3 |
| **op** | 11 | 81.818 | 9 | 6 | **ok** | 16 | 75 | 12 | 7 |
| **ok** | 8 | 75 | 27 | 18 | **ar** | 7 | 71.429 | 5 | 3 |
| **or** | 36 | 75 | 6 | 3 | **op** | 10 | 70 | 7 | 6 |
| **ce** | 75 | 69.333 | 52 | 35 | **ce** | 33 | 69.697 | 23 | 14 |
| **ar** | 9 | 66.667 | 6 | 4 | **te** | 12 | 66.667 | 8 | 5 |
| **te** | 6 | 66.667 | 4 | 2 | **et** | 3 | 66.667 | 2 | 2 |
| **oe** | 5 | 60 | 3 | 2 | **ot** | 27 | 62.963 | 17 | 13 |
| **ld** | 2 | 50 | 1 | 0 | **oe** | 7 | 60 | 3 | 3 |
| **ot** | 48 | 45.833 | 22 | 17 | **of** | 10 | 50 | 1 | 1 |

Table 13.9: Top 25 Most Common Words Found at the Beginnings of Paragraphs

| Word | Document Word Count | Paragraph Initiator Count | Share Participating in Paragraph Initiators |
|---|---|---|---|
| pol | 24 | 15 | 62.5 |
| tceedy | 32 | 8 | 25 |
| pceedy | 34 | 8 | 23.529 |
| tol | 50 | 8 | 16 |
| pceedar | 11 | 7 | 63.636 |
| polaiin | 8 | 7 | 87.5 |
| pceeol | 11 | 6 | 54.545 |
| pceey | 12 | 6 | 50 |
| pceor | 12 | 6 | 50 |
| tceor | 19 | 6 | 31.579 |
| tar | 44 | 6 | 13.636 |
| tcseedy | 8 | 5 | 62.5 |
| pceol | 8 | 5 | 62.5 |
| pceeor | 5 | 5 | 100 |
| polceedy | 6 | 4 | 66.667 |
| paiin | 8 | 4 | 50 |
| tcseol | 6 | 4 | 66.667 |
| pceeody | 7 | 4 | 57.143 |
| pceedal | 5 | 4 | 80 |
| pceedaiin | 4 | 4 | 100 |
| pcseeody | 5 | 4 | 80 |
| pcseol | 5 | 4 | 80 |
| podaiin | 5 | 4 | 80 |
| pdaiin | 3 | 3 | 100 |
| pcedair | 4 | 3 | 75 |

Table 13.10: [fptk]-Group Words Resulting from Prefix Ablation

| Prefix | % of Prefixed Words Matching Roots | Count of Prefixed Words | Non-Solitary to Solitary Word Ratios for Prefixes | Total Distinct Word Reduction (All) | Total Distinct Word Reduction (Solitary Words) |
|---|---|---|---|---|---|
| | 0 | 1041 | 312:729 | 797 | 729 |
| q | 86.364 | 22 | 4:18 | 19 | 16 |
| a | 80 | 20 | 3:17 | 16 | 14 |
| d | 77.419 | 31 | 4:27 | 24 | 20 |
| r | 75 | 12 | 0:12 | 9 | 9 |
| s | 75 | 16 | 1:15 | 12 | 12 |
| e | 74.359 | 39 | 3:36 | 29 | 29 |
| l | 64.748 | 139 | 48:91 | 90 | 60 |
| y | 48.711 | 388 | 112:276 | 189 | 132 |
| c | 32.018 | 228 | 82:146 | 73 | 49 |
| o | 29.656 | 1133 | 360:773 | 336 | 214 |

Table 13.11: Prefix Ablation of [fptk]-Group Paragraph Initiators

| Category | Initiator List | Distinct Paragraph Initiator Words | Count of Paragraphs Initiated | % of fptk Paragraph Initiators |
|---|---|---|---|---|
| ce | ceaiin, ceair, ceal, cear, cecsey, cedaiin, cedair, cedal, cedaldy, cedar, cedol, cedor, cee, ceeam, ceear, ceedaiin, ceedaiin, ceedain, ceedal, ceedar, ceedas, ceedol, ceedor, ceedy, ceeedy, ceeeody, ceeeos, ceeey, ceeo, ceeo, ceeo, ceeockey, ceeocpey, ceeodaiin, ceeodain, ceeodal, ceeodar, ceeodcey, ceeodl, ceeody, ceeokeey, ceeol, ceeoor, ceeor, ceeos, ceeoy, ceey, ceo, ceoar, ceoceor, ceoctey, ceod, ceodaiin, ceodaiin, ceodain, ceodair, ceodar, ceodar, ceodol, ceody, ceody, ceof, ceoiin, ceokcey, ceokcsey, ceokedy, ceoky, ceol, ceoldcey, ceoldy, ceolkaiin, ceolkeedy, ceolky, ceolor, ceor, ceoraiin, ceoror, ceotcey, cesy, cey | 98 | 182 | 38.478 |
| cse | csear, csedal, cseeos, cseeot, cseeody, cseody, cseeor, csedar, cseeodal, csedaiin, cseeeor, cseeodar, cseeoldy, cseoiin, csedol, csedor, cseedain, cseedar, cseedor, cseeoky, cseoar, cseodaiin, csey, cseod, cseol, csedy, cseor, cseo, cseey, cseeo, cseedy, cseed | 51 | 77 | 16.279 |
| olk Sans c[s]e | olor, olkeey, olkeeo, olal, olaiin, oly, old, olkedy, olar, olky, oldal, oldaiin, olkey, olkeeedy, olr, olteedy, oleeol, olkeedal, olos | 23 | 32 | 6.765 |
| Interior ce-Members | oceedy, oceor, oceey, olcey, ypceey, olcedy, oceol, olkcey, alced, olceal, olceor, olkcedy, dceody, oceaiin, oceeor, olceear, scedy, olceey, olceedy | 24 | 29 | 6.131 |
| Other I-Sequences | aiir, aiin, daiin, air, oaiin, ais, oiin, dair, ooiin, oir, airar, airody, aiiral, oair | 20 | 27 | 5.708 |
| ol | ol | 2 | 23 | 4.863 |
| [yo][drs] + I-Sequences | osairy, odaiir, ydain, orair, ydaiin, odair, oraiin, odain | 14 | 22 | 4.651 |
| Other o[dr] | odeey, odeeey, orory, odam, oror, orary, odar, odal, orol, oral, or, ody | 16 | 20 | 4.228 |
| Other a-Initial | aror, adar, alkeedy, arody, arair, alar, ar | 8 | 13 | 2.748 |
| E or OE Sequence Follows | oees, oeeo, eeody, eeol, eol, eol, eol, oeeaiin, oeeas, oedair, oeedy | 11 | 11 | 2.326 |
| Interior cse | olkcseey, olcseeol, dcseeody, ocseey, olcseo, ocseol, olcsey | 8 | 9 | 1.903 |
| [yo][fptk] | okol, okar, okain, otoy, ykedy, okary | 7 | 7 | 1.48 |
| oar | oar | 4 | 5 | 1.057 |
| oy | oy | 1 | 3 | 0.634 |
| al | al | 2 | 2 | 0.423 |
| dal | dal | 1 | 2 | 0.423 |
| dar | dar | 1 | 2 | 0.423 |
| dol | dol | 2 | 2 | 0.423 |
| o | o | 1 | 1 | 0.211 |
| salar | salar | 1 | 1 | 0.211 |
| sor | sor | 1 | 1 | 0.211 |
| om | om | 1 | 1 | 0.211 |
| osar | osar | 1 | 1 | 0.211 |

Table 13.12: Decomposition into ce-Initial Words by Prefix Ablation

| Prefix | % of Prefixed Words Matching Roots | Count of Prefixed Words | Non-Solitary to Solitary Word Ratios for Prefixes | Distinct Matching Words after Subtraction | Total Distinct Word Reduction (All) | Total Distinct Word Reduction (Solitary Words) |
|---|---|---|---|---|---|---|
| Roots (Baseline) | 0 | 1057 | 365:692 | 0 | 1057 | 692 |
| a | 100 | 1 | 0:1 | 1 | 1 | 1 |
| Š | 100 | 1 | 0:1 | 1 | 1 | 1 |
| q | 100 | 3 | 0:3 | 3 | 3 | 3 |
| c | 100 | 1 | 0:1 | 1 | 1 | 1 |
| s | 89.744 | 39 | 13:26 | 35 | 35 | 25 |
| r | 85.185 | 27 | 7:20 | 23 | 23 | 17 |
| o | 85 | 40 | 10:30 | 34 | 34 | 26 |
| d | 81.522 | 92 | 28:64 | 75 | 75 | 58 |
| l | 81.25 | 64 | 30:34 | 52 | 52 | 25 |
| e | 80 | 5 | 0:5 | 4 | 4 | 4 |
| k | 79.688 | 64 | 25:39 | 51 | 51 | 31 |
| y | 78.049 | 82 | 30:52 | 64 | 64 | 43 |
| t | 77.5 | 80 | 27:53 | 62 | 62 | 42 |
| f | 76.744 | 43 | 9:34 | 33 | 33 | 29 |
| p | 72 | 100 | 36:64 | 72 | 72 | 45 |
| | | | | | | |
| al | 100 | 14 | 4:10 | 14 | 14 | 10 |
| qo | 100 | 19 | 6:13 | 19 | 19 | 13 |
| or | 93.333 | 15 | 4:11 | 14 | 14 | 10 |
| yt | 90.625 | 32 | 10:22 | 29 | 29 | 22 |
| ce | 90 | 10 | 1:9 | 9 | 9 | 9 |
| ol | 90 | 50 | 16:34 | 45 | 45 | 36 |
| ke | 85.714 | 7 | 3:4 | 6 | 6 | 4 |
| yf | 85.714 | 7 | 1:6 | 6 | 6 | 5 |
| ot | 84.127 | 63 | 25:38 | 53 | 53 | 34 |
| po | 83.333 | 6 | 1:5 | 5 | 5 | 4 |
| yk | 81.25 | 32 | 10:22 | 26 | 26 | 17 |
| yp | 80.769 | 26 | 6:20 | 21 | 21 | 16 |
| ok | 80 | 55 | 23:32 | 44 | 44 | 28 |
| os | 80 | 5 | 0:5 | 4 | 4 | 4 |
| of | 80 | 25 | 6:19 | 20 | 20 | 16 |
| op | 78.333 | 60 | 21:39 | 47 | 47 | 31 |
| ko | 75 | 4 | 0:4 | 3 | 3 | 3 |
| so | 66.667 | 3 | 0:3 | 2 | 2 | 2 |
| Trigraphs | | | | | | |
| qok | 94.444 | 36 | 16:20 | 34 | 34 | 19 |
| qot | 94.118 | 34 | 19:15 | 32 | 32 | 14 |
| qof | 92.308 | 13 | 5:8 | 12 | 12 | 7 |
| cep | 90 | 10 | 1:9 | 9 | 9 | 8 |
| dal | 88.889 | 9 | 3:6 | 8 | 8 | 5 |
| oke | 85.714 | 14 | 4:10 | 12 | 12 | 10 |
| qop | 85.294 | 34 | 11:23 | 29 | 29 | 21 |
| olp | 80 | 5 | 2:3 | 4 | 4 | 2 |
| cet | 80 | 5 | 1:4 | 4 | 4 | 3 |
| ote | 78.571 | 14 | 2:12 | 11 | 11 | 9 |

Table 13.13: Decomposition into *ce*-Initial Words by Suffix Ablation

| Suffix | % of Prefixed Words Matching Roots | Count of Prefixed Words | Non-Solitary to Solitary Word Ratios for Prefixes | Distinct Matching Words after Subtraction | Total Distinct Word Reduction (All) | Total Distinct Word Reduction (Solitary Words) |
|---|---|---|---|---|---|---|
| Roots (Baseline) | 0 | 1057 | 365:692 | 0 | 1057 | 692 |
| p | 100 | 5 | 2:3 | 5 | -73 | -47 |
| f | 100 | 4 | 1:3 | 4 | -32 | -23 |
| t | 75 | 8 | 1:7 | 6 | -52 | -32 |
| a | 72.727 | 11 | 1:10 | 8 | 10 | 9 |
| g | 71.429 | 7 | 3:4 | 5 | 7 | 4 |
| k | 62.5 | 8 | 3:5 | 5 | -39 | -25 |
| s | 52.632 | 57 | 13:44 | 30 | 28 | 24 |
| o | 41.667 | 36 | 13:23 | 15 | 4 | 1 |
| d | 40.909 | 44 | 9:35 | 18 | -24 | -13 |
| e | 40 | 10 | 4:6 | 4 | 6 | 3 |
| l | 30.357 | 112 | 47:65 | 34 | 74 | 45 |
| m | 26.531 | 49 | 14:35 | 13 | 49 | 35 |
| r | 21.379 | 145 | 46:99 | 31 | 128 | 88 |
| y | 20.092 | 433 | 160:273 | 87 | 375 | 238 |
| n | 3.15 | 127 | 48:79 | 4 | 127 | 79 |
| x | 0 | 1 | 0:1 | 0 | 1 | 1 |
| Digraphs | | | | | | |
| om | 83.333 | 6 | 3:3 | 5 | 6 | 3 |
| py | 71.429 | 7 | 2:5 | 5 | 4 | 2 |
| am | 70.588 | 34 | 11:23 | 24 | 33 | 23 |
| ol | 46.296 | 54 | 25:29 | 25 | 34 | 16 |
| od | 37.5 | 16 | 3:13 | 6 | 11 | 11 |
| ed | 31.579 | 19 | 6:13 | 6 | 19 | 13 |
| dy | 30.827 | 133 | 49:84 | 41 | 129 | 81 |
| im | 25 | 4 | 0:4 | 1 | 4 | 4 |
| ir | 23.529 | 17 | 2:15 | 4 | 17 | 15 |
| ey | 9.73 | 185 | 75:110 | 18 | 185 | 110 |
| in | 4.464 | 112 | 44:68 | 5 | 112 | 68 |

Table 13.14: Decomposition into *cse*-Initial Words by Prefix Ablation

| Prefix | % of Prefixed Words Matching Roots | Count of Prefixed Words | Non-Solitary to Solitary Word Ratios for Prefixes | Distinct Matching Words after Subtraction | Total Distinct Word Reduction (All) | Total Distinct Word Reduction (Solitary Words) |
|---|---|---|---|---|---|---|
| Roots (Baseline) | 0 | 545 | 185:360 | 0 | 545 | 360 |
| a | 100 | 1 | 0:1 | 1 | 1 | 1 |
| c | 100 | 1 | 0:1 | 1 | 1 | 1 |
| Œ | 100 | 1 | 0:1 | 1 | 1 | 1 |
| r | 88.889 | 9 | 3:6 | 8 | 8 | 6 |
| d | 84.211 | 38 | 17:21 | 32 | 32 | 19 |
| t | 81.395 | 43 | 13:30 | 35 | 35 | 29 |
| k | 80 | 30 | 16:14 | 24 | 24 | 9 |
| y | 79.07 | 43 | 12:31 | 34 | 34 | 25 |
| l | 77.5 | 40 | 12:28 | 31 | 31 | 20 |
| s | 76.923 | 13 | 4:9 | 10 | 10 | 7 |
| o | 73.913 | 23 | 5:18 | 17 | 17 | 13 |
| p | 70 | 30 | 6:24 | 21 | 21 | 17 |
| f | 57.143 | 7 | 1:6 | 4 | 4 | 3 |
| Digraphs | | | | | | |
| or | 85.714 | 7 | 1:6 | 6 | 6 | 5 |
| op | 84.615 | 13 | 2:11 | 11 | 11 | 10 |
| ol | 83.333 | 18 | 9:9 | 15 | 15 | 6 |
| al | 83.333 | 6 | 2:4 | 5 | 5 | 3 |
| ot | 80 | 20 | 6:14 | 16 | 16 | 10 |
| ko | 66.667 | 3 | 1:2 | 2 | 2 | 2 |
| qo | 60 | 5 | 1:4 | 3 | 3 | 2 |
| ar | 50 | 2 | 0:2 | 1 | 1 | 1 |
| Trigraphs | | | | | | |
| qol | 100 | 6 | 4:2 | 6 | 6 | 2 |
| qop | 100 | 1 | 1:0 | 1 | 1 | 0 |
| yta | 100 | 1 | 0:1 | 1 | 1 | 1 |
| qof | 100 | 4 | 0:4 | 4 | 4 | 4 |
| qot | 100 | 7 | 5:2 | 7 | 7 | 2 |
| sor | 100 | 1 | 0:1 | 1 | 1 | 1 |
| ocf | 100 | 1 | 0:1 | 1 | 1 | 1 |
| sal | 100 | 1 | 0:1 | 1 | 1 | 2 |
| yke | 100 | 2 | 1:1 | 2 | 2 | 1 |
| qok | 90.909 | 11 | 5:6 | 10 | 10 | 5 |
| dal | 85.714 | 7 | 1:6 | 6 | 6 | 5 |

Table 13.15: Decomposition into cse-Initial Words by Suffix Ablation

| Suffix | % of Prefixed Words Matching Roots | Count of Prefixed Words | Non-Solitary to Solitary Word Ratios for Prefixes | Distinct Matching Words after Subtraction | Total Distinct Word Reduction (All) | Total Distinct Word Reduction (Solitary Words) |
|---|---|---|---|---|---|---|
| Roots (Baseline) | 0 | 545 | 185:360 | 0 | 545 | 360 |
| g | 100 | 1 | 0:1 | 1 | 1 | 1 |
| k | 100 | 4 | 3:1 | 4 | -18 | -10 |
| p | 100 | 2 | 0:2 | 2 | -24 | -16 |
| x | 100 | 2 | 0:2 | 2 | 2 | 2 |
| t | 83.333 | 6 | 2:4 | 5 | -28 | -19 |
| a | 80 | 5 | 1:4 | 4 | 4 | 3 |
| d | 76.923 | 13 | 5:8 | 10 | -11 | -4 |
| e | 66.667 | 9 | 4:5 | 6 | 9 | 5 |
| o | 50 | 24 | 6:18 | 12 | 5 | 4 |
| s | 50 | 22 | 7:15 | 11 | 11 | 8 |
| l | 31.746 | 63 | 19:44 | 20 | 34 | 26 |
| m | 30.435 | 23 | 7:16 | 7 | 23 | 16 |
| r | 24.59 | 61 | 19:42 | 15 | 53 | 37 |
| y | 15.294 | 255 | 90:165 | 39 | 225 | 144 |
| n | 3.636 | 55 | 22:33 | 2 | 55 | 33 |
| Digraphs | | | | | | |
| om | 80 | 5 | 2:3 | 4 | 5 | 3 |
| oy | 75 | 4 | 2:2 | 3 | 2 | 0 |
| ky | 75 | 16 | 7:9 | 12 | 16 | 9 |
| ry | 75 | 4 | 1:3 | 3 | 4 | 3 |
| od | 75 | 4 | 2:2 | 3 | 0 | -2 |
| ly | 71.429 | 14 | 2:12 | 10 | 14 | 12 |
| ed | 71.429 | 7 | 3:4 | 5 | 7 | 4 |
| do | 66.667 | 3 | 1:2 | 2 | 3 | 2 |
| et | 66.667 | 3 | 1:2 | 2 | 3 | 2 |
| ls | 66.667 | 3 | 1:2 | 2 | 3 | 2 |
| ot | 66.667 | 3 | 1:2 | 2 | -7 | -5 |
| ty | 66.667 | 9 | 4:5 | 6 | 9 | 5 |
| al | 65.385 | 26 | 10:16 | 17 | 23 | 16 |
| am | 64.706 | 17 | 5:12 | 11 | 17 | 12 |
| ar | 56 | 25 | 11:14 | 14 | 24 | 14 |
| es | 54.545 | 11 | 4:7 | 6 | 11 | 7 |
| ce | 50 | 2 | 0:2 | 1 | -1 | 1 |
| yl | 50 | 2 | 0:2 | 1 | 1 | 1 |
| sy | 50 | 4 | 0:4 | 2 | 3 | 4 |
| or | 46.154 | 26 | 3:23 | 12 | 20 | 19 |
| ol | 43.75 | 32 | 8:24 | 14 | 25 | 20 |
| ir | 42.857 | 7 | 2:5 | 3 | 7 | 5 |
| fy | 40 | 5 | 0:5 | 2 | 4 | 4 |
| ay | 33.333 | 3 | 0:3 | 1 | 3 | 3 |
| eo | 33.333 | 12 | 5:7 | 4 | 12 | 7 |
| dy | 25.333 | 75 | 19:56 | 19 | 74 | 55 |
| ey | 10.169 | 118 | 55:63 | 12 | 118 | 63 |
| in | 9.434 | 53 | 21:32 | 5 | 53 | 32 |

Table 13.16: Interchangeable Decompositions into Existing Root Words Prefixed by cs-

| | Product Category | Category Count | Matching Word Document Count | Matching Word % |
|---|---|---|---|---|
| **Forwards** | | | | |
| [yo][fptk] + non-[cse] | Other | 1151 | 526 | 45.699 |
| [yo][dlrs] + non-[cse] | Other | 420 | 281 | 66.905 |
| [fptk] + non-[cse] | Other | 645 | 347 | 53.798 |
| [yo][fptk]ce | ce | 300 | 246 | 82.000 |
| [yo][fptk]cse | cse | 70 | 60 | 85.714 |
| [yo][dlrs]ce | ce | 84 | 78 | 92.857 |
| [yo][dlrs]cse | cse | 32 | 28 | 87.500 |
| [fptk]ce | ce | 289 | 220 | 76.125 |
| [fptk]cse | cse | 110 | 85 | 77.273 |
| **Backwards** | | | | |
| ce + Other | Other | 688 | 502 | 72.965 |
| cse + Other | Other | 390 | 274 | 70.256 |
| ce[yo][dlrs] | [yo][dlrs] | 108 | 75 | 69.444 |
| ce[fptk] | [fptk] | 111 | 75 | 67.568 |
| cse[yo][dlrs] | [yo][dlrs] | 56 | 40 | 71.429 |
| ce[yo][fptk] | [yo][fptk] | 152 | 122 | 80.263 |
| cse[yo][fptk] | [yo][fptk] | 60 | 50 | 83.333 |
| cse[fptk] | [fptk] | 39 | 34 | 87.179 |

Table 13.17: The Dominance of Noun Candidates in the Tripartite Part-of-Speech Model

| Part of Speech | Counts | | %s | |
|---|---|---|---|---|
| | Distinct | Document | Distinct | Document |
| Noun [yo]-Slot | 5246 | 23716 | 71.863 | 60.929 |
| Modifier y-Base | 624 | 6621 | 8.548 | 17.010 |
| Verb a-Base | 710 | 6555 | 9.726 | 16.841 |
| Single-Letter Word | 18 | 397 | 0.247 | 1.020 |
| Verb Double a-Base (sometimes behaving like a noun) | 214 | 396 | 2.932 | 1.017 |
| Verb Suffixed a-Base (sometimes behaving like a noun) | 109 | 354 | 1.493 | 0.909 |
| 4th Part of Speech - c \| cs + $e^{0-4}$[lrs] | 85 | 298 | 1.164 | 0.766 |
| c \| cs \| c[fptk] \| [tk] + $e^{0-4}$d | 52 | 139 | 0.712 | 0.357 |
| a-Base + y-Base Compound? | 101 | 134 | 1.384 | 0.344 |
| Consonant Clusters + Complex X-Words | 38 | 118 | 0.521 | 0.303 |
| Detached Class Modifier | 21 | 55 | 0.288 | 0.141 |
| Unassigned | 32 | 53 | 0.438 | 0.136 |
| c \| cs \| c[fptk] + $e^{0-4}$[fptk] | 18 | 39 | 0.247 | 0.100 |
| Other $e^{1-4}$s Endings | 12 | 21 | 0.164 | 0.054 |
| c \| cs \| c[fptk] + $e^{0-4}$[mg] | 14 | 20 | 0.192 | 0.051 |
| c \| cs \| c[fptk] + $e^{0-4}$n | 6 | 8 | 0.082 | 0.021 |

Table 14.1: The Hierarchy of Natural Language Adjectives

| English Word | Instance Count | Best Rank | Worst Rank | Subcategory |
|---|---|---|---|---|
| like | 5 | 14 | 88 | Specificational |
| same | 3 | 27 | 71 | Specificational |
| other | 6 | 28 | 85 | Specificational |
| still | 4 | 34 | 72 | Temporal |
| alone | 1 | 35 | 35 | Specificational, Measurement |
| another | 4 | 40 | 85 | Specificational |
| even | 4 | 42 | 98 | Measurement |
| good | 4 | 47 | 86 | Utility |
| great | 5 | 47 | 97 | Utility, Measurement |
| again | 2 | 51 | 75 | Temporal |
| new | 3 | 52 | 92 | Temporal |
| new (thing) | 1 | 52 | 52 | Temporal |
| solely | 1 | 54 | 54 | Specificational, Measurement |
| first | 5 | 56 | 91 | Temporal, Numeric |
| just | 2 | 57 | 76 | Utility, Specificational |
| big | 4 | 59 | 97 | Spatial, Measurement |
| tall | 1 | 59 | 59 | Spatial |
| large | 3 | 62 | 97 | Spatial, Measurement |
| important | 1 | 62 | 62 | Utility |
| different | 1 | 64 | 64 | Specificational |
| right | 1 | 67 | 67 | Epistemic, Spatial |
| fine | 1 | 69 | 69 | Utility |
| sir | 1 | 79 | 79 | Personal |
| mister | 1 | 79 | 79 | Personal |
| the whole | 1 | 80 | 80 | Measurement |
| former | 1 | 80 | 80 | Temporal |
| last | 1 | 87 | 87 | Temporal |
| little | 1 | 91 | 91 | Measurement |
| bad | 1 | 91 | 91 | Utility |
| for a long time | 1 | 95 | 95 | Temporal |
| long | 1 | 95 | 95 | Temporal, Spatial |

Table 14.2: Frequency of Caption Participation among Suffixed Variants of [dlrs] + $ai^{0-4}n$

| Infix # | Word | Count | Length | Participating Text Sequences |
|---|---|---|---|---|
| 1 | ainy | 2 | 4 | f67r1 Diagram Ring #1 Innermost<br>f87v #2 |
| 2 | aiiny | 4 | 5 | 2 others on f67r<br>f67v1 Diagram Exterior Ring #12,<br>f69v Intermediate Ring |
| 1 | ainaly | 1 | 1 | Gemini Interior 7 |
| 1 | ainam | 1 | 1 | Taurus Dark Outer #7 |
| 1 | ainarals | 1 | 1 | f58v #2 |
| 1 | aindar | 1 | 1 | f82v #2 |
| 2 | aiinal | 1 | 1 | f107r #3 |
| 2 | aiinod | 1 | 1 | Libra Outer #5 |
| 2 | aiinog | 1 | 1 | f85r2 Quadrant #4 |
| 2 | aiinopor | 1 | 1 | f86v5 #2 |
| 3 | aiiinctey | 1 | 1 | f31r Paragraph Label (oteor aiiinctey) |
| 3 | aiiinro | 1 | 1 | f104v #10 |
| 1 | dainaldy | 1 | 8 | f89r1 #2 |
| 1 | daind | 1 | 5 | **f2r #1** |
| 1 | daindl | 1 | 6 | f104v #4 |
| 1 | daing | 1 | 5 | f23 #1 |
| 1 | dainkey | 1 | 7 | f69r Diagram Center 6-Pointed Star |
| 1 | dainl | 1 | 5 | f35r #1 |
| 1 | dainod | 1 | 6 | f16r #Label (dainod yceealod) |
| 1 | dainor | 1 | 6 | f35r #1 |
| 1 | rainal | 1 | 6 | f88v #1 |
| 1 | rainaly | 1 | 7 | f101v2 #1 |
| 1 | saino | 1 | 5 | f75v #3 |
| 2 | daiina | 1 | 6 | f75r Pool #1 Nymph #7 |
| 2 | daiindy | 1 | 7 | f105r #5 |
| 2 | daiinin | 1 | 8 | f83r Rainbow #1 |
| 2 | daiinls | 1 | 7 | f86v3 Jet Figure #1 |
| 2 | daiino | 1 | 6 | f54v #2 |
| 2 | daiinokoly | 1 | 10 | f99v #4 |
| 2 | daiinol | 2 | 7 | f101r1 #3 and f19r #1 |
| 2 | daiinoldy | 1 | 9 | f84v Pool #21 Nymph #2 |
| 2 | daiiny | 2 | 6 | **f2r #1**, Rosette #1 Quadrant #2 |
| 2 | saiincey | 1 | 8 | f22v #Label (saiincey daldalol) |
| 2 | saiindy | 1 | 7 | f51v #1 |
| 2 | saiino | 1 | 6 | f75r Pool #1 Nymph #5 |
| 3 | daiiindy | 1 | 8 | f100r #5 |
| 3 | daiiine | 1 | 7 | f99v #12 |
| 3 | daiiino | 1 | 7 | f50r #1 |
| 3 | daiiinoty | 1 | 9 | f82v Rainbow #1 |
| 3 | daiiiny | 2 | 7 | f39v #2 and f112 #6 |
| 3 | saiiino | 1 | 7 | f99v #14 |
| 3 | saiiiny | 1 | 7 | f99r #26 |
| 1 | cedaiirsainy | 1 | 12 | Taurus Dark Outer #10 |
| 2 | ceaiind | 1 | 7 | f49v #4 |
| 1 | cseeainy | 1 | 8 | f111v #14 |
| 1 | karainy | 1 | 7 | f112r #8 |
| 2 | daraiinm | 1 | 8 | f87v #2 |

Table 14.3: Figure Labels Featuring [ds]a[lr]

| Folio | Figure Name | Caption | If Ablated → ar-Initial Word |
|---|---|---|---|
| f88v | Canister #6 f88v | daragdal | aragdal |
| f99v | Canister #25 f99v | darolaly | arolaly |
| f70v2 Pisces | Pisces Interior #6 | salols | alols |
| f72r2 Gemini | Gemini Interior #1 | salal | alal |
| f73r Scorpio | Scorpio Outer #11 | dalcseey | alcseey |
| f85v2 The Rosette Folio | Rosette #7-8 Bridge Interior #3 | daldar | aldar |
| f88v | f88v Line 3 #3 | darargam | arargam |
| f89r1 | f89r1 Line 3 #1 | raldag | aldag |
| f89r2 | f89r2 Line 1 #3 | saloiincseol | aloiincseol |
| f89v1 | f89v1 Line 1 #3 | darcseody | arcseody |
| f99r | f99r #2 | darar | arar |
| f99r | f99r #4 | daly | aly |
| f99r | f99r #7 | salol | alol |
| f99r | f99r #27 | sary | ary |
| f99v | f99v #13 | dary | ary |
| f100r | f100r #4 | saroear | aroear |
| f100v | f100v #9 | dalsy | alsy |
| f102v2 | f102v2 #12 | darol | arol |
| f78r | f78r Tube Section #3 | daralocfey | aralocfey |
| f83r | Bottom Shower #2 | darolsy | arolsy |
| f82r | f82r Shower #1 | daror | aror |
| f82r | f82r Shower #2 | darory | arory |
| f75r | f75r Pool #1 Nymph #2 | daly yoeey | aly yoeey |
| f75r | f75r Pool #1 Nymph #6 | salda | alda |
| f75v | f75v Pool #3 Nymph #3 | daldy dalcsed | aldy alcsed |
| f75v | f75v Pool #3 Nymph #4 | dalkar qokal | alkar qokal |
| f75v | f75v Pool #3 Nymph #8 | daldy qoted | aldy qoted |
| f77r | f77r Nymph #1 | daroedar | aroedar |
| f67r1 | f67r1 Stars #12 | dalary | alary |
| f69r | f69r Exterior Quadrant #11 | dalr al ody | alr al ody |
| f69v Lunar Mansions | f69v Lunar Mansion #11 | saral | aral |
| f69v Lunar Mansions | f69v Lunar Mansion #15 | saryd | aryd |
| f67v2 | f67v2 Diagram Center #2 | dalam | alam |
| f68r3 | f68r3 Star Quadrant #6 Star #2 | darall | arall |
| f69r | f69r Labeled Interior Bar #21 | dary dar aloly | ary ar aloly |
| f85v2 The Rosette Folio | Rosette #8 Exterior Label #4 | daroeedy | aroeedy |

Table 14.4: Plausible Combinations of Affix Subtypes

| Combined Part of Speech Count | 1st Letter Role | 2nd Letter Role | Letter 1 | Letter 2 | Base Part of Speech Is Overridden |
|---|---|---|---|---|---|
| 2 | Semantic - Class | Semantic - Root | [ao] | [lr] \| [dsm \| fptk \| n] | Inapplicable |
| 2 | Semantic - Class | Semantic - Root | a \| o | [lr] \| [dsm \| fptk \| n] | Inapplicable |
| 2 | Semantic - Root | Semantic - Root | [ao] | [lr] \| [dsm \| fptk \| n] | Indeterminately |
| 2 | Inflectional | Semantic - Root | [ao] | [lr] \| [dsm \| fptk \| n] | No |
| 2 | Inflectional | Semantic - Root | a \| o | [lr] \| [dsm \| fptk \| n] | No |
| 2 | Indirect | Semantic - Class | a \| o | [dlrsm \| fptk \| n] | Yes |
| 2 | Indirect | Semantic - Class | a \| o | n \| [dlrsm \| fptk] | Yes |
| 2 | Indirect | Semantic - Class | a \| o | [lr] \| [dsm \| fptk \| n] | Yes |
| 2 | Indirect | Semantic - Class | a \| o | [lr] \| n \| [ds \| m \| fptk] | Yes |
| 2 | Indirect | Semantic - Class | a \| o | [lrds] \| n \| m \| [fptk] | Yes |
| 2 | Indirect | Semantic - Class | a \| o | [lr] \| n \| m \| [dsfptk] | Yes |
| 2 | Indirect | Semantic - Class | a \| o | [lr] \| n \| m \| [ds] \| [fptk] | Yes |
| 2 | Semantic - Class | Indirect | [ao] | [lr] \| [dsm \| fptk \| n] | Yes |
| 2 | Semantic - Class | Indirect | a \| o | [lr] \| [dsm \| fptk \| n] | Yes |
| 3 | Ablational (any) | Semantic - Root | [ao] | [lr] \| [dsm \| fptk \| n] | Yes |
| 3 | Direct | Semantic - Root | [ao] | [lr] \| [dsm \| fptk \| n] | Yes |
| 3 | Indirect | Semantic - Root | [ao] | [lr] \| [dsm \| fptk \| n] | Yes |
| 3 | Semantic - Root | Ablational (any) | [ao] | [lr] \| [dsm \| fptk \| n] | Yes |
| 3 | Semantic - Root | Indirect | [ao] | [lr] \| [dsm \| fptk \| n] | Yes |
| 3 | Semantic - Root | Direct | [ao] | [lr] \| [dsm \| fptk \| n] | Yes |
| 4 | Ablational (any) | Semantic - Root | a \| o | [lr] \| [dsm \| fptk \| n] | Yes |
| 4 | Direct | Semantic - Root | a \| o | [lr] \| [dsm \| fptk \| n] | Yes |
| 4 | Indirect | Semantic - Root | a \| o | [lr] \| [dsm \| fptk \| n] | Yes |

Table 14.5: Proportionalities in Counts of Prefixed and Infixed Variants of o[drls | fptk | m | n]

| Word | Count | q + | ce + | cee + | cse + | [dlrs] \| [fptk] + |
|---|---|---|---|---|---|---|
| | | | | | | |
| ol | 549 | 151 (qol) | 394 (ceol) | 169 (ceeol) | 189 (cseol) | 369 (dol, fol, kol, lol, pol, rol, sol, tol) |
| or | 377 | 22 (qor) | 216 (ceor) | 98 (ceeor) | 99 (cseor) | 250 (dor, kor, lor, por, ror, sor, tor) |
| os | 29 | 5 (qos) | 35 (ceos) | 34 (ceeos) | 12 (cseos) | 22 (dos, kos, los, sos, tos) |
| od | 7 | 9 (qod) | 10 (ceod) | 5 (ceeod) | 12 (cseod) | 10 (dod, kod, lod, rod, tod) |
| | | | | | | |
| ot | 8 | 7 (qot) | 4 (ceot) | 1 (ceeot) | 3 (cseot) | 0 |
| ok | 3 | 9 (qok) | 5 (ceok) | 2 (ceeok) | 5 (cseok) | 0 |
| op | 1 | 4 (qop) | 3 (ceop) | 1 (ceeop) | 0 | 0 |
| of | 1 | 1 (qof) | 1 (ceof) | 0 | 0 | 0 |
| | | | | | | |
| om | 23 | 0 | 15 (ceom) | 10 (ceeom) | 4 (cseom) | 21 (dom, kom, lom, pom, rom, som, tom) |
| | | | | | | |
| on | 0 | 0 | 1 (ceon) | 0 | 0 | 0 |
| oin | 4 | 1 (qoin) | 0 | 0 | 1 (cseoin) | 9 (doin, soin) |
| oiin | 34 | 3 (qoiin) | 13 (ceoiin) | 1 (ceeoiin) | 6 (cseoiin) | 59 (doiin, koiin, loiin, poiin, roiin, soiin, toiin) |
| oiiin | 11 | 4 (qoiiin) | 0 | 0 | 0 | 11 (doiiin, loiiin, soiiin) |
| oiiiin | 1 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | |
| oir | 3 | 0 | 0 | 0 | 0 | 2 (poir, soir) |
| oiir | 3 | 0 | 0 | 0 | 0 | 10 (doiir, roiir, soiir) |

Table 14.6: Proportionalities in Counts of Prefixed and Infixed Variants of a[drls | fptk | m | n]

| Word | Count | q + | ce + | cee + | cse + | [dlrs] \| [fptk] + |
|---|---|---|---|---|---|---|
| | | | | | | |
| al | 266 | 0 | 47 (ceal) | 30 (ceeal) | 18 (cseal) | 374 (pal, sal, lal, ral, tal, dal, kal) |
| ar | 365 | 0 | 69 (cear) | 51 (ceear) | 33 (csear) | 535 (kar, tar, dar, rar, lar, sar, par, far) |
| as | 8 | 0 | 2 (ceas) | 1 (ceeas) | 0 | 15 (das, las, ras, sas, kas, tas) |
| ad | 0 | 0 | 1 (cead) | 1 (ceead) | 0 | 0 |
| | | | | | | |
| at | 0 | 0 | 0 | 0 | 0 | 0 |
| ak | 0 | 0 | 0 | 0 | 0 | 0 |
| ap | 0 | 0 | 0 | 0 | 0 | 0 |
| af | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | |
| am | 84 | 0 | 20 (ceam) | 5 (ceeam) | 8 (cseam) | 141 (dam, kam, lam, ram, sam, tam) |
| aim | 7 | 0 | 1 (ceaim) | 0 | 0 | 14 (daim, saim, taim) |
| aiim | 3 | 0 | 0 | 0 | 0 | 6 (daiim, kaiim, saiim) |
| | | | | | | |
| an | 7 | 0 | 11 (cean) | 2 (ceean) | 5 (csean) | 28 (dan, kan, san, tan) |
| ain | 88 (ain) | 0 | 18 (ceain) | 2 (ceeain) | 8 (cseain) | 372 (dain, kain, lain, rain, sain, tain) |
| aiin | 475 (aiin) | 2 (qaiin) | 45 (ceaiin) | 3 (ceeaiin) | 20 (cseaiin) | 1,207 (daiin, kaiin, laiin, paiin, raiin, saiin, taiin) |
| aiiin | 48 (aiiin) | 0 | 1 (ceaiiin) | 0 | 1 (cseaiiin) | 32 (daiiin, kaiiin, laiiin, raiiin, saiiin, taiiin) |
| | | | | | | |
| air | 80 (air) | 0 | 1 (ceair) | 1 (ceeair) | 1 (cseair) | 0 |
| aiir | 25 (aiir) | 0 | 1 (ceaiir) | 0 | 0 | 0 |

Table 14.7: Rank Correspondences by Letter for the [dlrs] Prefix Distribution

| Rank | [dlrsmg \| fptk] + y | | | daiin Relatives | | | da[lr] Relatives | | | do[lr] Relatives | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Letter | Count | Probability | Letter | Count | Probability | Letter | Count | Probability | Letter | Count | Probability |
| 1 | d | 257 | 0.7060400 | d | 1086 | 0.6762100 | d | 684 | 0.6275200 | d | 191 | 0.3115800 |
| 2 | s | 38 | 0.1044000 | s | 214 | 0.1332500 | r | 185 | 0.1697200 | l | 155 | 0.2528500 |
| 3 | k | 24 | 0.0659300 | k | 118 | 0.0734700 | s | 172 | 0.1578000 | r | 137 | 0.2234900 |
| 4 | t | 17 | 0.0467000 | r | 99 | 0.0616400 | l | 49 | 0.0449500 | s | 130 | 0.2120700 |
| 5 | l | 14 | 0.0384600 | t | 60 | 0.0373600 | f | 0 | 0.0000000 | f | 0 | 0.0000000 |
| 6 | r | 12 | 0.0329700 | l | 20 | 0.0124500 | g | 0 | 0.0000000 | g | 0 | 0.0000000 |
| 7 | p | 2 | 0.0054900 | p | 8 | 0.0049800 | k | 0 | 0.0000000 | k | 0 | 0.0000000 |
| 8 | f | 0 | 0.0000000 | g | 1 | 0.0006200 | m | 0 | 0.0000000 | m | 0 | 0.0000000 |
| 9 | g | 0 | 0.0000000 | f | 0 | 0.0000000 | p | 0 | 0.0000000 | p | 0 | 0.0000000 |
| 10 | m | 0 | 0.0000000 | m | 0 | 0.0000000 | t | 0 | 0.0000000 | t | 0 | 0.0000000 |
| | **c-Prefixed Versions** | | | | | | | | | | | |
| 1 | d | 1296 | 0.8329000 | d | 117 | 0.5545000 | d | 141 | 0.5899600 | d | 23 | 0.4509800 |
| 2 | k | 172 | 0.1105400 | k | 51 | 0.2417100 | k | 44 | 0.1841000 | k | 8 | 0.1568600 |
| 3 | t | 62 | 0.0398500 | s | 20 | 0.0947900 | s | 22 | 0.0920500 | s | 8 | 0.1568600 |
| 4 | p | 9 | 0.0057800 | t | 16 | 0.0758300 | t | 19 | 0.0795000 | t | 7 | 0.1372500 |
| 5 | s | 9 | 0.0057800 | p | 3 | 0.0142200 | p | 7 | 0.0292900 | p | 3 | 0.0588200 |
| 6 | f | 4 | 0.0025700 | f | 3 | 0.0142200 | l | 3 | 0.0125500 | l | 2 | 0.0392200 |
| 7 | l | 2 | 0.0012900 | l | 1 | 0.0047400 | f | 3 | 0.0125500 | f | 0 | 0.0000000 |
| 8 | r | 2 | 0.0012900 | g | 0 | 0.0000000 | g | 0 | 0.0000000 | g | 0 | 0.0000000 |
| 9 | g | 0 | 0.0000000 | m | 0 | 0.0000000 | m | 0 | 0.0000000 | m | 0 | 0.0000000 |
| 10 | m | 0 | 0.0000000 | r | 0 | 0.0000000 | r | 0 | 0.0000000 | r | 0 | 0.0000000 |

Table 14.8: Rank Correspondences by Letter for Words Constructed from the [dlrsmg] Single-Letter Words

| Rank | Single-Letter Words | | | c-Sequence + [dlrsmg \| fptk] | | |
|---|---|---|---|---|---|---|
| | Letter | Count | Probability | Letter | Count | Probability |
| 1 | s | 234 | 0.3250000 | s | 129 | 0.4623700 |
| 2 | r | 92 | 0.1277800 | d | 65 | 0.2329700 |
| 3 | l | 57 | 0.0791700 | l | 28 | 0.1003600 |
| 4 | d | 50 | 0.0694400 | k | 18 | 0.0645200 |
| 5 | g | 14 | 0.0194400 | r | 17 | 0.0609300 |
| 6 | p | 13 | 0.0180600 | t | 6 | 0.0215100 |
| 7 | k | 10 | 0.0138900 | p | 6 | 0.0215100 |
| 8 | m | 9 | 0.0125000 | g | 5 | 0.0179200 |
| 9 | t | 8 | 0.0111100 | f | 3 | 0.0107500 |
| 10 | f | 7 | 0.0097200 | m | 2 | 0.0071700 |

Table 14.9: Changes in Distributions of Selected Initial Letters at Word Lengths 1-6

| | Document Count | | | | | | Document % | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [fptk] | **1** | **2** | **3** | **4** | **5** | **6** | **1** | **2** | **3** | **4** | **5** | **6** |
| k | 10 | 31 | 181 | 270 | 351 | 167 | 1.377 | 1.342 | 5.528 | 4.314 | 3.783 | 2.083 |
| t | 8 | 21 | 176 | 177 | 236 | 183 | 1.102 | 0.909 | 5.376 | 2.828 | 2.544 | 2.282 |
| p | 13 | 2 | 39 | 22 | 96 | 122 | 1.791 | 0.087 | 1.191 | 0.352 | 1.035 | 1.522 |
| f | 7 | 1 | 6 | 11 | 23 | 29 | 0.964 | 0.043 | 0.183 | 0.176 | 0.248 | 0.362 |
| [dlrs] | | | | | | | | | | | | |
| d | 51 | 317 | 921 | 542 | 1210 | 287 | 7.025 | 13.723 | 28.131 | 8.661 | 13.042 | 3.579 |
| s | 244 | 49 | 301 | 166 | 276 | 113 | 33.609 | 2.121 | 9.194 | 2.653 | 2.975 | 1.409 |
| r | 93 | 28 | 98 | 61 | 120 | 48 | 12.810 | 1.212 | 2.993 | 0.975 | 1.293 | 0.599 |
| l | 57 | 62 | 182 | 135 | 310 | 390 | 7.851 | 2.684 | 5.559 | 2.157 | 3.341 | 4.864 |
| Nouns | | | | | | | | | | | | |
| y | 149 | 16 | 77 | 257 | 458 | 556 | 20.523 | 0.693 | 2.352 | 4.107 | 4.936 | 6.934 |
| o | 82 | 1006 | 476 | 1587 | 2001 | 2093 | 11.295 | 43.550 | 14.539 | 25.360 | 21.567 | 26.104 |
| Verbs | | | | | | | | | | | | |
| a | 2 | 731 | 271 | 665 | 161 | 90 | 0.275 | 31.645 | 8.277 | 10.626 | 1.735 | 1.122 |
| Prefixes | | | | | | | | | | | | |
| q | 1 | 34 | 221 | 343 | 1085 | 1711 | 0.138 | 1.472 | 6.750 | 5.481 | 11.694 | 21.339 |
| c | 6 | 12 | 325 | 2022 | 2951 | 2229 | 0.826 | 0.519 | 9.927 | 32.311 | 31.806 | 27.800 |

Table 14.10: Changes in Distributions of Selected Final Letters at Word Lengths 1-6

| | Document Count | | | | | | Document % | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [fptk] | **1** | **2** | **3** | **4** | **5** | **6** | **1** | **2** | **3** | **4** | **5** | **6** |
| k | 10 | 9 | 12 | 10 | 22 | 5 | 1.256 | 0.389 | 0.363 | 0.159 | 0.236 | 0.062 |
| t | 8 | 9 | 7 | 7 | 6 | 7 | 1.005 | 0.389 | 0.212 | 0.111 | 0.064 | 0.087 |
| p | 13 | 1 | 4 | 9 | 3 | 3 | 1.633 | 0.043 | 0.121 | 0.143 | 0.032 | 0.037 |
| f | 7 | 1 | 3 | 3 | 3 | 3 | 0.879 | 0.043 | 0.091 | 0.048 | 0.032 | 0.037 |
| [dlrs] | | | | | | | | | | | | |
| d | 51 | 16 | 41 | 93 | 178 | 153 | 6.407 | 0.691 | 1.239 | 1.476 | 1.912 | 1.903 |
| s | 244 | 60 | 106 | 213 | 319 | 237 | 30.653 | 2.591 | 3.204 | 3.381 | 3.426 | 2.947 |
| r | 93 | 756 | 940 | 1275 | 1330 | 774 | 11.683 | 32.642 | 28.416 | 20.241 | 14.286 | 9.624 |
| l | 57 | 845 | 965 | 1235 | 1442 | 775 | 7.161 | 36.485 | 29.172 | 19.606 | 15.489 | 9.637 |
| [dlrsymg] Other | | | | | | | | | | | | |
| y | 149 | 387 | 755 | 1854 | 3588 | 4277 | 18.719 | 16.710 | 22.823 | 29.433 | 38.539 | 53.183 |
| m | 10 | 111 | 173 | 239 | 222 | 148 | 1.256 | 4.793 | 5.230 | 3.794 | 2.385 | 1.840 |
| g | 14 | 5 | 10 | 18 | 20 | 26 | 1.759 | 0.216 | 0.302 | 0.286 | 0.215 | 0.323 |
| Other | | | | | | | | | | | | |
| n | 3 | 8 | 121 | 937 | 1827 | 1447 | 0.377 | 0.345 | 3.658 | 14.875 | 19.624 | 17.993 |
| [ao] | | | | | | | | | | | | |
| o | 82 | 84 | 127 | 342 | 284 | 152 | 10.302 | 3.627 | 3.839 | 5.429 | 3.050 | 1.890 |
| a | 2 | 15 | 12 | 9 | 26 | 13 | 0.251 | 0.648 | 0.363 | 0.143 | 0.279 | 0.162 |

Table 14.11: Changes in Distributions of Selected Final Letters at Word Lengths 1-6, for [ao] Bases Only

| | Document Count | | | | | | Document % | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [fptk] | 1 | 2 | 3 | 4 | 5 | 6 | 1 | 2 | 3 | 4 | 5 | 6 |
| k | 10 | 3 | 10 | 5 | 8 | 0 | 1.256 | 0.173 | 0.488 | 0.187 | 0.262 | 0.000 |
| t | 8 | 8 | 7 | 4 | 4 | 2 | 1.005 | 0.461 | 0.342 | 0.150 | 0.131 | 0.113 |
| p | 13 | 1 | 4 | 3 | 1 | 1 | 1.633 | 0.058 | 0.195 | 0.112 | 0.033 | 0.057 |
| f | 7 | 1 | 1 | 1 | 1 | 1 | 0.879 | 0.058 | 0.049 | 0.037 | 0.033 | 0.057 |
| [dlrs] | | | | | | | | | | | | |
| d | 51 | 7 | 19 | 31 | 63 | 57 | 6.407 | 0.403 | 0.927 | 1.161 | 2.064 | 3.226 |
| s | 244 | 37 | 43 | 92 | 152 | 109 | 30.653 | 2.130 | 2.099 | 3.446 | 4.980 | 6.169 |
| r | 93 | 742 | 839 | 1044 | 1148 | 667 | 11.683 | 42.717 | 40.947 | 39.101 | 37.615 | 37.748 |
| l | 57 | 815 | 905 | 1198 | 1416 | 745 | 7.161 | 46.920 | 44.168 | 44.869 | 46.396 | 42.162 |
| [dlrsymg] Other | | | | | | | | | | | | |
| y | 149 | 7 | 22 | 31 | 25 | 24 | 18.719 | 0.403 | 1.074 | 1.161 | 0.819 | 1.358 |
| m | 10 | 107 | 164 | 215 | 201 | 131 | 1.256 | 6.160 | 8.004 | 8.052 | 6.586 | 7.414 |
| g | 14 | 2 | 3 | 7 | 6 | 12 | 1.759 | 0.115 | 0.146 | 0.262 | 0.197 | 0.679 |
| Other | | | | | | | | | | | | |
| n | 3 | 7 | 28 | 32 | 24 | 14 | 0.377 | 0.403 | 1.367 | 1.199 | 0.786 | 0.792 |
| [ao] | | | | | | | | | | | | |
| o | 82 | 0 | 0 | 0 | 2 | 0 | 10.302 | 0.000 | 0.000 | 0.000 | 0.066 | 0.000 |
| a | 2 | 0 | 1 | 1 | 0 | 0 | 0.251 | 0.000 | 0.049 | 0.037 | 0.000 | 0.000 |

Table 14.12: Interpretations of Common Generator Statements According to the Tripartite and Quadripartite Models

| | Precursor Model | Tripartite Model | Quadripartite Model |
|---|---|---|---|
| o | | | |
| cseo | cse + o (like ceey = cee + y) | cse + o (like ceey = cee + y) | cse + o (like ceey = cee + y) |
| oaiin | o base + ai4n semantic suffix | o base + ai4n semantic suffix | o base + ai4n semantic suffix |
| [yo][dlrsmg \| n] | | | |
| odaiin | od + ai4n semantic suffix | od + ai4n semantic suffix | od + ai4n semantic suffix |
| [yo][fptk] | | | |
| o[tk]ai4n | o[tk] + ai4n semantic suffix | o[tk] + ai4n semantic suffix | o[tk] + ai4n semantic suffix |
| a[dlrsmg \| n \| fptk] | | | |
| aiin, al, ar | prefixed by [dlrsmg \| fptk] | prefixed by [dlrsmg \| fptk] | prefixed only by [fptk] or not at all |
| daiin | d prefix + ai4n base (like [fptk]aiin) | d prefix + ai4n base (like [fptk]aiin) | d base + ai4n semantic suffix – unlike [fptk]aiin |
| ceedaiin | ce4 + d prefix + ai4n base (like [fptk]aiin) | ce4 + d prefix + ai4n base (like [fptk]aiin) | cee prefix + d base + ai4n semantic suffix |
| y | | | |
| ceey | cee + y | cee + y | cee + y |
| | | | [dlrsmg] sans the initial [yoa] = a 5th base type |
| dy | od base missing the o + y suffix | d prefix + y base | d base + y-suffix |
| ceedy | cee + od base missing the o + y suffix | cee + d prefix + y base | cee + d base + y-suffix |
| oy | o base + y suffix | o prefix + y base | o prefix + y base |

Table 14.13: Plausible Readings of f75r #7 Lacking Immediate *daiin* Relatives, Under the Tripartite Part-of-Speech Model

| Clause # | Text |
|---|---|
| #1 | polcsey dal cseedy qokain dar cesdy cseedy qokar cseedy ldy qokeey lcseedy qol ceedy qokain cecteedy ltedy darom solkedy okal dar oty otar otar ol |
| #2 | kain olkedy qokain cseeety qokain dar dar cseedy qokar ol dy sol |
| #3 | keedy qokeedy qokey okar otar dar dar dy qokedy dy cseeety qokedy qokcedy qokecedy lol qokeedy qokeedy qokedy qokedy qokeedy ldy ycseedy qokeedy qokcedy olkeedy otey |
| #4 | koldy dar cseedy qokain cseedy dal |
| #5 | keedy rcseedy sokeedy qokeedy oteedy qoky dykeedy sy dcseedy qokedy qoteey qoteedy dar ycseedy ceekar oldy qokain cekar otar oldy dceedy sain okedy qokedy otedy okoldy otar otam olaiin cedar dy scseedy cseckey qokey okedy sorol oty otedy qotedy otedy okaiin qokey qokedy cseeol qokedy dain cseedy otol ceedy olor |

Table 14.14: Theoretical Correspondence of Voynich Compounds to Derivational Affix Types

| Affix | Examples | Hypothetical Voynich Compound Order | |
|---|---|---|---|
| **Adjective → Adjective** | | **Adjective ← Adjective** | **Examples** |
| -ish | yellowish, longish | double and triple combinations of c + $e^{1-4}$[dlrs \| fptk]y \| $e^{1-4}$y bases | $w_N$ = 31, $w_{\|N\|}$ = 28 led by ceykcey (3), cseytcey (2), many of which are probably c-prefixes of y-initial nouns |
| | | double and triple combinations of c + $e^{1-4}$[dlrs \| fptk]y \| $e^{1-4}$y bases with [dlrsmg \| fptk]y | $w_N$ = 76, $w_{\|N\|}$ = 61 led by ceyky (6), ceyty (4), ceeyky(3), dytcey, dykcey, dyceedy, qotycseey, ceydy all with (2), the rest (1) |
| | | double and triple combinations of [dlrsmg \| fptk]y | $w_N$ = 53, $w_{\|N\|}$ = 29 led by dyky (5), dydy 3), dykedy, dytedy, dykeedy, tydy, oltydy, sydy and dyty, all with 2 |
| **Noun → Adjective** | | **Adjective ← Noun** | |
| -ish | bearish | $ce^{1-4}$y-base + o[dlrsmg \| n \| fptk] | Just 16 single-instance words, all of which are probable compounds: ceeyor, cekceykoly, ceykeor, ckeydom, cseycseol, cseyokeey, ceotceeytceol, ceyteody, oeeyykas, qotceytor, qoteytyqoky, scseykceeol, yceeeytydaiin, ykeydom, cseykeody, qoekeeykeody |
| -like | child-like, squid-like | [dlrs \| fptk]y base + o[dlrsmg \| n \| fptk] | 20 distinct words, only 1 of which recurs; most of these are just noun compounds or [fptk] prefixes: dydydy (2), dytydy, dytolg,, dyceokcey, dycseol, dydyd, dykeor, dylcesody, dyotyds, dytceor, dytory, lpyceol, oraryteop, pyceory,, pydcedom, pykeor, pykydal, pysaiinor, ryceos, syokeedy |
| -al | cone → conical, cortex → cortical | $e^{1-4}$[dlrs \| fptk]y base + o[dlrsmg \| n \| fptk] | Just 9 single-instance words, all of which are probable compounds: ceedyor, ceedyteokain, csedytody, cseedykeyl, okeedyokolol, tedyol, ytedykor, dolcesyckeeol, qokcsedyytain |
| -oid | oval →ovoid, rhombus →rhomboid | $ce^{1-4}$y-base + c \| cs \| c[fptk] + o[dlrsmg \| n \| fptk] | 3 single-instance words: cseycseol, ceotceeytceol, scseykceeol |
| -y | fun → funny | [dlrs \| fptk]y base + c \| cs \| c[fptk] + o[dlrsmg \| n \| fptk] | 13 single-instance words: dyceokcey, dycseol, dylcesody, dytceor, fceodyceeol, lpyceol, otycoyl, oysyceor, pyceory, pydcedom, ryceos, dolcesyckeeol, otytceol |
| -ite | Trotsky → Trotskyite | $e^{1-4}$[dlrs \| fptk]y base + c \| cs \| c[fptk] + | dolcesyckeeol (1) |

| | | | |
|---|---|---|---|
| -esque | statuesque | o[dlrsmg \| n \| fptk] | |
| -an | America → American | | |
| -id | squalor → squalid | | |
| -ic | formic, terrific | | |
| -ile | juvenile | | |
| -ose | adipose | | |
| -ane | profanity → profane | | |
| -ar | lunar, plane → planar | | |
| -ary | unity → unitary, solitude → solitary | | |
| **Adjective → Noun** | | **Noun ← Adjective** | |
| -ness | childishness, darkness | o[dlrsmg \| n \| fptk] + c + $e^{1-4}$y-base | $w_N$ = 1132, $w_{\|N\|}$ = 400 led by qokcey (68), qotcey (61), otcey (45) etc. |
| | | o[dlrsmg \| n \| fptk] + c + $e^{1-4}$[dlrs \| fptk]y base | $w_N$ = 803, $w_{\|N\|}$ = 200 including qokcedy (55), opceedy (50), etc. |
| | | o + c \| cs \| c[fptk]$e^{1-4}$ + y | $w_N$ = 70, $w_{\|N\|}$ = 13 led by ockey (15), octey (11) and oceey (8) |
| | | o + c \| cs \| c[fptk]$e^{1-4}$ + [dlrs \| fptk]y | $w_N$ = 33, $w_{\|N\|}$ = 16 including ockeedy (7), oceedy (7) and ocseedy (3) |
| | | o[dlrsmg \| n \| fptk][dlrs \| fptk]y base | $w_N$ = 232, $w_{\|N\|}$ = 112 including oldy (28), olky (23), okoldy (9), ceoldy (9), otoldy (9) cseoldy (8), koldy (7) etc. |
| | | o[dlrsmg \| n \| fptk] + $e^{1-4}$y-base | $w_N$ = 1388, $w_{\|N\|}$ = 182 led by qokeey (305), okeey (176), oteey (138), qokey (138), etc. which appear to be nouns (can discount most of these if the y are suffixes, then infixed by e) |
| | | o[dlrsmg \| n \| fptk] + $e^{1-4}$[dlrs \| fptk]y base | $w_N$ = 2087, $w_{\|N\|}$ = 397 led by qokeedy (301), qokedy (262) and otedy (262), which appear to be nouns (others on the list include *okaly* etc.) |
| **Adjective → Verb** | | **Verb ← Adjective** | |
| -en | redden, whiten, blacken | $ai^{0-4}$[dlrsmg \| n \| fptk] + c + $e^{1-4}$y-base | $w_N$ = 94, $w_{\|N\|}$ = 83 led by alceey, alcseey with 4 apiece. These might be something like *becomes red* vs. *does red, goes red* etc. There is not much difference on the modals/auxiliaries |
| -ate | aerate, create, incinerate, articulate | $ai^{0-4}$[dlrsmg \| n \| fptk] + [dlrs \| fptk]y base | $w_N$ = 90, $w_{\|N\|}$ = 55 led by daldy (18), aldy (11), alky (3), kaldy (3) etc. with e-infixed versions limited to aleedy (1) and otaleky (1); the latter is clearly based on *otal*; contrast this with the effortless extensibility of words like *keedy, cseedy,* etc. |
| -ify | deify, terrify, amplify | $ai^{0-4}$[dlrsmg \| n \| fptk] + $e^{1-4}$[dlrs \| fptk]y base | $w_N$ = 69, $w_{\|N\|}$ = 48 led by dalcedy (5), dalceedy (4), alkeedy (4), alceedy (4), dalcsedy (3) |
| **Verb → Adjective** | | **Adjective ← Verb** | |
| -ent | depend → dependent | $e^{1-4}$y-base + $ai^{0-4}$[dlrsmg \| n \| fptk] | Only 23 words are formed this way, 22 of which are single-instance: ceytaroiin, cfeyaiin, cseeykaiiin, cseeykal, cseydal, cseykaiin, cteyaiin, dceeytain, keeyfar, okeytam, pceykar, teodyteytar, yceeeytal, yceeeytydaiin, ceypceam, oeeyykas, ceeeykam, ceeykaiin, ceeykain, ceeytal, ceykaiin, ceykald; many of these may be formed from c-prefixing of in the mold of ceykar (2), in which case the count is reduced further |
| -able | depend → dependable | | |
| -ive | action → active | | |
| -ous | generous | | |
| -ory | to sleep (dormir) → dormitory | | |
| **Verb → Noun** | | **Noun ← Verb** | |
| -ion | compress → compression, deviate →deviation | o \| o[dlrsmg \| n \| fptk] + $ai^{0-4}$[dlrsmg \| n \| fptk] | The vast majority of these cannot be extensions of common words like *okal, otar, okaiin* etc. as in *doer of ok* or *thing that goes to ot*. One proof of this is that we're not awash in extensions of daiin → okedaiin etc., which must be formed by tacking –aiin on to *oked*. Any attached verb meanings would be secondary to the noun base, but even this is unlikely in cases like *okar, otal, otaiin* and so on that correlate with different remedy types based on their final letters. It might be easier to form such compounds using the 3rd syllables tacked on to these words in many short labels. Potential mixing verbs like *oaiin, oar* and *oal* may be edges cases in this regard. |
| -y | inquire → inquiry | | |
| -al | bury → burial | | |
| -r | write → writer | | |
| -er | inform → informer | | |
| -ant | inform → informant | | |
| -ite | hypocrisy → hypocrite | | |
| -yx (rare morpheme) | calyx, apteryx | | |
| **Noun → Verb** | | **Verb ← Noun** | |
| -ize | empathize, cannibalize, metabolize | $ai^{0-4}$[dlrsmg \| n \| fptk] + o[dlrsmg \| n \| fptk] | $w_N$ = 320, $w_{\|N\|}$ = 214 led by arody (13), arol (13), daror (4), sarol (3), aloly (3), dairol (1) |

Table 14.15: Base and Affix Locations in Select [yo][fptk]-Initial Words Formed from a-Bases

| | Prefix | Base | Secondary Base - Purely Semantic? | Suffix |
|---|---|---|---|---|
| oar | | o | ar | |
| otaiin | | ot | a + $i^4$n | |
| okal | | ok | al | |
| ceokal | ce | ok | al | |
| okear | | ok | $e^4$ + ar | |
| okeol | | ok | $e^4$ + ol | |
| oty | | ot | y | |
| oteey | | ot | $ce^4$ + y | |
| okcedy | | ok | $ce^4$d | y |
| daiin | d | a + $i^4$n | | |
| ceedaiin | $ce^4$d | a + $i^4$n | | |
| ceed | $ce^4$ | d | | |
| ceody | $ce^4$ | od | | y |
| ceedy | $ce^4$d | y | | |
| okeody | | ok | $e^4$ + od | y |
| aiin | | a + $i^4$n | | |
| doedy (dcedy?) | d | o + $e^4$d | | y |

Table 14.16: Initiation and Single-Word Label Participation Rates Along the [lrn] vs. [ds] Fissure

| Category | Expected Probability | Paragraph Empirical Probability | Single-Word Label Empirical Probability | Paragraph Probability Difference | Single-Word Label Probability Difference |
|---|---|---|---|---|---|
| [ao]i$^4$[lrn] | 0.47436 | 0.56458 | 0.43566 | 0.09022 | -0.03870 |
| e$^4$ + [ds] | 0.14843 | 0.11585 | 0.08527 | -0.03258 | -0.06316 |
| y | 0.16418 | 0.10919 | 0.09147 | -0.05499 | -0.07271 |
| [ao]i$^4$[ds] | 0.05779 | 0.08921 | 0.13488 | 0.03143 | 0.07709 |
| o | 0.02190 | 0.04527 | 0.00465 | 0.02337 | -0.01725 |
| Unassigned | 0.06717 | 0.04128 | 0.13333 | -0.02589 | 0.06616 |
| [ao]i$^4$[fptk] | 0.02089 | 0.01332 | 0.02481 | -0.00757 | 0.00392 |
| [ao]i$^4$[mg] | 0.02712 | 0.00932 | 0.06202 | -0.01780 | 0.03490 |
| oy | 0.00322 | 0.00932 | 0.00620 | 0.00610 | 0.00298 |
| e$^4$ + [fptk] | 0.01039 | 0.00266 | 0.01240 | -0.00773 | 0.00201 |
| e$^4$ + [lrn] | 0.00320 | 0.00000 | 0.00310 | -0.00320 | -0.00010 |
| e$^4$ + [mg] | 0.00136 | 0.00000 | 0.00620 | -0.00136 | 0.00484 |

Table 15.1: Magic Quadrant of Language Types, by Morpheme-Binding Behavior[42]

| Morpheme-to-Word Ratio | Changes in Stems | | Grammatical Categories per Affix | | Tradeoff between Helper Words vs. Word Length | Word Order |
|---|---|---|---|---|---|---|
| | Agglutinative (Fewer) | Fusional (More) | Agglutinative (1) | Fusional (Many) | | |
| **Oligoisolating** | | | | | | |
| **Isolating (low, approaching 1:1)** | | | | | Many Helper Words | |
| **Analytic (low for inflections)** | | | | | Many Helper Words – particles, prepositions | Relatively fixed |
| **Synthetic (many bound morphemes or also free?)** | | Biblical Hebrew, German | Finnish | Latin, German, Spanish, Greek, Sanskrit[43] | Longer words | Relatively free |
| **Polysynthetic (many)** | Yupik, Nahuatl | | | | Excessive Word Length | Little to none |
| **Oligosynthetic** | | | | | Excessive Word Length Expected | |

Table 15.2: Top 50 Potential Participants in Clitics, Organized by Positions

| Word | Clitic Candidate Word Count | Distinct Counts of Potential Clitic Products | | | | Document Counts of Potential Clitic Products | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Prefix | Root | Suffix | Total | Prefix | Root | Suffix | Total |
| ol | 549 | 93 | 2 | 56 | 151 | 762 | 3 | 365 | 1130 |
| s | 244 | 54 | 2 | 29 | 85 | 735 | 4 | 166 | 905 |
| or | 377 | 31 | 5 | 45 | 81 | 186 | 10 | 359 | 555 |
| y | 149 | 45 | 0 | 36 | 81 | 323 | 0 | 842 | 1165 |
| ar | 365 | 28 | 7 | 43 | 78 | 115 | 13 | 691 | 819 |
| al | 266 | 32 | 3 | 41 | 76 | 131 | 4 | 216 | 351 |
| aiin | 475 | 2 | 2 | 66 | 70 | 5 | 2 | 1746 | 1753 |
| dy | 264 | 16 | 0 | 51 | 67 | 28 | 0 | 334 | 362 |
| l | 57 | 33 | 4 | 21 | 58 | 541 | 16 | 1498 | 2055 |
| o | 81 | 38 | 3 | 11 | 52 | 1457 | 175 | 42 | 1674 |
| r | 93 | 17 | 3 | 27 | 47 | 227 | 31 | 1448 | 1706 |
| dal | 250 | 24 | 0 | 15 | 39 | 83 | 0 | 27 | 110 |
| dar | 321 | 19 | 0 | 16 | 35 | 63 | 0 | 70 | 133 |
| daiin | 858 | 5 | 0 | 27 | 32 | 7 | 0 | 151 | 158 |
| ceol | 394 | 25 | 0 | 6 | 31 | 77 | 0 | 35 | 112 |
| ceo | 68 | 21 | 1 | 6 | 28 | 787 | 1 | 13 | 801 |
| cey | 155 | 8 | 0 | 20 | 28 | 20 | 0 | 69 | 89 |
| ceey | 339 | 7 | 0 | 19 | 26 | 9 | 0 | 122 | 131 |
| ceedy | 499 | 3 | 0 | 22 | 25 | 3 | 0 | 235 | 238 |
| cseo | 131 | 20 | 0 | 4 | 24 | 224 | 0 | 7 | 231 |
| d | 51 | 13 | 1 | 10 | 24 | 1698 | 24 | 25 | 1747 |
| qol | 151 | 22 | 0 | 0 | 22 | 67 | 0 | 0 | 67 |
| ceeo | 66 | 19 | 0 | 1 | 20 | 155 | 0 | 2 | 157 |
| ceor | 216 | 10 | 0 | 10 | 20 | 32 | 0 | 34 | 66 |
| ain | 88 | 1 | 0 | 19 | 20 | 1 | 0 | 206 | 207 |
| air | 79 | 6 | 1 | 11 | 18 | 7 | 1 | 45 | 53 |
| cseey | 286 | 3 | 0 | 15 | 18 | 4 | 0 | 84 | 88 |
| ceeol | 169 | 8 | 0 | 9 | 17 | 13 | 0 | 37 | 50 |
| okal | 142 | 15 | 0 | 1 | 16 | 40 | 0 | 1 | 41 |
| am | 84 | 1 | 0 | 15 | 16 | 1 | 0 | 62 | 63 |
| kaiin | 65 | 0 | 0 | 14 | 14 | 0 | 0 | 383 | 383 |
| sol | 74 | 12 | 0 | 0 | 12 | 30 | 0 | 0 | 30 |
| cseol | 189 | 8 | 0 | 3 | 11 | 15 | 0 | 13 | 28 |
| cseeo | 47 | 10 | 0 | 1 | 11 | 144 | 0 | 2 | 146 |
| cseedy | 429 | 0 | 0 | 11 | 11 | 0 | 0 | 89 | 89 |
| ody | 49 | 1 | 0 | 10 | 11 | 1 | 0 | 68 | 69 |
| keedy | 52 | 0 | 0 | 10 | 10 | 0 | 0 | 108 | 108 |
| kal | 23 | 5 | 0 | 5 | 10 | 9 | 0 | 17 | 26 |
| dain | 209 | 1 | 0 | 9 | 10 | 1 | 0 | 40 | 41 |
| dol | 117 | 8 | 0 | 2 | 10 | 15 | 0 | 2 | 17 |
| qo | 29 | 10 | 0 | 0 | 10 | 309 | 0 | 0 | 309 |
| csey | 105 | 0 | 0 | 10 | 10 | 0 | 0 | 27 | 27 |
| qokal | 192 | 9 | 0 | 0 | 9 | 11 | 0 | 0 | 11 |
| otal | 143 | 9 | 0 | 0 | 9 | 36 | 0 | 0 | 36 |
| os | 29 | 6 | 0 | 3 | 9 | 17 | 0 | 9 | 26 |
| keey | 44 | 0 | 0 | 9 | 9 | 0 | 0 | 55 | 55 |
| cedy | 150 | 0 | 0 | 9 | 9 | 0 | 0 | 22 | 22 |
| ceeey | 173 | 0 | 0 | 9 | 9 | 0 | 0 | 47 | 47 |
| cseeol | 112 | 6 | 0 | 3 | 9 | 10 | 0 | 6 | 16 |
| ky | 24 | 1 | 0 | 7 | 8 | 1 | 0 | 42 | 43 |

Table 15.3: Perplexity Values for 3 Experimental Manuscript Versions

| Test Type | Word Counts | | % of the Current Distinct Count | Perplexity |
|---|---|---|---|---|
| | Distinct | Document | | |
| Clitic Test Reversed | 8216 | 35878 | 100 | 12.82581 |
| Actual Values for Version #29 | 8216 | 38318 | 100 | 12.48719 |
| Sans Infixes | 6653 | 38318 | 80.976 | 11.81508 |
| Clitic Test | 7208 | 46295 | 87.731 | 10.93376 |
| Compound Test | 1624 | 38702 | 19.766 | 7.79278 |

Table 15.4: Decomposability Scores for All Word Categories after Ablation of Single-Letter Prefixes

| Category | Word Count | Count of Base Words | Decomposability Score | Category | Word Count | Count of Base Words | Decomposability Score |
|---|---|---|---|---|---|---|---|
| g-Initial | 5 | 1261 | 0.99603 | Document Baseline | 38318 | 25831 | -0.32587 |
| v-Initial | 2 | 325 | 0.99384 | [dlrs]e | 70 | 44 | -0.37142 |
| x-Initial | 10 | 1400 | 0.99285 | x-2nd Letter | 7 | 4 | -0.42857 |
| qa | 5 | 479 | 0.98956 | c[fptk]e | 857 | 432 | -0.49591 |
| cy | 2 | 149 | 0.98657 | dam Group | 211 | 94 | -0.55450 |
| ad Prefix Group | 11 | 764 | 0.98560 | [dlrs]ai Other | 74 | 25 | -0.66216 |
| Special Symbol | 5 | 333 | 0.98498 | [dlrs]a Other | 99 | 33 | -0.66666 |
| yo | 32 | 1957 | 0.98364 | a + e-Sequence | 3 | 1 | -0.66666 |
| cs | 4 | 244 | 0.98360 | daiin Relatives | 2315 | 716 | -0.69071 |
| [yo]q | 26 | 1374 | 0.98107 | [yo]e | 223 | 68 | -0.69506 |
| cc | 4 | 185 | 0.97837 | [yo][fptk] | 6792 | 2009 | -0.70421 |
| a-Other | 20 | 859 | 0.97671 | [dlrs] + i-Sequence | 5 | 1 | -0.8 |
| oo | 12 | 458 | 0.97379 | daiin Suffix Group | 115 | 17 | -0.85217 |
| qs | 2 | 73 | 0.97260 | [ao][lr] | 1557 | 150 | -0.90366 |
| c[fptk]a | 4 | 113 | 0.96460 | [fptk]e | 576 | 51 | -0.91145 |
| qy | 8 | 220 | 0.96363 | dam Suffix Group | 19 | 1 | -0.94736 |
| [fptk \| b][dlrsy] | 99 | 2611 | 0.96208 | ce | 5935 | 101 | -0.98298 |
| cso | 3 | 79 | 0.96202 | [yo]i | 68 | 1 | -0.98529 |
| co | 4 | 99 | 0.95959 | cse | 3279 | 13 | -0.99603 |
| Floating e-Sequence | 142 | 3454 | 0.95888 | Floating i-Sequence | 2 | 0 | -1 |
| qc | 22 | 522 | 0.95785 | Single-Symbol Word | 795 | 0 | -1 |
| [dlrs] Duplifixes | 143 | 3123 | 0.95421 | ai-Initial Other | 48 | 0 | -1 |
| qlky | 1 | 17 | 0.94117 | [fptk] + i-Sequence | 1 | 0 | -1 |
| a[fptk] | 24 | 386 | 0.93782 | | | | |
| ac Prefix Group | 19 | 297 | 0.93602 | | | | |
| [yo]a | 96 | 1484 | 0.93530 | | | | |
| q[fptk] | 26 | 335 | 0.92238 | | | | |
| [yo]c | 548 | 6107 | 0.91026 | | | | |
| [lrs]y Suffixed Version | 11 | 119 | 0.90756 | | | | |
| oy | 15 | 154 | 0.90259 | | | | |
| [dlrs][fptk] | 64 | 571 | 0.88791 | | | | |
| c[fptk]o | 12 | 105 | 0.88571 | | | | |
| [dlrs]o Other | 388 | 3053 | 0.87291 | | | | |
| [dlrsy]c | 1039 | 6525 | 0.84076 | | | | |
| c[fptk]c | 22 | 135 | 0.83703 | | | | |
| [fptk]c | 1027 | 5906 | 0.82610 | | | | |
| [yo] Other | 103 | 565 | 0.81769 | | | | |
| [fptk]o | 601 | 3272 | 0.81632 | | | | |
| c[fptk]y | 8 | 43 | 0.81395 | | | | |
| qo[lr] | 173 | 926 | 0.81317 | | | | |
| dy Suffix Group | 76 | 404 | 0.81188 | | | | |
| [fptk]a | 501 | 1697 | 0.70477 | | | | |
| m | 1 | 3 | 0.66666 | | | | |
| a[lr] Prefix Group | 409 | 1063 | 0.61523 | | | | |
| [yo][dlrs] | 1674 | 4130 | 0.59467 | | | | |
| l[fptk] | 507 | 1174 | 0.56814 | | | | |
| dy Variants Possibly | 65 | 149 | 0.56375 | | | | |
| [dlrs][ao][lr] | 1785 | 2653 | 0.32717 | | | | |
| dy and Prefixes | 350 | 413 | 0.15254 | | | | |
| qo | 5095 | 5840 | 0.12756 | | | | |
| qe | 62 | 42 | -0.32258 | | | | |

Table 15.5: Decomposability Scores for All Word Categories after Ablation of Single-Letter Suffixes

| Category | Word Count | Count of Base Words | Decomposability Score | Category | Word Count | Count of Base Words | Decomposability Score |
|---|---|---|---|---|---|---|---|
| m | 1 | 93 | 0.98924 | Document Baseline | 38318 | 17306 | -0.54835 |
| ai-Initial Other | 48 | 668 | 0.92814 | a-Other | 20 | 9 | -0.55 |
| daiin Suffix Group | 115 | 1474 | 0.92198 | [yo][fptk] | 6792 | 2966 | -0.56330 |
| dam Suffix Group | 19 | 184 | 0.89673 | cse | 3279 | 1398 | -0.57365 |
| dy Variants Possibly | 65 | 394 | 0.83502 | oy | 15 | 6 | -0.6 |
| dy Suffix Group | 76 | 343 | 0.77842 | [dlrs]ai Other | 74 | 28 | -0.62162 |
| v-Initial | 2 | 7 | 0.71428 | c[fptk]e | 857 | 315 | -0.63243 |
| [dlrs] Duplifixes | 143 | 478 | 0.70083 | [fptk]o | 601 | 216 | -0.64059 |
| [dlrs]a Other | 99 | 320 | 0.69062 | c[fptk]o | 12 | 4 | -0.66666 |
| cy | 2 | 6 | 0.66666 | [fptk \| b][dlrsy] | 99 | 32 | -0.67676 |
| g-Initial | 5 | 14 | 0.64285 | qo | 5095 | 1599 | -0.68616 |
| [yo] Other | 103 | 230 | 0.55217 | [fptk]a | 501 | 125 | -0.75049 |
| a[lr] Prefix Group | 409 | 724 | 0.43508 | [fptk]e | 576 | 115 | -0.80034 |
| co | 4 | 7 | 0.42857 | [fptk]c | 1027 | 204 | -0.80136 |
| cso | 3 | 5 | 0.4 | dy and Prefixes | 350 | 66 | -0.81142 |
| cs | 4 | 6 | 0.33333 | l[fptk] | 507 | 89 | -0.82445 |
| [dlrs]o Other | 388 | 508 | 0.23622 | [yo]c | 548 | 92 | -0.83211 |
| [dlrs]e | 70 | 60 | -0.14285 | qo[lr] | 173 | 29 | -0.83236 |

| | | | |
|---|---|---|---|
| [yo][dlrs] | 1674 | 1372 | -0.18040 |
| [dlrs][ao][lr] | 1785 | 1355 | -0.24089 |
| [yo]i | 68 | 45 | -0.33823 |
| ce | 5935 | 3075 | -0.48188 |
| Floating e-Sequence | 142 | 22 | -0.84507 |
| [dlrsy]c | 1039 | 148 | -0.85755 |
| [yo]e | 223 | 31 | -0.86098 |
| qy | 8 | 1 | -0.875 |
| q[fptk] | 26 | 3 | -0.88461 |
| dam Group | 211 | 15 | -0.92890 |
| yo | 32 | 2 | -0.9375 |
| [ao][lr] | 1557 | 83 | -0.94669 |
| c[fptk]c | 22 | 1 | -0.95454 |
| [yo]a | 96 | 4 | -0.95833 |
| [yo]q | 26 | 1 | -0.96153 |
| daiin Relatives | 2315 | 1 | -0.99956 |
| Floating i-Sequence | 2 | 0 | -1 |
| oo | 12 | 0 | -1 |
| x-Initial | 10 | 0 | -1 |
| x-2nd Letter | 7 | 0 | -1 |
| qa | 5 | 0 | -1 |
| qc | 22 | 0 | -1 |
| qe | 62 | 0 | -1 |
| qlky | 1 | 0 | -1 |
| qs | 2 | 0 | -1 |
| Single-Symbol Word | 795 | 0 | -1 |
| Special Symbol | 5 | 0 | -1 |
| a + e-Sequence | 3 | 0 | -1 |
| a[fptk] | 24 | 0 | -1 |
| [lrs]y Suffixed Version | 11 | 0 | -1 |
| c[fptk]y | 8 | 0 | -1 |
| cc | 4 | 0 | -1 |
| c[fptk]a | 4 | 0 | -1 |
| ac Prefix Group | 19 | 0 | -1 |
| ad Prefix Group | 11 | 0 | -1 |
| [dlrs] + i-Sequence | 5 | 0 | -1 |
| [dlrs][fptk] | 64 | 0 | -1 |
| [fptk] + i-Sequence | 1 | 0 | -1 |

Table 15.6: Leading Single-Letter Proclitic and Enclitic Candidates Ranked by Matching Phrase Participation

| Ablated Single-Letter Word | Document Count of Single-Letter Word | Document Counts of Matching Phrases | Expected Counts of Matching Phrases | Phrase Count Difference | Ablated Phrase Score |
|---|---|---|---|---|---|
| **Prefixes** | | | | | |
| a | 2 | 1 | 0.18091 | 0.81908 | 0.81908 |
| r | 93 | 50 | 16.23541 | 33.76458 | 0.67529 |
| l | 57 | 40 | 18.82164 | 21.17835 | 0.52945 |
| s | 244 | 124 | 63.21391 | 60.78608 | 0.49021 |
| o | 81 | 49 | 29.97188 | 19.02811 | 0.38832 |
| y | 149 | 60 | 48.84892 | 11.15107 | 0.18585 |
| d | 51 | 16 | 15.17302 | 0.82697 | 0.05168 |
| p | 13 | 2 | 3.08171 | -1.08171 | -0.35101 |
| t | 8 | 1 | 2.00071 | -1.00071 | -0.50017 |
| f | 7 | 0 | 0.74562 | -0.74562 | -1 |
| Œ | 3 | 0 | 0.00750 | -0.00750 | -1 |
| c | 6 | 0 | 0.24277 | -0.24277 | -1 |
| k | 10 | 0 | 2.22066 | -2.22066 | -1 |
| e | 3 | 0 | 0.24692 | -0.24692 | -1 |
| v | 7 | 0 | 0.05421 | -0.05421 | -1 |
| x | 9 | 0 | 0.30025 | -0.30025 | -1 |
| g | 14 | 0 | 0.42068 | -0.42068 | -1 |
| q | 1 | 0 | 0.20145 | -0.20145 | -1 |
| **Suffixes** | | | | | |
| k | 10 | 2 | 0.36601 | 1.63398 | 0.81699 |
| r | 93 | 39 | 8.09776 | 30.90223 | 0.79236 |
| l | 57 | 28 | 7.06168 | 20.93831 | 0.74779 |
| d | 51 | 11 | 6.58085 | 4.41914 | 0.40174 |
| s | 244 | 53 | 33.33383 | 19.66616 | 0.37105 |
| y | 149 | 59 | 42.89459 | 16.10540 | 0.27297 |
| g | 14 | 1 | 0.76163 | 0.23836 | 0.23836 |
| o | 81 | 13 | 11.92660 | 1.07339 | 0.08256 |
| p | 13 | 0 | 0.25990 | -0.25990 | -1 |
| a | 2 | 0 | 0.08974 | -0.08974 | -1 |
| À | 2 | 0 | 0.00281 | -0.00281 | -1 |
| e | 3 | 0 | 0.04632 | -0.04632 | -1 |
| m | 10 | 0 | 0.35053 | -0.35053 | -1 |
| n | 3 | 0 | 0.01822 | -0.01822 | -1 |
| x | 9 | 0 | 0.00386 | -0.00386 | -1 |
| t | 8 | 0 | 0.13592 | -0.13592 | -1 |
| f | 7 | 0 | 0.08773 | -0.08773 | -1 |

Table 15.7: Taxonomy of the Voynich Affixes and Clitics

| Prefixes | Extensions |
|---|---|
| c- | c[s \| fptk \| b] |
| q- | q[fptk] |
| [fptk \| b] | |
| [yo] | [yo][fptk] |
| | [yo][dlrs] |
| a | a[fptk] |
| | a[dlrs] |
| [dlrs] | d[fptk] |
| | l[fptk] |
| | r[fptk] |
| | s[fptk] |
| v, x, g | ? |

+

| Derivational Markers |
|---|
| [ao] vs. none/y |

+

| Infixes | Trailing Consonants (Semantic) |
|---|---|
| [ei]$^{0-4}$ | [dlrsmg \| fptk \| n] |

+

| Suffixes |
|---|
| [dlrsmg] |
| -[yo] |
| -a |

Table 15.8: [ao] + i-Infixes in Consonant Clusters and y-Initial Words of 2-Letters

| Word | Matches | Word Count | Document Count of Matching Words | # of Matching Words |
|---|---|---|---|---|
| dd | daid | 1 | 1 | 1 |
| dg | | 1 | 0 | 1 |
| dl | darail, diil, daiil | 20 | 3 | 3 |
| dm | dydaim, daiim, daim | 2 | 16 | 3 |
| dr | dairair, darair, deeaiir, diir, dkair, doair, dtedair, doiir, dyair, daiir, dair | 2 | 147 | 11 |
| ds | dais | 2 | 9 | 1 |
| kl | | 2 | 0 | 1 |
| ks | kais | 1 | 3 | 1 |
| ld | | 4 | 0 | 1 |
| lg | loiiig | 2 | 1 | 1 |
| lk | | 1 | 0 | 1 |
| lm | lceealaim, lpaim, lkaim | 1 | 3 | 3 |
| lr | lcseaiir, lcseodair, lolkair, lorair, losair, lsair, lkaiir, lkair, lair | 12 | 13 | 9 |
| ls | lsais | 10 | 1 | 1 |
| lt | | 1 | 0 | 1 |
| rd | | 1 | 0 | 1 |
| rl | | 2 | 0 | 1 |
| rn | raraiiin, raraiin, rkaiin, rlaiin, roaiin, rodaiin, rodain, rorain, rotaiin, roiin, raiiin, rain, raiin | 1 | 123 | 13 |
| rs | rais | 1 | 2 | 1 |
| sl | | 1 | 0 | 1 |
| ss | sois, sorais, sais | 1 | 3 | 3 |
| tl | | 1 | 0 | 1 |

Table 16.1: Incidence of Dominant Verb-Noun Orders in Natural Languages[44]

| Word order | English equivalent | Proportion of languages | Examples |
|---|---|---|---|
| SOV | "She him loves." | 45% | Sanskrit, Hindi, Ancient Greek, Latin, Japanese, Korean |
| SVO | "She loves him." | 42% | Chinese, English, French, Hausa, Italian, Malay, Russian, Spanish |
| VSO | "Loves she him." | 9% | Biblical Hebrew, Arabic, Irish, Filipino, Tuareg-Berber, Welsh |
| VOS | "Loves him she." | 3% | Malagasy, Baure |
| OVS | "Him loves she." | 1% | Apalaí, Hixkaryana |
| OSV | "Him she loves." | 0% | Warao, (certain dialects of) Korean |

Table 16.2: Clear Dominance of Nouns among Paragraph Initiators

| Final Part of Speech | Distinct Word Count | Document Word Count | Paragraph Count | Empirical Probability | Probability Difference |
|---|---|---|---|---|---|
| Noun [yo]-Slot | 5246 | 23716 | 535 | 0.74721 | 0.13792 |
| Verb Double a-Base | 214 | 396 | 13 | 0.01816 | 0.00799 |
| Detached Class Modifier | 21 | 55 | 2 | 0.00279 | 0.00138 |
| c \| cs \| c[fptk] \| [tk] + e$^{0-4}$d | 52 | 139 | 3 | 0.00419 | 0.00062 |
| c \| cs \| c[fptk] + e$^{0-4}$n | 6 | 8 | 0 | 0.00000 | -0.00021 |
| c \| cs \| c[fptk] + e$^{0-4}$[mg] | 14 | 20 | 0 | 0.00000 | -0.00051 |
| Other e1-4s Endings | 12 | 21 | 0 | 0.00000 | -0.00054 |
| a-Base + y-Base Compound? | 101 | 134 | 2 | 0.00279 | -0.00065 |
| c \| cs \| c[fptk] + e$^{0-4}$[fptk] | 18 | 39 | 0 | 0.00000 | -0.00100 |
| Unassigned | 32 | 53 | 0 | 0.00000 | -0.00136 |
| Consonant Clusters + Complex X-Words | 38 | 118 | 0 | 0.00000 | -0.00303 |
| Verb Suffixed a-Base | 109 | 354 | 3 | 0.00419 | -0.00490 |
| 4th Part of Speech - c \| cs + e$^{0-4}$[lrs] | 85 | 298 | 1 | 0.00140 | -0.00626 |
| Single-Letter Word | 18 | 397 | 0 | 0.00000 | -0.01020 |
| Verb a-Base | 710 | 6555 | 93 | 0.12989 | -0.03852 |
| Modifier y-Base | 624 | 6621 | 64 | 0.08939 | -0.08071 |

Table 16.3: Greater Complexity of Paragraph Initiator Patterns in Section 5

| Final Part of Speech | Distinct Word Count | Document Word Count | Paragraph Count | Probability Difference |
|---|---|---|---|---|
| Noun [yo]-Slot | 1924 | 18601 | 204 | 0.12495 |
| Verb Double a-Base (sometimes behaving like a noun) | 105 | 248 | 10 | 0.02677 |
| c \| cs \| c[fptk] \| [tk] + e$^{0-4}$d | 32 | 112 | 3 | 0.00686 |
| Detached Class Modifier | 8 | 29 | 2 | 0.00600 |
| a-Base + y-Base Compound? | 46 | 67 | 1 | 0.00137 |
| Verb Suffixed a-Base (sometimes behaving like a noun) | 43 | 254 | 2 | -0.00100 |
| 4th Part of Speech - c \| cs + e$^{0-4}$[lrs] | 39 | 212 | 1 | -0.00314 |
| Modifier y-Base | 303 | 6029 | 23 | -0.10819 |

Table 16.4: Increase in Exceptional Syntax in Interior Clauses

| Final Part of Speech | Distinct Word Count | Document Word Count | Paragraph Count | Empirical Probability | Probability Difference |
|---|---|---|---|---|---|
| 4th Part of Speech - c \| cs + $e^{0-4}$[lrs] | 85 | 298 | 142 | 0.06538 | 0.05772 |
| Modifier y-Base | 624 | 6621 | 465 | 0.21409 | 0.04399 |
| Verb a-Base | 710 | 6555 | 419 | 0.19291 | 0.02450 |
| Verb Double a-Base (sometimes behaving like a noun) | 214 | 396 | 35 | 0.01611 | 0.00594 |
| c \| cs \| c[fptk] \| [tk] + $e^{0-4}$d | 52 | 139 | 16 | 0.00737 | 0.00380 |
| a-Base + y-Base Compound? | 101 | 134 | 11 | 0.00506 | 0.00162 |
| c \| cs \| c[fptk] + $e^{0-4}$n | 6 | 8 | 1 | 0.00046 | 0.00025 |
| Detached Class Modifier | 21 | 55 | 3 | 0.00138 | -0.00003 |
| Unassigned | 32 | 53 | 2 | 0.00092 | -0.00044 |
| c \| cs \| c[fptk] + $e^{0-4}$[mg] | 14 | 20 | 0 | 0.00000 | -0.00051 |
| Other e1-4s Endings | 12 | 21 | 0 | 0.00000 | -0.00054 |
| c \| cs \| c[fptk] + $e^{0-4}$[fptk] | 18 | 39 | 0 | 0.00000 | -0.00100 |
| Verb Suffixed a-Base (sometimes behaving like a noun) | 109 | 354 | 14 | 0.00645 | -0.00264 |
| Consonant Clusters + Complex X-Words | 38 | 118 | 0 | 0.00000 | -0.00303 |
| Single-Letter Word | 18 | 397 | 0 | 0.00000 | -0.01020 |
| Noun [yo]-Slot | 5246 | 23716 | 1064 | 0.48987 | -0.11942 |

Table 16.5: Segmentation of Interior Clause Initiators at the Sectional Level

| Final Part of Speech | Distinct Word Count | Document Word Count | Paragraph Count | Probability Difference | Final Part of Speech | Distinct Word Count | Document Word Count | Paragraph Count | Probability Difference |
|---|---|---|---|---|---|---|---|---|---|
| **Opening Address** | | | | | **Cosmological** | | | | |
| Noun [yo]-Slot | 104 | 3975 | 14 | 0.34791 | Verb a-Base | 135 | 5180 | 14 | 0.11071 |
| Modifier y-Base | 21 | 2004 | 1 | -0.16116 | c \| cs + $e^{0-4}$[lrs] | 22 | 172 | 3 | 0.06002 |
| Verb a-Base | 32 | 3143 | 3 | -0.17322 | Verb Double a-Base | 58 | 180 | 3 | 0.05971 |
| **Pharmacological** | | | | | Verb Suffixed a-Base | 36 | 249 | 1 | 0.01259 |
| Noun [yo]-Slot | 875 | 13497 | 102 | 0.21643 | Modifier y-Base | 131 | 4687 | 6 | -0.04800 |
| c \| cs + $e^{0-4}$[lrs] | 7 | 145 | 8 | 0.05669 | Noun [yo]-Slot | 1304 | 14813 | 18 | -0.17308 |
| Verb Suffixed a-Base | 17 | 208 | 1 | -0.00117 | **Balneological** | | | | |
| Modifier y-Base | 78 | 4250 | 10 | -0.10601 | Modifier y-Base | 272 | 5971 | 117 | 0.11639 |
| Verb a-Base | 74 | 4421 | 6 | -0.14494 | c \| cs + $e^{0-4}$[lrs] | 30 | 231 | 34 | 0.08752 |
| **Herbal** | | | | | c \| cs \| c[fptk] \| [tk] + $e^{0-4}$d | 15 | 75 | 3 | 0.00577 |
| c \| cs + $e^{0-4}$[lrs] | 33 | 230 | 45 | 0.04748 | Unassigned | 3 | 3 | 1 | 0.00271 |
| Verb Double a-Base | 53 | 156 | 8 | 0.00491 | Verb a-Base | 181 | 5515 | 70 | 0.00027 |
| a-Base + y-Base Compound? | 29 | 50 | 3 | 0.00210 | Verb Double a-Base | 20 | 77 | 1 | 0.00007 |
| Modifier y-Base | 302 | 6001 | 153 | 0.00109 | Verb Suffixed a-Base | 33 | 234 | 1 | -0.00553 |
| c \| cs \| c[fptk] + $e^{0-4}$n | 5 | 6 | 1 | 0.00103 | Single-Letter Word | 5 | 349 | 0 | -0.01246 |
| Unassigned | 7 | 18 | 1 | 0.00066 | Noun [yo]-Slot | 962 | 15403 | 128 | -0.18939 |
| c \| cs \| c[fptk] \| [tk] + $e^{0-4}$d | 19 | 82 | 2 | -0.00010 | **Section 5** | | | | |
| Detached Class Modifier | 12 | 46 | 1 | -0.00020 | c \| cs + $e^{0-4}$[lrs] | 39 | 212 | 48 | 0.06008 |
| Verb Suffixed a-Base | 38 | 253 | 6 | -0.00050 | Verb a-Base | 378 | 6075 | 174 | 0.05274 |
| Noun [yo]-Slot | 2285 | 19348 | 482 | -0.01015 | Modifier y-Base | 303 | 6029 | 160 | 0.03472 |
| Verb a-Base | 314 | 5849 | 123 | -0.03060 | Verb Double a-Base | 105 | 248 | 20 | 0.02007 |
| **Rosette Section** | | | | | a-Base + y-Base Compound? | 46 | 67 | 8 | 0.00903 |
| Verb a-Base | 131 | 5174 | 29 | 0.14606 | c \| cs \| c[fptk] \| [tk] + $e^{0-4}$d | 32 | 112 | 9 | 0.00902 |
| c \| cs + $e^{0-4}$[lrs] | 9 | 129 | 4 | 0.04360 | Detached Class Modifier | 8 | 29 | 2 | 0.00188 |
| Modifier y-Base | 113 | 4653 | 18 | 0.03281 | Verb Suffixed a-Base | 43 | 254 | 5 | -0.00096 |
| Verb Double a-Base | 30 | 112 | 3 | 0.03210 | Noun [yo]-Slot | 1924 | 18601 | 294 | -0.17017 |
| c \| cs \| c[fptk] \| [tk] + $e^{0-4}$d | 6 | 54 | 2 | 0.02222 | | | | | |
| Noun [yo]-Slot | 735 | 14244 | 26 | -0.25445 | | | | | |

Table 16.6: Word Complexity at Positions 1-20 of Qualifying Voynich Paragraphs, by Average Length and Position Specificity Score

| Paragraph Position | Average Word Length | StDev Word Length | Position Specificity Score | Position Count |
|---|---|---|---|---|
| 1 | 6.48240 | 1.79552 | 0.35217 | 767 |
| 2 | 5.76693 | 1.82525 | 0.24629 | 768 |
| 3 | 5.80523 | 1.84404 | 0.25263 | 765 |
| 4 | 5.64146 | 1.78491 | 0.24389 | 767 |
| 5 | 5.55439 | 1.73527 | 0.23964 | 763 |
| 6 | 5.57520 | 1.90986 | 0.25287 | 758 |
| 7 | 5.53042 | 1.77335 | 0.23547 | 756 |
| 8 | 5.44974 | 1.85683 | 0.24100 | 756 |
| 9 | 5.32100 | 1.81593 | 0.25129 | 757 |
| 10 | 5.15047 | 1.75043 | 0.23378 | 751 |
| 11 | 5.14854 | 1.73831 | 0.21423 | 754 |
| 12 | 5.11421 | 1.79100 | 0.19209 | 753 |
| 13 | 5.29827 | 1.71394 | 0.18525 | 751 |
| 14 | 5.18182 | 1.65953 | 0.14375 | 748 |
| 15 | 5.31007 | 1.67980 | 0.15054 | 745 |
| 16 | 5.18293 | 1.78198 | 0.17074 | 738 |
| 17 | 5.26330 | 1.65962 | 0.16738 | 733 |
| 18 | 5.06052 | 1.72701 | 0.14378 | 727 |
| 19 | 4.98468 | 1.71905 | 0.15875 | 718 |
| 20 | 5.00142 | 1.67986 | 0.15648 | 703 |

Table 16.7: 1st Occurrences of a-Bases within Voynich Paragraphs, by Position

| Text Sequence Position | Position Count | Position Probability | Text Sequence Position | Position Count | Position Probability |
|---|---|---|---|---|---|
| 1 | 109 | 0.15395 | 18 | 6 | 0.00847 |
| 2 | 85 | 0.12006 | 19 | 11 | 0.01554 |
| 3 | 57 | 0.08051 | 20 | 6 | 0.00847 |
| **4** | **61** | **0.08616** | 21 | 5 | 0.00706 |
| 5 | 58 | 0.08192 | 22 | 4 | 0.00565 |
| 6 | 43 | 0.06073 | 23 | 3 | 0.00424 |
| 7 | 39 | 0.05508 | 24 | 7 | 0.00989 |
| 8 | 30 | 0.04237 | 25 | 1 | 0.00141 |
| 9 | 34 | 0.04802 | 26 | 2 | 0.00282 |
| 10 | 38 | 0.05367 | 27 | 2 | 0.00282 |
| 11 | 29 | 0.04096 | 28 | 3 | 0.00424 |
| 12 | 14 | 0.01977 | 29 | 4 | 0.00565 |
| 13 | 15 | 0.02119 | 31 | 1 | 0.00141 |
| 14 | 17 | 0.02401 | 32 | 1 | 0.00141 |
| 15 | 7 | 0.00989 | 35 | 1 | 0.00141 |
| 16 | 5 | 0.00706 | 49 | 1 | 0.00141 |
| 17 | 9 | 0.01271 | | | |

Table 16.8: Other Examples in Version #29 of the Critical [yo][fptk][ao][lr] c | cs + $e^{1-4}$y Grammar (Related to *okaly cseey* and *oror cseeey*)

| otol Variants |
|---|
| f9r #2 (…qotol ceyky…) |
| f20r #1 (…otolceey) |
| f20r #2 (…qotol ceeey…) |
| f21r #1 (… qotol csey ol ceeor cey qokceey ceey… ) |
| f21r #2 (otolocseeey…) |
| f45v #1 (…qotol qotol cey…) |
| f47v #1 (…qotol cseeey…) |
| f48v #2 (…ykedy oldy otoly ceey kaly…) |
| f90v1 #1 (…otol cseey…) |
| f89v2 #3 (…otol cseeey…) |
| f100r #2 (…otolceey) |
| f101r1 #2 (…otol cseeey…) |
| f80v #5 (…qoteedy qotol csey…qoty olol ceeey…) |

| otal |
|---|
| f70r2 Diagram Label (…qokal cedy qotal ceey…) |
| f86v5 # 2 (…ytal ceey otal aiiin…) |
| f82v # 4 (… qotal cseey…qokal saiin cseey qokol ceol…) |
| f83v # 1 (…qokedy qotal ceey dar…) |
| f103v # 8 (…qokcsey qotal cseeey oloiin…) |
| f107v # 1 (otalkcey…otal ceeey…) |

| otor |
|---|
| f23v Borage #1 (…qoteotor cey…) |
| f28r #1 (…otor cey kceoror..) |
| f99v #2 (otor cey) |

| otar |
|---|
| f31r #1 (…qokeey ceey… qotar cey dar…) |
| f106v #11 (…qotar ceey…) |
| f115v #13 (…ototar cseeey…) |

| okor |
|---|
| f9r #1 (…ctey okor ceey cteod ram…) |
| f15r #1 (…okor csey…) |
| f38r #1 daiin sy okor ceey kain…) |
| f93r #1 (…sodal cseeo al sal qokor cseey okceeor cseeedom…) |
| f68r1 Diagram Label (…ceod ykor cseey…) |

| okar and okaiir |
|---|
| f1r Opening Address #5 (…okaiir ceey rcey…) |
| f54v #1 (…qodaim qokar cey s am…) |
| f75r #1 (…qokar csey kceedy qotar cseedy dain…) |
| f75r #3 (…ytain ceedy qokar cey…qokal okar cseedy…qokal oly cseey r ol ceeey cseey…) |
| f75v #4 (…qokar cseey…) |
| f79r #2 (polceedy qokar cseey…) |
| f80v #7 (…qokaiin okain okar cseey…) |
| f82v #5 (…qokar cseey…olor ceey…) |
| f81r #4 (… qokar ceey…) |
| f86v5 #5 (…ykar cseey ytaiin) |
| f86v5 #4 (…qokar ceeey…) |
| f86v5 #1 (…qokar csey…otam cseedy cedy…oky cseeeey…) |
| f107v #8 (…cseo qokar ceeey…) |
| f107v #5 (…ceeol qokar ceey…) |
| f116r #12 (…ceoy qokar ceey dain…) |
| f58v Paragraph Label (okar cseeey cseekealy) |
| f58v #1 (…ykair cseey…) |
| f80r #2 (…qokair cseey…) |

| okol |
|---|
| f2r # 2 (…ckeor okol cey ceor cteor yor an cean…) |
| f10v # 2 (…qokol ceyky ceol ceeky daiin dain ceckean…) |
| f94r # 1 (…otody qokol ceey qokair opary…) |
| f77r # 1 (…qokol ceey…qokain cseeey…) |
| f82r # 2 (…qokol ceey…) |
| f99r # 1 (…ykol ceeey…) |
| f89r2 # 3 (…qokol ceey…qokeol ceeey qokeey saiin…) |
| Rosette #4 Compartment #1 (okar oloeeky daiiin okeedy qokoey oefoedy ory lkoecey okol cseeey tolfoeg rair cseodaiiin) |

| okal |
|---|
| f13v # 2 (…okal cey…) |
| f55v # 2 (…qokcey okal ceey…) |
| f69r Diagram Label (…ceoetey okal cey…) |
| Gemini - Intermediate Ring (…okaly dalcedy cseteeey okal cseey…) |
| f76r # 2 (…otedy qokal cseey…) |
| f78v # 2 (…okal cseey ol cseedy okal okceey…) |
| f79r # 3 (…qokl cseey qokal ceedy…kcseedy otal cseeey…) |
| f79v # 3 (…qokain cseeey…ykail csey qolar cseey…) |
| f84r # 3 (…okaly ceey okal ceedy…qokal ol cseedy… qokedy okal cseey…) |
| f106r # 14 (…qokal ceey…) |
| f106v # 15 (…okal ceey…) |
| f111v # 9 (…okal ceey…) |
| f113v # 1 (…okal ceey…) |

| okoy |
|---|
| f20v #1 (fais ar okoy csey…) |

| op[ao]r |
|---|
| Rosette #2 Interior Ring (…opal csey…) |
| Scorpio - Intermediate Ring (…otar ceey…opar ceey…) |
| f86v5 #2 (…opor cseey…ytal ceey…) |

Table 16.9: Affinity of y-Base Modifiers for Clause Marker Clusters

| Part of Speech | Document | | Marker Counts | | Marker Probabilities | | Probability Differences | |
|---|---|---|---|---|---|---|---|---|
| | Word Count | Probability | Non-Cluster | Cluster | Non-Cluster | Word Count | Probability | Non-Cluster |
| Modifier y-Base | 6621 | 0.17010 | 332 | 161 | 0.19762 | 0.26393 | 0.02752 | 0.09383 |
| c \| cs + $e^{0-4}$[lrs] | 298 | 0.00766 | 143 | 42 | 0.08512 | 0.06885 | 0.07746 | 0.06119 |
| a-Base + y-Base Compound | 134 | 0.00344 | 4 | 5 | 0.00238 | 0.00820 | -0.00106 | 0.00476 |
| c \| cs \| c[fptk] \| [tk] + $e^{0-4}$d | 139 | 0.00357 | 13 | 5 | 0.00774 | 0.00820 | 0.00417 | 0.00463 |
| Verb Double a-Base | 396 | 0.01017 | 28 | 8 | 0.01667 | 0.01311 | 0.00650 | 0.00294 |
| Other $e^{1-4}$s Endings | 21 | 0.00054 | 0 | 1 | 0.00000 | 0.00164 | -0.00054 | 0.00110 |
| Verb Suffixed a-Base | 354 | 0.00909 | 12 | 4 | 0.00714 | 0.00656 | -0.00195 | -0.00253 |
| Verb a-Base | 6555 | 0.16841 | 335 | 98 | 0.19940 | 0.16066 | 0.03099 | -0.00775 |
| Noun [yo]-Slot | 23716 | 0.60929 | 804 | 286 | 0.47857 | 0.46885 | -0.13072 | -0.14044 |

Table 16.10: Composition of the Leading Clause Marker Clusters

| Combination Count | Empirical Probability | Noun | Modifier | c \| cs \| c[fptk] \| [tk] + $e^{0-4}$d | Verb-Modifier Compound | Verb | Compound Verb | Suffixed Verb | Suspected Relative Clause Markers |
|---|---|---|---|---|---|---|---|---|---|
| 107 | 0.17541 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 94 | 0.15410 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 48 | 0.07869 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 46 | 0.07541 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| 44 | 0.07213 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0.03770 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| 20 | 0.03279 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 14 | 0.02295 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 14 | 0.02295 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 14 | 0.02295 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0.02131 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 12 | 0.01967 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0.01803 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| 11 | 0.01803 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0.01639 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 5 | 0.00820 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 |
| 5 | 0.00820 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 |
| 5 | 0.00820 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5 | 0.00820 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0.00656 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0.00656 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 |
| 4 | 0.00656 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| 3 | 0.00492 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 |
| 3 | 0.00492 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0.00492 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| 3 | 0.00492 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0.00328 | 1 | 2 | 0 | 0 | 1 | 0 | 0 | 0 |
| 2 | 0.00328 | 2 | 1 | 0 | 0 | 2 | 0 | 0 | 0 |
| 2 | 0.00328 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2 | 0.00328 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0.00328 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| 2 | 0.00328 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 2 | 0.00328 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2 | 0.00328 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 2 | 0.00328 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 |
| 2 | 0.00328 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| 2 | 0.00328 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| 2 | 0.00328 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0.00328 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |

Table 16.11: Prevalence of Part-of-Speech Combinations at Clause Beginnings

| Rank | Parts of Speech | | | |
|---|---|---|---|---|
| | 1st Clause Position | 2nd Clause Position | Combination Count | Empirical Probability |
| 1 | Noun [yo]-Slot | Noun [yo]-Slot | 689 | 0.30622 |
| 2 | Modifier y-Base | Noun [yo]-Slot | 288 | 0.12800 |
| 3 | Verb a-Base | Noun [yo]-Slot | 236 | 0.10489 |
| 4 | Noun [yo]-Slot | Modifier y-Base | 175 | 0.07778 |
| 5 | Noun [yo]-Slot | Verb a-Base | 165 | 0.07333 |
| 6 | Modifier y-Base | Modifier y-Base | 101 | 0.04489 |
| 7 | c \| cs + $e^{0-4}$[lrs] | Noun [yo]-Slot | 96 | 0.04267 |
| **8** | **Verb a-Base** | **Modifier y-Base** | **87** | **0.03867** |
| 9 | Verb a-Base | Verb a-Base | 85 | 0.03778 |
| **10** | **Modifier y-Base** | **Verb a-Base** | **73** | **0.03244** |
| 11 | c \| cs + $e^{0-4}$[lrs] | Verb a-Base | 38 | 0.01689 |
| 12 | Verb Double a-Base | Noun [yo]-Slot | 23 | 0.01022 |
| 13 | c \| cs + $e^{0-4}$[lrs] | Modifier y-Base | 22 | 0.00978 |
| 14 | c \| cs \| c[fptk] \| [tk] + $e^{0-4}$d | Noun [yo]-Slot | 12 | 0.00533 |
| 15 | Modifier y-Base | Single-Letter Word | 10 | 0.00444 |
| 16 | Verb Double a-Base | Verb a-Base | 8 | 0.00356 |
| 16 | Noun [yo]-Slot | Verb Suffixed a-Base | 8 | 0.00356 |
| 16 | c \| cs + $e^{0-4}$[lrs] | Single-Letter Word | 8 | 0.00356 |
| 19 | Verb Suffixed a-Base | Noun [yo]-Slot | 7 | 0.00311 |
| 19 | Noun [yo]-Slot | Single-Letter Word | 7 | 0.00311 |
| 21 | Noun [yo]-Slot | Verb Double a-Base | 6 | 0.00267 |
| **22** | **Modifier y-Base** | **Verb Suffixed a-Base** | **5** | **0.00222** |
| 22 | a-Base + y-Base Compound | Noun [yo]-Slot | 5 | 0.00222 |
| 22 | Noun [yo]-Slot | c \| cs + $e^{0-4}$[lrs] | 5 | 0.00222 |
| 25 | c \| cs + $e^{0-4}$[lrs] | c \| cs + $e^{0-4}$[lrs] | 4 | 0.00178 |
| 25 | Noun [yo]-Slot | Detached Class Modifier | 4 | 0.00178 |

| | | | | |
|---|---|---|---|---|
| 25 | Noun [yo]-Slot | a-Base + y-Base Compound | 4 | 0.00178 |
| 25 | Noun [yo]-Slot | c \| cs \| c[fptk] \| [tk] + $e^{0-4}$d | 4 | 0.00178 |
| **25** | **Verb Double a-Base** | **Modifier y-Base** | **4** | **0.00178** |
| 25 | Verb a-Base | Single-Letter Word | 4 | 0.00178 |
| 25 | c \| cs + $e^{0-4}$[lrs] | Verb Suffixed a-Base | 4 | 0.00178 |
| 25 | Verb a-Base | Verb Suffixed a-Base | 4 | 0.00178 |
| 33 | a-Base + y-Base Compound | Verb a-Base | 3 | 0.00133 |
| 33 | Detached Class Modifier | Noun [yo]-Slot | 3 | 0.00133 |
| 33 | Verb a-Base | Verb Double a-Base | 3 | 0.00133 |
| 33 | c \| cs \| c[fptk] \| [tk] + $e^{0-4}$d | Modifier y-Base | 3 | 0.00133 |
| **33** | **Verb Suffixed a-Base** | **Modifier y-Base** | **3** | **0.00133** |
| 33 | Unassigned | Noun [yo]-Slot | 3 | 0.00133 |
| 33 | Verb a-Base | c \| cs + $e^{0-4}$[lrs] | 3 | 0.00133 |
| 40 | c \| cs + $e^{0-4}$[lrs] | Consonant Clusters + Complex X-Words | 2 | 0.00089 |
| 40 | Modifier y-Base | Consonant Clusters + Complex X-Words | 2 | 0.00089 |
| 40 | Modifier y-Base | c \| cs \| c[fptk] \| [tk] + $e^{0-4}$d | 2 | 0.00089 |
| 40 | Verb a-Base | c \| cs \| c[fptk] \| [tk] + $e^{0-4}$d | 2 | 0.00089 |
| 40 | c \| cs + $e^{0-4}$[lrs] | a-Base + y-Base Compound | 2 | 0.00089 |
| 40 | Modifier y-Base | a-Base + y-Base Compound | 2 | 0.00089 |
| 40 | c \| cs \| c[fptk] \| [tk] + $e^{0-4}$d | Verb a-Base | 2 | 0.00089 |
| 40 | Verb Suffixed a-Base | Verb a-Base | 2 | 0.00089 |
| 40 | c \| cs + e0-4[lrs] | Verb Double a-Base | 2 | 0.00089 |
| **49** | **Modifier y-Base** | **Verb Double a-Base** | **1** | **0.00044** |
| 49 | Modifier y-Base | Other $e^{1-4}$s Endings | 1 | 0.00044 |
| 49 | Noun [yo]-Slot | Other $e^{1-4}$s Endings | 1 | 0.00044 |
| 49 | c \| cs \| c[fptk] + $e^{0-4}$n | Single-Letter Word | 1 | 0.00044 |
| 49 | Noun [yo]-Slot | Unassigned | 1 | 0.00044 |
| 49 | Verb a-Base | Unassigned | 1 | 0.00044 |
| 49 | Consonant Clusters + Complex X-Words | Noun [yo]-Slot | 1 | 0.00044 |
| 49 | Verb a-Base | a-Base + y-Base Compound | 1 | 0.00044 |
| 49 | c \| cs \| c[fptk] \| [tk] + $e^{0-4}$d | c \| cs \| c[fptk] \| [tk] + $e^{0-4}$d | 1 | 0.00044 |
| 49 | c \| cs + $e^{0-4}$[lrs] | c \| cs \| c[fptk] + $e^{0-4}$[fptk] | 1 | 0.00044 |
| 49 | Modifier y-Base | c \| cs \| c[fptk] + $e^{0-4}$[fptk] | 1 | 0.00044 |
| 49 | Noun [yo]-Slot | c \| cs \| c[fptk] + e0-4[fptk] | 1 | 0.00044 |
| 49 | Noun [yo]-Slot | c \| cs \| c[fptk] + $e^{0-4}$[mg] | 1 | 0.00044 |
| 49 | Verb a-Base | c \| cs \| c[fptk] + $e^{0-4}$[mg] | 1 | 0.00044 |
| 49 | Verb a-Base | Detached Class Modifier | 1 | 0.00044 |
| 49 | a-Base + y-Base Compound | Modifier y-Base | 1 | 0.00044 |
| 49 | Modifier y-Base | Detached Class Modifier | 1 | 0.00044 |
| 49 | c \| cs \| c[fptk] + $e^{0-4}$[mg] | Noun [yo]-Slot | 1 | 0.00044 |
| 49 | Other $e^{1-4}$s Endings | Noun [yo]-Slot | 1 | 0.00044 |
| 49 | Verb Suffixed a-Base | Single-Letter Word | 1 | 0.00044 |

Table 16.12: Internal Fault Lines within the Modifier Distribution along Modifier → Verb vs. Verb → Modifier Clause Initiator Lines

| Suspected Adverbs in Modifier → Verb Beginnings | |
|---|---|
| **Ablated Word** | **Instance Count** |
| edy | 11 |
| eey | 11 |
| ceey | 8 |
| cey | 7 |
| ceedy | 7 |
| eedy | 6 |
| y | 6 |
| ceeey | 3 |
| cedy | 3 |
| ey | 2 |
| csey | 2 |
| ecey | 1 |
| eeedy | 1 |
| eeey | 1 |
| cedeedy | 1 |
| cseedy | 1 |
| cseey | 1 |
| cety | 1 |

| Suspected Adjectives in Verb → Modifier Beginnings (in Common with the Modifier → Verb Pattern) | |
|---|---|
| **Ablated Word** | **Instance Count** |
| cseedy | 10 |
| ceey | 9 |
| dy | 8 |
| ceedy | 7 |
| cseey | 4 |
| y | 4 |
| csey | 3 |
| cseeey | 3 |
| ceeey | 2 |
| csedy | 2 |
| edy | 1 |
| cedy | 1 |
| ceeedy | 1 |
| cey | 1 |

| Suspected Adjectives in Verb → Modifier Beginnings (in Common with the Modifier → Verb Pattern) | |
|---|---|
| **Ablated Word** | **Instance Count** |
| ceckey | 4 |
| ceeckey | 2 |
| csekceedy | 1 |
| cseeckeey | 1 |
| cseeckey | 1 |
| ceekeedy | 1 |
| ceekey | 1 |
| cseepcey | 1 |
| cseeeky | 1 |
| cteey | 1 |
| ctey | 1 |
| dceedy | 1 |
| dcseedy | 1 |
| lkeeceey | 1 |
| ly | 1 |
| sy | 1 |
| cecteey | 1 |
| cectey | 1 |
| ceckedy | 1 |
| ceckeedy | 1 |
| ceckeey | 1 |
| cekcey | 1 |
| ceky | 1 |
| cety | 1 |
| ckcsey | 1 |
| ckeey | 1 |
| csectey | 1 |

Table 16.13: Head-Dependent Discrimination for Marking Purposes[45]

| Head | Dependent | English Marking Examples | Probable Voynich Order | Probable Voynich Marking |
|---|---|---|---|---|
| Predicate (often controlled by a verb) | Subject, object, indirect object nouns (i.e. "arguments and adjuncts") | *Kim loves Lee* | Head-final | Dependent-marking |
| Auxiliary Verb | Main i.e. Lexical Verb | | Head-final | Dependent-marking |
| Adposition | Noun Targeted by the Adposition | *in the shower* (zero-marking) | Head-final | Dependent-marking (or zero) |
| Verb | Adverb | | Head-final | Dependent-marking (likely) |
| Noun | Adjective | *red book* (zero-marking) | Head-first with head-final exceptions? | Dependent-marking (likely) |
| Possessed Noun | Possessor Noun | *Kim's house, my house* (dependent-marking) | Head-final | Dependent-marking |
| "Main Clause Predicate" | Relative/Subordinate Clause | | Head-first? | Dependent-marking? (for consistency) |

Table 17.1: Declension of Latin Personal Pronouns[46] vs. Hypothetical (and Incorrect) Voynich Examples from the o[dlrs | y] Distribution

| | Latin Singular | | | | | Latin Plural | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Case / Person** | **1st (I)** | **2nd (You)** | **3rd (He, She, It)** | | | **1st (We)** | **2nd (Y'all)** | **3rd (They)** | | |
| **Nominative** | ego | tu | is | ea | id | nos | vos | ei | eae | ea |
| **Accusative** | me | te | eum | eam | id | nos | vos | eos | eas | ea |
| **Dative** | mihi | tibi | ei | ei | ei | nobis | vobis | eis | eis | eis |
| **Ablative** | me | te | eo | ea | eo | nobis | vobis | eis | eis | eis |
| **Genitive** | mei | tui | eius | eius | eius | nostri | vestri | eorum | earum | eorum |
| | **Hypothetical (but Incorrect) Voynich Singular** | | | | | **Hypothetical Voynich Plural** | | | | |
| **Case / Person** | **1st (I)** | **2nd (You)** | **3rd (He, She, It)** | | | **1st (We)** | **2nd (Y'all)** | **3rd (They)** | | |
| **Nominative** | oy | or | od | os | ol | + single affix for plurals – q?<br>+ single affix for reflexives | | | | |
| **Accusative** | doy | dor | dod | dos | dol | | | | | |
| **Dative** | soy | sor | sod | sos | sol | | | | | |
| **Ablative** | loy | lor | lod | los | lol | | | | | |
| **Genitive** | roy | ror | rod | ros | rol | | | | | |

Table 17.2: Constraint Map for All Potential Case Roles

| Name | Applicable to Nouns | Applicable to Verbs | Rare in Natural Languages | Infrequently Used | Complex Class | Affixable Multiple Times to a Single Word | Class Mixable Within a Single Word | Sensible In Repetitious Phrases | Singular Per Phrase (w/o Conjunctions) | Singular Per Clause |
|---|---|---|---|---|---|---|---|---|---|---|
| **Noun Cases** | | | | | | | | | | |
| **Person** | √ | | | | √ | | | | | |
| **Genitive** | √ | | | | | | | | | |
| Genitive Case | √ | | | | | | | | | |
| Possessed | √ | | | | | | | | | |
| Possessive | √ | | | | | | | | √ | |
| Inherently Possessed | √ | | √ | √ | | | | | | |
| **Markedness** | √ | | | | √ | | | | | |
| Nominative | √ | √ | | | | | | | √ | √ |
| Accusative | √ | √ | | | | | | | √ | √ |
| Dative | √ | √ | | | | | | | √ | √ |
| Ablative | √ | √ | | | | | | | √ | √ |
| **Semantic** | √ | | | | | | | √ | | |
| Semantic - Abstract vs. Concrete | √ | √ | | | | | | √ | | |
| Semantic - Animacy | √ | √ | | | √ | | | √ | | |
| **Semantic Classification** | √ | √ | | | √ | √ | √ | √ | | |
| Superclass | √ | √ | | | √ | √ | √ | √ | | |
| Subclass | √ | √ | | | √ | √ | √ | √ | | |
| **Valency** | √ | √ | √ | | | | | | | |
| **Numeric** | √ | | | | √ | √ | √ | √ | | |
| Number/Plurality | √ | | | | | | √ | √ | | |
| Quantifiers | √ | | | | √ | | | √ | | |
| Partitive | √ | | | | √ | | √ | √ | | |
| Distributive | √ | | | | | | √ | | | |
| Countability | √ | | √ | √ | | | | | | |
| **Negation (no vs. Yes)** | √ | √ | | | | | | | | |
| **Conjunctive** | √ | | | | | | | √ | | |
| Conjunctive (and) | √ | √ | | | | | | √ | | |
| Conjunctive (or) | √ | √ | | | | | | √ | | |
| Causal (because) | √ | √ | | | | | | | | |
| Comitative, Sociative (with, together) | √ | | | | | | | √ | | |
| Privative, Absessive (without) | √ | | | | | | | √ | | |
| Other Subordinating Conjunctions | √ | | | | | | | | | |
| **Specificational** | √ | | | | | | | √ (some) | | |
| This/The | √ | | | | | | | | √ | |
| That | √ | | | | | | | | √ | |
| A | √ | | | | | | | √ | √ | |
| **Instrumental** | √ | √ | | | | | | | | |
| Instrumental (by means of) | √ | √ | | | | | | | | |
| Instructive (how) | √ | √ | | | | | | | | |
| **Motion and Position** | | | | | √ | √ | √ | √ | | |
| Motion From | √ | | | | √ | √ | √ | √ | Exactly 2 | |
| Motion To | √ | | | | √ | √ | √ | √ | Exactly 2 | |
| Motion Via | √ | | | | √ | √ | √ | √ | Exactly 2 | |
| Locative | √ | | | | √ | √ | √ | √ | √ | |
| Temporal | √ | √ | | | √ | √ | √ | √ | √ | |
| **Verb Conjugation** | | | | | | | | | | |
| **Stative** | √ | √ | | | | | | | | |
| Semblative/Similative, Equative, Comparative (like) | √ | | | | | | | | √ | |
| Identical, Adverbial (is, being) | √ | √ | | | | | | | √ | |
| Essive (as a…) | √ | | | | | | | | √ | |
| Translative (turning into a…) | √ | | √ | | | | | | √ | |
| **Tense** | | √ | | | | | | | | |
| Past | | √ | | | √ | | | √ | | |
| Present | | √ | | | √ | | | √ | | |
| Future | | √ | | | √ | | | √ | | |
| **Aspect** | | √ | | | | | | | | |
| Progressive/Continuous | | √ | | | | | | √ | | |
| Stative | | √ | | | | | | √ | | |
| **Mood** | | √ | | | √ | | √ | √ | | |
| Conditional | | √ | | | √ | | √ | √ | | |
| Deontic | | √ | | | √ | | √ | √ | | |
| Imperative | | √ | | | √ | | √ | √ | | |
| Epistemic | | √ | | | √ | | √ | √ | | |
| **Voice** | | √ | | | √ | | √ | | | |
| Active | | √ | | | | | √ | | | |
| Passive | | √ | | | | | √ | | | |
| Anti-Passive | | √ | √ | | | | √ | | | |
| Middle | | √ | √ | | | | √ | | | |
| Causative | | √ | √ | | | | √ | | | |
| Cooperative | | √ | √ | | | | √ | | | |
| Intensive | | √ | √ | | | | √ | | | |
| Reciprocal | | √ | √ | | | | √ | | | |
| Reflexive | | √ | √ | | | | √ | | | |
| **Other** | | | | | | | | | | |
| **Attitude** | √ | | √ | | √ | | | | | |
| Benefactive | √ | √ | | | | | | | | |
| Aversive | √ | √ | | | | | | | | |
| Politeness Degree | √ | √ | √ | | | | | | | |
| Vocative | √ | √ | √ | √ | | | | | | |
| Purposive | √ | | | | | | | | | |
| Volitional | √ | | | | | | | | | |
| **Quotative** | √ | | √ | √ | | | | | | |

Table 17.3: Constraint Map for All Relevant Affix Types

| Encoding Slot or Affix Group Name | Repetition Count | Distinct Symbol Count | Common | Complex Class Required | Multiple Allowed in a Single Word | Diverse Members Allowed in Single Word | Repetitious Phrase Required | Noun Required |
|---|---|---|---|---|---|---|---|---|
| Outermost Optional [y o] Prefixes | 1 | 2 | | √ (Simple Required) | | | | √ |
| q | 1 | 1 | √ | √ (Simple Required) | | | √ | √ |
| [f p t k \| b] Prefix | 1 | 5 | √ | √ | | | | |
| [d l r s] Prefix | 1 | 5 | √ | √ | | | | |
| ([y o] \| a) Block | 1 | 3 | √ | √ (Simple Required) | | | | |
| c \| c s \| c[f p t k] + e$^{*,+}$ Sequence | 3 | 1 | √ | √ | √ | √ | | |
| e Infixes | 4 | 1 | √ | √ | √ | | | |
| i Infixes | 4 | 1 | √ | √ | √ | | | |
| [d l r s m g \| f p t k \| n] Trailing Consonants | | | | | | | | |
| [d l r s m g] Suffixes | 4 | 7 | | √ | √ | √ | | |
| [y o \| a] Suffix Block | 1 | 2 | | √ (Simple Required) | | | | |
| **[f p t k]-Infix Extensions** | | | | | | | | |
| c-Sequence + [s \| f p t k \| b] | 1 | 5 | √ | √ | √ | √ | | |
| d[f p t k] | 1 | 5 | | | | | | |
| l[f p t k] | 1 | 5 | | | | | | |
| r[f p t k] | 1 | 5 | | | | | | |
| s[f p t k] | 1 | 5 | | | | | | |
| q[f p t k] | 1 | 5 | | | | | | |
| **Purely Semantic [f p t k]-Infix Extensions** | | | | | | | | |
| [y o \| a][f p t k] | 1 | 6 | √ | √ | | | | |
| [y o \| a][d l r s] | 1 | 6 | √ | √ | | | | |
| [y o][d l r s][f p t k] | 1 | 7 | √ | √ | | | | |

Table 17.4: Map of Permissible Affix-Case Role Matches

| Name | Rigid Word Order | Particle Model | q | [fptk] Prefix | [dlrs] Prefixes | Initial (yo \| a) Block | c[s] Infixes | c[fptk] Infixes | i Infixes | [dlrsmg] Suffixes | [yoa] Suffix Block |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Pronominals** | | √ **o[lr]** | | | √ **Verbs only** | | | | | | |
| **Genitive Case** Possessed vs. Possessive | √ **(unlikely)** | | | | √ **d only** | √ | | | | | √ |
| **Markedness Hierarchy** | √ | | | | √ **Nouns or Verbs only** | | | | | | |
| **Numeric** | | | | | | | | | √ | | |
| Number/Plurality | | | | | √ **d only** | √ | | | | | √ **Nouns only** |
| Quantifiers | | | | √ | | √ **some \| all** | | √ | √ | | |
| **Negation** | | | | | √ **l only** | | √ | | | | |
| **Conjunctive** | | | | | | | | | | | |
| Conjunctive (and) | | | √ | | | | | | | | |
| Conjunctive (or) | | | | | √ **l only** | | | | | | |
| Causal (because) | | | | | √ **[ds] only** | | | | | √ **(augmented)** | |
| Contrastive (but) | | | | | √ **[ds] only** | | | | | √ **(augmented)** | |
| Relative/Interrogative Markers | | | | | √ **[lr] only** | | | | | √ **(augmented)** | |
| **Specificational** | | | | | | | | | | | |
| This/The | | | | √ | | | | | | | |
| That | | | | √ | | | | | | | |
| A | | | √ | √ | √ **l only** | | | | | | |
| **Instrumental** | | | | | | | | | | | |
| Instrumental (by means of/for) | | | | | √ **d only** | √ **with y-Genitive** | | | | | √ **Nouns only?** |
| Instructive (how) | | | | | | | | | | | |
| Purposive (for) | | | | | √ **d only** | | | | | | |
| **Spatio-Temporal** | | | | | | | | | | | |
| in/on/at/by | | | | | √ **d + Verbs only** | | | | | √ **(augmented)** | √ **Nouns only?** |
| to | | | | | √ **s + Verbs only** | | | | | √ **(augmented)** | |
| less common Spatio-Temporal | | | | | √ **[lr] + Verbs only** | | | | | √ | √ **[oa]** |
| **Verbs** | | | | | | | | | | | |
| **Tense** | | | | | | | | | | | |
| Future | | | | | √ **d only** | | | | √ | | |
| Past | | | | | √ **[lrs] only** | | | | √ | | |
| **Aspect** | | | | | | | | | | | |
| Progressive/Continuous | | | | | √ **d only** | | | | | | √ **Verbs only** |
| **Mood** | | | | | | | | | | | |
| Conditional | √ | | | | √ | | | | | | |
| Deontic | √ | | | | √ | | | | | | |
| Epistemic | √ | | | | √ | | | | | | |
| Imperative | √ | | | | √ **d only** | | | | | | √ **Verbs only** |
| **Voice** | | | | | | | | | | | |
| Reflexive | | | | | | | | | | | |
| Reciprocal | | | | | | | | | | | |
| **Attached Modals and Auxiliaries** | | | | | √ | | | | | | |
| **Adjectives, Adverbs** | | | | | | | | | | | |
| Superlative (very) | | | | | √ **[ds] split model** | | | | | | |
| Comparative (like) | | | | | √ **[ds] split model** | | | | | | |

Table 17.5: Initial Enumeration of Plausible Affix Combinations under the Tripartite Part-of-Speech Model

| [dlrs] Prefixes | [dlrsmg] Suffixes | [yoa] Suffix Block | Initial (yo \| a) Block | Omitted |
|---|---|---|---|---|
| Verbs (d = Future/Imperative, s= Past)<br>Nouns (d = Purposive *for*)<br>Adjectives ([ds] = like, very)<br>l = OR | Spatio-Temporal (augmented) | Verbs (y = Progressive/Continuous)<br>Nouns (y = Plurality) | Genitive + Instrumental | Subordinators, Relative/Interrogatives |
| Verbs (d = Future/Imperative, s= Past)<br>Nouns (d = Plurals)<br>Adjectives ([ds] = like, very)<br>l = OR | Spatio-Temporal<br>Single-letter versions = Subordinators, Relative/Interrogatives | Verbs (y = Progressive/Continuous)<br>Nouns (y = Locative, [oa] = *to/from*) | Genitive + Instrumental | Purposive *for* |
| Verbs (d = Future/Imperative, s= Past)<br>Nouns (d = Purposive *for*)<br>Adjectives ([ds] = like, very)<br>l = OR | Spatio-Temporal (augmented) | Verbs (y = Progressive/Continuous)<br>Nouns (y = Genitive + Instrumental) | Plural + *some, all* | Subordinators, Relative/Interrogatives |
| Verbs (d = Future/Imperative, s= Past)<br>Nouns (d = Locative, s= *to*, r = *from*)<br>Adjectives ([ds] = like, very)<br>l = OR | Spatio-Temporal<br>Single-letter versions = Subordinators, Relative/Interrogatives | Verbs (y = Progressive/Continuous)<br>Nouns (y = Genitive + Instrumental, or = Purposive *for?*) | Plural + *some, all* | |
| Verbs (d = Future/Imperative, s= Past)<br>Nouns (d = Genitive)<br>Adjectives ([ds] = like, very)<br>l = OR | Spatio-Temporal<br>Single-letter versions = Subordinators, Relative/Interrogatives | Verbs (y = Progressive/Continuous)<br>Nouns (y = Locative, [oa] = *to/from*) | Plural + *some, all* | Purposive *for*<br>Instrumental case |
| Verbs (d = *-ing*, s= Future, r = Past)<br>Nouns<br>Adjectives ([ds] = like, very)<br>l = OR | | | | |
| Spatio-temporals on Verbs (d = Locative, s= *to*, r = *from*)<br>Nouns<br>Adjectives ([ds] = like, very)<br>l = OR | | | | |
| The Mood hierarchy (d = Imperative, s = Conditional) | | | | |
| Subordinators ([ds] = Causal, Contrastive, [lr] = Relative/Interrogatives) | | | | |
| Attached Modals and Auxiliaries | | | | |

Table 17.6: Preferred Affix-Function Mapping that Best Minimizes Constraint Violations

| Name | |
|---|---|
| **Derivational** | |
| Noun | o |
| Verb | a |
| Modifier | None (but usually -y) |
| **Derivational Compounding** | |
| Noun ← Adjective (-ish?) | o ← y |
| Verb ←Adjective (*to redden* etc.) vs. Adverb | a ← y |
| Noun ← Verb (-ize?) | o ← a |
| **Semantic** | |
| Superclass Specifier | c-sequences, possibly c[s \| fptk]- |
| Subtype/Subclass | Trailing -[dlrsmg] consonants |
| Individual Item Identifiers | [ei] in some cases? |
| **Markedness Hierarchy** | |
| Subject | Unmarked with Rigid SOV word order |
| Direct Object | |
| Indirect Object | |
| **Pronominals** | |
| It | o- (it) |
| She/He | ol-, or- less likely (too many of them for *he/she* etc.) |
| **Genitive Case** | |
| probably dependent-marked on the Possessor | y- vs. -y |
| **Numeric** | |
| Singular | unmarked (no –[yo] suffix) |
| Few | -o? |
| Many/Multiple/Plurality + Collective | y- vs. -y |
| Quantifiers - All | c[fptk \| lr] member vs. d-prefixes on Nouns vs. -y |
| Quantifiers - Other | c[fptk \| lr] member vs. l-prefixes on Nouns as "some" vs. -o |
| Quantifiers - None | cs vs. s-prefixes on Nouns vs. –a? |
| **Enumerators** | |
| Numeric/Partitive Case | e vs. i |
| ? | i – strength of action/adverbial in *okaiil*, etc.? |
| Sequence/Comitative-Sociative "with" | q- |
| **Negation** | |
| No, none, never, except, the aversive case ("bad") | s (vs. d-) |
| **Conjunctive** | |
| And (moreover, furthermore, also, in addition to) | q |
| Or (which, could) | l |
| Contrastive (but) | c-sequences + s as *except* |
| Causal (because) | c \| cs + $e^{0-4}$[lr] |
| Relative/Interrogative Markers | c \| cs + $e^{0-4}$[lr] |
| **Specificational** | |
| This/The | [fptk]-? |
| That | [fptk]-? |
| A/An/Another | q- |
| **Instrumental** | |
| Instrumental (by means of/for) and Purposive (for) + other clause governance, like since, because, therefore | 1 member of [fptk]- vs. -y on nouns = *of*, intersecting the genitive? |
| Instructive (how) | 1 member of [fptk]- vs. -o maybe??? |
| **Spatio-Temporal** | [dlrsmg] |
| in/on/at/by | -d |
| to | ? |
| up | -l |
| down | -r |
| furthest, not at, away etc. | -s |
| out from vs. into/inside | -[mg] |
| less common Spatio-Temporal | j |
| **Verbs** | |
| **Tense** | |
| Future (must, should) | d- |
| Present | default unmarked? l- as an intermediate "choice" on the scale as well vs. ability |
| Past | r- |
| Never (must not do, do not, never) | s- |
| **Mood** | |
| Conditional | verb inversion vs. [fptk]- |
| Deontic | default unmarked? |
| Epistemic | default unmarked? |
| Imperative | d- (must/imperative) more likely than [fptk]- or verb inversion |
| **Attitude** | |
| Benefactive (good) | d- |
| Aversive (bad) | s- |
| **Aspect** | |
| Progressive/Continuous | -y on verbs? |
| **Voice** | |
| Reflexive | -o, -a suffixes on verbs a leftover option? |
| Reciprocal | -o, -a suffixes on verbs a leftover option? |
| **Attached Modals and Auxiliaries** | |
| | a-prefixes the closest thing |
| **Adjectives, Adverbs** | |
| Superlative (very) | d- (affirmative as *very*?) vs. y-Base repetitions |
| Comparative (like) | -y base??? |

Table 17.7: All 107 Possible [yo] → a Substitutions in the Initial Positions of Noun Candidates in Version #29

| Word | Possible Noun Base | Word Count 1 | Word Count 2 | Noun Group | Word | Possible Noun Base | Word Count 1 | Word Count 2 | Noun Group |
|---|---|---|---|---|---|---|---|---|---|
| aral | oral | 16 | 10 | o[lr] | airal | oiral | 2 | 1 | o[lr] |
| arol | orol | 13 | 15 | o[lr] | alcedy | ylcedy | 2 | 1 | o[lr] |
| aldy | oldy | 11 | 28 | o[lr] | akaiin | okaiin | 1 | 205 | [yo][fptk] |
| aram | oram | 11 | 8 | o[lr] | ataiin | otaiin | 1 | 148 | [yo][fptk] |
| araiin | oraiin | 9 | 37 | o[lr] | akain | okain | 1 | 141 | [yo][fptk] |
| alol | olol | 9 | 15 | o[lr] | akal | okal | 1 | 141 | [yo][fptk] |
| araiin | yraiin | 9 | 1 | o[lr] | akaiin | ykaiin | 1 | 45 | [yo][fptk] |
| arar | orar | 8 | 10 | o[lr] | ataiin | ytaiin | 1 | 42 | [yo][fptk] |
| alam | olam | 8 | 6 | o[lr] | alkeey | olkeey | 1 | 39 | o[lr] |
| alor | olor | 7 | 36 | o[lr] | akair | okair | 1 | 25 | [yo][fptk] |
| alkain | olkain | 7 | 31 | o[lr] | akceedy | okceedy | 1 | 25 | [yo][fptk] |
| alor | ylor | 7 | 1 | o[lr] | alcseedy | olcseedy | 1 | 23 | o[lr] |
| alar | olar | 6 | 14 | o[lr] | akal | ykal | 1 | 16 | [yo][fptk] |
| alkam | olkam | 6 | 10 | o[lr] | adal | odal | 1 | 16 | od |
| aror | oror | 6 | 6 | o[lr] | alkal | olkal | 1 | 12 | o[lr] |
| alody | olody | 6 | 1 | o[lr] | akain | ykain | 1 | 10 | [yo][fptk] |
| alar | ylar | 6 | 1 | o[lr] | akair | ykair | 1 | 8 | [yo][fptk] |
| alkaiin | olkaiin | 5 | 33 | o[lr] | ador | odor | 1 | 8 | od |
| alal | olal | 5 | 8 | o[lr] | akceedy | ykceedy | 1 | 7 | [yo][fptk] |
| alom | olom | 5 | 3 | o[lr] | alcsedy | olcsedy | 1 | 5 | o[lr] |
| alkaiin | ylkaiin | 5 | 2 | o[lr] | aldam | oldam | 1 | 5 | o[lr] |
| alkeedy | olkeedy | 4 | 42 | o[lr] | arair | orair | 1 | 5 | o[lr] |
| alceedy | olceedy | 4 | 38 | o[lr] | araiiin | oraiiin | 1 | 5 | o[lr] |
| alkar | olkar | 4 | 21 | o[lr] | alkcedy | olkcedy | 1 | 4 | o[lr] |
| als | ols | 4 | 18 | o[lr] | alkair | olkair | 1 | 4 | o[lr] |
| alain | olain | 4 | 14 | o[lr] | alkol | olkol | 1 | 3 | o[lr] |
| alcseey | olcseey | 4 | 11 | o[lr] | aleedy | oleedy | 1 | 3 | o[lr] |
| alcseey | ylcseey | 4 | 1 | o[lr] | alceed | olceed | 1 | 3 | o[lr] |
| arl | yrl | 4 | 1 | o[lr] | adal | ydal | 1 | 3 | od |
| alaiin | olaiin | 3 | 52 | o[lr] | araly | oraly | 1 | 3 | o[lr] |
| adar | odar | 3 | 23 | od | arary | orary | 1 | 2 | o[lr] |
| alky | olky | 3 | 23 | o[lr] | alsy | olsy | 1 | 2 | o[lr] |
| aldaiin | oldaiin | 3 | 9 | o[lr] | aloldy | ololdy | 1 | 2 | o[lr] |
| aldar | oldar | 3 | 5 | o[lr] | alols | olols | 1 | 2 | o[lr] |
| ald | old | 3 | 4 | o[lr] | acteedy | octeedy | 1 | 2 | o + c |
| adar | ydar | 3 | 1 | od | alalor | olalor | 1 | 2 | o[lr] |
| alaiin | ylaiin | 3 | 1 | o[lr] | alkeear | olkeear | 1 | 2 | o[lr] |
| aloly | ololy | 3 | 1 | o[lr] | alkeeol | olkeeol | 1 | 1 | o[lr] |
| akar | okar | 2 | 138 | [yo][fptk] | alceeky | olceeky | 1 | 1 | o[lr] |
| akar | ykar | 2 | 36 | [yo][fptk] | alcseees | olcseees | 1 | 1 | o[lr] |
| arain | orain | 2 | 27 | o[lr] | alekeey | olekeey | 1 | 1 | o[lr] |
| alkedy | olkedy | 2 | 25 | o[lr] | alair | olair | 1 | 1 | o[lr] |
| alkey | olkey | 2 | 12 | o[lr] | akarar | okarar | 1 | 1 | [yo][fptk] |
| alcedy | olcedy | 2 | 8 | o[lr] | ador | ydor | 1 | 1 | od |
| adam | odam | 2 | 5 | od | aiinal | oiinal | 1 | 1 | on |
| alaiiin | olaiiin | 2 | 4 | o[lr] | ainaly | oinaly | 1 | 1 | on |
| alcsey | olcsey | 2 | 4 | o[lr] | alpcedy | olpcedy | 1 | 1 | o[lr] |
| aloiin | oloiin | 2 | 4 | o[lr] | amam | omam | 1 | 1 | om |
| alceor | olceor | 2 | 3 | o[lr] | arag | orag | 1 | 1 | o[lr] |
| alos | olos | 2 | 2 | o[lr] | arcseey | yrcseey | 1 | 1 | o[lr] |
| ariin | oriin | 2 | 1 | o[lr] | arg | org | 1 | 1 | o[lr] |
| alg | ylg | 2 | 1 | o[lr] | aran | oran | 1 | 1 | o[lr] |
| adam | ydam | 2 | 1 | od | arald | orald | 1 | 1 | o[lr] |
| | | | | | axor | oxor | 1 | 1 | ox |

Table 17.8: Top 50 Noun Candidates n Version #29 Not Suffixable by *y*

| Rank | Word | Missing Product | Word Count | Rank | Word | Missing Product | Word Count |
|---|---|---|---|---|---|---|---|
| 1 | qokain | qokainy | 272 | 25 | odar | odary | 23 |
| 2 | qokaiin | qokaiiny | 258 | 25 | om | omy | 23 |
| 3 | okaiin | okaiiny | 205 | 25 | qoaiin | qoaiiny | 23 |
| 4 | otaiin | otaiiny | 148 | 29 | otair | otairy | 22 |
| 5 | qotaiin | qotaiiny | 80 | 29 | okam | okamy | 22 |
| 6 | qotain | qotainy | 64 | 29 | cseodaiin | cseodaiiny | 22 |
| 7 | odaiin | odaiiny | 59 | 32 | olkar | olkary | 21 |
| 8 | cseeor | cseeory | 48 | 32 | qor | qory | 21 |
| 9 | ykaiin | ykaiiny | 45 | 34 | doiin | doiiny | 20 |
| 10 | ceodaiin | ceodaiiny | 44 | 34 | okceor | okceory | 20 |
| 11 | ytaiin | ytaiiny | 42 | 34 | ydaiin | ydaiiny | 20 |
| 12 | qodaiin | qodaiiny | 38 | 34 | kceor | kceory | 20 |
| 13 | olor | olory | 36 | 38 | odain | odainy | 19 |
| 14 | qokor | qokory | 35 | 39 | soiin | soiiny | 18 |
| 15 | olkaiin | olkaiiny | 33 | 39 | otceor | otceory | 18 |
| 15 | ceeos | ceeosy | 33 | 39 | qokceol | qokceoly | 18 |
| 17 | olkain | olkainy | 31 | 39 | qokair | qokairy | 18 |
| 18 | qotor | qotory | 29 | 39 | oar | oary | 18 |
| 18 | oteos | oteosy | 29 | 44 | cseeos | cseeosy | 17 |
| 20 | otceol | otceoly | 28 | 45 | yceeo | yceeoy | 15 |
| 21 | orain | orainy | 27 | 45 | yceor | yceory | 15 |
| 22 | qokam | qokamy | 26 | 45 | teol | teoly | 15 |
| 22 | dceor | dceory | 26 | 45 | qotceor | qotceory | 15 |
| 24 | oaiin | oaiiny | 24 | 45 | cteo | cteoy | 15 |
| 25 | qokeeo | qokeeoy | 23 | 45 | ceom | ceomy | 15 |

Table 17.9: Distribution of [dlrsmg] Adfixes by Part-of-Speech Assignments in Version #29

| Prefix | Distinct Word % (by Category) | Document % (by Category) | Suffix | Distinct Word % (by Category) | Document % (by Category) |
|---|---|---|---|---|---|
| **a-Bases** | | | | | |
| None | 62.58993 | 51.30174 | None | 76.97842 | 94.65955 |
| d | 13.84892 | 34.14553 | y | 14.74820 | 4.17223 |
| s | 6.65468 | 7.37650 | s | 1.97842 | 0.35047 |
| l | 12.58993 | 4.18892 | l | 1.79856 | 0.31709 |
| r | 3.77698 | 2.93725 | d | 1.97842 | 0.21696 |
| g | 0.53957 | 0.05007 | g | 1.43885 | 0.16689 |
| | | | r | 0.35971 | 0.05007 |
| | | | o | 0.35971 | 0.03338 |
| | | | e | 0.35971 | 0.03338 |
| **Nouns from a-Bases** | | | | | |
| None | 65.32508 | 65.07772 | None | 81.26935 | 81.65803 |
| d | 19.81424 | 21.45078 | y | 16.09907 | 16.58031 |
| s | 6.96594 | 6.83938 | l | 0.61920 | 0.41451 |
| l | 4.64396 | 3.62694 | d | 0.46440 | 0.31088 |
| r | 3.25077 | 3.00518 | g | 0.30960 | 0.20725 |
| | | | o | 0.30960 | 0.20725 |
| | | | r | 0.30960 | 0.20725 |
| | | | s | 0.30960 | 0.20725 |
| | | | m | 0.15480 | 0.10363 |
| | | | e | 0.15480 | 0.10363 |
| **Noun** | | | | | |
| None | 86.78709 | 92.03809 | None | 72.45359 | 75.45739 |
| d | 5.63639 | 3.43870 | y | 21.49189 | 22.02971 |
| l | 3.41194 | 2.23075 | o | 1.52199 | 0.69215 |
| s | 3.24469 | 1.83397 | s | 1.20421 | 0.50258 |
| r | 0.91989 | 0.45849 | l | 0.98679 | 0.47172 |
| | | | e | 0.65228 | 0.27333 |
| | | | d | 0.71918 | 0.22925 |
| | | | r | 0.33450 | 0.16312 |
| | | | g | 0.36795 | 0.10581 |
| | | | m | 0.26760 | 0.07495 |
| **[yo][fptk] Noun Subset** | | | | | |
| None | 91.94188 | 98.74364 | None | 73.71202 | 62.65331 |
| d | 3.69881 | 0.59827 | y | 24.17437 | 36.47921 |
| s | 2.64201 | 0.37392 | o | 1.18890 | 0.61322 |
| l | 1.18890 | 0.22435 | l | 0.52840 | 0.20939 |
| r | 0.52840 | 0.05983 | d | 0.26420 | 0.02991 |
| | | | g | 0.13210 | 0.01496 |
| **[yo][dlrsmg] Noun Subset** | | | | | |
| None | 78.72517 | 85.91276 | None | 49.91722 | 75.94861 |
| d | 8.11258 | 6.18464 | y | 39.07285 | 21.13833 |
| s | 5.62914 | 3.64506 | s | 3.47682 | 1.09053 |
| l | 5.62914 | 3.28653 | o | 1.65563 | 0.49298 |
| r | 1.90397 | 0.97102 | l | 1.82119 | 0.43322 |
| | | | d | 1.90397 | 0.40335 |
| | | | r | 0.74503 | 0.22408 |
| | | | g | 0.74503 | 0.14939 |
| | | | m | 0.66225 | 0.11951 |
| **y-Base** | | | | | |
| None | 59.01060 | 77.34292 | None | | |
| l | 15.19435 | 9.90057 | | | |
| d | 12.36749 | 9.73133 | | | |
| s | 7.06714 | 1.71356 | | | |
| r | 6.00707 | 1.29046 | | | |
| g | 0.35336 | 0.02116 | | | |
| **Possible Noun + c Compound** | | | | | |
| None | 85.27778 | 95.83333 | None | | |
| s | 5.27778 | 1.86966 | | | |
| d | 6.66667 | 1.70940 | | | |
| r | 1.94444 | 0.42735 | | | |
| l | 0.83333 | 0.16026 | | | |
| **cees Relatives** | | | | | |
| None | 61.17647 | 84.42368 | None | | |
| l | 20.00000 | 8.72274 | | | |
| d | 8.23529 | 3.11526 | | | |
| r | 8.23529 | 2.80374 | | | |
| s | 2.35294 | 0.93458 | | | |

Table 18.1: Granularity Levels for Semantic Property Comparisons

| | Level | # per Word | vs. Distinct Word Count | Distinct |
|---|---|---|---|---|
| 0 | Symbol | 1:M | | Fewest |
| 1 | Polygraph | 1:M | | Fewer (except when incorporating Length) |
| 2 | Generator Statements | 1:M | 1:M (many words will be different) | Fewer |
| 3 | Words | 1:1 | 1:1 | |
| 4 | Comprehensive Generator Statements | 1:1 | 1:M (a few words will have the same) | More |
| 5 | Realization Groups | 1:1 | 1:M (a few words will have the same) | Fewer |
| 6 | Realization Group Parent Definitions | 1:1 | 1:M (more words will have the same) | More |
| 7 | Grammar Groups | 1:1 | 1:M (more words will have the same) | |
| 8 | Phrase | M:1 | | Many (esp. by Length) |
| 9 | Paragraph, Figure Caption or Paragraph Label | M:1 | | |
| 10 | Page | M:1 | | |
| 11 | Subsection | M:1 | | |
| 12 | Section | M:1 | | |

Table 18.2: Thematic Nouns in the Top 300 of *Materia Medica*

| Rank | Word | # | Category | Spatial Type | Temporal Type | Agent | Repeatable | Mensural | Collective | Countability | Possessor | Possessable | Inherently Possessed |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | drink | 767 | Alimentary, Medicinal | Independently Locatable | Elements | √ | | | | 1:M | | v | |
| 21 | leaves | 761 | Flora | Parented but Separable | Elements | | | | √ | 1:M | √ | √ | √ |
| 33 | wine | 530 | Alimentary | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | | √ | |
| 34 | water | 524 | Liquid, Balneological, Flora | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | √ | √ | |
| 37 | root | 487 | Flora | Parented but Separable | Elements | | | | √ | 1:M | √ | √ | |
| 40 | honey | 430 | Alimentary, Medicinal | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | | √ | |
| 48 | seed | 353 | Flora | Parented but Separable | Elements | | | | √ | 1:M | √ | √ | |
| 56 | decoction | 298 | Spagyrics | Independently Locatable | Products | √ | | | | 1:M | | √ | |
| 58 | juice | 284 | Alimentary, Medicinal | Independently Locatable | Elements | | | | √ | 1:M | | √ | |
| 58 | vinegar | 284 | Alimentary, Medicinal | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | | √ | |
| 64 | oil | 251 | Alimentary, Medicinal | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | | √ | |
| 69 | stomach | 246 | Anatomical | Parented | Targets | | | | | 1:1 | | √ | √ |
| 72 | Romans | 239 | Location - Place of Origin | Independently Locatable, Origin Implied | Fixed | | | | √ | 1:M | √ | | |
| 76 | astringent | 227 | Medicinal | Independently Locatable | Products | √ | √ | | √ | 1:M | | √ | |
| 76 | colour | 227 | Color | Parented | Changeable Properties | | | | | 1:M | | √ | |
| 78 | ulcers | 217 | Pathology | Parented | Targets | | | | √ | 1:M | | √ | |
| 83 | stalk | 205 | Flora | Parented but Separable | Elements | | | | √ | 1:M | √ | √ | |
| 84 | places | 204 | Location - Place | Inherently Located | Fixed | | | | | 1:M | √ | √ | √ |
| 87 | flowers | 199 | Flora | Parented but Separable | Elements | | | | √ | 1:M | | √ | |
| 92 | inflammation | 178 | Pathology | Independently Locatable | Targets | | | | √ | 1:M | | √ | |
| 92 | jar | 178 | Spagyrics | Independently Locatable | Products | √ | | | | 1:M | √ | √ | |
| 94 | bowels | 176 | Anatomical | Parented but Separable | Targets | | | | | 1:1 | | √ | √ |
| 103 | herb | 166 | Flora | Independently Locatable | Elements | √ | √ | | √ | 1:M | | √ | |
| 105 | smell | 164 | Sensory | Parented | Changeable Properties | | | | | 1:1 | | √ | √ |
| 106 | taste | 163 | Sensory | Parented | Changeable Properties | | | | | 1:M | | √ | |
| 112 | discharges | 161 | Pathology | Independently Locatable | Targets | | | | | 1:M | | √ | |
| 119 | eyes | 149 | Anatomical | Parented but Separable | Targets | | | | √ | 1:2 | | √ | √ |
| 130 | blood | 135 | Liquid, Anatomical, Medicinal | Parented but not Locatable | Targets | | | | √ | 1:1 | | √ | √ |
| 134 | strength | 130 | Mensural | Parented but not Locatable | Targets | | | | | 1:M | | √ | √ |
| 135 | head | 127 | Anatomical | Parented but Separable | Targets | | | | | 1:1 | | √ | √ |
| 137 | intestines | 126 | Anatomical | Parented but Separable | Targets | | | | √ | 1:1 | | √ | |
| 137 | roots | 126 | Flora | Parented but Separable | Elements | | | | √ | 1:M | √ | √ | |
| 139 | medicines | 125 | Medicinal | Attachable | Targets | √ | | | √ | 1:M | √ | √ | |
| 141 | flower | 124 | Flora | Parented but Separable | Elements | | | | √ | 1:M | √ | √ | |
| 151 | branches | 117 | Flora, Composition | Parented but Separable | Elements | √ | √ | | √ | 1:M | | √ | √ |
| 154 | salt | 116 | Alimentary, Medicinal, Spagyrics, Mineral | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | | √ | |
| 156 | tree | 115 | Flora | Independently Locatable | Elements | | | | √ | 1:M | v | √ | |
| 163 | Egyptians | 109 | Location - Place of Origin | Independently Locatable, Origin Implied | Fixed | | | | √ | 1:M | v | | |
| 165 | liquid | 107 | Liquid | Independently Locatable | Elements | √ | | | √ | 1:M | | √ | |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 165 | disorders | 107 | Pathology | Attachable | Targets | √ | | | √ | 1:M | | √ | |
| 168 | cures | 106 | Medicinal | Attachable | Targets | √ | | | √ | 1:M | | √ | |
| 168 | days | 106 | Temporal | Not Locatable | Time | | | | | 1:M | | | |
| 170 | milk | 104 | Alimentary, Fauna | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | | √ | |
| 175 | Sun | 99 | Cosmological | Restricted Locatability | Fixed | √ | √ | | | 1 | √ | | |
| 180 | stalks | 96 | Flora | Parented but Separable | Elements | | | | √ | 1:M | | √ | |
| 182 | stones | 95 | Mineral | Independently Locatable | Elements | √ | | | √ | 1:M | √ | √ | |
| 183 | mouth | 92 | Anatomical | Parented | Targets | | | | | 1:1 | | √ | √ |
| 185 | ears | 89 | Anatomical | Parented but Separable | Targets | | | | √ | 1:2 | | √ | √ |
| 185 | shrub | 89 | Flora | Independently Locatable | Elements | | | | √ | 1:M | √ | √ | |
| 189 | urine | 88 | Pathology | Parented but Separable | Elements | | | | √ | 1:M | | √ | |
| 190 | skin | 87 | Medicinal | Parented | Targets | | | | | 1:1 | | √ | √ |
| 191 | kind | 86 | Composition | Parented but not Locatable | Changeable Properties | | | | | 1:M | | √ | √ |
| 193 | hair | 85 | Anatomical | Parented but Separable | Targets | | | | | 1:M | | √ | √ |
| 193 | womb | 85 | Anatomical | Parented | Targets | | | | | 1:1 | | √ | √ |
| 200 | time | 84 | Temporal | Not Locatable | Time | | | | √ | 1:M | | √ | |
| 204 | dysentery | 83 | Pathology | Parented | Targets | | | | √ | 1:M | | √ | |
| 208 | wounds | 81 | Pathology | Parented | Targets | | | | √ | 1:M | | √ | |
| 210 | place | 80 | Location - Place | Inherently Located | Fixed | | | | | 1:M | √ | √ | √ |
| 210 | jars | 80 | Spagyrics | Independently Locatable | Products | √ | | | | 1:M | √ | √ | |
| 213 | eye | 79 | Anatomical | Parented but Separable | Targets | | | | √ | 1:2 | | √ | √ |
| 220 | sea | 77 | Location - Place | Inherently Located | Fixed | | | | √ | 1:M | √ | √ | |
| 227 | snakes | 74 | Fauna | Independently Locatable | Elements | | | | √ | 1:M | √ | √ | |
| 229 | bites | 72 | Fauna, Medicinal, Pathology | Restricted Locatability | Targets | | | | √ | 1:M | | √ | |
| 232 | grains | 71 | Mensural | Independently Locatable | Fixed | | | | | 1:M | | √ | |
| 232 | coughs | 71 | Pathology | Parented | Targets | | | | √ | 1:M | | √ | |
| 232 | bark | 71 | Flora | Parented but Separable | Elements | | | | √ | 1:M | | √ | √ |
| 232 | bladder | 71 | Anatomical | Parented | Targets | | | | √ | 1:1 | | √ | √ |
| 232 | poultice | 71 | Medicinal | Independently Locatable | Products | √ | | | √ | 1:M | | √ | |
| 242 | urination | 70 | Medicinal | Independently Locatable | Targets | | | | √ | 1:M | | √ | |
| 246 | meal | 68 | Alimentary | Independently Locatable | Elements | | | | √ | 1:M | | √ | |
| 246 | rosaceum | 68 | Pathology | Parented | Targets | | | | √ | 1:M | | √ | |
| 246 | seeds | 68 | Flora | Parented but Separable | Elements | | | | | 1:M | √ | √ | |
| 253 | teaspoonfuls | 67 | Mensural | Parented | Fixed but Changeable | | | | | 1:M | | √ | √ |
| 256 | boil | 66 | Pathology, Spagyrics | Parented | Targets | | | | √ | 1:M | | √ | |
| 256 | Magi | 66 | Occult, Personal - Name | Independently Locatable, Origin Implied | Fixed | | | | √ | 1:M | √ | | |
| 256 | ointment | 66 | Medicinal | Independently Locatable | Products | √ | | | √ | 1:M | | √ | |
| 262 | sores | 65 | Pathology | Parented | Targets | | | | √ | 1:M | | √ | |
| 268 | abortifacient | 63 | Medicinal | Independently Locatable | Products | √ | √ | | √ | 1:M | | √ | |
| 268 | Africans | 63 | Location - Place of Origin | Independently Locatable, Origin Implied | Fixed | | | | √ | 1:M | √ | | |
| 274 | wax | 62 | Material | Independently Locatable | Elements | | | | √ | 1:M | | √ | |
| 274 | women | 62 | Personal | Inherently Located | Targets | √ | | | √ | 1:M | | √ | |
| 274 | spleen | 62 | Anatomical | Parented | Targets | | | | √ | 1:1 | | √ | √ |
| 274 | polenta | 62 | Alimentary | Independently Locatable | Elements | | | | | 1:M | | √ | |
| 274 | purges | 62 | Spagyrics, Medicinal, Occult | Independently Locatable | Action/Process | √ | √ | | | 1:M | | √ | |
| 274 | brass | 62 | Mineral | Independently Locatable | Elements | √ | √ | √ | | 1:M | | √ | |
| 282 | feet | 61 | Anatomical, Mensural | Parented but Separable | Targets | | | | √ | 1:2 | | √ | v |
| 282 | myrrh | 61 | Medicinal | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | | √ | |
| 282 | diuretic | 61 | Medicinal | Independently Locatable | Products | √ | √ | | √ | 1:M | | √ | |
| 282 | fire | 61 | Material | Independently Locatable | Elements | √ | √ | | √ | 1:M | √ | √ | |
| 282 | centimetres | 61 | Mensural | Inherently Located | Fixed | | | | | 1:M | | √ | |
| 282 | pains | 61 | Medicinal | Parented | Targets | | | | | 1:M | | √ | |
| 291 | creatures | 60 | Fauna | Independently Locatable | Elements | | | | | 1:M | | √ | |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 295 | flesh | 59 | Anatomical | Parented but Separable | Targets | | | | √ | 1:1 | | √ | |
| 295 | linen | 59 | Clothing | Inherently Located | Non-Creatable Intermediaries | | | | | 1:M | | √ | |
| 297 | earth | 58 | Cosmological, Mineral | Restricted Locatability | Fixed | √ | √ | | | 1 | √ | | |
| 297 | burns | 58 | Spagyrics, Balneological, Pathological | Parented | Targets | | | | | 1:M | | √ | |
| 303 | stone | 57 | Mineral | Independently Locatable | Elements | √ | | | √ | 1:M | √ | √ | |
| 307 | sciatica | 56 | Pathology | Parented | Targets | | | | √ | 1:M | | √ | |
| 308 | ointments | 55 | Medicinal | Independently Locatable | Products | | | | √ | 1:M | | √ | |
| 308 | fluids | 55 | Liquid | Independently Locatable | Elements | √ | | | √ | 1:M | | √ | |
| 311 | pitch | 54 | Material | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | | √ | |
| 314 | ground | 53 | Spagyrics, Mineral | Fixed Location | Fixed | | | | | 1:M | | √ | |

Table 18.3: Herbal-Positive Noun Candidates among the Top 300 Voynich Words

| | | | Section Affinity | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Rank** | **Word** | **#** | **0** | **1** | **2** | **3** | **4** | **5** | **6** |
| | **o[fptk]** | | | | | | | | |
| 49 | oty | 114 | -0.00539 | 0.14335 | 0.00816 | -0.00691 | -0.05807 | -0.07998 | -0.00117 |
| 57 | oky | 102 | 0.00432 | 0.22797 | -0.01544 | -0.05311 | 0.01098 | -0.16175 | -0.01297 |
| 59 | qokol | 99 | -0.00539 | 0.04024 | -0.06445 | 0.08029 | 0.13523 | -0.15326 | -0.03266 |
| 67 | qoty | 87 | -0.00539 | 0.06002 | -0.07804 | 0.15401 | -0.06669 | -0.05986 | -0.00404 |
| 67 | otol | 87 | -0.00539 | 0.11067 | 0.03864 | -0.03979 | 0.00307 | -0.12709 | 0.01988 |
| 76 | okol | 79 | 0.00666 | 0.02900 | 0.04410 | -0.08294 | 0.19837 | -0.16982 | -0.02537 |
| 99 | ykeey | 58 | -0.00539 | 0.00370 | 0.00414 | -0.06266 | 0.14997 | -0.06159 | -0.02818 |
| 122 | otam | 47 | -0.00539 | 0.00157 | -0.00614 | -0.13677 | -0.04542 | 0.08345 | 0.10870 |
| 122 | qotol | 47 | -0.00539 | 0.15051 | -0.09125 | 0.01217 | 0.01841 | -0.08677 | 0.00232 |
| 128 | ykaiin | 45 | 0.01683 | 0.05925 | -0.02364 | -0.13488 | -0.06669 | -0.12270 | 0.27182 |
| 135 | otor | 43 | -0.00539 | 0.15824 | 0.02384 | -0.08841 | -0.04397 | -0.07371 | 0.02940 |
| 140 | ytaiin | 42 | -0.00539 | 0.05254 | -0.11253 | -0.13281 | -0.06669 | -0.04570 | 0.31058 |
| 148 | oteol | 39 | 0.01961 | 0.05370 | 0.06247 | -0.10432 | 0.08331 | -0.05326 | -0.06151 |
| 160 | ceoky | 37 | -0.00539 | 0.28265 | 0.09800 | -0.17932 | 0.03857 | -0.19931 | -0.03519 |
| 163 | ykar | 36 | -0.00539 | 0.13613 | 0.04964 | -0.12527 | -0.03967 | -0.14312 | 0.12768 |
| 165 | ceoty | 35 | 0.02239 | 0.23148 | 0.02636 | -0.15155 | -0.03891 | -0.08381 | -0.00595 |
| 165 | qokor | 35 | -0.00539 | 0.03703 | -0.05697 | 0.01512 | 0.01664 | 0.02730 | -0.03373 |
| 165 | okor | 35 | -0.00539 | 0.16084 | -0.02681 | -0.12218 | 0.19045 | -0.19254 | -0.00437 |
| 197 | qotor | 29 | -0.00539 | 0.35887 | -0.11253 | -0.14484 | -0.06669 | -0.03688 | 0.00746 |
| 205 | otceol | 28 | 0.02909 | 0.53128 | -0.07804 | -0.17932 | 0.00227 | -0.27826 | -0.02703 |
| 231 | yty | 24 | -0.00539 | 0.37036 | 0.05414 | -0.13766 | -0.02503 | -0.23659 | -0.01984 |
| 243 | ytedy | 23 | -0.00539 | 0.22544 | -0.11253 | 0.16850 | -0.06669 | -0.23478 | 0.02545 |
| 254 | ykedy | 22 | -0.00539 | 0.22544 | -0.11253 | 0.12502 | -0.06669 | -0.14782 | -0.01803 |
| 254 | okam | 22 | -0.00539 | 0.31239 | -0.06905 | -0.17932 | -0.06669 | 0.02609 | -0.01803 |
| 279 | yky | 20 | -0.00539 | 0.30370 | 0.08747 | -0.17932 | -0.06669 | -0.17826 | 0.03849 |
| 279 | okceor | 20 | -0.00539 | 0.40370 | 0.03747 | -0.17932 | -0.06669 | -0.17826 | -0.01151 |
| 300 | ytal | 18 | -0.00539 | 0.07212 | 0.20326 | -0.02143 | -0.06669 | -0.27826 | 0.09638 |
| 300 | qokceol | 18 | -0.00539 | 0.48148 | -0.11253 | -0.17932 | -0.01114 | -0.11159 | -0.06151 |
| 300 | otceor | 18 | -0.00539 | 0.53703 | -0.05697 | -0.17932 | -0.01114 | -0.22270 | -0.06151 |
| | **o[dlrsmg]** | | | | | | | | |
| 6 | ceol | 388 | 0.01238 | 0.29761 | -0.04907 | -0.14379 | 0.04498 | -0.12597 | -0.03613 |
| 7 | or | 366 | 0.00261 | 0.04503 | -0.05919 | -0.00599 | 0.02397 | -0.10226 | 0.09582 |
| 21 | ceor | 209 | 0.00850 | 0.43055 | -0.07549 | -0.17469 | 0.03979 | -0.19029 | -0.03836 |
| 25 | cseol | 186 | 0.01048 | 0.29629 | -0.03316 | -0.07879 | -0.00849 | -0.15127 | -0.03506 |
| 49 | dol | 114 | -0.00539 | 0.11395 | -0.06979 | 0.11128 | 0.10425 | -0.20988 | -0.04442 |
| 60 | cseor | 97 | -0.00539 | 0.38737 | -0.06151 | -0.14871 | -0.01567 | -0.18642 | 0.03033 |
| 62 | ceeor | 95 | -0.00539 | 0.10166 | -0.00028 | -0.05687 | 0.16800 | -0.15581 | -0.05131 |
| 64 | ceody | 92 | -0.00539 | 0.20370 | -0.03644 | -0.16845 | 0.04200 | -0.02826 | -0.00716 |
| 82 | dor | 69 | 0.00812 | 0.28478 | -0.08550 | -0.07121 | 0.12250 | -0.21069 | -0.04800 |
| 96 | cteol | 59 | 0.01128 | 0.53703 | -0.09586 | -0.14599 | -0.00003 | -0.24492 | -0.06151 |
| 96 | odaiin | 59 | 0.01128 | 0.10370 | -0.01253 | -0.16266 | -0.00003 | -0.01159 | 0.07182 |
| 101 | sor | 56 | -0.00539 | 0.00194 | -0.04235 | 0.20664 | 0.03857 | -0.15545 | -0.04397 |
| 104 | cseody | 55 | 0.04915 | 0.23097 | -0.07616 | -0.16114 | -0.01215 | -0.06007 | 0.02940 |
| 115 | ody | 49 | -0.00539 | 0.15051 | 0.03641 | -0.11549 | 0.01841 | -0.19315 | 0.10870 |
| 118 | tol | 48 | -0.00539 | 0.08370 | 0.02747 | 0.04068 | -0.00669 | -0.15826 | 0.01849 |
| 131 | ceodaiin | 44 | 0.01734 | 0.20370 | -0.06707 | -0.15660 | 0.04694 | -0.00553 | -0.03878 |
| 131 | cteor | 44 | -0.00539 | 0.59259 | -0.09030 | -0.13488 | -0.04447 | -0.25603 | -0.06151 |
| 156 | qodaiin | 38 | -0.00539 | 0.08465 | -0.11253 | -0.15551 | -0.01907 | 0.10270 | 0.10516 |
| 160 | kol | 37 | 0.02093 | 0.28265 | -0.03358 | -0.12669 | 0.09120 | -0.17299 | -0.06151 |
| 165 | ceos | 35 | -0.00539 | 0.04656 | 0.03033 | -0.17932 | 0.16188 | 0.00746 | -0.06151 |
| 175 | ceeos | 33 | -0.00539 | 0.02723 | 0.06394 | -0.17932 | 0.10978 | 0.01586 | -0.03210 |
| 205 | os | 28 | -0.00539 | 0.04853 | 0.02540 | -0.14484 | 0.07124 | -0.10584 | 0.11090 |
| 216 | dceor | 26 | -0.00539 | 0.58831 | -0.03560 | -0.14086 | -0.06669 | -0.27826 | -0.06151 |
| 222 | dceol | 25 | -0.00539 | 0.39601 | 0.04132 | -0.10240 | -0.06669 | -0.23979 | -0.02305 |
| 231 | tor | 24 | -0.00539 | 0.24536 | -0.07086 | -0.01266 | 0.01664 | -0.19492 | 0.02182 |
| 231 | kor | 24 | 0.06868 | 0.25925 | -0.07549 | -0.14229 | 0.15553 | -0.24122 | -0.02447 |
| 243 | om | 23 | -0.00539 | 0.00805 | 0.01791 | -0.17932 | 0.06374 | 0.02609 | 0.06892 |
| 254 | cseodaiin | 22 | -0.00539 | 0.38552 | -0.06707 | -0.17932 | -0.06669 | -0.09644 | 0.02940 |
| 267 | kceol | 21 | -0.00539 | 0.56084 | -0.11253 | -0.13170 | -0.06669 | -0.23064 | -0.01389 |
| 267 | keody | 21 | -0.00539 | 0.15824 | 0.11475 | -0.17932 | 0.02422 | -0.14189 | 0.02940 |
| 279 | kceor | 20 | -0.00539 | 0.60370 | -0.11253 | -0.17932 | -0.01669 | -0.22826 | -0.06151 |
| 279 | ckeol | 20 | -0.00539 | 0.43097 | -0.02162 | -0.17932 | 0.11513 | -0.27826 | -0.06151 |
| 279 | ydaiin | 20 | -0.00539 | 0.22751 | 0.07795 | -0.13170 | 0.02855 | -0.13540 | -0.06151 |
| 279 | doiin | 20 | -0.00539 | 0.20370 | -0.06253 | -0.07932 | 0.13331 | -0.12826 | -0.06151 |
| 293 | odain | 19 | -0.00539 | 0.01949 | -0.05989 | -0.12669 | 0.03857 | 0.14280 | -0.00888 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 300 | cteody | 18 | -0.00539 | 0.42592 | -0.00141 | -0.17932 | 0.09997 | -0.27826 | -0.06151 |
| 300 | tceor | 18 | -0.00539 | 0.49317 | -0.05989 | -0.12669 | -0.01406 | -0.22562 | -0.06151 |
| 300 | keol | 18 | -0.00539 | 0.20370 | -0.01253 | -0.07932 | -0.06669 | 0.02174 | -0.06151 |
| 300 | soiin | 18 | -0.00539 | 0.05370 | -0.11253 | -0.02932 | 0.18331 | -0.02826 | -0.06151 |
| | **o** | | | | | | | | |
| 46 | cseo | 128 | 0.00988 | 0.44416 | -0.02092 | -0.17932 | -0.00562 | -0.19429 | -0.05388 |
| 73 | o | 81 | 0.00696 | 0.02469 | 0.23315 | -0.11759 | 0.00738 | -0.11776 | -0.03682 |
| 86 | ceo | 65 | -0.00539 | 0.33605 | 0.01983 | -0.17932 | 0.00684 | -0.11649 | -0.06151 |
| 128 | cseeo | 45 | 0.01589 | 0.02285 | -0.00614 | -0.15805 | 0.10352 | 0.04089 | -0.01896 |
| 180 | qo | 32 | -0.00539 | 0.08301 | -0.11253 | 0.13102 | -0.03221 | -0.00239 | -0.06151 |
| 231 | oaiin | 24 | -0.00539 | 0.12677 | 0.00286 | -0.17932 | 0.04869 | 0.02944 | -0.02305 |
| 243 | qoaiin | 23 | -0.00539 | 0.05152 | -0.06905 | -0.13584 | 0.06374 | 0.06957 | 0.02545 |
| | **[yo][fptk]← y-Base** | | | | | | | | |
| 83 | qokcey | 68 | -0.00539 | 0.32689 | -0.09803 | -0.07787 | -0.05220 | -0.06086 | -0.03252 |
| 94 | qotcey | 61 | -0.00539 | 0.52909 | -0.11253 | -0.13170 | -0.05082 | -0.18302 | -0.04564 |
| 104 | qokcedy | 55 | -0.00539 | 0.00727 | -0.07681 | 0.08853 | -0.06669 | -0.02826 | 0.08135 |
| 126 | otcey | 46 | -0.00539 | 0.34953 | 0.03331 | -0.09599 | -0.06669 | -0.19492 | -0.01984 |
| 148 | okcey | 39 | -0.00539 | 0.19088 | 0.16953 | -0.12804 | -0.04105 | -0.17569 | -0.01023 |
| 175 | okceey | 33 | 0.05522 | 0.09764 | -0.08222 | -0.05811 | -0.03639 | 0.05508 | -0.03121 |
| 190 | otceey | 30 | -0.00539 | 0.05854 | -0.01575 | -0.05029 | -0.06669 | 0.04433 | 0.03526 |
| 212 | otcedy | 27 | -0.00539 | 0.03703 | 0.03562 | -0.10525 | -0.06669 | 0.01804 | 0.08664 |
| 254 | ykcey | 22 | -0.00539 | 0.56733 | -0.06707 | -0.17932 | -0.02124 | -0.27826 | -0.01606 |
| 267 | qotceey | 21 | -0.00539 | 0.17738 | -0.11253 | -0.07406 | -0.06669 | 0.09017 | -0.00888 |
| 267 | okcedy | 21 | -0.00539 | 0.03703 | 0.03033 | -0.03647 | -0.06669 | -0.08778 | 0.12897 |
| 293 | ytcey | 19 | -0.00539 | 0.38791 | -0.00726 | -0.17932 | -0.01406 | -0.22562 | 0.04375 |
| | **o ← y-Base** | | | | | | | | |
| 254 | ceockey | 22 | -0.00539 | 0.00805 | 0.10487 | -0.17932 | 0.15070 | -0.01739 | -0.06151 |
| 300 | qockey | 18 | -0.00539 | 0.01949 | 0.04537 | -0.12669 | 0.30173 | -0.17299 | -0.06151 |

Table 18.4: Thematic Nouns in the Top 300 of the Spagyrics Reference

| Rank | Word | # | Category | Spatial Type | Temporal Type | Agent | Repeatable | Mensural | Collective | Countability | Possessor | Possessable | Inherently Possessed |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19 | water | 115 | Liquid, Balneological, Flora | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | √ | √ | |
| 21 | plants | 105 | Flora | Independently Locatable | Elements | √ | | | √ | 1:M | √ | √ | |
| 38 | plant | 62 | Flora | Independently Locatable | Elements | √ | | | √ | 1:M | | √ | |
| 50 | vegetable | 45 | Flora | Independently Locatable | Elements | | | | √ | 1:M | √ | √ | |
| 54 | elixir | 42 | Spagyrics | Independently Locatable | Products | √ | | | | 1:M | √ | √ | |
| 55 | salt | 41 | Mineral | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | √ | √ | |
| 58 | distillate | 40 | Spagyrics | Independently Locatable | Products | √ | | | | 1:M | | √ | |
| 60 | circulatum | 39 | Spagyrics | Independently Locatable | Non-Creatable Intermediaries | √ | | | | 1:M | | √ | |
| 64 | preparation | 37 | Spagyrics | Locatable Process | Action/Process | √ | | | | 1:M | | √ | |
| 64 | alcohol | 37 | Liquid | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | | √ | |
| 68 | spirit | 36 | Occult | Attachable | Fixed | √ | | | √ | 1:M | √ | √ | √ |
| 71 | distillation | 35 | Spagyrics | Locatable Process | Action/Process | √ | √ | | | 1:M | | √ | |
| 75 | days | 33 | Temporal | Not Locatable | Time | | | | | 1:M | | | |
| 80 | flask | 32 | Spagyrics | Independently Locatable | Products | √ | | | | 1:M | √ | √ | |
| 80 | spirits | 32 | Occult | Attachable | Fixed | √ | | | √ | 1:M | √ | √ | √ |
| 86 | heat | 30 | Temperature | Inherently Located | Elements | √ | √ | | √ | 1:M | | √ | |
| 86 | feces | 30 | Spagyrics | Independently Locatable | Creatable Intermediaries | √ | | | √ | 1:M | | √ | √ |
| 93 | stone | 28 | Mineral | Independently Locatable | Elements | √ | | | √ | 1:M | √ | √ | |
| 96 | parts | 27 | Composition | Parented | Changeable Properties | | | | | 1:M | √ | √ | √ |
| 96 | fire | 27 | Material | Independently Locatable | Elements | √ | √ | | √ | 1:M | √ | √ | |
| 100 | sulfur | 26 | Material | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | | √ | |
| 100 | ways | 26 | Composition | Parented but not Locatable | Action/Process | | | | | 1:M | | √ | √ |
| 104 | kingdom | 25 | Occult | Restricted Locatability | Fixed | | | | | 1:M | √ | √ | |
| 104 | body | 25 | Anatomical | Independently Locatable | Targets | | | | √ | 1:1 | √ | √ | √ |
| 109 | residue | 24 | Spagyrics | Independently Locatable | Products | √ | | | | 1:M | √ | √ | |
| 114 | oils | 23 | Liquid | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | | √ | |
| 114 | circulation | 23 | Spagyrics | Parented Process | Action/Process | √ | √ | | √ | 1:1 | | √ | |
| 119 | glass | 22 | Material | Independently Locatable | Elements | | | | √ | 1:M | √ | √ | |
| 119 | earth | 22 | Cosmological, Mineral | Restricted Locatability | Fixed | √ | √ | | | 1 | √ | | |
| 119 | wine | 22 | Liquid | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | | √ | |
| 119 | time | 22 | Temporal | Not Locatable | Time | | | | √ | 1:M | | √ | |
| 134 | extraction | 20 | Spagyrics | Locatable Process | Action/Process | √ | √ | | | 1:M | | √ | |
| 142 | child | 19 | Personal | Inherently Located | Targets | | | | √ | 1:M | | √ | |
| 142 | Nature | 19 | Occult | Not Locatable | Fixed | √ | √ | | | 1 | √ | | |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 142 | tinctures | 19 | Spagyrics | Independently Locatable | Products | √ | | | | 1:M | | √ | |
| 147 | process | 18 | Spagyrics | Locatable Process | Action/Process | √ | | | | 1:M | | √ | |
| 147 | Urbigerus | 18 | Personal - Name | Inherently Located | Fixed | | | | | 1 | √ | | |
| 147 | soul | 18 | Occult | Parented but not Locatable | Fixed | √ | | | √ | 1:M | | √ | √ |
| 147 | Clyssus | 18 | Personal - Name | Inherently Located | Fixed | | | | | 1 | √ | | |
| 154 | | 17 | Balneological | Inherently Located | Creatable Intermediaries | √ | √ | | | 1:M | | √ | |
| 154 | air | 17 | Material | Restricted Locatability | Elements | √ | √ | | √ | 1 | | | |
| 154 | essence | 17 | Spagyrics | Parented | Elements | √ | | | | 1:1 | | √ | √ |
| 154 | Mercury | 17 | Mineral, Cosmological | Restricted Locatability | Fixed | √ | √ | | √ | 1 | √ | | |
| 166 | quantity | 16 | Mensural | Parented | Fixed but Changeable | | | | | 1:M | | √ | √ |
| 166 | essences | 16 | Spagyrics | Parented | Elements | √ | | | √ | 1:1 | | √ | √ |
| 176 | god | 15 | Occult | Independently Locatable | Fixed | √ | | | | 1:M | √ | √ | |
| 176 | elixirs | 15 | Spagyrics | Independently Locatable | Products | √ | | | | 1:M | | √ | |
| 176 | herbs | 15 | Flora | Independently Locatable | Elements | √ | √ | | √ | 1:M | | √ | |
| 176 | power | 15 | Occult | Parented but not Locatable | Fixed | √ | | | | 1:M | | √ | √ |
| 176 | separation | 15 | Spagyrics | Locatable Process | Action/Process | √ | √ | | | 1:M | | √ | |
| 196 | principles | 14 | Thought | Not Locatable | Fixed | | | | √ | 1:M | | √ | |
| 196 | ash | 14 | Material | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | | √ | |
| 196 | elements | 14 | Material | Independently Locatable | Elements | √ | | | √ | 1:M | | √ | |
| 196 | container | 14 | Spagyrics | Independently Locatable | Products | √ | | | | 1:M | | √ | |
| 211 | fermentation | 13 | Spagyrics | Locatable Process | Action/Process | √ | √ | | | 1:M | | √ | |
| 211 | resin | 13 | Spagyrics | Independently Locatable | Products | √ | | | | 1:M | √ | √ | |
| 211 | hours | 13 | Temporal | Not Locatable | Time | | | | | 1:M | | | |
| 211 | month | 13 | Temporal | Not Locatable | Time | | | | | 1:M | | √ | √ |
| 226 | text | 12 | Thought | Parented | Fixed | | | | | 1:M | √ | √ | |
| 226 | world | 12 | Cosmological | Fixed Location | Fixed | | | | | 1 | √ | | |
| 226 | seed | 12 | Flora | Parented but Separable | Elements | | | | √ | 1:M | √ | √ | |
| 226 | Sun | 12 | Cosmological | Restricted Locatability | Fixed | √ | √ | | | 1 | √ | | |
| 226 | mixture | 12 | Spagyrics | Independently Locatable | Products | √ | | | | 1:M | √ | √ | |
| 226 | color | 12 | Color | Parented | Changeable Properties | | | | | 1:M | | √ | √ |
| 246 | digestion | 11 | Alimentary | Parented Process | Action/Process | | | | √ | 1:1 | | √ | |
| 246 | chapter | 11 | Thought | Parented | Fixed | | | | | 1:M | | √ | |
| 246 | kind | 11 | Composition | Parented but not Locatable | Changeable Properties | | | | | 1:M | | √ | √ |
| 246 | substance | 11 | Composition | Parented | Changeable Properties | | | | | 1:M | | √ | √ |
| 246 | substances | 11 | Composition | Parented | Changeable Properties | | | | | 1:M | | √ | √ |
| 246 | solution | 11 | Spagyrics, Labor | Independently Locatable | Products | √ | | | | 1:M | | √ | √ |
| 246 | maceration | 11 | Spagyrics | Locatable Process | Action/Process | √ | √ | | | 1:M | | √ | |
| 246 | tincture | 11 | Spagyrics | Independently Locatable | Products | √ | | | | 1:M | | √ | |
| 246 | man | 11 | Personal | Inherently Located | Targets | √ | | | √ | 1:M | √ | √ | |
| 246 | Paracelsus | 11 | Personal - Name | Inherently Located | Fixed | | | | | 1 | √ | | |
| 246 | species | 11 | Composition | Parented but not Locatable | Fixed | | | | | 1:M | √ | √ | √ |
| 246 | temperature | 11 | Temperature | Inherently Located | Elements | | | | √ | 1:1 | | √ | √ |
| 270 | temperatures | 10 | Temperature | Inherently Located | Elements | | | | √ | 1:1 | | √ | √ |
| 270 | rotation | 10 | Location - Directional | Inherently Located | Action/Process | √ | √ | | | 1:M | | √ | |
| 270 | place | 10 | Location - Place | Inherently Located | Fixed | | | | | 1:M | √ | √ | √ |
| 270 | method | 10 | Composition | Parented but not Locatable | Action/Process | | | | | 1:M | √ | √ | √ |
| 270 | experience | 10 | Thought | Attachable | Time | | | | | 1:M | | √ | √ |
| 270 | diseases | 10 | Pathology | Attachable | Targets | √ | | | √ | 1:M | | √ | |
| 298 | blood | 9 | Liquid, Anatomical, Medicinal | Parented but not Locatable | Targets | | | | √ | 1:1 | | √ | √ |
| 298 | balneum | 9 | Balneological | Inherently Located | Creatable Intermediaries | | | | | 1:M | | √ | |
| 298 | course | 9 | Location - Directional | Inherently Located | Action/Process | | | | | 1:M | | √ | √ |
| 298 | moisture | 9 | Liquid | Parented | Changeable Properties | | | | | 1:M | | √ | |
| 298 | jar | 9 | Spagyrics | Independently Locatable | Products | √ | | | | 1:M | √ | √ | |
| 298 | remains | 9 | Composition, Spatio- | Independently Locatable | Creatable Intermediaries | | | | | 1:M | | √ | |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Temporal | | | | | | | | | | |
| 298 | powers | 9 | Occult | Parented but not Locatable | Fixed | √ | | | √ | 1:M | | √ | √ |
| 298 | works | 9 | Labor | Parented | Action/Process | | | | | 1:M | | √ | |
| 326 | results | 8 | Labor | Parented | Targets | | | | | 1:M | | √ | √ |
| 326 | sense | 8 | Sensory | Parented | Changeable Properties | | | | | 1:M | | √ | |
| 326 | operation | 8 | Medicinal | Independently Locatable | Action/Process | √ | | | | 1:M | | √ | |
| 326 | salarmeniac | 8 | Spagyrics | Independently Locatable | Products | √ | √ | | | 1:M | | √ | |
| 326 | furnace | 8 | Balneological | Inherently Located | Creatable Intermediaries | | | | | 1:M | √ | √ | |
| 326 | flowers | 8 | Flora | Parented but Separable | Elements | | | | √ | 1:M | | √ | |
| 326 | honey | 8 | Material, Medicinal, Alimentary | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | | √ | |
| 326 | menstruum | 8 | Medicinal | Independently Locatable | Targets | | | | √ | 1:M | | √ | |
| 326 | figure | 8 | Composition | Parented | Changeable Properties | | | | √ | 1:1 | √ | √ | √ |
| 326 | methods | 8 | Composition | Parented but not Locatable | Action/Process | √ | | | | 1:M | √ | √ | √ |
| 326 | circulata | 8 | Spagyrics | Independently Locatable | Non-Creatable Intermediaries | √ | | | | 1:M | | √ | |
| 326 | instance | 8 | Spatio-Temporal | Independently Locatable | Time | | | | | 1:M | | √ | √ |
| 326 | manner | 8 | Composition | Parented but not Locatable | Action/Process | √ | | | √ | 1:M | | √ | √ |
| 326 | art | 8 | Art | Independently Locatable | Non-Creatable Intermediaries | | | | | 1:M | | √ | |
| 326 | corpus | 8 | Anatomical, Knowledge, Composition | Independently Locatable | Targets | | | | | 1:1 | | √ | √ |
| 326 | distillations | 8 | Spagyrics | Locatable Process | Action/Process | √ | √ | | | 1:M | | √ | |
| 326 | condenser | 8 | Spagyrics, Balneological | Independently Locatable | Non-Creatable Intermediaries | √ | | | | 1:M | | √ | |
| 326 | amount | 8 | Mensural | Parented | Fixed but Changeable | | | | | 1:M | | √ | √ |
| 326 | balsam | 8 | Material | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | | √ | |
| 326 | addition | 8 | Mensural | Parented Process | Action/Process | √ | | | | 1:M | | √ | |

Table 18.5: Noun Candidates with Positive Pharmacological Affinity among the Top 300 Voynich Words

| | | | Section Affinity | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Rank | Word | Count | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| 11 | qokeey | 305 | -0.00539 | -0.22767 | -0.07331 | 0.11153 | 0.00193 | 0.23482 | -0.04190 |
| 26 | okeey | 176 | -0.00539 | -0.21107 | 0.01816 | -0.07137 | 0.06967 | 0.26152 | -0.06151 |
| 52 | qokey | 108 | -0.00539 | -0.21373 | -0.07583 | 0.22435 | 0.03422 | 0.08872 | -0.05234 |
| 57 | oky | 102 | 0.00432 | 0.22797 | -0.01544 | -0.05311 | 0.01098 | -0.16175 | -0.01297 |
| 59 | qokol | 99 | -0.00539 | 0.04024 | -0.06445 | 0.08029 | 0.13523 | -0.15326 | -0.03266 |
| 67 | otol | 87 | -0.00539 | 0.11067 | 0.03864 | -0.03979 | 0.00307 | -0.12709 | 0.01988 |
| 76 | okol | 79 | 0.00666 | 0.02900 | 0.04410 | -0.08294 | 0.19837 | -0.16982 | -0.02537 |
| 89 | okey | 64 | -0.00539 | -0.12443 | 0.09060 | 0.00818 | 0.12081 | -0.02826 | -0.06151 |
| 89 | okeol | 64 | -0.00539 | -0.15784 | 0.04132 | -0.13317 | 0.39485 | -0.07826 | -0.06151 |
| 99 | ykeey | 58 | -0.00539 | 0.00370 | 0.00414 | -0.06266 | 0.14997 | -0.06159 | -0.02818 |
| 109 | qokeol | 51 | -0.00539 | -0.14536 | -0.03705 | -0.16045 | 0.40501 | -0.03297 | -0.02377 |
| 122 | qotol | 47 | -0.00539 | 0.15051 | -0.09125 | 0.01217 | 0.01841 | -0.08677 | 0.00232 |
| 148 | oteol | 39 | 0.01961 | 0.05370 | 0.06247 | -0.10432 | 0.08331 | -0.05326 | -0.06151 |
| 148 | oteody | 39 | -0.00539 | -0.19374 | 0.42594 | -0.17932 | 0.03587 | -0.07313 | -0.01023 |
| 148 | okeody | 39 | -0.00539 | -0.06553 | 0.29773 | -0.17932 | 0.11279 | -0.15005 | -0.01023 |
| 160 | ceoky | 37 | -0.00539 | 0.28265 | 0.09800 | -0.17932 | 0.03857 | -0.19931 | -0.03519 |
| 165 | ceos | 35 | -0.00539 | 0.04656 | 0.03033 | -0.17932 | 0.16188 | 0.00746 | -0.06151 |
| 165 | qokor | 35 | -0.00539 | 0.03703 | -0.05697 | 0.01512 | 0.01664 | 0.02730 | -0.03373 |
| 165 | okor | 35 | -0.00539 | 0.16084 | -0.02681 | -0.12218 | 0.19045 | -0.19254 | -0.00437 |
| 180 | qokeody | 32 | -0.00539 | -0.10880 | 0.07497 | -0.17932 | 0.37081 | -0.15326 | 0.00099 |
| 197 | oteos | 29 | 0.02909 | -0.19285 | 0.64609 | -0.17932 | 0.00227 | -0.24377 | -0.06151 |
| 205 | otceol | 28 | 0.02909 | 0.53128 | -0.07804 | -0.17932 | 0.00227 | -0.27826 | -0.02703 |
| 216 | qokeeey | 26 | -0.00539 | -0.21938 | -0.11253 | -0.02548 | 0.01023 | 0.33713 | 0.01541 |
| 216 | okeeey | 26 | -0.00539 | -0.14246 | -0.03560 | -0.17932 | 0.08715 | 0.26021 | 0.01541 |
| 254 | qokeor | 22 | -0.00539 | -0.15994 | -0.11253 | 0.09340 | 0.34240 | -0.09644 | -0.06151 |
| 267 | okeor | 21 | -0.00539 | -0.02357 | 0.20566 | -0.17932 | 0.20603 | -0.14189 | -0.06151 |
| 267 | okody | 21 | -0.00539 | -0.19104 | 0.25590 | -0.17932 | 0.09120 | -0.17299 | 0.20165 |
| 300 | okeeol | 18 | -0.00539 | -0.18519 | 0.10970 | -0.12377 | 0.32220 | -0.05603 | -0.06151 |
| | **o[dlrsmg]** | | | | | | | | |
| 2 | ol | 536 | -0.00357 | -0.12872 | -0.06517 | 0.24326 | 0.00435 | -0.07971 | 0.02956 |
| 6 | ceol | 388 | 0.01238 | 0.29761 | -0.04907 | -0.14379 | 0.04498 | -0.12597 | -0.03613 |
| 7 | or | 366 | 0.00261 | 0.04503 | -0.05919 | -0.00599 | 0.02397 | -0.10226 | 0.09582 |
| 21 | ceor | 209 | 0.00850 | 0.43055 | -0.07549 | -0.17469 | 0.03979 | -0.19029 | -0.03836 |
| 28 | ceeol | 165 | -0.00539 | -0.09512 | -0.02969 | -0.01956 | 0.16999 | 0.02944 | -0.04968 |
| 49 | dol | 114 | -0.00539 | 0.11395 | -0.06979 | 0.11128 | 0.10425 | -0.20988 | -0.04442 |
| 52 | cseeol | 108 | -0.00539 | -0.13559 | 0.01247 | 0.07961 | 0.10295 | -0.03718 | -0.01687 |
| 62 | ceeor | 95 | -0.00539 | 0.10166 | -0.00028 | -0.05687 | 0.16800 | -0.15581 | -0.05131 |
| 64 | ceody | 92 | -0.00539 | 0.20370 | -0.03644 | -0.16845 | 0.04200 | -0.02826 | -0.00716 |
| 70 | ceeody | 86 | -0.00539 | -0.05767 | 0.02384 | -0.17932 | 0.12649 | 0.09674 | -0.00469 |
| 79 | sol | 72 | -0.00539 | -0.10186 | -0.05697 | 0.37623 | 0.04442 | -0.20881 | -0.04762 |
| 82 | dor | 69 | 0.00812 | 0.28478 | -0.08550 | -0.07121 | 0.12250 | -0.21069 | -0.04800 |
| 101 | sor | 56 | -0.00539 | 0.00194 | -0.04235 | 0.20664 | 0.03857 | -0.15545 | -0.04397 |
| 107 | olaiin | 52 | -0.00539 | -0.10762 | 0.01955 | -0.06612 | 0.14085 | -0.01410 | 0.03283 |
| 112 | cseeody | 50 | -0.00539 | -0.01630 | 0.02747 | -0.17932 | 0.11331 | 0.02174 | 0.03849 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 115 | ody | 49 | -0.00539 | 0.15051 | 0.03641 | -0.11549 | 0.01841 | -0.19315 | 0.10870 |
| 118 | cseeor | 48 | -0.00539 | -0.02179 | -0.05370 | 0.03636 | 0.16860 | -0.06257 | -0.06151 |
| 131 | ceodaiin | 44 | 0.01734 | 0.20370 | -0.06707 | -0.15660 | 0.04694 | -0.00553 | -0.03878 |
| 160 | oraiin | 37 | -0.00539 | -0.13841 | -0.05989 | -0.12669 | 0.09120 | 0.06385 | 0.17533 |
| 160 | kol | 37 | 0.02093 | 0.28265 | -0.03358 | -0.12669 | 0.09120 | -0.17299 | -0.06151 |
| 175 | ceeos | 33 | -0.00539 | 0.02723 | 0.06394 | -0.17932 | 0.10978 | 0.01586 | -0.03210 |
| 205 | os | 28 | -0.00539 | 0.04853 | 0.02540 | -0.14484 | 0.07124 | -0.10584 | 0.11090 |
| 205 | oldy | 28 | -0.00539 | -0.04630 | -0.04110 | 0.21353 | 0.14759 | -0.20683 | -0.06151 |
| 212 | orain | 27 | -0.00539 | -0.11112 | -0.11253 | 0.04290 | 0.00738 | 0.20323 | -0.02447 |
| 231 | tor | 24 | -0.00539 | 0.24536 | -0.07086 | -0.01266 | 0.01664 | -0.19492 | 0.02182 |
| 231 | kor | 24 | 0.06868 | 0.25925 | -0.07549 | -0.14229 | 0.15553 | -0.24122 | -0.02447 |
| 243 | om | 23 | -0.00539 | 0.00805 | 0.01791 | -0.17932 | 0.06374 | 0.02609 | 0.06892 |
| 267 | keody | 21 | -0.00539 | 0.15824 | 0.11475 | -0.17932 | 0.02422 | -0.14189 | 0.02940 |
| 279 | ckeol | 20 | -0.00539 | 0.43097 | -0.02162 | -0.17932 | 0.11513 | -0.27826 | -0.06151 |
| 279 | ydaiin | 20 | -0.00539 | 0.22751 | 0.07795 | -0.13170 | 0.02855 | -0.13540 | -0.06151 |
| 293 | odain | 19 | -0.00539 | 0.01949 | -0.05989 | -0.12669 | 0.03857 | 0.14280 | -0.00888 |
| 300 | cteody | 18 | -0.00539 | 0.42592 | -0.00141 | -0.17932 | 0.09997 | -0.27826 | -0.06151 |
| 300 | ols | 18 | -0.00539 | -0.07408 | -0.00141 | 0.04290 | 0.15553 | -0.11159 | -0.00595 |
| | **oi$^4$n** | | | | | | | | |
| 175 | oiin | 33 | 0.02402 | -0.11983 | 0.00512 | 0.02656 | 0.10978 | 0.01586 | -0.06151 |
| 279 | doiin | 20 | -0.00539 | 0.20370 | -0.06253 | -0.07932 | 0.13331 | -0.12826 | -0.06151 |
| 300 | soiin | 18 | -0.00539 | 0.05370 | -0.11253 | -0.02932 | 0.18331 | -0.02826 | -0.06151 |
| | **o** | | | | | | | | |
| 73 | o | 81 | 0.00696 | 0.02469 | 0.23315 | -0.11759 | 0.00738 | -0.11776 | -0.03682 |
| 85 | ceeo | 66 | -0.00539 | -0.05388 | 0.02384 | -0.17932 | 0.09997 | 0.17629 | -0.06151 |
| 86 | ceo | 65 | -0.00539 | 0.33605 | 0.01983 | -0.17932 | 0.00684 | -0.11649 | -0.06151 |
| 128 | cseeo | 45 | 0.01589 | 0.02285 | -0.00614 | -0.15805 | 0.10352 | 0.04089 | -0.01896 |
| 243 | qokeeo | 23 | -0.00539 | -0.20935 | -0.11253 | -0.13584 | 0.15070 | 0.37392 | -0.06151 |
| | **o ← a-Base** | | | | | | | | |
| 231 | oaiin | 24 | -0.00539 | 0.12677 | 0.00286 | -0.17932 | 0.04869 | 0.02944 | -0.02305 |
| 243 | qoaiin | 23 | -0.00539 | 0.05152 | -0.06905 | -0.13584 | 0.06374 | 0.06957 | 0.02545 |
| | **o ← y-Base** | | | | | | | | |
| 254 | ceockey | 22 | -0.00539 | 0.00805 | 0.10487 | -0.17932 | 0.15070 | -0.01739 | -0.06151 |
| 300 | qockey | 18 | -0.00539 | 0.01949 | 0.04537 | -0.12669 | 0.30173 | -0.17299 | -0.06151 |
| | **o[dlrsmg] ← y-Base** | | | | | | | | |
| 197 | olceey | 29 | -0.00539 | -0.15837 | -0.11253 | 0.37240 | 0.03676 | -0.10584 | -0.02703 |

Table 18.6: Thematic Nouns in the Top 300 of *The Picatrix*

| Rank | Word | # | Category | Spatial Type | Temporal Type | Agent | Repeatable | Mensural | Collective | Countability | Possessor | Possessable | Inherently Possessed |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 41 | power | 79 | Cosmological | Parented but not Locatable | Targets | | | | √ | 1:M | | √ | √ |
| 41 | incense | 79 | Cosmological | Independently Locatable | Elements | | | | | 1:M | | √ | |
| 45 | name | 78 | Composition | Parented but not Locatable | Elements | | | | | 1:M | | √ | √ |
| 46 | water | 77 | Liquid, Balneological, Flora | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | √ | √ | |
| 50 | Moon | 73 | Cosmological | Restricted Locatability | Fixed | √ | √ | | | 1 | √ | | |
| 56 | spirit | 64 | Cosmological | Attachable | Fixed | √ | | | √ | 1:M | √ | √ | √ |
| 57 | Sun | 63 | Cosmological | Restricted Locatability | Fixed | √ | √ | | | 1 | √ | | |
| 58 | amounts | 62 | Mensural | Parented | Fixed but Changeable | | | | | 1:M | | √ | √ |
| 60 | planets | 60 | Cosmological | Restricted Locatability | Fixed | √ | | | | 1:M | √ | √ | |
| 66 | sacrifice | 54 | Cosmological | Independently Locatable | Action/Process | √ | √ | | √ | 1:M | | √ | |
| 68 | people | 53 | Personal | Inherently Located | Targets | √ | | | √ | 1:M | √ | √ | |
| 78 | colors | 44 | Color | Parented | Changeable Properties | | | | | 1:M | | √ | |
| 83 | spirits | 43 | Cosmological | Attachable | Fixed | √ | | | √ | 1:M | √ | √ | √ |
| 85 | light | 42 | Cosmological | Independently Locatable | Action/Process | | | | √ | 1:M | | √ | |
| 87 | body | 40 | Medicinal | Independently Locatable | Targets | | | | √ | 1:M | √ | √ | √ |
| 90 | knowledge | 39 | Cosmological | Parented but not Locatable | Fixed | | | | √ | 1 | | √ | |
| 96 | animals | 36 | Fauna | Independently Locatable | Elements | | | | | 1:M | √ | √ | |
| 99 | material | 35 | Composition | Parented but not Locatable | Elements | | | | | 1:M | √ | √ | √ |
| 103 | planet | 34 | Cosmological | Restricted Locatability | Fixed | √ | | | | 1:M | √ | √ | |
| 105 | time | 33 | Temporal | Not Locatable | Time | | | | √ | 1:M | | √ | |
| 108 | day | 32 | Temporal | Not Locatable | Time | | | | | 1:M | | | |
| 108 | Saturn | 32 | Cosmological | Restricted Locatability | Fixed | √ | √ | | | 1 | √ | | |
| 115 | plants | 31 | Flora | Independently Locatable | Elements | √ | | | √ | 1:M | √ | √ | |
| 115 | Mercury | 31 | Cosmological | Restricted Locatability | Fixed | √ | √ | | | 1 | √ | | |
| 115 | desire | 31 | Attitude | Parented but not Locatable | Targets | | | | | 1:M | | √ | √ |
| 120 | brazier | 30 | Spagyrics, Balneological, Cosmological | Independently Locatable | Non-Creatable Intermediaries | √ | | | | 1:M | | √ | |
| 120 | Nature | 30 | Cosmological | Not Locatable | Fixed | √ | √ | | | 1 | √ | √ | |
| 124 | fire | 29 | Spagyrics, Balneological, Cosmological | Independently Locatable | Elements | √ | √ | | √ | 1:M | √ | √ | |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 124 | blood | 29 | Liquid, Anatomical, Medicinal | Parented but not Locatable | Targets | | | | √ | 1:1 | | √ | √ |
| 131 | love | 28 | Aphrodisiacs | Parented but not Locatable | Targets | | | | | 1:M | | √ | |
| 131 | Mars | 28 | Cosmological | Restricted Locatability | Fixed | √ | √ | | | 1 | √ | | |
| 139 | request | 26 | Interrogative | Locatable Communication | Action/Process | | | | | 1:M | | √ | √ |
| 139 | locations | 26 | Location | Inherently Located | Fixed | | | | | 1:M | | √ | |
| 139 | book | 26 | Thought | Independently Locatable | Fixed | | | | | 1:M | √ | √ | √ |
| 143 | tastes | 25 | Sensory | Parented | Changeable Properties | | | | | 1:M | | √ | |
| 147 | world | 24 | Cosmological | Fixed Location | Fixed | | | | | 1 | √ | | |
| 147 | king | 24 | Occult, Political | Independently Locatable | Fixed | √ | | | | 1:M | √ | √ | |
| 147 | head | 24 | Anatomical | Parented but Separable | Targets | | | | √ | 1:1 | | √ | √ |
| 153 | charms | 23 | Cosmological | Attachable | Targets | √ | | | √ | 1:M | | √ | |
| 153 | needs | 23 | Attitude, Composition | Parented but not Locatable | Targets | | | | | 1:M | | √ | √ |
| 153 | Venus | 23 | Cosmological | Restricted Locatability | Fixed | √ | √ | | | 1 | √ | | |
| 159 | sign | 22 | Cosmological | Parented but not Locatable | Fixed | | | | √ | 1:M | √ | √ | √ |
| 159 | names | 22 | Personal - Name | Parented but not Locatable | Fixed | | | | | 1:M | | √ | √ |
| 159 | kings | 22 | Political | Independently Locatable | Fixed | √ | | | √ | 1:M | √ | √ | |
| 159 | Jupiter | 22 | Cosmological | Restricted Locatability | Fixed | √ | √ | | | 1 | √ | √ | |
| 159 | happiness | 22 | Attitude | Parented but not Locatable | Targets | | | | | 1:M | | √ | |
| 167 | birds | 21 | Fauna | Independently Locatable | Elements | | | | √ | 1:M | | √ | |
| 167 | orbit | 21 | Cosmological | Restricted Locatability | Fixed | √ | | | | 1:M | | √ | |
| 167 | mixture | 21 | Spagyrics | Independently Locatable | Products | √ | | | | 1:M | √ | √ | |
| 173 | stones | 20 | Mineral | Independently Locatable | Elements | √ | | | √ | 1:M | √ | √ | |
| 173 | things | 20 | Composition | Independently Locatable | Fixed | | | | √ | 1:M | √ | √ | |
| 173 | peace | 20 | Attitude, Personal, Political | Attachable | Targets | | | | | 1 | | √ | |
| 173 | metals | 20 | Mineral | Independently Locatable | Elements | √ | | | √ | 1:M | | √ | |
| 173 | matters | 20 | Composition, Utilitarian | Parented but not Locatable | Action/Process | | | | | 1:M | | √ | √ |
| 173 | evil | 20 | Cosmological, Medicinal | Independently Locatable | Targets | | | | √ | 1:M | | √ | |
| 187 | glue | 19 | Material | Independently Locatable | Elements | √ | √ | | √ | 1:M | | √ | |
| 187 | Allah | 19 | Occult | Not Locatable | Fixed | √ | √ | | | 1 | √ | | |
| 187 | trees | 19 | Flora | Independently Locatable | Elements | | | | √ | 1:M | √ | √ | |
| 187 | oil | 19 | Spagyrics | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | | √ | |
| 187 | stone | 19 | Mineral | Independently Locatable | Elements | √ | | | √ | 1:M | √ | √ | |
| 187 | times | 19 | Temporal, Mensural | Not Locatable | Time | | | | √ | 1:M | | √ | |
| 203 | tree | 18 | Flora | Independently Locatable | Elements | | | | √ | 1:M | √ | √ | |
| 203 | places | 18 | Location - Place | Inherently Located | Fixed | | | | | 1:M | √ | √ | √ |
| 203 | amount | 18 | Mensural | Parented | Fixed but Changeable | | | | | 1:M | | √ | √ |
| 203 | life | 18 | Medicinal | Parented but not Locatable | Targets | | | | | 1:M | | √ | √ |
| 203 | liver | 18 | Anatomical | Parented | Targets | | | | √ | 1:1 | | √ | √ |
| 203 | invocation | 18 | Cosmological | Independently Locatable | Action/Process | √ | √ | | | 1:M | | √ | |
| 203 | gold | 18 | Color | Independently Locatable | Elements | | | | | 1:M | | √ | |
| 203 | god | 18 | Occult | Independently Locatable | Fixed | √ | | | | 1:M | √ | √ | |
| 218 | ground | 17 | Spagyrics, Mineral | Fixed Location | Fixed | | | | | 1:M | | √ | |
| 218 | jewels | 17 | Mineral | Independently Locatable | Elements | √ | | | √ | 1:M | | √ | |
| 218 | place | 17 | Location - Place | Inherently Located | Fixed | | | | | 1:M | √ | √ | √ |
| 218 | prayer | 17 | Occult | Attachable | Action/Process | √ | √ | | | 1:M | | √ | |
| 232 | money | 16 | Monetary | Independently Locatable | Targets | √ | √ | | √ | 1:M | | √ | √ |
| 232 | gods | 16 | Cosmological | Attachable | Fixed | √ | | | √ | 1:M | √ | √ | |
| 232 | food | 16 | Alimentary | Independently Locatable | Elements | | | | √ | 1:M | √ | √ | |
| 244 | harm | 15 | Occult | Parented | Targets | | | | √ | 1:M | | √ | |
| 244 | house | 15 | Cosmological | Restricted Locatability | Fixed | | | | | 1:M | | | |
| 244 | face | 15 | Cosmological, Anatomical | Parented | Targets | | | | √ | 1:1 | | √ | √ |
| 244 | copper | 15 | Mineral | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | | √ | |
| 244 | mercy | 15 | Occult | Parented but not Locatable | Fixed | | | | | 1:M | | √ | |
| 244 | source | 15 | Location - Place of Origin | Independently Locatable | Elements | | | | | 1:M | | √ | √ |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 244 | saffron | 15 | Flora, Medicinal | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | √ | √ | |
| 244 | snakes | 15 | Fauna | Independently Locatable | Elements | | | | √ | 1:M | √ | √ | |
| 262 | sandalwood | 14 | Flora, Medicinal | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | | √ | |
| 262 | words | 14 | Communication | Locatable Communication | Fixed | | | | | 1:M | | √ | |
| 262 | religions | 14 | Occult | Restricted Locatability | Fixed | | | | | 1:M | √ | √ | |
| 262 | wisdom | 14 | Occult | Parented but not Locatable | Fixed | √ | | | √ | 1:M | | √ | |
| 262 | color | 14 | Color | Parented | Changeable Properties | | | | | 1:M | | √ | √ |
| 262 | dust | 14 | Material | Independently Locatable | Elements | | | | √ | 1:M | | √ | |
| 262 | night | 14 | Cosmological, Temporal | Restricted Locatability | Time | | | | √ | 1:M | | √ | |
| 262 | master | 14 | Occult | Independently Locatable | Targets | √ | | | | 1:M | | √ | √ |
| 276 | hearts | 13 | Anatomical | Parented but Separable | Targets | | | | √ | 1:1 | | √ | |
| 276 | animal | 13 | Fauna | Independently Locatable | Elements | | | | | 1:M | √ | √ | |
| 276 | requests | 13 | Interrogative | Locatable Communication | Action/Process | | | | | 1:M | | √ | √ |
| 276 | women | 13 | Personal | Inherently Located | Targets | √ | | | √ | 1:M | | √ | |
| 276 | signs | 13 | Cosmological | Parented but not Locatable | Fixed | | | | √ | 1:M | √ | √ | √ |
| 276 | person | 13 | Personal | Inherently Located | Targets | √ | | | √ | 1:M | | √ | |
| 276 | rooster | 13 | Fauna | Independently Locatable | Elements | | | | √ | 1:M | √ | √ | |
| 276 | qualities | 13 | Composition | Parented but not Locatable | Changeable Properties | | | | | 1:M | | √ | √ |
| 276 | ounces | 13 | Mensural | Parented | Fixed but Changeable | | | | | 1:M | | √ | √ |
| 276 | ounce | 13 | Mensural | Parented | Fixed but Changeable | | | | | 1:M | | √ | √ |
| 293 | taste | 12 | Sensory | Parented | Changeable Properties | | | | | 1:M | | √ | |
| 293 | temple | 12 | Occult | Inherently Located | Fixed | | | | | 1:M | √ | √ | |
| 293 | shape | 12 | Shape | Parented | Changeable Properties | | | | | 1:M | | √ | |
| 293 | symbol | 12 | Communication, Occult | Parent | Fixed | | | | | 1:M | | √ | √ |
| 293 | core | 12 | Composition | Parented | Fixed | | | | | 1:1 | | √ | √ |
| 293 | answer | 12 | Communication | Locatable Communication | Fixed | | | | | 1:M | | √ | |
| 293 | aloe | 12 | Material | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | | √ | |
| 293 | bottle | 12 | Spagyrics | Independently Locatable | Products | √ | | | | 1:M | | √ | |
| 293 | basil | 12 | Flora, Alimentary | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | | √ | |
| 293 | heart | 12 | Anatomical | Parented but Separable | Targets | | | | √ | 1:1 | | √ | √ |
| 293 | incenses | 12 | Occult | Independently Locatable | Elements | √ | √ | | | 1:M | | √ | |
| 293 | location | 12 | Location | Inherently Located | Fixed | | | | | 1:M | | √ | √ |
| 293 | gum | 12 | Material | Independently Locatable | Elements | √ | | | √ | 1:M | | √ | |
| 293 | fortune | 12 | Occult, Monetary | Parented | Targets | √ | | | √ | 1:M | | √ | |
| 316 | braziers | 11 | Balneological | Inherently Located | Creatable Intermediaries | | | | | 1:M | | √ | |
| 316 | amber | 11 | Material | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | | √ | |

Table 18.7: Noun Candidates with Positive Cosmological Affinity among the Top 300 Voynich Words

| | | | Section Affinity | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Rank | Word | Count | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| | **o[fptk]** | | | | | | | | |
| 26 | okeey | 176 | -0.00539 | -0.21107 | 0.01816 | -0.07137 | 0.06967 | 0.26152 | -0.06151 |
| 38 | otar | 141 | -0.00539 | -0.13078 | 0.01851 | -0.00691 | -0.04600 | 0.08726 | 0.08332 |
| 38 | okal | 141 | -0.00539 | -0.03574 | 0.05649 | -0.00327 | -0.03852 | 0.01752 | 0.00891 |
| 43 | otal | 139 | -0.00539 | -0.13546 | 0.05531 | -0.03247 | -0.02473 | 0.11335 | 0.02940 |
| 44 | oteey | 138 | 0.00180 | -0.19558 | 0.12488 | -0.06422 | -0.03072 | 0.16779 | -0.00396 |
| 44 | okar | 138 | -0.00539 | -0.05543 | 0.01156 | -0.01874 | -0.02290 | 0.01372 | 0.07718 |
| 49 | oty | 114 | -0.00539 | 0.14335 | 0.00816 | -0.00691 | -0.05807 | -0.07998 | -0.00117 |
| 67 | otol | 87 | -0.00539 | 0.11067 | 0.03864 | -0.03979 | 0.00307 | -0.12709 | 0.01988 |
| 76 | okol | 79 | 0.00666 | 0.02900 | 0.04410 | -0.08294 | 0.19837 | -0.16982 | -0.02537 |
| 89 | okey | 64 | -0.00539 | -0.12443 | 0.09060 | 0.00818 | 0.12081 | -0.02826 | -0.06151 |
| 89 | okeol | 64 | -0.00539 | -0.15784 | 0.04132 | -0.13317 | 0.39485 | -0.07826 | -0.06151 |
| 99 | ykeey | 58 | -0.00539 | 0.00370 | 0.00414 | -0.06266 | 0.14997 | -0.06159 | -0.02818 |
| 107 | otey | 52 | -0.00539 | -0.20858 | 0.22081 | 0.08383 | -0.04915 | -0.01510 | -0.02642 |
| 135 | otor | 43 | -0.00539 | 0.15824 | 0.02384 | -0.08841 | -0.04397 | -0.07371 | 0.02940 |
| 148 | oteol | 39 | 0.01961 | 0.05370 | 0.06247 | -0.10432 | 0.08331 | -0.05326 | -0.06151 |
| 148 | oteody | 39 | -0.00539 | -0.19374 | 0.42594 | -0.17932 | 0.03587 | -0.07313 | -0.01023 |
| 148 | okeody | 39 | -0.00539 | -0.06553 | 0.29773 | -0.17932 | 0.11279 | -0.15005 | -0.01023 |
| 160 | ceoky | 37 | -0.00539 | 0.28265 | 0.09800 | -0.17932 | 0.03857 | -0.19931 | -0.03519 |
| 163 | ykar | 36 | -0.00539 | 0.13613 | 0.04964 | -0.12527 | -0.03967 | -0.14312 | 0.12768 |
| 165 | ceoty | 35 | 0.02239 | 0.23148 | 0.02636 | -0.15155 | -0.03891 | -0.08381 | -0.00595 |
| 180 | qokeody | 32 | -0.00539 | -0.10880 | 0.07497 | -0.17932 | 0.37081 | -0.15326 | 0.00099 |
| 197 | oteos | 29 | 0.02909 | -0.19285 | 0.64609 | -0.17932 | 0.00227 | -0.24377 | -0.06151 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 222 | ytar | 25 | -0.00539 | -0.07408 | 0.07266 | -0.14229 | -0.06669 | -0.01900 | 0.23479 |
| 222 | okair | 25 | -0.00539 | -0.06553 | 0.04132 | 0.01298 | -0.02823 | 0.06790 | -0.02305 |
| 231 | yty | 24 | -0.00539 | 0.37036 | 0.05414 | -0.13766 | -0.02503 | -0.23659 | -0.01984 |
| 231 | okaly | 24 | -0.00539 | -0.13630 | 0.32747 | 0.02068 | -0.06669 | -0.11826 | -0.02151 |
| 254 | otody | 22 | -0.00539 | -0.02357 | 0.06929 | -0.13387 | -0.02124 | -0.14189 | 0.25667 |
| 254 | otair | 22 | -0.00539 | -0.29630 | 0.06929 | -0.13387 | -0.02124 | 0.40356 | -0.01606 |
| 267 | okeor | 21 | -0.00539 | -0.02357 | 0.20566 | -0.17932 | 0.20603 | -0.14189 | -0.06151 |
| 267 | okody | 21 | -0.00539 | -0.19104 | 0.25590 | -0.17932 | 0.09120 | -0.17299 | 0.20165 |
| 279 | yky | 20 | -0.00539 | 0.30370 | 0.08747 | -0.17932 | -0.06669 | -0.17826 | 0.03849 |
| 279 | okceor | 20 | -0.00539 | 0.40370 | 0.03747 | -0.17932 | -0.06669 | -0.17826 | -0.01151 |
| 300 | okeeol | 18 | -0.00539 | -0.18519 | 0.10970 | -0.12377 | 0.32220 | -0.05603 | -0.06151 |
| 300 | okees | 18 | -0.00539 | -0.18519 | 0.33192 | -0.06821 | -0.06669 | -0.16714 | 0.16071 |
| 300 | ytal | 18 | -0.00539 | 0.07212 | 0.20326 | -0.02143 | -0.06669 | -0.27826 | 0.09638 |
| 300 | qokair | 18 | -0.00539 | -0.24075 | 0.10970 | -0.12377 | -0.01114 | 0.33286 | -0.06151 |
| | **o[dlrsmg]** | | | | | | | | |
| 52 | cseeol | 108 | -0.00539 | -0.13559 | 0.01247 | 0.07961 | 0.10295 | -0.03718 | -0.01687 |
| 70 | ceeody | 86 | -0.00539 | -0.05767 | 0.02384 | -0.17932 | 0.12649 | 0.09674 | -0.00469 |
| 107 | olaiin | 52 | -0.00539 | -0.10762 | 0.01955 | -0.06612 | 0.14085 | -0.01410 | 0.03283 |
| 112 | cseeody | 50 | -0.00539 | -0.01630 | 0.02747 | -0.17932 | 0.11331 | 0.02174 | 0.03849 |
| 115 | ody | 49 | -0.00539 | 0.15051 | 0.03641 | -0.11549 | 0.01841 | -0.19315 | 0.10870 |
| 118 | tol | 48 | -0.00539 | 0.08370 | 0.02747 | 0.04068 | -0.00669 | -0.15826 | 0.01849 |
| 165 | ceos | 35 | -0.00539 | 0.04656 | 0.03033 | -0.17932 | 0.16188 | 0.00746 | -0.06151 |
| 175 | ceeos | 33 | -0.00539 | 0.02723 | 0.06394 | -0.17932 | 0.10978 | 0.01586 | -0.03210 |
| 205 | os | 28 | -0.00539 | 0.04853 | 0.02540 | -0.14484 | 0.07124 | -0.10584 | 0.11090 |
| 222 | dceol | 25 | -0.00539 | 0.39601 | 0.04132 | -0.10240 | -0.06669 | -0.23979 | -0.02305 |
| 243 | om | 23 | -0.00539 | 0.00805 | 0.01791 | -0.17932 | 0.06374 | 0.02609 | 0.06892 |
| 267 | keody | 21 | -0.00539 | 0.15824 | 0.11475 | -0.17932 | 0.02422 | -0.14189 | 0.02940 |
| 279 | ydaiin | 20 | -0.00539 | 0.22751 | 0.07795 | -0.13170 | 0.02855 | -0.13540 | -0.06151 |
| | **oi$^4$n** | | | | | | | | |
| 175 | oiin | 33 | 0.02402 | -0.11983 | 0.00512 | 0.02656 | 0.10978 | 0.01586 | -0.06151 |
| | **o** | | | | | | | | |
| 73 | o | 81 | 0.00696 | 0.02469 | 0.23315 | -0.11759 | 0.00738 | -0.11776 | -0.03682 |
| 85 | ceeo | 66 | -0.00539 | -0.05388 | 0.02384 | -0.17932 | 0.09997 | 0.17629 | -0.06151 |
| 86 | ceo | 65 | -0.00539 | 0.33605 | 0.01983 | -0.17932 | 0.00684 | -0.11649 | -0.06151 |
| | **o ← a-Base** | | | | | | | | |
| 231 | oaiin | 24 | -0.00539 | 0.12677 | 0.00286 | -0.17932 | 0.04869 | 0.02944 | -0.02305 |
| 300 | oar | 18 | -0.00539 | -0.12964 | 0.16525 | -0.17932 | -0.06669 | 0.05508 | 0.16071 |
| | **o ← y-Base** | | | | | | | | |
| 254 | ceockey | 22 | -0.00539 | 0.00805 | 0.10487 | -0.17932 | 0.15070 | -0.01739 | -0.06151 |
| 300 | qockey | 18 | -0.00539 | 0.01949 | 0.04537 | -0.12669 | 0.30173 | -0.17299 | -0.06151 |
| | **o[fptk] ← y-Base** | | | | | | | | |
| 126 | otcey | 46 | -0.00539 | 0.34953 | 0.03331 | -0.09599 | -0.06669 | -0.19492 | -0.01984 |
| 197 | opceey | 29 | -0.00539 | -0.08941 | 0.02540 | -0.04139 | -0.03221 | 0.13554 | 0.00746 |
| 212 | otcedy | 27 | -0.00539 | 0.03703 | 0.03562 | -0.10525 | -0.06669 | 0.01804 | 0.08664 |
| 222 | okceedy | 25 | -0.00539 | -0.21630 | 0.04747 | -0.09932 | -0.06669 | 0.32174 | 0.01849 |
| 267 | okcedy | 21 | -0.00539 | 0.03703 | 0.03033 | -0.03647 | -0.06669 | -0.08778 | 0.12897 |
| 148 | okcey | 39 | -0.00539 | 0.19088 | 0.16953 | -0.12804 | -0.04105 | -0.17569 | -0.01023 |

Table 18.8: Thematic Nouns in the Top 300 of *Vitruvius Pollio*

| Rank | Word | # | Category | Spatial Type | Temporal Type | Agent | Repeatable | Mensural | Collective | Countable | Possessor | Possessable | Inherently Possessed |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13 | | 7 | Balneological | Inherently Located | Creatable Intermediaries | √ | √ | | | 1:M | | √ | |
| 21 | furnace | 5 | Balneological | Inherently Located | Creatable Intermediaries | | | | | 1:M | √ | √ | |
| 21 | water | 5 | Liquid, Balneological, Flora | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | √ | √ | |
| 21 | rooms | 5 | Location | Inherently Located | Creatable Intermediaries | | | | | 1:M | √ | √ | |
| 38 | tile | 3 | Balneological - Construction | Inherently Located | Creatable Intermediaries | | | | | 1:M | | √ | |
| 38 | tiles | 3 | Balneological - Construction | Inherently Located | Creatable Intermediaries | | | | | 1:M | | √ | |
| 38 | framework | 3 | Balneological - Construction | Inherently Located | Creatable Intermediaries | | | | | 1:M | √ | √ | |
| 38 | vaults | 3 | Balneological - Construction | Inherently Located | Creatable Intermediaries | | | | | 1:M | | √ | |
| 38 | heat | 3 | Temperature | Inherently Located | Elements | | | | √ | 1:M | | √ | |
| 38 | iron | 3 | Material | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | | √ | |
| 38 | side | 3 | Location | Inherently Located | Fixed | | | | | 1:M | | √ | √ |
| 38 | room | 3 | Location | Inherently Located | Creatable Intermediaries | | | | | 1:M | √ | √ | |
| 38 | feet | 3 | Anatomical | Parented but Separable | Targets | | | | √ | 1:2 | | √ | √ |
| 38 | s | 3 | Balneological | Inherently Located | Creatable Intermediaries | | | | | 1:M | | √ | |
| 66 | bars | 2 | Balneological - Construction | Inherently Located | Creatable Intermediaries | | | | | 1:M | | √ | |
| 66 | basin | 2 | Balneological | Inherently Located | Creatable Intermediaries | | | | | 1:M | | √ | |
| 66 | arcs | 2 | Shape | Parented | Changeable Properties | | | | | 1:M | | √ | |
| 66 | support | 2 | Composition, Utilitarian | Inherently Located | Creatable Intermediaries | | | | | 1:M | | √ | |
| 66 | floor | 2 | Location | Inherently Located | Creatable Intermediaries | | | | | 1:M | √ | √ | |
| 66 | fire | 2 | Material | Independently Locatable | Elements | √ | √ | | √ | 1:M | √ | √ | |
| 66 | dome | 2 | Balneological | Inherently Located | Creatable Intermediaries | | | | | 1:M | | √ | √ |
| 66 | situation | 2 | Spatio-Temporal | Attachable | Time | | | | | 1:M | | √ | |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 66 | niches | 2 | Balneological - Construction | Inherently Located | Creatable Intermediaries | | | | | 1:M | | √ | √ |
| 66 | pillars | 2 | Balneological - Construction | Inherently Located | Creatable Intermediaries | | | | | 1:M | | √ | |
| 66 | hair | 2 | Anatomical | Parented but Separable | Targets | | | | | 1:M | | √ | √ |
| 66 | washbowl | 2 | Balneological | Inherently Located | Creatable Intermediaries | | | | | 1:M | √ | √ | |
| 66 | height | 2 | Spatio-Temporal, Mensural | Inherently Located | Fixed | | | | | 1:1 | | √ | √ |
| 106 | joints | 1 | Balneological - Construction | Inherently Located | Creatable Intermediaries | | | | | 1:M | | √ | √ |
| 106 | laconicum | 1 | Balneological | Inherently Located | Creatable Intermediaries | | | | | 1:M | | √ | |
| 106 | length | 1 | Mensural, Shape | Inherently Located | Fixed | | | | | 1:1 | | √ | v |
| 106 | light | 1 | Color, Spagyrics, Balneological | Independently Locatable | Elements | | | | √ | 1:M | | √ | |
| 106 | lime | 1 | Material | Independently Locatable | Elements | √ | √ | √ | √ | 1:M | | √ | |
| 106 | hooks | 1 | Balneological - Construction | Inherently Located | Creatable Intermediaries | | | | | 1:M | | √ | |
| 106 | window | 1 | Balneological - Construction | Inherently Located | Creatable Intermediaries | | | | | 1:M | √ | √ | |
| 106 | work | 1 | Labor | Parented Process | Action/Process | √ | | | | 1:M | | √ | |
| 106 | width | 1 | Mensural, Shape | Inherently Located | Fixed | | | | | 1:1 | | √ | √ |
| 106 | floors | 1 | Balneological | Inherently Located | Creatable Intermediaries | | | | | 1:M | | √ | |
| 106 | flows | 1 | Balneological | Independently Locatable | Action/Process | | | | | 1:M | | √ | |
| 106 | foot | 1 | Anatomical | Parented but Separable | Targets | | | | √ | 1:2 | | √ | |
| 106 | timber | 1 | Material | Independently Locatable | Elements | | | | √ | 1:M | √ | √ | |
| 106 | time | 1 | Spatio-Temporal | Not Locatable | Time | | | | | 1:M | | √ | |
| 106 | washbowls | 1 | Balneological | Inherently Located | Creatable Intermediaries | | | | | 1:M | √ | √ | |
| 106 | ground | 1 | Spagyrics, Mineral | Fixed Location | Fixed | | | | | 1:M | | √ | |
| 106 | wall | 1 | Balneological - Construction | Inherently Located | Creatable Intermediaries | | | | | 1:M | √ | √ | |
| 106 | place | 1 | Location | Inherently Located | Fixed | | | | | 1:M | √ | √ | √ |
| 106 | places | 1 | Location - Place | Inherently Located | Fixed | | | | | 1:M | √ | √ | √ |
| 106 | population | 1 | Composition, Personal, Flora, Fauna | Independently Locatable | Fixed | | | | | 1:M | √ | √ | |
| 106 | positions | 1 | Location | Inherently Located | Fixed | | | | | 1:M | | √ | √ |
| 106 | North | 1 | Location - Directional | Fixed Location | Fixed | | | | | 1 | | | |
| 106 | Northeast | 1 | Location - Directional | Fixed Location | Fixed | | | | | 1 | | | |
| 106 | Nature | 1 | Cosmological | Not Locatable | Fixed | √ | √ | | | 1 | √ | √ | |
| 106 | moisture | 1 | Balneological | Independently Locatable | Changeable Properties | | | | | 1:M | | √ | |
| 106 | masonry | 1 | Balneological - Construction | Inherently Located | Creatable Intermediaries | | | | √ | 1:M | | √ | |
| 106 | midday | 1 | Spatio-Temporal | Not Locatable | Time | | | | | 1 | | | |
| 106 | size | 1 | Shape | Parented | Changeable Properties | | | | | 1:M | | √ | √ |
| 106 | shadows | 1 | Occult | Inherently Located | Elements | | | | √ | 1:M | | √ | |
| 106 | step | 1 | Composition, Location - Motion, Personal | Independently Locatable | Fixed | | | | | 1:M | | √ | √ |
| 106 | stucco | 1 | Material | Independently Locatable | Elements | | | | √ | 1:M | | √ | |
| 106 | South | 1 | Location - Directional | Fixed Location | Fixed | | | | | 1 | | | |
| 106 | Southwest | 1 | Location - Directional | Fixed Location | Fixed | | | | | 1 | | | |
| 106 | space | 1 | Spatio-Temporal | Inherently Located | Fixed | | | | | 1:M | | √ | |
| 106 | relief | 1 | Medicinal | Independently Locatable | Targets | | | | | 1:M | | √ | |
| 106 | semicylinders | 1 | Spagyrics, Balneological | Independently Locatable | Non-Creatable Intermediaries | √ | | | | 1:M | √ | √ | |
| 106 | cover | 1 | Spatio-Temporal | Inherently Located | Fixed | | | | | 1:M | | √ | |
| 106 | corners | 1 | Balneological - Construction | Inherently Located | Creatable Intermediaries | | | | | 1:M | | √ | √ |
| 106 | departments | 1 | Composition | Parented but not Locatable | Changeable Properties | | | | | 1:M | | √ | √ |
| 106 | disc | 1 | Shape | Parented | Changeable Properties | | | | | 1:M | | √ | |
| 106 | distance | 1 | Location, Mensural | Inherently Located | Fixed | | | | | 1:M | | √ | |
| 106 | distances | 1 | Location, Mensural | Inherently Located | Fixed | | | | | 1:M | | √ | |
| 106 | edge | 1 | Location | Inherently Located | Fixed | | | | | 1:M | | √ | √ |
| 106 | evening | 1 | Spatio-Temporal | Restricted Locatability | Time | | | | | 1:M | | √ | |
| 106 | events | 1 | Spatio-Temporal | Inherently Located | Time | | | | | 1:M | | √ | √ |
| 106 | faces | 1 | Anatomical, Cosmological | Parented | Fixed | | | | √ | 1:1 | | √ | √ |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 106 | fittings | 1 | Balneological - Construction | Inherently Located | Creatable Intermediaries | | | | | 1:M | | √ | |
| 106 | flooring | 1 | Balneological | Inherently Located | Creatable Intermediaries | | | | | 1:M | | √ | |
| 106 | temperature | 1 | Temperature | Inherently Located | Elements | √ | | | √ | 1:1 | | √ | √ |
| 106 | surface | 1 | Spatio-Temporal | Inherently Located | Fixed | | | | | 1:M | | √ | √ |
| 106 | aperture | 1 | Shape | Parented | Changeable Properties | | | | | 1:M | | √ | |
| 106 | cushion | 1 | Furniture | Independently Locatable | Non-Creatable Intermediaries | | | | | 1:M | | √ | |
| 106 | basins | 1 | Balneological | Inherently Located | Creatable Intermediaries | | | | | 1:M | | √ | |
| 106 | arrangement | 1 | Composition | Parented but not Locatable | Changeable Properties | | | | | 1:M | | √ | √ |
| 106 | ball | 1 | Shape | Parented | Changeable Properties | | | | | 1:M | | √ | |
| 106 | bottom | 1 | Spatio-Temporal | Inherently Located | Fixed | | | | | 1:1 | | √ | √ |
| 106 | breadth | 1 | Spatio-Temporal | Inherently Located | Fixed | | | | | 1:1 | | √ | √ |
| 106 | bricks | 1 | Material | Independently Locatable | Elements | | √ | | √ | 1:M | | √ | |
| 106 | cauldrons | 1 | Balneological | Inherently Located | Creatable Intermediaries | | | | | 1:M | | √ | |
| 106 | ceilings | 1 | Balneological - Construction | Inherently Located | Creatable Intermediaries | | | | | 1:M | | √ | |
| 106 | centre | 1 | Location - Orientation | Inherently Located | Fixed | | | | | 1:M | | √ | √ |
| 106 | chains | 1 | Balneological - Construction | Inherently Located | Creatable Intermediaries | | | | | 1:M | | √ | |
| 106 | chamber | 1 | Balneological - Construction | Inherently Located | Creatable Intermediaries | | | | | 1:M | | √ | |
| 106 | circumference | 1 | Mensural | Inherently Located | Fixed | | | | | 1:1 | | √ | |

Table 18.9: Noun Candidates with Positive Balneological Affinity among the Top 300 Voynich Words

| | | | Section Affinity | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Rank | Word | Count | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| | **o[fptk]** | | | | | | | | |
| 11 | qokeey | 305 | -0.00539 | -0.22767 | -0.07331 | 0.11153 | 0.00193 | 0.23482 | -0.04190 |
| 12 | qokeedy | 301 | -0.00539 | -0.26341 | -0.10924 | 0.32068 | -0.06669 | 0.17240 | -0.04835 |
| 14 | qokain | 272 | -0.00539 | -0.27487 | -0.10538 | 0.38853 | -0.06312 | 0.10032 | -0.04008 |
| 15 | qokedy | 262 | -0.00539 | -0.15085 | -0.10889 | 0.41704 | -0.06306 | -0.05280 | -0.03606 |
| 17 | qokaiin | 258 | -0.00539 | -0.16271 | -0.09344 | 0.15655 | -0.05906 | 0.15686 | 0.00719 |
| 24 | qokal | 190 | -0.00539 | -0.23901 | -0.00836 | 0.37797 | -0.05107 | -0.06471 | -0.00943 |
| 29 | otedy | 161 | -0.00539 | -0.16747 | -0.08799 | 0.15197 | -0.06669 | 0.08984 | 0.08573 |
| 30 | qokar | 152 | -0.00539 | -0.10676 | -0.04717 | 0.14094 | -0.04055 | -0.01028 | 0.06921 |
| 31 | qol | 151 | -0.00539 | -0.27643 | -0.11253 | 0.58889 | -0.04020 | -0.09282 | -0.06151 |
| 38 | okain | 141 | 0.00155 | -0.17130 | -0.08475 | 0.12623 | -0.06669 | 0.24258 | -0.04762 |
| 41 | qoky | 140 | -0.00539 | -0.04288 | -0.05088 | 0.23849 | -0.03245 | -0.07963 | -0.02726 |
| 48 | okedy | 118 | -0.00539 | -0.07964 | -0.04586 | 0.19568 | -0.06669 | -0.00326 | 0.00516 |
| 52 | qokey | 108 | -0.00539 | -0.21373 | -0.07583 | 0.22435 | 0.03422 | 0.08872 | -0.05234 |
| 56 | okeedy | 104 | -0.00539 | -0.15612 | -0.09383 | 0.18516 | -0.06669 | 0.17034 | -0.03347 |
| 57 | oteedy | 102 | -0.00539 | -0.25709 | -0.02429 | 0.04617 | -0.06669 | 0.30998 | -0.00269 |
| 59 | qokol | 99 | -0.00539 | 0.04024 | -0.06445 | 0.08029 | 0.13523 | -0.15326 | -0.03266 |
| 60 | otain | 97 | -0.00539 | -0.18992 | -0.10189 | 0.08663 | -0.06669 | 0.27494 | 0.00232 |
| 66 | qotedy | 91 | -0.00539 | -0.16587 | -0.09079 | 0.33155 | -0.06669 | 0.01522 | -0.01803 |
| 67 | qoty | 87 | -0.00539 | 0.06002 | -0.07804 | 0.15401 | -0.06669 | -0.05986 | -0.00404 |
| 79 | qoteedy | 72 | -0.00539 | -0.26928 | -0.09901 | 0.34770 | -0.06669 | 0.14066 | -0.04800 |
| 89 | okey | 64 | -0.00539 | -0.12443 | 0.09060 | 0.00818 | 0.12081 | -0.02826 | -0.06151 |
| 89 | qotain | 64 | -0.00539 | -0.29630 | -0.08128 | 0.21130 | -0.06669 | 0.26862 | -0.03026 |
| 93 | qotar | 63 | -0.00539 | -0.13757 | -0.09665 | 0.02703 | -0.06669 | 0.19794 | 0.08135 |
| 101 | qotal | 56 | -0.00539 | -0.21010 | -0.04356 | 0.25171 | -0.06669 | 0.04933 | 0.02470 |
| 107 | otey | 52 | -0.00539 | -0.20858 | 0.22081 | 0.08383 | -0.04915 | -0.01510 | -0.02642 |
| 122 | qotol | 47 | -0.00539 | 0.15051 | -0.09125 | 0.01217 | 0.01841 | -0.08677 | 0.00232 |
| 165 | qokor | 35 | -0.00539 | 0.03703 | -0.05697 | 0.01512 | 0.01664 | 0.02730 | -0.03373 |
| 183 | ykeedy | 31 | -0.00539 | -0.07050 | -0.04801 | 0.14326 | -0.03443 | -0.02019 | 0.03526 |
| 183 | qopceedy | 31 | -0.00539 | -0.29630 | -0.11253 | 0.07068 | -0.06669 | 0.40924 | 0.00099 |
| 216 | qokam | 26 | -0.00539 | -0.05630 | -0.11253 | 0.06068 | -0.06669 | 0.20174 | -0.02151 |
| 222 | qotey | 25 | -0.00539 | -0.21630 | -0.03253 | 0.10068 | -0.02669 | 0.20174 | -0.02151 |
| 222 | okair | 25 | -0.00539 | -0.06553 | 0.04132 | 0.01298 | -0.02823 | 0.06790 | -0.02305 |
| 231 | okaly | 24 | -0.00539 | -0.13630 | 0.32747 | 0.02068 | -0.06669 | -0.11826 | -0.02151 |
| 243 | ytedy | 23 | -0.00539 | 0.22544 | -0.11253 | 0.16850 | -0.06669 | -0.23478 | 0.02545 |
| 254 | ykedy | 22 | -0.00539 | 0.22544 | -0.11253 | 0.12502 | -0.06669 | -0.14782 | -0.01803 |
| | **o[dlrsmg]** | | | | | | | | |
| 2 | ol | 536 | -0.00357 | -0.12872 | -0.06517 | 0.24326 | 0.00435 | -0.07971 | 0.02956 |
| 49 | dol | 114 | -0.00539 | 0.11395 | -0.06979 | 0.11128 | 0.10425 | -0.20988 | -0.04442 |
| 52 | cseeol | 108 | -0.00539 | -0.13559 | 0.01247 | 0.07961 | 0.10295 | -0.03718 | -0.01687 |
| 79 | sol | 72 | -0.00539 | -0.10186 | -0.05697 | 0.37623 | 0.04442 | -0.20881 | -0.04762 |
| 101 | oly | 56 | -0.00539 | -0.08941 | -0.00908 | 0.32068 | -0.04945 | -0.15757 | -0.00979 |
| 101 | sor | 56 | -0.00539 | 0.00194 | -0.04235 | 0.20664 | 0.03857 | -0.15545 | -0.04397 |
| 118 | cseeor | 48 | -0.00539 | -0.02179 | -0.05370 | 0.03636 | 0.16860 | -0.06257 | -0.06151 |
| 118 | tol | 48 | -0.00539 | 0.08370 | 0.02747 | 0.04068 | -0.00669 | -0.15826 | 0.01849 |
| 135 | lor | 43 | -0.00539 | -0.18002 | -0.08927 | 0.07649 | -0.04344 | 0.27988 | -0.03825 |
| 135 | lol | 43 | -0.00539 | -0.20328 | -0.08927 | 0.33230 | -0.04344 | 0.02407 | -0.01500 |
| 140 | olkeedy | 42 | -0.00539 | -0.24868 | -0.11253 | 0.22544 | -0.06669 | 0.12651 | 0.08135 |
| 148 | olkeey | 39 | -0.00539 | -0.27130 | -0.08753 | 0.27068 | -0.04169 | 0.09674 | 0.03849 |
| 163 | olor | 36 | -0.00539 | -0.07755 | -0.08128 | 0.35193 | -0.03544 | -0.15326 | 0.00099 |
| 175 | olkaiin | 33 | -0.00539 | -0.14479 | -0.11253 | 0.03280 | -0.06669 | 0.17629 | 0.12031 |
| 183 | olkain | 31 | -0.00539 | -0.23380 | -0.11253 | 0.60193 | -0.06669 | -0.15326 | -0.03026 |
| 205 | oldy | 28 | -0.00539 | -0.04630 | -0.04110 | 0.21353 | 0.14759 | -0.20683 | -0.06151 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 212 | orain | 27 | -0.00539 | -0.11112 | -0.11253 | 0.04290 | 0.00738 | 0.20323 | -0.02447 |
| 222 | olkedy | 25 | -0.00539 | -0.25927 | -0.11253 | 0.56142 | -0.06669 | -0.09307 | -0.02447 |
| 231 | pol | 24 | -0.00539 | -0.21297 | -0.11253 | 0.32068 | -0.06669 | 0.05508 | 0.02182 |
| 243 | olky | 23 | -0.00539 | -0.12239 | -0.11253 | 0.42937 | -0.02321 | -0.23478 | 0.06892 |
| 254 | qokeor | 22 | -0.00539 | -0.15994 | -0.11253 | 0.09340 | 0.34240 | -0.09644 | -0.06151 |
| 267 | qor | 21 | -0.00539 | -0.02357 | -0.02162 | 0.13886 | -0.06669 | -0.00553 | -0.01606 |
| 267 | olkar | 21 | -0.00539 | -0.29630 | -0.06491 | 0.10639 | -0.06669 | -0.13540 | 0.46230 |
| 279 | qoeedy | 20 | -0.00539 | -0.29630 | -0.11253 | 0.12068 | -0.06669 | 0.32174 | 0.03849 |
| 279 | rol | 20 | -0.00539 | -0.24630 | -0.11253 | 0.47068 | -0.06669 | 0.02174 | -0.06151 |
| 300 | ols | 18 | -0.00539 | -0.07408 | -0.00141 | 0.04290 | 0.15553 | -0.11159 | -0.00595 |
| | **oi$^4$n** | | | | | | | | |
| 175 | oiin | 33 | 0.02402 | -0.11983 | 0.00512 | 0.02656 | 0.10978 | 0.01586 | -0.06151 |
| | **o** | | | | | | | | |
| 180 | qo | 32 | -0.00539 | 0.08301 | -0.11253 | 0.13102 | -0.03221 | -0.00239 | -0.06151 |
| | **o[fptk] ← y-Base** | | | | | | | | |
| 104 | qokcedy | 55 | -0.00539 | 0.00727 | -0.07681 | 0.08853 | -0.06669 | -0.02826 | 0.08135 |
| 112 | opceedy | 50 | -0.00539 | -0.21630 | -0.09253 | 0.12068 | -0.06669 | 0.24174 | 0.01849 |
| | **o[dlrsmg] ← y-Base** | | | | | | | | |
| 243 | olcseedy | 23 | -0.00539 | -0.25282 | -0.11253 | 0.42937 | -0.06669 | -0.06086 | 0.06892 |
| 156 | olceedy | 38 | -0.00539 | -0.26999 | -0.08621 | 0.47857 | -0.06669 | -0.04141 | -0.00888 |
| 197 | olceey | 29 | -0.00539 | -0.15837 | -0.11253 | 0.37240 | 0.03676 | -0.10584 | -0.02703 |

Table 18.10: Noun Candidates with Positive Rosette Section Affinity among the Top 300 Voynich Words

| | | Section Affinity | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Rank** | **Word** | **Count** | **0** | **1** | **2** | **3** | **4** | **5** | **6** |
| | **o[fptk]** | | | | | | | | |
| 17 | qokaiin | 258 | -0.00539 | -0.16271 | -0.09344 | 0.15655 | -0.05906 | 0.15686 | 0.00719 |
| 29 | otedy | 161 | -0.00539 | -0.16747 | -0.08799 | 0.15197 | -0.06669 | 0.08984 | 0.08573 |
| 30 | qokar | 152 | -0.00539 | -0.10676 | -0.04717 | 0.14094 | -0.04055 | -0.01028 | 0.06921 |
| 34 | otaiin | 148 | 0.00119 | -0.05946 | -0.03358 | -0.09380 | -0.04696 | 0.20859 | 0.02402 |
| 38 | otar | 141 | -0.00539 | -0.13078 | 0.01851 | -0.00691 | -0.04600 | 0.08726 | 0.08332 |
| 38 | okal | 141 | -0.00539 | -0.03574 | 0.05649 | -0.00327 | -0.03852 | 0.01752 | 0.00891 |
| 43 | otal | 139 | -0.00539 | -0.13546 | 0.05531 | -0.03247 | -0.02473 | 0.11335 | 0.02940 |
| 44 | okar | 138 | -0.00539 | -0.05543 | 0.01156 | -0.01874 | -0.02290 | 0.01372 | 0.07718 |
| 48 | okedy | 118 | -0.00539 | -0.07964 | -0.04586 | 0.19568 | -0.06669 | -0.00326 | 0.00516 |
| 60 | otain | 97 | -0.00539 | -0.18992 | -0.10189 | 0.08663 | -0.06669 | 0.27494 | 0.00232 |
| 67 | otol | 87 | -0.00539 | 0.11067 | 0.03864 | -0.03979 | 0.00307 | -0.12709 | 0.01988 |
| 75 | qotaiin | 80 | -0.00539 | -0.11909 | -0.08721 | -0.00211 | -0.06669 | 0.21542 | 0.06507 |
| 93 | qotar | 63 | -0.00539 | -0.13757 | -0.09665 | 0.02703 | -0.06669 | 0.19794 | 0.08135 |
| 101 | qotal | 56 | -0.00539 | -0.21010 | -0.04356 | 0.25171 | -0.06669 | 0.04933 | 0.02470 |
| 122 | otam | 47 | -0.00539 | 0.00157 | -0.00614 | -0.13677 | -0.04542 | 0.08345 | 0.10870 |
| 122 | qotol | 47 | -0.00539 | 0.15051 | -0.09125 | 0.01217 | 0.01841 | -0.08677 | 0.00232 |
| 128 | ykaiin | 45 | 0.01683 | 0.05925 | -0.02364 | -0.13488 | -0.06669 | -0.12270 | 0.27182 |
| 135 | otor | 43 | -0.00539 | 0.15824 | 0.02384 | -0.08841 | -0.04397 | -0.07371 | 0.02940 |
| 140 | ytaiin | 42 | -0.00539 | 0.05254 | -0.11253 | -0.13281 | -0.06669 | -0.04570 | 0.31058 |
| 163 | ykar | 36 | -0.00539 | 0.13613 | 0.04964 | -0.12527 | -0.03967 | -0.14312 | 0.12768 |
| 180 | qokeody | 32 | -0.00539 | -0.10880 | 0.07497 | -0.17932 | 0.37081 | -0.15326 | 0.00099 |
| 183 | ykeedy | 31 | -0.00539 | -0.07050 | -0.04801 | 0.14326 | -0.03443 | -0.02019 | 0.03526 |
| 197 | qotor | 29 | -0.00539 | 0.35887 | -0.11253 | -0.14484 | -0.06669 | -0.03688 | 0.00746 |
| 205 | yteey | 28 | -0.00539 | -0.04630 | -0.04110 | -0.07218 | -0.03098 | -0.02826 | 0.22420 |
| 212 | yteedy | 27 | -0.00539 | -0.02044 | -0.04356 | -0.07587 | -0.06669 | 0.13554 | 0.07642 |
| 216 | qokeeey | 26 | -0.00539 | -0.21938 | -0.11253 | -0.02548 | 0.01023 | 0.33713 | 0.01541 |
| 216 | okeeey | 26 | -0.00539 | -0.14246 | -0.03560 | -0.17932 | 0.08715 | 0.26021 | 0.01541 |
| 222 | ytar | 25 | -0.00539 | -0.07408 | 0.07266 | -0.14229 | -0.06669 | -0.01900 | 0.23479 |
| 243 | ytedy | 23 | -0.00539 | 0.22544 | -0.11253 | 0.16850 | -0.06669 | -0.23478 | 0.02545 |
| 254 | otody | 22 | -0.00539 | -0.02357 | 0.06929 | -0.13387 | -0.02124 | -0.14189 | 0.25667 |
| 267 | okody | 21 | -0.00539 | -0.19104 | 0.25590 | -0.17932 | 0.09120 | -0.17299 | 0.20165 |
| 279 | yky | 20 | -0.00539 | 0.30370 | 0.08747 | -0.17932 | -0.06669 | -0.17826 | 0.03849 |
| 300 | okees | 18 | -0.00539 | -0.18519 | 0.33192 | -0.06821 | -0.06669 | -0.16714 | 0.16071 |
| 300 | ytal | 18 | -0.00539 | 0.07212 | 0.20326 | -0.02143 | -0.06669 | -0.27826 | 0.09638 |
| | **o[dlrsmg]** | | | | | | | | |
| 2 | ol | 536 | -0.00357 | -0.12872 | -0.06517 | 0.24326 | 0.00435 | -0.07971 | 0.02956 |
| 7 | or | 366 | 0.00261 | 0.04503 | -0.05919 | -0.00599 | 0.02397 | -0.10226 | 0.09582 |
| 60 | cseor | 97 | -0.00539 | 0.38737 | -0.06151 | -0.14871 | -0.01567 | -0.18642 | 0.03033 |
| 96 | odaiin | 59 | 0.01128 | 0.10370 | -0.01253 | -0.16266 | -0.00003 | -0.01159 | 0.07182 |
| 104 | cseody | 55 | 0.04915 | 0.23097 | -0.07616 | -0.16114 | -0.01215 | -0.06007 | 0.02940 |
| 107 | olaiin | 52 | -0.00539 | -0.10762 | 0.01955 | -0.06612 | 0.14085 | -0.01410 | 0.03283 |
| 112 | cseeody | 50 | -0.00539 | -0.01630 | 0.02747 | -0.17932 | 0.11331 | 0.02174 | 0.03849 |
| 115 | ody | 49 | -0.00539 | 0.15051 | 0.03641 | -0.11549 | 0.01841 | -0.19315 | 0.10870 |
| 118 | tol | 48 | -0.00539 | 0.08370 | 0.02747 | 0.04068 | -0.00669 | -0.15826 | 0.01849 |
| 140 | olkeedy | 42 | -0.00539 | -0.24868 | -0.11253 | 0.22544 | -0.06669 | 0.12651 | 0.08135 |
| 148 | olkeey | 39 | -0.00539 | -0.27130 | -0.08753 | 0.27068 | -0.04169 | 0.09674 | 0.03849 |
| 156 | qodaiin | 38 | -0.00539 | 0.08465 | -0.11253 | -0.15551 | -0.01907 | 0.10270 | 0.10516 |
| 160 | oraiin | 37 | -0.00539 | -0.13841 | -0.05989 | -0.12669 | 0.09120 | 0.06385 | 0.17533 |
| 163 | olor | 36 | -0.00539 | -0.07755 | -0.08128 | 0.35193 | -0.03544 | -0.15326 | 0.00099 |
| 175 | olkaiin | 33 | -0.00539 | -0.14479 | -0.11253 | 0.03280 | -0.06669 | 0.17629 | 0.12031 |
| 205 | os | 28 | -0.00539 | 0.04853 | 0.02540 | -0.14484 | 0.07124 | -0.10584 | 0.11090 |
| 231 | tor | 24 | -0.00539 | 0.24536 | -0.07086 | -0.01266 | 0.01664 | -0.19492 | 0.02182 |
| 231 | pol | 24 | -0.00539 | -0.21297 | -0.11253 | 0.32068 | -0.06669 | 0.05508 | 0.02182 |
| 243 | om | 23 | -0.00539 | 0.00805 | 0.01791 | -0.17932 | 0.06374 | 0.02609 | 0.06892 |
| 243 | olky | 23 | -0.00539 | -0.12239 | -0.11253 | 0.42937 | -0.02321 | -0.23478 | 0.06892 |
| 243 | odar | 23 | 0.03628 | -0.04630 | -0.07086 | -0.13766 | -0.02503 | 0.13841 | 0.10516 |
| 254 | cseodaiin | 22 | -0.00539 | 0.38552 | -0.06707 | -0.17932 | -0.06669 | -0.09644 | 0.02940 |
| 267 | olkar | 21 | -0.00539 | -0.29630 | -0.06491 | 0.10639 | -0.06669 | -0.13540 | 0.46230 |
| 267 | keody | 21 | -0.00539 | 0.15824 | 0.11475 | -0.17932 | 0.02422 | -0.14189 | 0.02940 |
| 279 | qoeedy | 20 | -0.00539 | -0.29630 | -0.11253 | 0.12068 | -0.06669 | 0.32174 | 0.03849 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **o[dlrsmg] ← y-Base** | | | | | | | | |
| 243 | olcseedy | 23 | -0.00539 | -0.25282 | -0.11253 | 0.42937 | -0.06669 | -0.06086 | 0.06892 |
| 104 | qokcedy | 55 | -0.00539 | 0.00727 | -0.07681 | 0.08853 | -0.06669 | -0.02826 | 0.08135 |
| 112 | opceedy | 50 | -0.00539 | -0.21630 | -0.09253 | 0.12068 | -0.06669 | 0.24174 | 0.01849 |
| 171 | otceedy | 34 | -0.00539 | -0.20807 | -0.08311 | -0.03226 | -0.06669 | 0.22174 | 0.17378 |
| 183 | qopceedy | 31 | -0.00539 | -0.29630 | -0.11253 | 0.07068 | -0.06669 | 0.40924 | 0.00099 |
| 190 | otceey | 30 | -0.00539 | 0.05854 | -0.01575 | -0.05029 | -0.06669 | 0.04433 | 0.03526 |
| 197 | opceey | 29 | -0.00539 | -0.08941 | 0.02540 | -0.04139 | -0.03221 | 0.13554 | 0.00746 |
| 212 | otcedy | 27 | -0.00539 | 0.03703 | 0.03562 | -0.10525 | -0.06669 | 0.01804 | 0.08664 |
| 222 | okceedy | 25 | -0.00539 | -0.21630 | 0.04747 | -0.09932 | -0.06669 | 0.32174 | 0.01849 |
| 231 | qotceedy | 24 | -0.00539 | -0.29630 | -0.07086 | -0.01266 | -0.06669 | 0.43008 | 0.02182 |
| 231 | qotcedy | 24 | -0.00539 | -0.08797 | -0.11253 | -0.09599 | -0.06669 | 0.22174 | 0.14682 |
| 267 | okcedy | 21 | -0.00539 | 0.03703 | 0.03033 | -0.03647 | -0.06669 | -0.08778 | 0.12897 |
| 293 | ytcey | 19 | -0.00539 | 0.38791 | -0.00726 | -0.17932 | -0.01406 | -0.22562 | 0.04375 |
| 293 | opcedy | 19 | -0.00539 | -0.13841 | -0.11253 | -0.07406 | -0.06669 | 0.24806 | 0.14902 |
| | **o ← a-Base** | | | | | | | | |
| 300 | oar | 18 | -0.00539 | -0.12964 | 0.16525 | -0.17932 | -0.06669 | 0.05508 | 0.16071 |

Table 18.11: Repeatability in the Voynich Manuscript

| Word | Word Count | Single Repetition Count | Triple Repeater | Repetition Score |
|---|---|---|---|---|
| **o[fptk]** | | | | |
| qokeey | 305 | 2 | | 0.0000045 |
| qokeedy | 301 | 5 | √ | 0.0000101 |
| qokain | 272 | 2 | | 0.0000036 |
| qokedy | 262 | 9 | √ | 0.0000155 |
| qokaiin | 258 | 2 | | 0.0000058 |
| okaiin | 205 | 5 | √ | 0.0000296 |
| qokal | 190 | 2 | | 0.0000064 |
| okeey | 176 | 2 | | 0.0000121 |
| otedy | 161 | 2 | | 0.0000130 |
| otaiin | 148 | 2 | | 0.0000182 |
| okain | 141 | 2 | | 0.0000104 |
| otar | 141 | 2 | | 0.0000125 |
| qoky | 140 | 2 | | 0.0000085 |
| otal | 139 | 2 | | 0.0000137 |
| okar | 138 | 2 | | 0.0000116 |
| oteey | 138 | 2 | | 0.0000324 |
| okedy | 118 | 2 | | 0.0000115 |
| oty | 114 | 2 | | 0.0000219 |
| qokey | 108 | 2 | | 0.0000078 |
| okeedy | 104 | 2 | | 0.0000119 |
| oky | 102 | 2 | | 0.0000270 |
| oteedy | 102 | 2 | | 0.0000229 |
| qokol | 99 | 2 | | 0.0000216 |
| otain | 97 | 2 | | 0.0000304 |
| qotedy | 91 | 2 | | 0.0000177 |
| qoty | 87 | 2 | | 0.0000287 |
| qoteedy | 72 | 2 | | 0.0000243 |
| okeol | 64 | 2 | | 0.0000402 |
| okey | 64 | 2 | | 0.0000211 |
| ykeey | 58 | 2 | | 0.0000383 |
| qotal | 56 | 2 | | 0.0000275 |
| otam | 47 | 2 | | 0.0000613 |
| qotol | 47 | 2 | | 0.0000641 |
| ykaiin | 45 | 2 | | 0.0000204 |
| ytaiin | 42 | 5 | √ | 0.0001795 |
| oteol | 39 | 2 | | 0.0000569 |
| ceoky | 37 | 2 | | 0.0001133 |
| qokor | 35 | 2 | | 0.0000328 |
| qokeody | 32 | 2 | | 0.0001038 |
| qotor | 29 | 2 | | 0.0001444 |
| okair | 25 | 2 | | 0.0000458 |
| ytar | 25 | 2 | | 0.0000620 |
| yty | 24 | 2 | | 0.0001591 |
| ytedy | 23 | 2 | | 0.0000533 |
| otair | 22 | 2 | | 0.0002676 |
| otody | 22 | 5 | √ | 0.0010478 |
| okody | 21 | 2 | | 0.0002588 |
| otceor | 18 | 2 | | 0.0002426 |
| qokair | 18 | 2 | | 0.0000391 |
| ytal | 18 | 2 | | 0.0000240 |
| ceokaiin | 14 | 2 | | 0.0001533 |
| opaiin | 13 | 2 | | 0.0004252 |
| ykeol | 12 | 2 | | 0.0002220 |
| ceokeey | 10 | 2 | | 0.0000557 |
| ceokal | 8 | 2 | | 0.0000655 |
| ykceey | 6 | 2 | | 0.0016474 |
| okod | 5 | 2 | | 0.0006964 |
| ykaly | 5 | 2 | | 0.0000670 |
| ykceo | 5 | 2 | | 0.0002707 |
| okeear | 4 | 2 | | 0.0021834 |
| qotceeo | 4 | 2 | | 0.0018298 |
| okolaiin | 2 | 2 | | 0.0030211 |
| qoekol | 2 | 2 | | 0.0028249 |
| **o[fptk] ← y-Base** | | | | |
| qokcey | 68 | 2 | | 0.0000350 |

| | | | | |
|---|---|---|---|---|
| qokcedy | 55 | 2 | | 0.0000225 |
| qokceedy | 39 | 2 | | 0.0001227 |
| qopceedy | 31 | 2 | | 0.0000704 |
| otceey | 30 | 2 | | 0.0001375 |
| qokceey | 29 | 2 | | 0.0001490 |
| okalcey | 2 | 2 | | 0.0000732 |
| **o[dlrsmg]** | | | | |
| ol | 536 | 5 | √ | 0.0000063 |
| ceol | 388 | 5 | √ | 0.0000167 |
| or | 366 | 2 | | 0.0000048 |
| ceor | 209 | 2 | | 0.0000133 |
| cseol | 186 | 2 | | 0.0000145 |
| ceeol | 165 | 2 | | 0.0000120 |
| qol | 151 | 2 | | 0.0000058 |
| dol | 114 | 2 | | 0.0000131 |
| cseeol | 108 | 5 | √ | 0.0000523 |
| csey | 105 | 2 | | 0.0000175 |
| cseor | 97 | 2 | | 0.0000293 |
| cteol | 59 | 2 | | 0.0000435 |
| olkain | 31 | 2 | | 0.0000425 |
| dceor | 26 | 2 | | 0.0002680 |
| olkedy | 25 | 2 | | 0.0000599 |
| rol | 20 | 2 | | 0.0001209 |
| olkam | 10 | 2 | | 0.0000579 |
| olal | 8 | 2 | | 0.0005988 |
| ceeoldy | 3 | 2 | | 0.0000661 |
| tceeor | 3 | 2 | | 0.0007541 |
| oedas | 2 | 2 | | 0.0125000 |
| **o[dlrsmg] ← a-Base** | | | | |
| olceear | 1 | 2 | | 0.0003013 |
| **o** | | | | |
| cseo | 128 | 2 | | 0.0000281 |
| ceo | 65 | 2 | | 0.0000347 |
| kceo | 5 | 2 | | 0.0002921 |
| **o ← y-Base** | | | | |
| yceeey | 23 | 2 | | 0.0001023 |
| **y-Bases** | | | | |
| ceedy | 496 | 2 | | 0.0000020 |
| cseedy | 422 | 2 | | 0.0000020 |
| dy | 257 | 2 | | 0.0000072 |
| cey | 150 | 2 | | 0.0000137 |
| cedy | 149 | 2 | | 0.0000098 |
| ceckey | 140 | 2 | | 0.0000069 |
| lceedy | 119 | 2 | | 0.0000070 |
| ctey | 109 | 2 | | 0.0000271 |
| cectey | 76 | 2 | | 0.0000196 |
| keey | 44 | 2 | | 0.0000422 |
| lcseedy | 42 | 2 | | 0.0000198 |
| lkeedy | 41 | 2 | | 0.0000505 |
| lkeey | 41 | 2 | | 0.0000711 |
| ckey | 39 | 2 | | 0.0000640 |
| kedy | 39 | 2 | | 0.0000254 |
| cseeky | 38 | 2 | | 0.0000650 |
| ckeey | 31 | 2 | | 0.0000419 |
| kcey | 29 | 2 | | 0.0001622 |
| lkedy | 29 | 2 | | 0.0000680 |
| lcseey | 18 | 2 | | 0.0000536 |
| lceeedy | 9 | 2 | | 0.0003270 |
| eedy | 6 | 2 | | 0.0009615 |
| cseckeedy | 5 | 2 | | 0.0001894 |
| tceedy | 31 | 2 | | 0.0000999 |
| **a-Bases** | | | | |
| daiin | 835 | 5 | √ | 0.0000079 |
| aiin | 467 | 2 | | 0.0000051 |
| ar | 354 | 2 | | 0.0000061 |
| dar | 316 | 2 | | 0.0000045 |
| al | 259 | 2 | | 0.0000083 |
| dal | 240 | 2 | | 0.0000053 |
| dain | 208 | 2 | | 0.0000081 |
| saiin | 142 | 2 | | 0.0000118 |
| dair | 105 | 2 | | 0.0000399 |
| dam | 95 | 2 | | 0.0000185 |
| ain | 87 | 2 | | 0.0000092 |
| cear | 65 | 2 | | 0.0000329 |
| ceear | 47 | 2 | | 0.0000373 |
| ceaiin | 44 | 2 | | 0.0000947 |
| ceal | 43 | 2 | | 0.0000440 |
| taiin | 41 | 2 | | 0.0000360 |
| csear | 30 | 2 | | 0.0000440 |
| aiir | 25 | 2 | | 0.0001768 |
| kal | 22 | 2 | | 0.0000381 |
| ctear | 20 | 2 | | 0.0000763 |
| ceam | 19 | 2 | | 0.0000819 |
| tal | 17 | 2 | | 0.0000418 |
| cteaiin | 10 | 2 | | 0.0001738 |
| ceekaiin | 8 | 2 | | 0.0007342 |
| csean | 5 | 2 | | 0.0003724 |

| | | | | |
|---|---|---|---|---|
| **a-Base ← a-Base** | | | | |
| alar | 6 | 2 | | 0.0000754 |
| alaiin | 3 | 2 | | 0.0004125 |
| **a-Base ← y-Base** | | | | |
| daldy | 18 | 2 | | 0.0000511 |
| **[dlrsmg]** | | | | |
| s | 234 | 2 | | 0.0000093 |

Table 18.12: Thematic Adjectives and Adverbs in the Top 300 of Materia Medica

| Rank | Word | Word Count | Category |
|---|---|---|---|
| 46 | white | 366 | Color |
| 82 | black | 211 | Color |
| 98 | effective | 169 | Medicinal |
| 100 | menstrual | 168 | Anatomical |
| 108 | sharp | 162 | Shape |
| 122 | burnt | 147 | Spagyrics |
| 125 | thick | 142 | Shape |
| 128 | sweet | 139 | Sensory |
| 134 | strength | 130 | Mensural |
| 135 | head | 127 | Anatomical |
| 141 | rough | 124 | Shape |
| 143 | fat | 123 | Shape |
| 145 | old | 122 | Temporal |
| 146 | hard | 120 | Texture |
| 146 | wild | 120 | Flora, Fauna |
| 178 | red | 98 | Color |
| 179 | warm | 97 | Temperature |
| 191 | kind | 86 | Composition |
| 193 | bitter | 85 | Sensory |
| 200 | green | 84 | Color |
| 208 | purple | 81 | Color |
| 215 | hot | 78 | Temperature |
| 221 | painful | 76 | Pathology |
| 221 | excessive | 76 | Mensural |
| 232 | yellow | 71 | Color |
| 242 | bigger | 70 | Mensural |
| 246 | ceramic | 68 | Material |
| 246 | raw | 68 | Spagyrics |
| 282 | moist | 61 | Liquid |
| 282 | feet | 61 | Anatomical, Mensural |
| 291 | suitable | 60 | Property Assignment |
| 291 | strong | 60 | Mensural |
| 297 | smooth | 58 | Texture |
| 297 | slender | 58 | Shape |
| 314 | ground | 53 | Spagyrics, Mineral |
| | **Intersecting Verbs** | | |
| 45 | boiled | 383 | Alimentary, Medicinal, Spagyrics |
| 60 | mixed | 281 | Spagyrics |
| 120 | dried | 148 | Spagyrics |
| 127 | dry | 140 | Balneological |
| 132 | bitten | 134 | Alimentary, Fauna |
| 149 | smeared | 118 | Medicinal |
| 224 | burning | 75 | Spagyrics |
| 232 | washed | 71 | Balneological |
| | **Number** | | |
| 200 | twenty | 84 | Mensural |

Table 18.13: Thematic Adjectives and Adverbs in the Top 300 of the Spagyrics Reference

| Rank | Word | Word Count | Category |
|---|---|---|---|
| 75 | philosophical | 33 | Occult |
| 75 | different | 33 | Composition |
| 80 | together | 32 | Spatio-Temporal |
| 90 | dry | 29 | Liquid |
| 109 | volatile | 24 | Spagyrics |
| 109 | fixed | 24 | Mensural, Labor, Composition |
| 109 | fresh | 24 | Alimentary, Medicinal, Flora, Spagyrics |
| 119 | spagyric | 22 | Spagyrics |
| 134 | essential | 20 | Composition |
| 166 | white | 16 | Color |
| 176 | alembic | 15 | Spagyrics |
| 176 | purified | 15 | Spagyrics |
| 196 | pure | 14 | Spagyrics |
| 211 | small | 13 | Mensural |
| 226 | longer | 12 | Shape |
| 226 | solid | 12 | Material |
| 226 | alchemical | 12 | Spagyrics, Occult |
| 226 | color | 12 | Color |
| 246 | classical | 11 | Spatio-Temporal |
| 246 | mixed | 11 | Spagyrics |
| 270 | long | 10 | Shape |
| 270 | natural | 10 | Occult |
| 270 | perfect | 10 | Property Assignment |
| 270 | elemental | 10 | Spagyrics |
| 270 | clear | 10 | Property Assignment |
| 270 | dissolved | 10 | Spagyrics |
| 270 | combustible | 10 | Spagyrics |

| | | | |
|---|---|---|---|
| 270 | gently | 10 | Sensory |
| 298 | evaporated | 9 | Spagyrics, Liquid |
| 298 | possible | 9 | Property Assignment |
| 298 | frequently | 9 | Spatio-Temporal |
| 298 | slowly | 9 | Spatio-Temporal |
| 326 | essentia | 8 | Composition |
| 326 | higher | 8 | Shape |
| 326 | dried | 8 | Spagyrics |
| 326 | cold | 8 | Temperature |
| 326 | green | 8 | Color |
| 326 | essentials | 8 | Composition |
| 326 | balsam | 8 | Material |
| 326 | easily | 8 | Mensural |
| **Intersecting Verbs** | | | |
| 38 | distilled | 62 | Spagyrics |
| 52 | prepared | 43 | Spagyrics |
| 176 | filtered | 15 | Liquid |
| 176 | separated | 15 | Spagyrics |
| 196 | following | 14 | Spatio-Temporal |
| 211 | poured | 13 | Liquid |
| 226 | separate | 12 | Composition |
| 226 | fractionating | 12 | Spagyrics |
| 246 | repeated | 11 | Temporal |
| 298 | closed | 9 | Spatio-Temporal |
| 298 | remaining | 9 | Mensural, Spatio-Temporal |
| 326 | rectified | 8 | Mensural, Labor, Composition |
| 326 | incinerated | 8 | Spagyrics |
| **Adpositions** | | | |
| 298 | later | 9 | Spatio-Temporal |
| 298 | bottom | 9 | Spatio-Temporal |
| **Conjunctions** | | | |
| 119 | minus | 22 | Conjunction |
| 246 | according | 11 | Conjunction |
| **Numbers** | | | |
| 27 | three | 85 | Mensural |
| 211 | forty | 13 | Mensural |
| 298 | half | 9 | Mensural |
| 326 | quinta | 8 | Mensural |
| **Quantifiers** | | | |
| 270 | enough | 10 | Mensural |

Table 18.14: Thematic Adjectives and Adverbs in the Top 300 of *Vitruvius Pollio*

| Rank | Word | Word Count | Category |
|---|---|---|---|
| | **Adjectives and Adverbs** | | |
| 20 | hot | 6 | Temperature |
| 21 | tepid | 5 | Temperature |
| 38 | possible | 3 | Property Assignment |
| 38 | mixed | 3 | Spagyrics |
| 38 | hanging | 3 | Spatio-Temporal |
| 38 | round | 3 | Shape |
| 66 | bronze | 2 | Mineral |
| 66 | cold | 2 | Temperature |
| 66 | apart | 2 | Spatio-Temporal |
| 66 | serviceable | 2 | Attitude, Labor |
| 66 | two-foot | 2 | Mensural |
| 106 | lower | 1 | Spatio-Temporal |
| 106 | lowering | 1 | Spatio-Temporal |
| 106 | proper | 1 | Composition |
| 106 | proportioned | 1 | Mensural |
| 106 | regulated | 1 | Composition |
| 106 | mens | 1 | Personal |
| 106 | left | 1 | Location - Orientation |
| 106 | half | 1 | Mensural |
| 106 | supported | 1 | Composition, Balneological |
| 106 | vaulted | 1 | Balneological - Construction |
| 106 | vaulting | 1 | Balneological - Construction |
| 106 | together | 1 | Spatio-Temporal |
| 106 | sloping | 1 | Shape |
| 106 | smooth | 1 | Texture |
| 106 | situated | 1 | Location |
| 106 | square | 1 | Shape |
| 106 | roomy | 1 | Shape |
| 106 | waiting | 1 | Spatio-Temporal |
| 106 | warmest | 1 | Balneological |
| 106 | womens | 1 | Balneological, Medicinal, Anatomical |
| 106 | unflanged | 1 | Spagyrics |
| 106 | broad | 1 | Shape |
| 106 | completely | 1 | Mensural |
| 106 | curved | 1 | Shape |
| 106 | eight-inch | 1 | Mensural |
| 106 | entire | 1 | Mensural |
| 106 | equal | 1 | Mensural |
| 106 | evenly | 1 | Mensural |
| 106 | circular | 1 | Shape |
| 106 | facing | 1 | Spatio-Temporal |
| 106 | breadth | 1 | Spatio-Temporal |

| | | | |
|---|---|---|---|
| 106 | size | 1 | Shape |
| 106 | width | 1 | Mensural, Shape |
| 106 | length | 1 | Mensural, Shape |
| 106 | bottom | 1 | Spatio-Temporal |
| 106 | ground | 1 | Spagyrics, Mineral |
| 106 | principally | 1 | Mensural |
| 106 | readily | 1 | Mensural |
| | **Intersecting Verbs** | | |
| 106 | close | 1 | Spatio-Temporal |
| 106 | plastered | 1 | Spagyrics, Medicinal, Balneological |
| 106 | polished | 1 | Texture |
| 106 | selected | 1 | Composition |
| 106 | pounded | 1 | Spagyrics |
| 106 | lighted | 1 | Spagyrics, Balneological |
| 106 | heated | 1 | Balneological |
| 106 | daubed | 1 | Balneological |
| | **Adpositions** | | |
| 106 | up | 1 | Spatio-Temporal |
| 106 | middle | 1 | Spatio-Temporal |
| 106 | inside | 1 | Spatio-Temporal |
| 106 | out | 1 | Spatio-Temporal |
| 106 | over | 1 | Spatio-Temporal |
| 106 | top | 1 | Spatio-Temporal |
| 106 | towards | 1 | Spatio-Temporal |
| 106 | upper | 1 | Spatio-Temporal |
| | **Number** | | |
| 106 | pair | 1 | Mensural |
| 106 | quarter | 1 | Mensural |
| | **Quantifiers** | | |
| 106 | less | 1 | Mensural |
| | **Specifiers** | | |
| 106 | excluding | 1 | Composition |

Table 18.15: Thematic Adjectives and Adverbs in the Top 300 of *The Picatrix*

| Rank | Word | Word Count | Category |
|---|---|---|---|
| **Adjectives** | | | |
| 49 | small | 74 | Shape |
| 78 | white | 44 | Color |
| 85 | light | 42 | Cosmological |
| 96 | yellow | 36 | Color |
| 105 | black | 33 | Color |
| 115 | great | 31 | Mensural |
| 135 | golden | 27 | Color |
| 143 | different | 25 | Composition |
| 153 | high | 23 | Location, Mensural |
| 153 | dried | 23 | Spagyrics |
| 159 | spiritual | 22 | Cosmological |
| 159 | little | 22 | Shape |
| 167 | hard | 21 | Texture |
| 173 | evil | 20 | Cosmological, Medicinal |
| 173 | matters | 20 | Composition, Utilitarian |
| 187 | Indian | 19 | Location - Place of Origin |
| 187 | wood | 19 | Flora |
| 187 | green | 19 | Color |
| 187 | earlier | 19 | Spatio-Temporal |
| 187 | beautiful | 19 | Attitude |
| 203 | gold | 18 | Color |
| 203 | dressed | 18 | Clothing |
| 218 | pleasant | 17 | Attitude |
| 218 | ground | 17 | Spagyrics, Mineral |
| 232 | responsible | 16 | General Object |
| 244 | kind | 15 | Composition |
| 244 | honorable | 15 | Occult |
| 244 | happy | 15 | Emotional |
| 244 | bright | 15 | Color |
| 262 | color | 14 | Color |
| 262 | master | 14 | Occult |
| 276 | equal | 13 | Mensural |
| 276 | colored | 13 | Color |
| 293 | magnificent | 12 | Attitude |
| 316 | Arabic | 11 | Location - Place of Origin |
| **Adpositions** | | | |
| 87 | up | 40 | Spatio-Temporal |
| 124 | out | 29 | Spatio-Temporal |
| 131 | back | 28 | Spatio-Temporal |
| 203 | facing | 18 | Spatio-Temporal |
| 218 | upper | 17 | Spatio-Temporal |
| 244 | middle | 15 | Spatio-Temporal |
| **Numbers** | | | |
| 218 | seventh | 17 | Mensural |
| 232 | twenty | 16 | Mensural |
| 244 | ten | 15 | Mensural |
| 276 | half | 13 | Mensural |
| **Interjections** | | | |
| 187 | Amen | 19 | Cosmological |

Table 18.16: Herbal-Positive Modifiers among the Top 300 Voynich Words

| | | | Section | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Rank | Word | # | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| | **y-Base** | | | | | | | | |
| 18 | dy | 257 | -0.00539 | 0.23779 | 0.02763 | 0.01386 | -0.00609 | -0.23659 | -0.03121 |
| 32 | cey | 150 | 0.00106 | 0.38757 | 0.00360 | -0.12126 | -0.03443 | -0.20729 | -0.02925 |
| 33 | cedy | 149 | 0.00141 | 0.09826 | -0.03089 | -0.02286 | -0.05989 | -0.00615 | 0.02012 |
| 35 | y | 145 | 0.02146 | 0.20034 | 0.08210 | -0.07865 | -0.05327 | -0.11047 | -0.06151 |
| 41 | ceckey | 140 | -0.00539 | 0.06084 | -0.09110 | 0.11353 | -0.04526 | 0.00032 | -0.03294 |
| 51 | ctey | 109 | 0.02140 | 0.57870 | -0.07681 | -0.17039 | -0.03991 | -0.26040 | -0.05258 |
| 54 | csey | 105 | -0.00539 | 0.36084 | -0.04586 | -0.06504 | -0.00955 | -0.20206 | -0.03294 |
| 78 | cectey | 76 | -0.00539 | 0.04136 | -0.06058 | 0.11938 | -0.05371 | -0.00553 | -0.03554 |
| 89 | ceeky | 64 | -0.00539 | 0.13447 | 0.05670 | -0.02548 | 0.01023 | -0.10902 | -0.06151 |
| 109 | csedy | 51 | -0.00539 | 0.06219 | -0.01819 | 0.02822 | -0.06669 | -0.05184 | 0.05170 |
| 115 | cteey | 49 | 0.01502 | 0.29553 | -0.05130 | -0.13851 | 0.13739 | -0.19662 | -0.06151 |
| 148 | ckey | 39 | -0.00539 | 0.50858 | -0.06375 | -0.15493 | 0.03087 | -0.25386 | -0.06151 |
| 156 | sy | 38 | -0.00539 | 0.25633 | -0.08621 | -0.02143 | 0.03857 | -0.22562 | 0.04375 |
| 183 | ckeey | 31 | 0.05343 | 0.08605 | -0.02429 | -0.12050 | 0.31566 | -0.24884 | -0.06151 |
| 190 | dcey | 30 | -0.00539 | 0.53703 | -0.01253 | -0.11266 | -0.06669 | -0.27826 | -0.06151 |
| 197 | kcey | 29 | 0.02909 | 0.63473 | -0.11253 | -0.17932 | -0.06669 | -0.24377 | -0.06151 |
| 231 | ceety | 24 | -0.00539 | 0.14370 | 0.04747 | 0.02068 | -0.02669 | -0.11826 | -0.06151 |
| 231 | ky | 24 | -0.00539 | 0.32870 | -0.02919 | -0.05432 | -0.06669 | -0.11159 | -0.06151 |
| 243 | tcey | 23 | -0.00539 | 0.45370 | 0.05414 | -0.13766 | -0.06669 | -0.27826 | -0.01984 |
| 254 | tceey | 22 | 0.04006 | 0.24915 | -0.11253 | -0.08841 | -0.02124 | -0.09644 | 0.02940 |
| 279 | kceey | 20 | -0.00539 | 0.32275 | -0.11253 | -0.03647 | -0.01907 | -0.13540 | -0.01389 |
| 293 | kcedy | 19 | -0.00539 | 0.40370 | -0.11253 | -0.02932 | -0.06669 | -0.22826 | 0.03849 |
| 300 | dceey | 18 | -0.00539 | 0.25925 | -0.05697 | -0.06821 | 0.04442 | -0.16714 | -0.00595 |
| 300 | ceky | 18 | -0.00539 | 0.25925 | -0.00141 | -0.12377 | -0.06669 | -0.00048 | -0.06151 |
| | **[dlrsmg]** | | | | | | | | |
| 20 | s | 234 | 0.00281 | 0.36353 | 0.01042 | -0.13014 | 0.03577 | -0.22907 | -0.05331 |
| 64 | r | 92 | -0.00539 | 0.06929 | 0.11328 | 0.01423 | 0.01933 | -0.17073 | -0.04001 |
| 112 | d | 50 | 0.01422 | 0.25272 | 0.22081 | -0.12050 | -0.06669 | -0.27826 | -0.02229 |
| 175 | ceees | 33 | -0.00539 | 0.03703 | -0.02162 | -0.02781 | 0.05452 | -0.03583 | -0.00090 |

Table 18.17: Modifiers with Positive Pharmacological Affinity among the Top 300 Voynich Words

| | | | | Section | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Rank | Word | Count | | 0 | 1 | 2 | 3 | 4 | 5 |
| | **y-Base** | | | | | | | | |
| 27 | ceeey | 173 | -0.00539 | -0.16913 | -0.04316 | 0.05189 | 0.03157 | 0.16105 | -0.02683 |
| 35 | cseeey | 145 | 0.00146 | -0.11137 | -0.05773 | 0.06725 | 0.03605 | 0.05736 | 0.00698 |
| 89 | ceeky | 64 | -0.00539 | 0.13447 | 0.05670 | -0.02548 | 0.01023 | -0.10902 | -0.06151 |
| 115 | cteey | 49 | 0.01502 | 0.29553 | -0.05130 | -0.13851 | 0.13739 | -0.19662 | -0.06151 |
| 131 | keey | 44 | 0.04006 | -0.02357 | 0.00111 | -0.08841 | 0.06967 | 0.06265 | -0.06151 |
| 148 | ckey | 39 | -0.00539 | 0.50858 | -0.06375 | -0.15493 | 0.03087 | -0.25386 | -0.06151 |
| 156 | sy | 38 | -0.00539 | 0.25633 | -0.08621 | -0.02143 | 0.03857 | -0.22562 | 0.04375 |
| 183 | ckeey | 31 | 0.05343 | 0.08605 | -0.02429 | -0.12050 | 0.31566 | -0.24884 | -0.06151 |
| 300 | dceey | 18 | -0.00539 | 0.25925 | -0.05697 | -0.06821 | 0.04442 | -0.16714 | -0.00595 |
| | **a-Base ← y-Base** | | | | | | | | |
| 300 | daldy | 18 | -0.00539 | -0.07408 | 0.05414 | 0.15401 | 0.04442 | -0.16714 | -0.00595 |
| | **[dlrsmg]** | | | | | | | | |
| 20 | s | 234 | 0.00281 | 0.36353 | 0.01042 | -0.13014 | 0.03577 | -0.22907 | -0.05331 |
| 64 | r | 92 | -0.00539 | 0.06929 | 0.11328 | 0.01423 | 0.01933 | -0.17073 | -0.04001 |
| 175 | ceees | 33 | -0.00539 | 0.03703 | -0.02162 | -0.02781 | 0.05452 | -0.03583 | -0.00090 |

Table 18.18: Modifiers with Positive Balneological Affinity among the Top 300 Voynich Words

| | | | **Section** | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Rank** | **Word** | **Count** | **0** | **1** | **2** | **3** | **4** | **5** | **6** |
| | **y-Base** | | | | | | | | |
| 3 | ceedy | 496 | -0.00539 | -0.16203 | -0.08848 | 0.23951 | -0.06469 | 0.10251 | -0.02143 |
| 5 | cseedy | 422 | -0.00539 | -0.21199 | -0.08208 | 0.40147 | -0.06435 | -0.01596 | -0.02170 |
| 9 | ceey | 337 | 0.00051 | -0.08391 | -0.05648 | 0.09501 | -0.00475 | 0.07573 | -0.02611 |
| 13 | cseey | 283 | 0.00510 | -0.14246 | -0.03211 | 0.17033 | -0.00026 | 0.01895 | -0.01955 |
| 18 | dy | 257 | -0.00539 | 0.23779 | 0.02763 | 0.01386 | -0.00609 | -0.23659 | -0.03121 |
| 27 | ceeey | 173 | -0.00539 | -0.16913 | -0.04316 | 0.05189 | 0.03157 | 0.16105 | -0.02683 |
| 35 | cseeey | 145 | 0.00146 | -0.11137 | -0.05773 | 0.06725 | 0.03605 | 0.05736 | 0.00698 |
| 41 | ceckey | 140 | -0.00539 | 0.06084 | -0.09110 | 0.11353 | -0.04526 | 0.00032 | -0.03294 |
| 47 | lceedy | 119 | -0.00539 | -0.27109 | -0.09572 | 0.31648 | -0.06669 | 0.18393 | -0.06151 |
| 71 | cseeedy | 84 | -0.00539 | -0.21297 | -0.08872 | 0.33258 | -0.05479 | 0.04317 | -0.01389 |
| 78 | cectey | 76 | -0.00539 | 0.04136 | -0.06058 | 0.11938 | -0.05371 | -0.00553 | -0.03554 |
| 95 | cseckey | 60 | -0.00539 | -0.14876 | -0.11253 | 0.29609 | -0.06669 | 0.04961 | -0.01233 |
| 96 | ceeedy | 59 | -0.00539 | -0.26240 | -0.06168 | 0.24441 | -0.01585 | 0.12852 | -0.02761 |
| 109 | csedy | 51 | -0.00539 | 0.06219 | -0.01819 | 0.02822 | -0.06669 | -0.05184 | 0.05170 |
| 109 | keedy | 51 | -0.00539 | -0.14246 | -0.11253 | 0.16683 | -0.06669 | 0.20251 | -0.04228 |
| 126 | ceeckey | 46 | -0.00539 | -0.12609 | -0.11253 | 0.24621 | -0.04542 | 0.08345 | -0.04023 |
| 128 | lceey | 45 | -0.00539 | -0.20741 | -0.06808 | 0.30957 | -0.04447 | 0.05508 | -0.03929 |
| 140 | lcseedy | 42 | -0.00539 | -0.27249 | -0.06491 | 0.39211 | -0.06669 | 0.07889 | -0.06151 |
| 147 | tedy | 40 | -0.00539 | -0.03440 | -0.11253 | 0.32068 | -0.06669 | -0.08778 | -0.01389 |
| 148 | kedy | 39 | -0.00539 | -0.00085 | -0.08980 | 0.25250 | -0.06669 | -0.05098 | -0.03878 |
| 156 | cseeky | 38 | 0.02093 | -0.08578 | -0.00726 | 0.29436 | -0.04038 | -0.12036 | -0.06151 |
| 165 | cseeckey | 35 | -0.00539 | -0.23916 | -0.11253 | 0.44925 | -0.06669 | 0.03603 | -0.06151 |
| 171 | pceedy | 34 | -0.00539 | -0.20807 | -0.08311 | 0.26185 | -0.06669 | 0.10410 | -0.00269 |
| 171 | dcseedy | 34 | -0.00539 | -0.10186 | -0.11253 | 0.43179 | -0.06669 | -0.16714 | 0.02182 |
| 183 | tceedy | 31 | -0.00539 | -0.14005 | -0.08128 | 0.16443 | -0.06669 | 0.03424 | 0.09474 |
| 183 | csectey | 31 | -0.00539 | -0.07050 | -0.04801 | 0.24003 | -0.06669 | 0.01207 | -0.06151 |
| 190 | ceckeey | 30 | -0.00539 | -0.09630 | -0.11253 | 0.12068 | -0.03336 | 0.15508 | -0.02818 |
| 197 | lkedy | 29 | -0.00539 | -0.19285 | -0.11253 | 0.06206 | -0.06669 | 0.37692 | -0.06151 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 205 | ceectey | 28 | -0.00539 | -0.15344 | -0.11253 | 0.42782 | -0.06669 | -0.02826 | -0.06151 |
| 212 | dceedy | 27 | -0.00539 | -0.11773 | -0.07681 | 0.17782 | -0.06669 | 0.07889 | 0.00992 |
| 222 | ldy | 25 | -0.00539 | -0.02707 | -0.07406 | 0.20529 | -0.06669 | -0.00902 | -0.02305 |
| 231 | ceety | 24 | -0.00539 | 0.14370 | 0.04747 | 0.02068 | -0.02669 | -0.11826 | -0.06151 |
| 243 | ceeeky | 23 | -0.00539 | -0.04630 | 0.05414 | 0.23734 | -0.06669 | -0.11159 | -0.06151 |
| 267 | kceedy | 21 | -0.00539 | -0.15344 | -0.11253 | 0.01115 | -0.06669 | 0.34079 | -0.01389 |
| 279 | teey | 20 | -0.00539 | -0.14630 | 0.03747 | 0.12068 | -0.06669 | 0.12174 | -0.06151 |
| 279 | cseectey | 20 | -0.00539 | -0.19630 | -0.06253 | 0.52068 | -0.06669 | -0.12826 | -0.06151 |
| 300 | lcseey | 18 | -0.00539 | -0.29630 | -0.11253 | 0.20957 | -0.06669 | 0.33286 | -0.06151 |
| 300 | lcedy | 18 | -0.00539 | -0.18519 | -0.11253 | 0.09845 | -0.01114 | 0.22174 | -0.00595 |
| | **a-Base ← y-Base** | | | | | | | | |
| 300 | daldy | 18 | -0.00539 | -0.07408 | 0.05414 | 0.15401 | 0.04442 | -0.16714 | -0.00595 |
| | **[dlrsmg]** | | | | | | | | |
| 64 | r | 92 | -0.00539 | 0.06929 | 0.11328 | 0.01423 | 0.01933 | -0.17073 | -0.04001 |
| 171 | cees | 34 | -0.00539 | -0.15344 | 0.03033 | 0.13496 | -0.00955 | 0.03603 | -0.03294 |
| 254 | ceed | 22 | -0.00539 | -0.16587 | -0.02557 | 0.08155 | -0.06669 | 0.20001 | -0.01803 |
| 279 | dl | 20 | -0.00539 | -0.09630 | -0.01253 | 0.07068 | -0.06669 | 0.02174 | 0.08849 |
| 293 | cseed | 19 | -0.00539 | -0.13841 | -0.05989 | 0.03120 | -0.06669 | 0.19543 | 0.04375 |

Table 18.19: Modifiers with Positive Rosette Section Affinity among the Top 300 Voynich Words

| Rank | Word | Count | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|---|---|---|
| | **y-Bases** | | | | | | | | |
| 33 | cedy | 149 | 0.00141 | 0.09826 | -0.03089 | -0.02286 | -0.05989 | -0.00615 | 0.02012 |
| 35 | cseeey | 145 | 0.00146 | -0.11137 | -0.05773 | 0.06725 | 0.03605 | 0.05736 | 0.00698 |
| 109 | csedy | 51 | -0.00539 | 0.06219 | -0.01819 | 0.02822 | -0.06669 | -0.05184 | 0.05170 |
| 156 | sy | 38 | -0.00539 | 0.25633 | -0.08621 | -0.02143 | 0.03857 | -0.22562 | 0.04375 |
| 171 | dcseedy | 34 | -0.00539 | -0.10186 | -0.11253 | 0.43179 | -0.06669 | -0.16714 | 0.02182 |
| 183 | tceedy | 31 | -0.00539 | -0.14005 | -0.08128 | 0.16443 | -0.06669 | 0.03424 | 0.09474 |
| 212 | dceedy | 27 | -0.00539 | -0.11773 | -0.07681 | 0.17782 | -0.06669 | 0.07889 | 0.00992 |
| 254 | tceey | 22 | 0.04006 | 0.24915 | -0.11253 | -0.08841 | -0.02124 | -0.09644 | 0.02940 |
| 293 | kcedy | 19 | -0.00539 | 0.40370 | -0.11253 | -0.02932 | -0.06669 | -0.22826 | 0.03849 |
| 279 | dl | 20 | -0.00539 | -0.09630 | -0.01253 | 0.07068 | -0.06669 | 0.02174 | 0.08849 |
| 293 | cseed | 19 | -0.00539 | -0.13841 | -0.05989 | 0.03120 | -0.06669 | 0.19543 | 0.04375 |

Table 18.20: Modifiers with Positive Cosmological Affinity among the Top 300 Voynich Words

| | | | Section | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Rank | Word | Count | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| | **y-Base** | | | | | | | | |
| 18 | dy | 257 | -0.00539 | 0.23779 | 0.02763 | 0.01386 | -0.00609 | -0.23659 | -0.03121 |
| 32 | cey | 150 | 0.00106 | 0.38757 | 0.00360 | -0.12126 | -0.03443 | -0.20729 | -0.02925 |
| 35 | y | 145 | 0.02146 | 0.20034 | 0.08210 | -0.07865 | -0.05327 | -0.11047 | -0.06151 |
| 89 | ceeky | 64 | -0.00539 | 0.13447 | 0.05670 | -0.02548 | 0.01023 | -0.10902 | -0.06151 |
| 131 | keey | 44 | 0.04006 | -0.02357 | 0.00111 | -0.08841 | 0.06967 | 0.06265 | -0.06151 |
| 231 | ceety | 24 | -0.00539 | 0.14370 | 0.04747 | 0.02068 | -0.02669 | -0.11826 | -0.06151 |
| 243 | tcey | 23 | -0.00539 | 0.45370 | 0.05414 | -0.13766 | -0.06669 | -0.27826 | -0.01984 |
| 243 | ceeeky | 23 | -0.00539 | -0.04630 | 0.05414 | 0.23734 | -0.06669 | -0.11159 | -0.06151 |
| 279 | teey | 20 | -0.00539 | -0.14630 | 0.03747 | 0.12068 | -0.06669 | 0.12174 | -0.06151 |
| | **a-Base ← y-Base** | | | | | | | | |
| 300 | daldy | 18 | -0.00539 | -0.07408 | 0.05414 | 0.15401 | 0.04442 | -0.16714 | -0.00595 |
| | **[dlrsmg]** | | | | | | | | |
| 20 | s | 234 | 0.00281 | 0.36353 | 0.01042 | -0.13014 | 0.03577 | -0.22907 | -0.05331 |
| 64 | r | 92 | -0.00539 | 0.06929 | 0.11328 | 0.01423 | 0.01933 | -0.17073 | -0.04001 |
| 100 | l | 57 | -0.00539 | -0.10332 | 0.15063 | -0.03897 | -0.04915 | 0.09017 | -0.04397 |
| 112 | d | 50 | 0.01422 | 0.25272 | 0.22081 | -0.12050 | -0.06669 | -0.27826 | -0.02229 |
| 171 | cees | 34 | -0.00539 | -0.15344 | 0.03033 | 0.13496 | -0.00955 | 0.03603 | -0.03294 |

Table 18.21: Non-Thematic Semantic Hierarchies of the 100 Most Common Verbs in English

| Rank | Verb | Semantic Category | Rank | Verb | Semantic Category |
|---|---|---|---|---|---|
| 1 | be | Property Assignment | 51 | stand | Spatial |
| 2 | have | Possessional | 52 | lose | Possessional |
| 3 | do | | 53 | pay | Monetary |
| 4 | say | Communication | 54 | meet | Spatial |
| 5 | go | Spatial | 55 | include | Composition |
| 6 | get | Possessional | 56 | continue | Temporal |
| 7 | make | Property Assignment | 57 | set | Spatial |
| 8 | know | Thought | 58 | learn | Thought |
| 9 | think | Thought | 59 | change | Property Assignment |
| 10 | take | Possessional | 60 | lead | Temporal |
| 11 | see | Sensory | 61 | understand | Thought |
| 12 | come | Spatial | 62 | watch | Sensory |
| 13 | want | Possessional | 63 | follow | Temporal |
| 14 | look | Sensory | 64 | stop | Temporal |
| 15 | use | Instrumental | 65 | create | Composition |
| 16 | find | Spatial | 66 | speak | Communication |
| 17 | give | Possessional | 67 | read | Communication |
| 18 | tell | Communication | 68 | allow | Volitional |
| 19 | work | Labor | 69 | add | Composition |
| 20 | call | Communication | 70 | spend | Monetary |
| 21 | try | Volitional | 71 | grow | Property Assignment, Flora |
| 22 | ask | Interrogative | 72 | open | Spatial |
| 23 | need | Possessional | 73 | walk | Spatial |
| 24 | feel | Sensory | 74 | win | Possessional |
| 25 | become | Property Assignment | 75 | offer | Possessional |
| 26 | leave | Spatial | 76 | remember | Thought |
| 27 | put | Spatial | 77 | love | Attitude |

| | | | | | |
|---|---|---|---|---|---|
| 28 | mean | Thought | 78 | consider | Thought |
| 29 | keep | Possessional | 79 | appear | Sensory |
| 30 | let | Volitional | 80 | buy | Monetary |
| 31 | begin | Temporal | 81 | wait | Temporal |
| 32 | seem | Property Assignment | 82 | serve | Possessional |
| 33 | help | Volitional | 83 | die | Organic |
| 34 | talk | Communication | 84 | send | Spatial |
| 35 | turn | Spatial, Property Assignment | 85 | expect | Temporal |
| 36 | start | Temporal | 86 | build | Composition |
| 37 | show | Communication | 87 | stay | Spatial |
| 38 | hear | Sensory | 88 | fall | Spatial |
| 39 | play | Labor | 89 | cut | Composition |
| 40 | run | Spatial | 90 | reach | Spatial |
| 41 | move | Spatial | 91 | kill | Organic |
| 42 | like | Attitude | 92 | remain | Spatial |
| 43 | live | Organic | 93 | suggest | Communication |
| 44 | believe | Thought | 94 | raise | Spatial |
| 45 | hold | Spatial | 95 | pass | Spatial |
| 46 | bring | Spatial | 96 | sell | Monetary |
| 47 | happen | Temporal | 97 | require | Composition |
| 48 | write | Communication | 98 | report | Communication |
| 49 | provide | Possessional | 99 | decide | Thought |
| 50 | sit | Spatial | 100 | pull | Spatial |

Table 18.22: Thematic Verbs in the Top 300 of *Materia Medica*

| Rank | Word | Count | Category |
|---|---|---|---|
| 16 | taken | 924 | Medicinal |
| 20 | drink | 767 | Alimentary, Medicinal |
| 21 | leaves | 761 | Flora |
| 34 | water | 524 | Liquid, Balneological, Flora |
| 35 | applied | 513 | Medicinal |
| 48 | seed | 353 | Flora |
| 49 | grows | 348 | Flora |
| 51 | pounded | 333 | Spagyrics |
| 64 | oil | 251 | Alimentary, Medicinal |
| 67 | rubbed | 249 | Medicinal |
| 69 | stomach | 246 | Anatomical |
| 83 | stalk | 205 | Flora |
| 88 | given | 198 | Possessional |
| 90 | take | 192 | Medicinal |
| 94 | eaten | 176 | Alimentary |
| 103 | fruit | 166 | Flora |
| 105 | smell | 164 | Sensory |
| 106 | taste | 163 | Sensory |
| 135 | head | 127 | Anatomical |
| 139 | stops | 125 | Spatio-Temporal |
| 141 | flower | 124 | Flora |
| 154 | salt | 116 | Alimentary, Medicinal, Spagyrics, Mineral |
| 158 | warming | 113 | Temperature |
| 170 | milk | 104 | Alimentary, Fauna |
| 175 | pour | 99 | Liquid |
| 184 | dissolves | 91 | Medicinal, Spagyrics |
| 185 | heals | 89 | Medicinal |
| 190 | skin | 87 | Medicinal |
| 191 | expels | 86 | Medicinal |
| 193 | cleans | 85 | Balneological |
| 204 | takes | 83 | Medicinal, Spatio-Temporal |
| 206 | causes | 82 | Medicinal |
| 208 | wounds | 81 | Pathology |
| 224 | troubled | 75 | Pathology, Utilitarian |
| 229 | bites | 72 | Fauna, Medicinal, Pathology |
| 232 | coughs | 71 | Pathology |
| 244 | growing | 69 | Flora |
| 256 | boil | 66 | Pathology, Spagyrics |
| 274 | wax | 62 | Material |
| 282 | fire | 61 | Material |
| 291 | soothes | 60 | Medicinal |
| 297 | bruised | 58 | Pathology |
| 297 | burns | 58 | Spagyrics, Balneological, Pathological |
| 303 | mix | 57 | Spagyrics |
| 308 | gathered | 55 | Possessional, Flora |
| 311 | griping | 54 | Pathology |
| 311 | broken | 54 | Pathology, Utilitarian, Labor |
| 311 | pitch | 54 | Material |
| 314 | ground | 53 | Spagyrics, Mineral |
| | **Intersecting Modifiers** | | |
| 45 | boiled | 383 | Alimentary, Medicinal, Spagyrics |
| 60 | mixed | 281 | Spagyrics |
| 120 | dried | 148 | Spagyrics |
| 127 | dry | 140 | Balneological |
| 132 | bitten | 134 | Alimentary, Fauna |
| 149 | smeared | 118 | Medicinal |
| 224 | burning | 75 | Spagyrics |
| 232 | washed | 71 | Balneological |

Table 18.23: Thematic Verbs in the Top 300 of the Spagyrics Reference

| Rank | Word | Count | Category |
|---|---|---|---|
| 38 | plant | 62 | Flora |
| 80 | work | 32 | Labor |
| 93 | added | 28 | Mensural |
| 100 | extracted | 26 | Spagyrics |
| 134 | extract | 20 | Spagyrics |
| 147 | pour | 18 | Liquid |
| 147 | process | 18 | Spagyrics |
| 154 | obtained | 17 | Possessional |
| 166 | calcined | 16 | Spagyrics |
| 166 | know | 16 | Thought |
| 166 | distill | 16 | Spagyrics |
| 176 | contains | 15 | Location |
| 211 | described | 13 | Communication |
| 211 | contain | 13 | Location |
| 226 | distilling | 12 | Spagyrics |
| 226 | rest | 12 | Medicinal, Spatio-Temporal (Quantifier too) |
| 270 | add | 10 | Mensural |
| 270 | experience | 10 | Thought |
| 298 | given | 9 | Possessional |
| 298 | dissolve | 9 | Spagyrics |
| 298 | begin | 9 | Spatio-Temporal |
| 298 | stand | 9 | Spatio-Temporal |
| 298 | remains | 9 | Composition, Spatio-Temporal |
| 326 | brought | 8 | Possessional |
| 326 | keep | 8 | Possessional |
| 326 | prepare | 8 | Spagyrics |
| 326 | sense | 8 | Sensory |
| **Intersecting Modifiers** | | | |
| 38 | distilled | 62 | Spagyrics |
| 52 | prepared | 43 | Spagyrics |
| 176 | filtered | 15 | Liquid |
| 176 | separated | 15 | Spagyrics |
| 196 | following | 14 | Spatio-Temporal |
| 211 | poured | 13 | Liquid |
| 226 | separate | 12 | Composition |
| 226 | fractionating | 12 | Spagyrics |
| 246 | repeated | 11 | Temporal |
| 298 | closed | 9 | Spatio-Temporal |
| 298 | remaining | 9 | Mensural, Spatio-Temporal |
| 326 | rectified | 8 | Mensural, Labor, Composition |
| 326 | incinerated | 8 | Spagyrics |

Table 18.24: Thematic Verbs in the Top 300 of *Vitruvius Pollio*

| Rank | Word | Word Count | Category |
|---|---|---|---|
| 38 | placed | 3 | Spatio-Temporal |
| 66 | constructed | 2 | Balneological - Room |
| 66 | built | 2 | Composition |
| 66 | spread | 2 | Spatio-Temporal |
| 66 | laid | 2 | Spatio-Temporal |
| 66 | sweating | 2 | Balneological |
| 66 | follows | 2 | Spatio-Temporal (also an Adposition) |
| 66 | adjoin | 2 | Spatio-Temporal (also an Adposition) |
| 66 | support | 2 | Composition, Utilitarian |
| 106 | doubled | 1 | Mensural (and a number) |
| 106 | circulate | 1 | Spagyrics |
| 106 | prevents | 1 | Spatio-Temporal |
| 106 | raising | 1 | Spatio-Temporal |
| 106 | replaced | 1 | Composition |
| 106 | obstruct | 1 | Spatio-Temporal |
| 106 | force | 1 | Mensural, Sensory, Shape |
| 106 | serve | 1 | Possessional, Occult |
| 106 | supplied | 1 | Possessional |
| 106 | thrown | 1 | Spatio-Temporal |
| 106 | hang | 1 | Spatio-Temporal |
| 106 | see | 1 | Sensory |
| 106 | stand | 1 | Spatio-Temporal |
| 106 | standing | 1 | Spatio-Temporal |
| 106 | stop | 1 | Spatio-Temporal |
| 106 | spoil | 1 | Alimentary, Spagyrics |
| 106 | depend | 1 | Composition |
| 106 | ing | 1 | Balneological |
| 106 | fail | 1 | Pathology, Utilitarian |
| 106 | ground | 1 | Spagyrics, Mineral |
| 106 | light | 1 | Color, Spagyrics, Balneological |
| 106 | cushion | 1 | Furniture |
| 106 | cover | 1 | Spatio-Temporal |
| 106 | work | 1 | Labor |
| 106 | flows | 1 | Balneological |
| 106 | step | 1 | Composition, Location - Motion, Personal |
| | **Intersecting Modifiers** | | |
| 106 | close | 1 | Spatio-Temporal |
| 106 | plastered | 1 | Spagyrics, Medicinal, Balneological |

| | | | |
|---|---|---|---|
| 106 | polished | 1 | Texture |
| 106 | selected | 1 | Composition |
| 106 | pounded | 1 | Spagyrics |
| 106 | lighted | 1 | Spagyrics, Balneological |
| 106 | heated | 1 | Balneological |
| 106 | daubed | 1 | Balneological |

Table 18.25: Thematic Verbs in the Top 300 of *The Picatrix*

| Rank | Word | Word Count | Category |
|---|---|---|---|
| 40 | rules | 80 | Cosmological |
| 53 | ask | 68 | Interrogative |
| 66 | sacrifice | 54 | Cosmological |
| 86 | take | 41 | Medicinal |
| 90 | mentioned | 39 | Communication |
| 108 | grant | 32 | Cosmological |
| 115 | desire | 31 | Attitude |
| 131 | love | 28 | Aphrodisiacs |
| 139 | request | 26 | Interrogative |
| 143 | tastes | 25 | Sensory |
| 147 | bring | 24 | Possessional |
| 153 | needs | 23 | Attitude, Composition |
| 173 | bow | 20 | Cosmological |
| 173 | invoke | 20 | Cosmological |
| 173 | requires | 20 | Composition |
| 187 | eat | 19 | Alimentary |
| 187 | wish | 19 | Utilitarian |
| 187 | glue | 19 | Material |
| 203 | mix | 18 | Spagyrics |
| 203 | hold | 18 | Possessional |
| 218 | keep | 17 | Possessional |
| 218 | see | 17 | Sensory |
| 218 | invoking | 17 | Occult |
| 218 | ground | 17 | Spagyrics, Mineral |
| 232 | add | 16 | Mensural |
| 232 | repeat | 16 | Spatio-Temporal |
| 244 | draw | 15 | Possessional |
| 244 | taking | 15 | Possessional, Medicinal |
| 244 | harm | 15 | Occult |
| 262 | grind | 14 | Spagyrics |
| 262 | master | 14 | Occult |
| 276 | requests | 13 | Interrogative |
| 293 | burn | 12 | Spagyrics |
| 293 | obey | 12 | Occult |
| 293 | know | 12 | Thought |
| 293 | answer | 12 | Communication |
| 293 | taste | 12 | Sensory |
| 293 | descending | 12 | Spatio-Temporal (also an adposition) |

Table 18.26: Herbal-Positive Verbs among the Top 300 Voynich Words

| | | | Section | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Rank | Word | # | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| | **a-Base** | | | | | | | | |
| 1 | daiin | 835 | 0.00277 | 0.25381 | -0.05425 | -0.08026 | 0.04753 | -0.13723 | -0.03237 |
| 10 | dar | 316 | 0.00084 | 0.06195 | 0.02455 | 0.03563 | -0.00127 | -0.14741 | 0.02572 |
| 22 | dain | 208 | 0.01853 | 0.11518 | -0.09339 | 0.03599 | -0.00449 | -0.02467 | -0.04716 |
| 37 | saiin | 142 | -0.00539 | 0.00925 | -0.05697 | 0.10540 | 0.00275 | -0.02131 | -0.03373 |
| 54 | dair | 105 | 0.00404 | 0.01502 | 0.09502 | -0.15102 | 0.02765 | -0.00467 | 0.01396 |
| 62 | dam | 95 | -0.00539 | 0.20885 | 0.00088 | -0.09685 | 0.04671 | -0.16485 | 0.01065 |
| 86 | cear | 65 | -0.00539 | 0.10950 | 0.03240 | -0.10686 | -0.06669 | 0.09856 | -0.06151 |
| 86 | kaiin | 65 | 0.02538 | 0.07293 | -0.09714 | -0.08702 | -0.06669 | 0.13713 | 0.01541 |
| 115 | kar | 49 | -0.00539 | 0.08831 | -0.03560 | -0.06394 | -0.06669 | 0.06790 | 0.01541 |
| 131 | ceaiin | 44 | -0.00539 | 0.50370 | -0.09030 | -0.17932 | -0.06669 | -0.12270 | -0.03929 |
| 143 | taiin | 41 | -0.00539 | 0.08465 | -0.01729 | -0.10789 | -0.04288 | 0.07889 | 0.00992 |
| 231 | dary | 24 | -0.00539 | 0.07870 | 0.13747 | -0.01266 | -0.02503 | -0.11159 | -0.06151 |
| 243 | daiir | 23 | -0.00539 | 0.03703 | 0.38747 | -0.17932 | -0.02503 | -0.19492 | -0.01984 |
| 254 | daiiin | 22 | -0.00539 | 0.06733 | 0.02384 | -0.13387 | 0.02422 | -0.05098 | 0.07485 |
| 267 | dan | 21 | 0.09461 | 0.40370 | -0.06253 | -0.17932 | 0.03331 | -0.27826 | -0.01151 |
| 279 | cseaiin | 20 | 0.04461 | 0.35370 | -0.11253 | -0.17932 | -0.06669 | 0.02174 | -0.06151 |
| 279 | ctear | 20 | 0.14461 | 0.45370 | -0.11253 | -0.12932 | -0.06669 | -0.22826 | -0.06151 |
| 293 | ceam | 19 | -0.00539 | 0.25370 | 0.13747 | -0.07932 | -0.06669 | -0.17826 | -0.06151 |
| 300 | cedal | 18 | -0.00539 | 0.03703 | -0.11253 | -0.17932 | -0.06669 | 0.11063 | 0.21627 |
| 300 | ceain | 18 | -0.00539 | 0.25925 | -0.11253 | -0.12377 | -0.06669 | 0.11063 | -0.06151 |

Table 18.27: Verbs with Positive Pharmacological Affinity among the Top 300 Voynich Words

| | | | | Section | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Rank | Word | Count | | 0 | 1 | 2 | 3 | 4 | 5 |
| | **a-Base** | | | | | | | | |
| 1 | daiin | 835 | 0.00277 | 0.25381 | -0.05425 | -0.08026 | 0.04753 | -0.13723 | -0.03237 |
| 19 | dal | 240 | 0.00261 | -0.03630 | 0.09147 | 0.08468 | 0.04131 | -0.17026 | -0.01351 |
| 37 | saiin | 142 | -0.00539 | 0.00925 | -0.05697 | 0.10540 | 0.00275 | -0.02131 | -0.03373 |
| 54 | dair | 105 | 0.00404 | 0.01502 | 0.09502 | -0.15102 | 0.02765 | -0.00467 | 0.01396 |
| 62 | dam | 95 | -0.00539 | 0.20885 | 0.00088 | -0.09685 | 0.04671 | -0.16485 | 0.01065 |
| 67 | ain | 87 | -0.00539 | -0.17130 | -0.10116 | 0.01386 | 0.00149 | 0.25584 | 0.00667 |
| 73 | sar | 81 | -0.00539 | -0.12763 | 0.09229 | 0.03754 | 0.00560 | -0.03729 | 0.03488 |
| 104 | sal | 55 | -0.00539 | -0.05994 | 0.01475 | 0.20250 | 0.04240 | -0.15098 | -0.04333 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 122 | ceear | 47 | 0.01422 | -0.02179 | -0.01449 | -0.08128 | 0.03135 | 0.07469 | -0.00269 |
| 254 | daiiin | 22 | -0.00539 | 0.06733 | 0.02384 | -0.13387 | 0.02422 | -0.05098 | 0.07485 |
| 267 | dan | 21 | 0.09461 | 0.40370 | -0.06253 | -0.17932 | 0.03331 | -0.27826 | -0.01151 |
| | **a-Base ← y-Base** | | | | | | | | |
| 300 | daldy | 18 | -0.00539 | -0.07408 | 0.05414 | 0.15401 | 0.04442 | -0.16714 | -0.00595 |

Table 18.28: Verbs with Positive Balneological Affinity among the Top 300 Voynich Words

| | | | Section | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Rank** | **Word** | **Count** | **0** | **1** | **2** | **3** | **4** | **5** | **6** |
| | **a-Base** | | | | | | | | |
| 10 | dar | 316 | 0.00084 | 0.06195 | 0.02455 | 0.03563 | -0.00127 | -0.14741 | 0.02572 |
| 19 | dal | 240 | 0.00261 | -0.03630 | 0.09147 | 0.08468 | 0.04131 | -0.17026 | -0.01351 |
| 22 | dain | 208 | 0.01853 | 0.11518 | -0.09339 | 0.03599 | -0.00449 | -0.02467 | -0.04716 |
| 37 | saiin | 142 | -0.00539 | 0.00925 | -0.05697 | 0.10540 | 0.00275 | -0.02131 | -0.03373 |
| 67 | ain | 87 | -0.00539 | -0.17130 | -0.10116 | 0.01386 | 0.00149 | 0.25584 | 0.00667 |
| 73 | sar | 81 | -0.00539 | -0.12763 | 0.09229 | 0.03754 | 0.00560 | -0.03729 | 0.03488 |
| 79 | raiin | 72 | -0.00539 | -0.22964 | -0.07253 | 0.03401 | -0.01336 | 0.32174 | -0.03484 |
| 84 | sain | 67 | -0.00539 | -0.23748 | -0.09782 | 0.24715 | -0.02258 | 0.11880 | -0.00269 |
| 104 | sal | 55 | -0.00539 | -0.05994 | 0.01475 | 0.20250 | 0.04240 | -0.15098 | -0.04333 |
| 122 | kain | 47 | -0.00539 | -0.15047 | -0.11253 | 0.17484 | -0.06669 | 0.15924 | 0.00099 |
| 190 | csear | 30 | 0.02491 | -0.05388 | -0.02162 | 0.03280 | -0.03639 | 0.02478 | 0.02940 |
| 190 | daly | 30 | -0.00539 | -0.07050 | 0.24231 | 0.11100 | -0.00218 | -0.24600 | -0.02925 |
| 205 | ceeal | 28 | -0.00539 | -0.22964 | 0.05414 | 0.02068 | -0.03336 | 0.25508 | -0.06151 |
| 216 | rain | 26 | -0.00539 | -0.29630 | -0.07406 | 0.05145 | -0.06669 | 0.45251 | -0.06151 |
| 254 | kal | 22 | -0.00539 | -0.07891 | 0.01791 | 0.08155 | -0.06669 | 0.06957 | -0.01803 |
| 254 | rar | 22 | -0.00539 | -0.29630 | 0.06929 | 0.04795 | -0.02124 | 0.22174 | -0.01606 |
| 267 | cseear | 21 | 0.04223 | -0.15344 | -0.01729 | 0.05877 | -0.01907 | 0.15032 | -0.06151 |
| | **a-Base ← y-Base** | | | | | | | | |
| 300 | daldy | 18 | -0.00539 | -0.07408 | 0.05414 | 0.15401 | 0.04442 | -0.16714 | -0.00595 |

Table 18.29: Verbs with Positive Rosette Section Affinity among the Top 300 Voynich Words

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Rank** | **Word** | **Count** | **0** | **1** | **2** | **3** | **4** | **5** | **6** |
| | **a-Bases** | | | | | | | | |
| 4 | aiin | 467 | -0.00539 | -0.07337 | 0.00212 | -0.11138 | -0.00088 | 0.13576 | 0.05314 |
| 8 | ar | 354 | -0.00265 | -0.10452 | 0.11761 | -0.12179 | -0.05847 | 0.11353 | 0.05630 |
| 10 | dar | 316 | 0.00084 | 0.06195 | 0.02455 | 0.03563 | -0.00127 | -0.14741 | 0.02572 |
| 16 | al | 259 | -0.00539 | -0.20984 | 0.10176 | -0.09286 | -0.03662 | 0.23678 | 0.00616 |
| 54 | dair | 105 | 0.00404 | 0.01502 | 0.09502 | -0.15102 | 0.02765 | -0.00467 | 0.01396 |
| 62 | dam | 95 | -0.00539 | 0.20885 | 0.00088 | -0.09685 | 0.04671 | -0.16485 | 0.01065 |
| 67 | ain | 87 | -0.00539 | -0.17130 | -0.10116 | 0.01386 | 0.00149 | 0.25584 | 0.00667 |
| 72 | am | 82 | -0.00539 | -0.07011 | 0.08985 | -0.14361 | -0.03098 | 0.07889 | 0.08135 |
| 73 | sar | 81 | -0.00539 | -0.12763 | 0.09229 | 0.03754 | 0.00560 | -0.03729 | 0.03488 |
| 76 | air | 79 | -0.00539 | -0.15706 | 0.15330 | -0.15401 | -0.02872 | 0.13947 | 0.05241 |
| 86 | kaiin | 65 | 0.02538 | 0.07293 | -0.09714 | -0.08702 | -0.06669 | 0.13713 | 0.01541 |
| 115 | kar | 49 | -0.00539 | 0.08831 | -0.03560 | -0.06394 | -0.06669 | 0.06790 | 0.01541 |
| 118 | aiiin | 48 | -0.00539 | -0.21297 | -0.11253 | -0.07516 | -0.00419 | 0.15924 | 0.25099 |
| 118 | lkaiin | 48 | -0.00539 | -0.29630 | -0.11253 | -0.07728 | -0.06669 | 0.53807 | 0.02012 |
| 122 | kain | 47 | -0.00539 | -0.15047 | -0.11253 | 0.17484 | -0.06669 | 0.15924 | 0.00099 |
| 135 | tar | 43 | -0.00539 | -0.00085 | -0.06707 | -0.04296 | -0.06669 | 0.06265 | 0.12031 |
| 143 | taiin | 41 | -0.00539 | 0.08465 | -0.01729 | -0.10789 | -0.04288 | 0.07889 | 0.00992 |
| 180 | ceedaiin | 32 | -0.00539 | -0.20255 | 0.04372 | -0.02307 | -0.06669 | 0.25299 | 0.00099 |
| 190 | csear | 30 | 0.02491 | -0.05388 | -0.02162 | 0.03280 | -0.03639 | 0.02478 | 0.02940 |
| 190 | lkar | 30 | -0.00539 | -0.29630 | -0.11253 | -0.01266 | -0.06669 | 0.42174 | 0.07182 |
| 190 | sair | 30 | -0.00539 | -0.06297 | 0.05414 | -0.07932 | -0.00003 | -0.01159 | 0.10516 |
| 205 | ary | 28 | -0.00539 | -0.18916 | 0.17319 | -0.00075 | -0.06669 | 0.00746 | 0.08135 |
| 222 | aiir | 25 | -0.00539 | -0.13630 | 0.12747 | -0.17932 | -0.06669 | 0.20174 | 0.05849 |
| 254 | daiiin | 22 | -0.00539 | 0.06733 | 0.02384 | -0.13387 | 0.02422 | -0.05098 | 0.07485 |
| 267 | cedar | 21 | -0.00539 | -0.20106 | -0.01729 | -0.03647 | -0.06669 | 0.19794 | 0.12897 |
| 300 | cedal | 18 | -0.00539 | 0.03703 | -0.11253 | -0.17932 | -0.06669 | 0.11063 | 0.21627 |

Table 18.30: Verbs with Positive Cosmological Affinity among the Top 300 Voynich Words

| | | | Section | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Rank | Word | Count | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| | **a-Base** | | | | | | | | |
| 4 | aiin | 467 | -0.00539 | -0.07337 | 0.00212 | -0.11138 | -0.00088 | 0.13576 | 0.05314 |
| 8 | ar | 354 | -0.00265 | -0.10452 | 0.11761 | -0.12179 | -0.05847 | 0.11353 | 0.05630 |
| 10 | dar | 316 | 0.00084 | 0.06195 | 0.02455 | 0.03563 | -0.00127 | -0.14741 | 0.02572 |
| 16 | al | 259 | -0.00539 | -0.20984 | 0.10176 | -0.09286 | -0.03662 | 0.23678 | 0.00616 |
| 19 | dal | 240 | 0.00261 | -0.03630 | 0.09147 | 0.08468 | 0.04131 | -0.17026 | -0.01351 |
| 54 | dair | 105 | 0.00404 | 0.01502 | 0.09502 | -0.15102 | 0.02765 | -0.00467 | 0.01396 |
| 62 | dam | 95 | -0.00539 | 0.20885 | 0.00088 | -0.09685 | 0.04671 | -0.16485 | 0.01065 |
| 72 | am | 82 | -0.00539 | -0.07011 | 0.08985 | -0.14361 | -0.03098 | 0.07889 | 0.08135 |
| 73 | sar | 81 | -0.00539 | -0.12763 | 0.09229 | 0.03754 | 0.00560 | -0.03729 | 0.03488 |
| 76 | air | 79 | -0.00539 | -0.15706 | 0.15330 | -0.15401 | -0.02872 | 0.13947 | 0.05241 |
| 86 | cear | 65 | -0.00539 | 0.10950 | 0.03240 | -0.10686 | -0.06669 | 0.09856 | -0.06151 |
| 104 | sal | 55 | -0.00539 | -0.05994 | 0.01475 | 0.20250 | 0.04240 | -0.15098 | -0.04333 |
| 135 | ceal | 43 | 0.01589 | -0.16864 | 0.14279 | -0.03039 | -0.06669 | 0.14728 | -0.04023 |
| 180 | ceedaiin | 32 | -0.00539 | -0.20255 | 0.04372 | -0.02307 | -0.06669 | 0.25299 | 0.00099 |
| 190 | sair | 30 | -0.00539 | -0.06297 | 0.05414 | -0.07932 | -0.00003 | -0.01159 | 0.10516 |
| 190 | daly | 30 | -0.00539 | -0.07050 | 0.24231 | 0.11100 | -0.00218 | -0.24600 | -0.02925 |
| 197 | aly | 29 | -0.00539 | -0.19285 | 0.37023 | -0.04139 | -0.06669 | -0.00239 | -0.06151 |
| 205 | ceeal | 28 | -0.00539 | -0.22964 | 0.05414 | 0.02068 | -0.03336 | 0.25508 | -0.06151 |
| 205 | ary | 28 | -0.00539 | -0.18916 | 0.17319 | -0.00075 | -0.06669 | 0.00746 | 0.08135 |
| 222 | aiir | 25 | -0.00539 | -0.13630 | 0.12747 | -0.17932 | -0.06669 | 0.20174 | 0.05849 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 231 | ceedal | 24 | -0.00539 | -0.21297 | 0.01247 | -0.09599 | -0.06669 | 0.43008 | -0.06151 |
| 231 | dary | 24 | -0.00539 | 0.07870 | 0.13747 | -0.01266 | -0.02503 | -0.11159 | -0.06151 |
| 243 | daiir | 23 | -0.00539 | 0.03703 | 0.38747 | -0.17932 | -0.02503 | -0.19492 | -0.01984 |
| 254 | kal | 22 | -0.00539 | -0.07891 | 0.01791 | 0.08155 | -0.06669 | 0.06957 | -0.01803 |
| 254 | daiiin | 22 | -0.00539 | 0.06733 | 0.02384 | -0.13387 | 0.02422 | -0.05098 | 0.07485 |
| 254 | rar | 22 | -0.00539 | -0.29630 | 0.06929 | 0.04795 | -0.02124 | 0.22174 | -0.01606 |
| 293 | ceam | 19 | -0.00539 | 0.25370 | 0.13747 | -0.07932 | -0.06669 | -0.17826 | -0.06151 |
| 300 | cseeal | 18 | -0.00539 | -0.24075 | 0.16525 | -0.01266 | -0.06669 | 0.22174 | -0.06151 |
| | **a-Base ← y-Base** | | | | | | | | |
| 300 | daldy | 18 | -0.00539 | -0.07408 | 0.05414 | 0.15401 | 0.04442 | -0.16714 | -0.00595 |

Table 19.1: Voynich Plants with Non-Zero Identification Scores at the End of the Project

| Plant Name | ID Score | Former Names | Possible Duplicate Figure Matches | Planets |
|---|---|---|---|---|
| f1v Nightshade/Belladonna | 1 | | f102r1 #4 | Mars, Saturn |
| f2r Centaurea Benedicta/Cyanus/Diffusa | 1 | Diffuse Knapweed | | Saturn |
| f2v Nymphoides/Water Lily | 1 | | | Moon |
| f3r Sawtooth Spurge | 1 | | | Venus, Mars, Saturn, Moon |
| f3v Mugwort/Wormwood Subtype (not Vulgaris) | 0.4 | | | Mars, Saturn, Moon |
| f4r Rosemary Heather | 1 | Alpine Saxifrage | | Venus |
| f4v Rampion | 1 | | | Mercury |
| f5r Winter Wolfsbane | 1 | Wolfsbane | | Mars, Saturn |
| f5v Mallow | 1 | | | Venus |
| f6r Hawkweed/Hawksbeard | 0.4 | | | Saturn |
| f6v Ricin | 1 | f6v Sea Holly vs. Ricin | | Venus (originally Saturn) |
| f7r Starflower | 0.8 | | f99v #7? | Saturn, Moon |
| f7v Bitter/Blue Fleabane | 0.8 | | | Mars |
| f8r Libbard's Bane Candidate #1 | 1 | Perfoliate Leaf | | |
| f8v Comfrey | 1 | | f101v1 #5? | Jupiter, Saturn |
| f9r European Holly | 0.6 | | | Mars |
| f9v Viola Tricolor (Pansy) | 1 | | | Jupiter, Saturn |
| f10r Chicory/Endive | 1 | | | Jupiter, Mercury |
| f10v Snakeshead (Fritillaria) | 1 | Twin Flower (Toxic?) | f99r #17? | |
| f11r Tetterwort/Greater Celandine | 0.2 | | | Sun |
| f11v Orpine/Orpin Root | 0.6 | | | Moon |
| f13r Rhubarb | 0.8 | | | Mars |
| f13v Honeysuckle | 0.6 | | f100v #3 | Mars |
| f14r Black Salsify or Viper's Grass | 1 | | | |
| f14v Wood Betony | 0.6 | | | Jupiter |
| f15r Sow Thistles | 0.6 | | | Venus, Mars |
| f15v Paris Quadrifolia | 1 | 4-Leaf Yellow-White Baneberry | f99r #3?, f89v1 Line 1 #2? | Venus, Moon |
| f16r Hyssop (or Cannabis) | 1 | | | Jupiter, Saturn |
| f16v Devil in the Bush and Cobweb Houseleek | 0.2 | | | |
| f17r Aristolochia Lanceolata | 0.6 | | | Mars |
| f17v Smilax | 0.6 | | | Jupiter |
| f18r Helichrysum "Snake Rose" | 0.8 | | f89r1 Line 2 #2? | Saturn |
| f18v "koldarod" Agrimony Candidate #1 | 0.8 | | f102r2 #8 "koldarod" | Jupiter, Moon |
| f19r Valerian Composite | 0.8 | Greek Valerian "losalody" | f102v1 #7 | Sun, Mercury |
| f19v Nailwort/Hairy Forked Chickweed | 0.6 | | f102r2 #6 or f101r1 #13 | Jupiter, Moon, Mercury |
| f20r Viper's Bugloss | 0.6 | | | Jupiter, Sun |
| f20v Asphodeline | 0.4 | | | Mars |
| f21r Paper/Sun Spurge (Wartwort) or Rupturewort | 0.6 | Rowan; European Euphorbia - Sun/Paper Spurge | | Mars, Saturn, Moon |
| f21v Dittany Disambiguation | 0.4 | | | Mars, Sun, Moon |
| f22r Crimson Clover | 0.4 | | | Moon, Mercury |
| f22v Peony Subspecies | 0.2 | | | Sun |
| f23r Agrimony Candidate #2 | 0.8 | | f102r2 #9 | Jupiter, Moon |
| f23v Borage | 1 | | f101v2 #7 (weak similarity) | Jupiter |
| f24r Silene Latifolia | 1 | | | Saturn |
| f24v Daylily (Hemerocallis) | 0.8 | | | Saturn |
| f25r Balm of Gilead "dair otaiir otosy" | 0.2 | Nut Tree | | Venus |
| f25v Asp of Jerusalem (Woad) | 1 | | f99v #1? | Mars, Saturn |
| f26r Black Alder | 0.4 | Thlaspi Arvense | f89r1 Line 3 #2? | Venus, Saturn |
| f26v Alder Relative | 0.2 | Thlaspi Species #2 | | Venus, Saturn |
| f27r #1 Bay Laurel | 0.6 | | | Sun |
| f27r #2 Hazelwort (aka Snakeroot) or Catsfoot | 0.8 | | | |
| f27v Myrtle Communis | 0.8 | | | Mercury |
| f28r Smearwort/Adder's Tongue Relative | 1 | | f89v2 Line 1 #6? | Venus, Moon |
| f28v Citron Digitata | 0.2 | | | |
| f29r Aloe Species | 0.6 | Smearwort Relative #2 | | Saturn, Moon |
| f29v German Speedwell | 0.6 | | | Moon |
| f30r Lily of the Valley | 0.6 | | | Mercury |
| f30v Spindle or Dog's Mercury | 0.6 | | | |
| f31r Feverfew | 0.6 | | | Jupiter |
| f31v Disambiguation of Foxglove/Throatwort | 0.6 | | | Venus, Jupiter |
| f32r Basil | 0.6 | | | Mars, Jupiter |
| f32v (f102r2 #2) Tormentil | 0.6 | Morning Glory/Bindweed (Narcotic) | f102r2 #2 | Saturn, Sun |
| f33r Henbane | 0.6 | | | Jupiter, Saturn |
| f34r Cowbane | 0.6 | | | Saturn |
| f34v Pomegranate | 0.8 | | | Venus |
| f35r Umbrella Liverwort | 0.4 | The Cup | | Jupiter |
| f35v Maidenhair | 1 | | | Venus, Mercury |
| f36r Sycamore/Maple Composite | 0.2 | | | Moon |
| f36v Galium Aparine (Cleavers) | 0.6 | | | Venus, Saturn |
| f37r Danewort (Sambucus Ebulus) | 0.4 | | | Mars |
| f37v European Aspen | 0.6 | | f102r1 #3 | Venus, Mercury |
| f38r Rhinanthus - Alpine Rattlespot | 0.2 | | | |
| f38v Jovibarba | 0.6 | | | Jupiter |
| f39r Fumitory #1 | 0.6 | f39r Flatbed | Relative of f95r2 | Jupiter |
| f39v Carnation Type #1 or Morning Glory/Bindweed | 0.2 | | f99v #10 on the furriness of the trunk? | Mars, Jupiter |
| f40r Carnation Type #2 | 0.2 | | | Mars, Jupiter |
| f40v Vampirecup Infection of Colchicum | 0.2 | Brown/White Onion Bunches | | |
| f41r Spikenard (not Ploughman's) | 0.6 | | | |
| f41v Apiaceae Umbelliferae | 1 | | "keerodal" | |
| f42r #1 Sorrel and Wood Sorrel | 1 | | | Venus |
| f42r #2 Sorrel and Wood Sorrel | 0.8 | | | Venus |

| | | | | |
|---|---|---|---|---|
| f42v European Columbine | 0.6 | | | Venus |
| f43r Creeping or Cursed Buttercup | 0.4 | f43r Flatbed | | Mercury |
| f43v #1 Motherwort | 0.6 | | f102v2 #14 (stretched out version?) | Sun |
| f43v #2 Snakeweed/Easter Ledges | 0.6 | | | Venus, Saturn |
| f44r Purslane | 0.8 | | | Moon |
| f44v Colocynth | 0.2 | | | |
| f45r Stinging Nettle | 0.2 | | | Mars |
| f45v Lavender | 0.6 | Clover Top | | Jupiter, Sun, Mercury |
| f46r Flea Seed (Plantago/Plantain Composite) | 0.2 | | | Venus |
| f46v Greater Fleabane | 1 | Eagle Root | | Mars |
| f47r Houseleek | 0.6 | | f88r Line 1 #4??? | Jupiter, Moon |
| f47v Lungwort | 0.6 | | f102r2 #1? | Jupiter, Mercury |
| f48r Buttercup #1 "dairokoy" (Ranunculus #1) | 0.6 | Single White Corm | f89v2 Line #3 #12 | Mercury |
| f48v Bulbous Buttercup (Ranunculus #2) | 0.6 | Double White Corm | f89v2 Line 1 #5 | Mars, Saturn, Mercury |
| f49r Lesser Celandine (Ranunculus #3) | 0.6 | Lotus (Narcotic) | | Sun |
| f49v Liverwort (Ranunculus #4) | 0.4 | The White Corm | | Jupiter, Mercury |
| f50r Drosera Species | 0.8 | | | Sun |
| f50v Alpine Snowbell | 0.6 | | f99r #4? | |
| f51r Phryne or German Madwort | 0.4 | | f99r #13? f89r1 Line 3 #1? | Mars |
| f51v Juniper | 1 | Blue Baneberry Spatulate | | Sun |
| f52r Pasqueflower | 1 | | | Mars, Sun |
| f52v Scorpion Weed/Tail (Heliotrope) | 0.6 | | | Sun |
| f54r Woundwort (Stachys) | 0.8 | | | Saturn |
| f55r Geranium/Herb Robert | 0.6 | Flatbed Smaller Hairy | | Venus, Mars |
| f55v Turmeric or Clove | 0.2 | | | Venus, Mars, Jupiter |
| f56r Drosera Intermedia | 0.8 | | | Sun |
| f56v Figwort (Scrophularia) | 0.2 | | | Mars, Saturn, Sun |
| f57r Licebane vs. Blue Field Madder | 0.5 | | | Mars, Mercury |
| f65r Fennel, Celeriac or Sanicula | 0.4 | otaim dam alam | | Sun, Mercury |
| f66v Houndstongue | 0.6 | | | Venus, Mercury |
| f87r Fleawort | 0.8 | | | Venus, Saturn |
| f87v #1 Primrose | 1 | | | Venus |
| f90r1 Scabious or Carthamus | 0.4 | possible Hellebore relative | | Venus |
| f90r2 Pennywort Composite | 0.2 | | | |
| f90v2 Tansy or Hairy Fleabane | 0.8 | | | Mars |
| f90v1 Hedge Mustard | 0.4 | "The Lion" | f99v 16 4-Legged Animal? | |
| f93r Scabwort or Middle/Common Fleabane | 0.8 | The Sunflower | | Venus, Mars, Sun, Mercury |
| f93v White/Red Bryony | 0.8 | | | Mars |
| f94r Moonwort | 1 | | | Mars, Mercury |
| f94v Orris Root | 1 | | | Mars, Saturn |
| f95r1 Bearberry | 0.8 | | | Moon |
| f95r2 Fumitory #2 | 0.8 | f95r2 Flatbed | Relative of f39r | Venus |
| f95v2 Common Baneberry/Toadroot | 1 | | | Mars |
| f95v1 Hollyhock | 1 | | | Jupiter |
| f96r Black Hellebore | 0.6 | | | Saturn |
| f96v Black Bryony | 1 | | f99r #27 in Canister #22 f99r | Venus |
| f87v #2 Lousewort | 1 | | | Mars |
| f88r Line 3 #2 Lupine? | 0.6 | | | Mars, Saturn |
| f99r #27 Black Bryony #2 | 1 | | f96v Black Bryony | |
| f99v #20 Bladderwort | 0.6 | | | |
| f100r #16 Mugwort Variety? | 0.2 | | | Venus |
| f100v #5 Viper's Tongue | 0.8 | Moonwort or Hand Fern/Dwarf Staghorn | | |
| f102r2 #1 Lungwort | 1 | | f47v Lungwort? | |
| f102r2 #2 Tormentil | 1 | | f32v Tormentil | Mars |
| f102r2 #8 "koldarod" (Agrimony) | 0.8 | | f18v "koldarod" | Mercury |
| f102r1 #1 Capparis Spinosa? | 0.2 | | | Saturn |
| f102r1 #2 Water Hemlock Dropwort (or Parsnips) | 0.4 | White Carrot-Like | | Jupiter, Mercury |
| f102r1 #3 European Aspen | 0.6 | | f37v Aspen | Saturn, Sun |
| f102r1 #4 Variety of Nightshade | 1 | | f1v Nightshade (same family) | Jupiter, Moon |
| f102v2 #4 Blue Vitriol (Copper Sulfate) | 1 | Salt Cube | | |
| f102v1 #2 "Syringes" Ipomoea indica? | 0.2 | | Variety of Morning Glory??? | |
| f102v1 #7 Valerian Composite | 0.8 | | f19r Greek Valerian? | Sun, Mercury |

Table 19.2 Parts Used of the Voynich Plants Tentatively Identified at an Earlier Stage in Version #29

| Plant Name | Identification Score | Root | Rhizome | Leaves | Flower | Fruit | Seed | Stem | Liquid | Bark | Whole Plant |
|---|---|---|---|---|---|---|---|---|---|---|---|
| f1v Nightshade/Belladonna | 1 | √ | | √ | | √ | | √ | | | |
| f2r Cornflower or Diffuse Knapweed | 1 | √ | | √ | √ | | √ | | | | |
| f2v Nymphoides/Water Lily | 1 | √ | | √ | | | | | | | |
| f3r Sawtooth Spurge | 1 | | | | | | | | √ | | |
| f4r Alpine Saxifrage | 1 | | | | | | | | | | |
| f4v Rampion | 1 | √ | | | | | | | | | √ |
| f5r Wolfsbane | 1 | √ | | | | | | | | | |
| f5v Mallow | 1 | | | √ | √ | | | | | | |
| f6v Sea Holly | 1 | | | | | | | | | | |
| f7r Starflower | 1 | √ | | √ | √ | | | √ | | | |
| f8r Libbard's Bane Candidate #1 | 1 | √ | √ | √ | √ | | | | | | |
| f8v Comfrey | 1 | √ | √ | √ | | | | | | | |
| f9r European Holly? | 0.5 | | | √ | | √ | | | | √ | |
| f9v Viola Tricolor (aka pansy) | 1 | | | √ | √ | | √ | √ | | | √ |
| f10r Chicory/Endive | 1 | √ | | √ | √ | | | | | | |
| f10v Twin Flower | 1 | | | √ | | | | | | | |
| f11v Orpine/Orpin Root | 0.5 | √ | | √ | | | | | | | |
| f13v Honeysuckle? | 0.5 | | | √ | √ | | √ | | | | |
| f14r Black Salsify or Viper's Grass | 1 | √ | | √ | √ | | | √ | | | |
| f14v Wood Betony? | 0.5 | | | √ | √ | | | √ | | | |
| f15r Sow Thistles? | 0.5 | | | √ | | | | √ | √ | | |
| f15v Paris Quadrifolia | 1 | √ | | √ | | √ | √ | | √ | | |
| f16r Cannabis | 1 | | | √ | | | √ | | | | |
| f17v Like Red-Berried Moonseed | 0.1 | √ | | | | | | | | | |
| f19r Valerian Composite? | 0.5 | √ | √ | √ | √ | | | | | | |
| f19v Nailwort/Hairy Forked Chickweed | 0.5 | | | | | | | | | | |
| f21r European Euphorbia - Sun/Paper Spurge | 0.5 | | | | | | | | √ | | |
| f23v Borage | 1 | | | √ | √ | | √ | | | | |
| f24r Silene Latifolia | 1 | √ | | | | | | | √ | | |
| f25v Asp of Jerusalem (Woad) | 1 | √ | | √ | | | | | | | |
| f28r Smearwort/Adder's Tongue Relative | 1 | √ | | √ | √ | | | √ | | | |
| f29r Smearwort Relative #2 | 0.5 | √ | | √ | √ | | | √ | | | |
| f32r Basil? | 0.5 | √ | | √ | √ | | | √ | | | |
| f32v Morning Glory/Bindweed | 0.5 | √ | √ | | | | | | | | √ |
| f33r Henbane? | 0.5 | | | √ | √ | | √ | | √ | | |
| f34r Cowbane? | 0.5 | √ | | | | | | | | | |
| f35v Maidenhair | 1 | √ | √ | √ | | | | | | | |
| f42r Sorrel and Wood Sorrel | 1 | √ | | √ | √ | √ | | | | | |
| f42v European Columbine? | 0.5 | √ | | √ | √ | | √ | | | | |
| f45v Lavender? | 0.5 | | | | √ | | √ | | | | |
| f47r Houseleek? | 0.5 | | | √ | | | | | √ | | |
| f47v Lungwort? | 0.5 | √ | | √ | √ | | | √ | | | |
| f49r Lotus | 1 | √ | | √ | √ | | √ | | | | |
| f52r Pasqueflower | 1 | | | √ | √ | | | √ | | | √ |
| f52v Heliotrope or Mandrake? | 0.3 | √ | | √ | √ | | | | | | |
| f55r Geranium/Herb Robert? | 0.5 | | | √ | √ | | | √ | | | |
| f57r Licebane/Blue Field Madder | 1 | √ | | √ | | | | | | | |
| f87v #1 Lousewort | 1 | √ | | √ | √ | | | √ | | | √ |
| f87v #2 Primrose | 1 | √ | | √ | √ | | | | √ | | |
| f94r Moonwort | 1 | | | √ | | | | | | | |
| f95v2 Common Baneberry/Toadroot | 1 | √ | | | | √ | | | √ | | |
| f95v1 Hollyhock | 1 | | | √ | | | | | | | |
| f96v Black Bryony | 1 | √ | | | | √ | | | √ | | |

Table 19.3: Correlations of Page/Plant Part Usage with Probability Differences of c | cs | c[fptk] + $e^{1-4}$o[dlrsmg | y]

| | Root | Rhizome | Leaves | Flower | Fruit | Seed | Stem | Sap/Juice/Tea | Bark | Whole Plant |
|---|---|---|---|---|---|---|---|---|---|---|
| **ceol** | -0.060 | 0.140 | 0.123 | -0.049 | -0.046 | -0.073 | -0.070 | -0.030 | -0.001 | -0.152 |
| **ceor** | 0.152 | 0.152 | 0.062 | -0.074 | 0.080 | 0.099 | -0.154 | 0.022 | -0.055 | **0.068** |
| **ceos** | 0.187 | -0.154 | -0.169 | -0.038 | 0.172 | **-0.172** | -0.048 | 0.354 | -0.044 | **0.111** |
| **ceod** | 0.296 | -0.227 | -0.104 | -0.044 | 0.378 | -0.132 | 0.192 | 0.044 | 0.004 | **0.068** |
| **ceom** | -0.223 | -0.131 | -0.352 | -0.112 | -0.142 | -0.135 | -0.065 | 0.241 | -0.042 | **0.230** |
| **ceog** | -0.087 | 0.000 | -0.059 | 0.116 | -0.122 | 0.000 | 0.103 | -0.000 | 0.158 | -0.122 |
| **ceoy** | **0.162** | -0.069 | -0.140 | -0.083 | -0.147 | -0.113 | 0.009 | -0.069 | -0.046 | 0.216 |
| **ceo** | **0.296** | **0.104** | 0.008 | -0.054 | -0.204 | 0.032 | -0.084 | -0.266 | -0.078 | 0.047 |

Table 19.4: The Plant Part Hierarchy for Relevant Chapters of *Materia Medica*

| Rank | | Word | Section Set Count | % |
|---|---|---|---|---|
| 3 | 1 | it | 2891 | 4.08622 |
| 3 | 2 | leaf + leaves | 641 | 0.90601 |
| 13 | 2 | leaves | 610 | 0.86219 |
| 19 | 3 | root + roots | 527 | 0.74488 |
| 19 | 3 | drink (also a verb) | 501 | 0.70813 |
| 21 | 4 | root | 438 | 0.61908 |
| 24 | 5 | seed + seeds | 369 | 0.52155 |
| 29 | 5 | seed | 325 | 0.45936 |
| 35 | 6 | stalk + stalks | 282 | 0.39858 |
| 36 | 6 | wine | 276 | 0.39011 |
| 38 | 7 | flower + flowers | 258 | 0.36466 |

| | | | | |
|---|---|---|---|---|
| 38 | 7 | honey | 257 | 0.36325 |
| 42 | 8 | decoction | 240 | 0.33922 |
| 44 | 9 | water | 229 | 0.32367 |
| 47 | 10 | Romans | 225 | 0.31802 |
| 49 | 11 | juice | 214 | 0.30247 |
| 50 | 12 | stalk | 196 | 0.27703 |
| 56 | 13 | herb + herbs | 166 | 0.23463 |
| 57 | | flowers | 155 | 0.21908 |
| 59 | | herb | 154 | 0.21767 |
| 84 | | flower | 103 | 0.14558 |
| 97 | | roots | 89 | 0.12580 |
| 99 | | stalks | 86 | 0.12155 |
| | | fruit + fruits | 75 | 0.10601 |
| 117 | | fruit | 72 | 0.10177 |
| 192 | | seeds | 44 | 0.06219 |
| | | stem + stems | 43 | 0.06077 |
| 255 | | stems | 33 | 0.04664 |
| 276 | | leaf | 31 | 0.04382 |
| 462 | | berries (no "berry") | 17 | 0.02403 |
| 595 | | herbs | 12 | 0.01696 |
| | | plant + plants | 12 | 0.01696 |
| 670 | | stem | 10 | 0.01413 |
| 670 | | plant | 10 | 0.01413 |
| 1499 | | fruits | 3 | 0.00424 |
| 1853 | | plants | 2 | 0.00283 |
| - | | berry | 0 | 0 |

Table 19.5: The Plant Part Hierarchy for Relevant Chapters of *Materia Medica*, Sans High-Incidence Connectives

| Rank | Noun Rank | Word | Section Set Count | % |
|---|---|---|---|---|
| 1 | 1 | it | 2891 | 6.36056 |
| 3 | 2 | leaf + leaves | 641 | 1.41028 |
| 3 | 2 | leaves | 610 | 1.34208 |
| 19 | 3 | root + roots | 527 | 1.15946 |
| 6 | 3 | drink | 501 | 1.10226 |
| 7 | 4 | root | 438 | 0.96365 |
| 24 | 5 | seed + seeds | 369 | 0.81185 |
| 12 | 5 | seed | 325 | 0.71504 |
| 35 | 6 | stalk + stalks | 282 | 0.62043 |
| 38 | 7 | flower + flowers | 258 | 0.56763 |
| 17 | 6 | decoction | 240 | 0.52803 |
| 19 | 7 | water | 229 | 0.50383 |
| 21 | 8 | Romans | 225 | 0.49503 |
| 23 | 9 | juice | 214 | 0.47083 |
| 24 | 10 | stalk | 196 | 0.43122 |
| 56 | 12 | herb + herbs | 166 | 0.36522 |
| 30 | 11 | flowers | 155 | 0.34102 |
| 32 | 12 | herb | 154 | 0.33882 |
| 56 | 13 | flower | 103 | 0.22661 |
| 69 | 14 | roots | 89 | 0.19581 |
| | 13 | fruit + fruits | 75 | 0.16501 |
| 71 | | stalks | 86 | 0.18921 |
| 89 | | fruit | 72 | 0.15841 |
| 164 | | seeds | 44 | 0.09681 |
| | | stem + stems | 43 | 0.0946 |
| 227 | | stems | 33 | 0.07260 |
| 248 | | leaf | 31 | 0.06820 |
| 434 | | berries (no "berry") | 17 | 0.03740 |
| 567 | | herbs | 12 | 0.02640 |
| | | plant + plants | 12 | 0.02640 |
| 642 | | stem | 10 | 0.02200 |
| 642 | | plant | 10 | 0.02200 |
| 1471 | | fruits | 3 | 0.00660 |
| 1825 | | plants | 2 | 0.00440 |
| - | | berry | 0 | 0 |

Table 19.6: Imbalances between [fptk | dlrsmg] + c | c[s | fptk] + $e^{1-4}o$ + [dlr] + y in the Pharmacological Section

| | -l | -l + cs | -l - cs | -r | -r + cs | -s | -s + cs | [rs] - cs | -d and -dy | -d and –dy + cs | -d and –dy - cs |
|---|---|---|---|---|---|---|---|---|---|---|---|
| f88r | 19 | 2 | 17 | 9 | 1 | 1 | | 9 | 2 | | 2 |
| f88v | 3 | 1 | 2 | 10 | 3 | 2 | | 9 | 8 | 1 | 7 |
| f89r1 Corms, Tubers, etc. Mostly Leafless | 11 | 2 | 9 | 1 | | 2 | 1 | 2 | 8 | 1 | 7 |
| f89r2 Corms, Tubers, etc. Mostly Leafless | 14 | 5 | 9 | 10 | 2 | 3 | | 11 | 4 | 1 | 3 |
| f89v2 Corms, Tubers, etc. Mostly Leafless | 4 | 2 | 2 | 5 | | 5 | 2 | 8 | 4 | 1 | 3 |
| f89v1 Corms, Tubers, etc. Mostly Leafless | 7 | 2 | 5 | 6 | 2 | 2 | 2 | 4 | 7 | 1 | 6 |
| f99r Black Bryony + Other Roots, Corms, Tubers | 18 | 6 | 12 | 7 | 1 | 0 | | 6 | 4 | | 4 |
| f99v Bladderwort + Other Prominent Roots | 8 | 1 | 7 | 1 | | 0 | | 1 | 2 | 1 | 1 |
| f100r Leaf Cuttings? | 20 | 4 | 16 | 8 | 3 | 2 | 1 | 6 | 2 | 1 | 1 |
| f100v Recipe Including Viper's Tongue | 4 | 0 | 4 | 3 | | 1 | | 4 | 3 | | 3 |
| f101r1 Mix of White, Blue, Upturned Leaves; Some Flowers, Crenates etc | 22 | 6 | 16 | 7 | 4 | 1 | | 4 | 3 | 2 | 1 |
| f101v2 Spanning Page (most unlabeled) | 13 | 3 | 10 | 7 | | 0 | | 7 | 4 | 1 | 3 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| f102r1 Musculo-Skeletal Meds (or Sinister Cosmetics) | 5 | 1 | 4 | 0 | | 1 | | 1 | 2 | | 2 |
| f102r2 Tormentil-Lungwort-Agrimony (Burn Remedies?) | 6 | | 6 | 1 | | 0 | | 1 | 4 | 1 | 3 |
| f102v2 Leaf Cuttings? | 4 | 1 | 3 | 9 | 3 | 5 | | 11 | 3 | 2 | 1 |
| f102v1 Valerian + Other Prominent Roots, Trunks | 10 | 1 | 9 | 4 | | 0 | | 4 | 5 | 2 | 3 |

Table 19.7: Representation for the 13 Plant Part Usage Properties and 6 Supersets

| Property Name | Cumulative Identification Index | % | Axis |
|---|---|---|---|
| Whole Plant | 11.80000 | 0.12460 | -o |
| | | | |
| Leaf | 60.80000 | 0.64203 | -l |
| | | | |
| Flower | 36.40000 | 0.38437 | -l and –d, -dy |
| Dried Herb | 17.20000 | 0.18163 | –d, -dy |
| Fruit | 14.20000 | 0.14995 | -dy |
| Stem | 8.60000 | 0.09081 | -d? |
| Flower-Stem Superset | 37.40000 | 0.39493 | -d? |
| Flower-Fruit Superset | 44.40000 | 0.46885 | -l and –d, -dy |
| Fruit-Seed Superset | 30.10000 | 0.31785 | - |
| | | | |
| Root | 40.80000 | 0.43083 | -r |
| Seed | 19.10000 | 0.20169 | -s |
| Seed-Rhizome Superset | 27.90000 | 0.29461 | -s? |
| Rhizome | 8.80000 | 0.09293 | -s? |
| | | | |
| Sap | 6.40000 | 0.06758 | -m |
| Juice | 30.60000 | 0.32313 | |
| Oil | 22.30000 | 0.23548 | |
| Oil-Sap-Juice Superset | 43.50000 | 0.45935 | |
| Oil-Sap Superset | 24.10000 | 0.25449 | |
| Bark | 4.40000 | 0.04646 | -g? |

Table 19.8: Leading Categories for the 12 Plant Part Usage Properties and 6 Supersets

| Category | Word Count | Distinct Word Count | Section Word Count 1 |
|---|---|---|---|
| [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 503 | 49 | 258 |
| [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 160 | 1166 |
| [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 519 | 69 | 232 |
| [fptk \| dlrsmg] + c \| c[s \| fptk] + e4od | 68 | 21 | 32 |
| [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 445 | 45 | 191 |
| [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 1227 | 51 | 573 |
| [fptk \| dlrsmg] + c \| c[s \| fptk] + e4oly | 44 | 16 | 18 |
| [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 54 | 12 | 36 |
| [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 733 | 41 | 451 |
| [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ory | 28 | 6 | 21 |
| [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 158 | 30 | 69 |
| [fptk \| dlrsmg] + c \| c[s \| fptk] + e4osy | 2 | 2 | 2 |
| [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 2060 | 87 | 754 |
| [fptk] + c \| c[s \| fptk] + e4o | 51 | 13 | 34 |
| | | | |
| om | 203 | 75 | 101 |
| om + o[fptk \| dlrsmg]am | 454 | 157 | 183 |
| ceam nouns | 15 | 10 | 7 |
| ceam variants | 76 | 32 | 32 |
| ceam verbs | 61 | 22 | 25 |

Table 20.1: All Final Word Categories Potentially Imbued with Semantic Meaning, by Document Share

| Rank | Category | Distinct # | Document # | Rank | Category | Distinct # | Document # | Rank | Category | Distinct # | Document # |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ed[yoa] | 940 | 5851 | 180 | om | 75 | 203 | 359 | [yo]doi0-4[lr] | 29 | 45 |
| 2 | edy | 538 | 4981 | 181 | [yo][fp]a | 94 | 200 | 360 | otc + e4o | 15 | 44 |
| 3 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 87 | 3168 | 181 | or[yo] | 103 | 200 | 360 | [yo][fp]y | 22 | 44 |
| 4 | c + e4dy | 387 | 3053 | 183 | cectey relatives | 24 | 197 | 360 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4oly | 16 | 44 |
| 5 | [yo][fptk][ao][lr] | 445 | 2688 | 184 | [fptk] + c \| c[s \| fptk] + e4dy | 19 | 196 | 363 | cean nouns | 33 | 43 |
| 6 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 160 | 2246 | 184 | o[dlrs]ce4y Superset | 90 | 196 | 364 | [yo][fptk]ce4d | 21 | 42 |
| 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 87 | 2060 | 186 | odai0-4r | 82 | 193 | 364 | opal variants | 15 | 42 |
| 8 | o[tk]e0-4y | 172 | 2042 | 187 | eka | 72 | 191 | 366 | de-Initial | 29 | 41 |
| 9 | y-initial | 569 | 1926 | 187 | [fptk]ai4n | 9 | 191 | 366 | Prefixed Versions of c \| c[s \| fptk] + e4dy | 13 | 41 |
| 10 | [q \| fptk \| dlrsmg] + oi0-4[lr] | 29 | 1819 | 189 | [fptk]ai4[lr] | 14 | 190 | 368 | o + c \| cs + e4or | 31 | 40 |
| 11 | a-axis of [yo][fptk][ao][lr] | 218 | 1731 | 189 | [dlrsmg] + ai4r | 10 | 190 | 368 | o[fptk]edal | 14 | 40 |
| 12 | [dlrsmg \| fptk] + ai4n | 24 | 1724 | 189 | dairol/soral relatives | 113 | 190 | 368 | yd[ao]i0-4n | 11 | 40 |
| 13 | c[fptk]e4o-initial & c[fptk]e4y Superclass | 335 | 1659 | 192 | cedaiin variants | 64 | 189 | 368 | ydai0-4n | 11 | 40 |
| 14 | c + c[s \| fptk]e4y | 26 | 1624 | 193 | c \| cs + e0-4s | 68 | 188 | 372 | [yo]cp | 29 | 38 |
| 15 | o[fptk]ai4n | 91 | 1598 | 193 | okce0-4dy | 15 | 188 | 372 | yc + e4o | 8 | 38 |
| 16 | ai4[dlrsmg \| n] | 21 | 1519 | 195 | cte4y | 4 | 186 | 372 | eko | 25 | 38 |
| 17 | [dlrsmg \| fptk] + ai4[dlrsmg] | 63 | 1444 | 195 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 38 | 186 | 372 | ceal nouns | 30 | 38 |
| 17 | o[fptk]e4dy | 56 | 1444 | 195 | et[yoa] | 90 | 186 | 372 | od[fptk \| dlrsmg] | 32 | 38 |
| 19 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 290 | 1421 | 198 | o[fptk][ao]d | 81 | 185 | 372 | o[fptk]d | 31 | 38 |
| 20 | c \| c[s \| fptk] + e4dy | 35 | 1395 | 199 | o[fptk]eda[lrsm \| n] | 87 | 184 | 378 | c[fptk]e4dy | 6 | 37 |
| 21 | oke0-4y | 102 | 1314 | 200 | [sr]c-Initial | 94 | 179 | 378 | [yo]d[ao]i0-4m | 25 | 37 |
| 22 | y[fptk]-initial | 361 | 1295 | 200 | ko | 79 | 179 | 378 | x | 29 | 37 |
| 23 | [yo]dy endings | 282 | 1228 | 202 | cedar variants | 65 | 176 | 381 | yodai0-4m | 24 | 36 |
| 24 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 51 | 1227 | 203 | olo | 97 | 175 | 381 | ady | 25 | 36 |
| 25 | ea | 465 | 1195 | 204 | [yo]ce4y + s infixes | 66 | 172 | 381 | Suspected Errata/Difficult to Categorize | 32 | 36 |
| 26 | dai4n | 4 | 1140 | 204 | otce0-4dy | 19 | 172 | 384 | a[lr]o Endings | 23 | 35 |
| 27 | oi4[dlrsmg \| n] | 13 | 1124 | 204 | cke4[yo] | 31 | 172 | 384 | [yo]fai0-4[rn] | 23 | 35 |
| 28 | [yo]kai0-4n | 49 | 1067 | 207 | ce0-4s | 43 | 165 | 386 | yc[s \| fptk]e4y | 11 | 34 |
| 29 | o[lr][yoa] | 450 | 1044 | 207 | [yo]d[ao]i0-4l | 91 | 165 | 386 | od[ao]i0-4m | 23 | 34 |
| 30 | [dlrsmg] + ai4[lr] + y-suffix | 20 | 1035 | 209 | ocke4y | 38 | 162 | 386 | yc + e4ol | 7 | 34 |
| 31 | ce4a | 350 | 1009 | 210 | [fptk]e0-4y | 9 | 161 | 386 | yc + e4or | 5 | 34 |
| 32 | okai0-4n | 35 | 994 | 211 | ce4o | 4 | 160 | 386 | ope0-4y | 14 | 34 |
| 33 | oke4dy | 35 | 933 | 212 | opce0-4dy | 17 | 159 | 386 | odcey relatives | 29 | 34 |
| 34 | ai4[dlrsmg] | 14 | 930 | 212 | o[fptk]c + e0-4ol | 40 | 159 | 386 | [fptk][dlrs] Prefixes | 27 | 34 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 35 | [yo][fptk]e4o[dlrsmg] | 210 | 924 | 214 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 30 | 158 | 386 | osai0-4n | 17 | 34 |
| 36 | c[s \| fptk]e4y | 21 | 887 | 215 | od[ao]i0-4l | 82 | 154 | 386 | ol + c \| cs + e4o[lr] | 18 | 34 |
| 37 | [yo]d[ao]i0-4[lrm \| n] | 338 | 880 | 216 | [dlrsmg]ai4m | 7 | 149 | 395 | [fptk \| dlrs] prefixes to daiin | 18 | 33 |
| 38 | [dlrsmg]ai4[lr] | 18 | 875 | 216 | [yo]e0-4[fp]e0-4[yo] | 97 | 149 | 395 | ef[yoa] | 33 | 33 |
| 39 | oda | 320 | 847 | 216 | [yo]te4od | 41 | 149 | 395 | odai0-4m | 22 | 33 |
| 40 | [ao][lr][ao][lr] Pipe/Flow | 440 | 843 | 219 | yodai0-4l | 75 | 143 | 395 | [yo]py | 13 | 33 |
| 41 | ol[dtk] | 340 | 842 | 220 | ece Noun | 93 | 142 | 399 | ofce0-4dy | 12 | 32 |
| 42 | yodai0-4[lrm \| n] | 306 | 832 | 221 | oy | 77 | 141 | 399 | c[fptk]e4o | 8 | 32 |
| 43 | od[ao]i0-4[lrm \| n] | 309 | 813 | 221 | [yo]pa | 57 | 141 | 401 | [yo]te4or | 9 | 31 |
| 44 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 55 | 809 | 223 | olcey relatives (non -edy) | 47 | 138 | 401 | c + e4 + [fptk] Nouns | 26 | 31 |
| 45 | eda | 341 | 784 | 224 | ke4o | 40 | 137 | 401 | opc + e4ol | 11 | 31 |
| 46 | ai4[lr] | 6 | 782 | 225 | o[fptk]c + e0-4or | 34 | 135 | 401 | [yo]e0-4do + e4\|i4 + [drn] & cedody | 21 | 31 |
| 47 | odai0-4[lrm \| n] | 279 | 767 | 225 | orai0-4n | 40 | 135 | 405 | ocse4y | 17 | 30 |
| 48 | o-axis of [yo][fptk][ao][lr] | 135 | 764 | 227 | oo + oe4o | 99 | 133 | 405 | okc + e4ody | 11 | 30 |
| 49 | ce4dy | 8 | 755 | 227 | odai0-4l | 67 | 133 | 405 | [rs][fptk \| l] | 27 | 30 |
| 50 | o[fptk]c + e0-4y | 144 | 753 | 229 | oc[fpt]e4y | 52 | 132 | 405 | cedam variants | 12 | 30 |
| 51 | ce4y | 5 | 737 | 229 | g | 87 | 132 | 409 | ycse4y | 8 | 29 |
| 52 | [dlrsmg \| fptk]e0-4y | 37 | 735 | 231 | dai4m | 4 | 130 | 409 | opai0-4n | 8 | 29 |
| 52 | o[lr][oa] | 337 | 735 | 231 | [yo]te4o[lr] | 33 | 130 | 409 | otc + e4ody | 11 | 29 |
| 54 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 41 | 733 | 233 | [yo][fptk]e4or | 28 | 127 | 412 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ory | 6 | 28 |
| 55 | ote0-4y | 73 | 731 | 233 | cedal variants | 54 | 127 | 412 | o[tk][lr] | 16 | 28 |
| 56 | [tk]c-Initial | 212 | 667 | 235 | olai0-4n | 37 | 126 | 414 | [fptk \| dlrs] prefixes to dar | 16 | 27 |
| 57 | oe0-4s | 271 | 632 | 236 | okor variants | 26 | 122 | 414 | ce4g | 21 | 27 |
| 58 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 83 | 623 | 237 | Consonant Clusters | 35 | 115 | 414 | cpe4y | 4 | 27 |
| 59 | c[s \| fptk]e4dy | 9 | 622 | 237 | rai4n | 3 | 115 | 417 | opai0-4n | 6 | 26 |
| 60 | ol[tk] | 234 | 621 | 237 | et[yo] | 45 | 115 | 417 | orcey relatives | 17 | 26 |
| 61 | ol[yoa] | 259 | 614 | 240 | [yo][fptk\| dlrsmg] + c \| cs + e4o | 47 | 113 | 417 | a[fptk]y | 23 | 26 |
| 62 | ai4n | 7 | 589 | 240 | [yo]ce4y | 41 | 113 | 417 | cfe4[yo] | 12 | 26 |
| 63 | cse4dy | 3 | 585 | 240 | otor variants | 19 | 113 | 417 | o + c \| cs + e4o | 21 | 26 |
| 64 | [yo]ke4o[dlrsmg] | 123 | 584 | 243 | [yo][fp]ai0-4[rn] | 47 | 111 | 422 | olf | 21 | 25 |
| 65 | o[lr][yo] | 268 | 583 | 243 | opce0-4y | 25 | 111 | 422 | b | 24 | 25 |
| 66 | cse4y | 9 | 578 | 245 | [yo]c + e4dy | 45 | 110 | 422 | opor variants | 10 | 25 |
| 67 | Single-Letter Words | 20 | 566 | 246 | ory | 50 | 108 | 422 | [yo]fo | 21 | 25 |
| 68 | okc + e0-4 + y \| dy \| o[dlrs]y | 97 | 563 | 247 | o[fptk]e4os | 27 | 106 | 422 | ofar variants | 17 | 25 |
| 69 | olk | 187 | 557 | 248 | aro[dlrsmg] | 56 | 105 | 422 | opol variants | 15 | 25 |
| 70 | o[fptk]c + e0-4dy | 66 | 554 | 249 | sc-initial | 57 | 103 | 428 | yd[ao]i0-4[lr] | 16 | 24 |
| 71 | okal variants | 54 | 544 | 250 | oro | 61 | 102 | 428 | [yo]doi0-4[ln] | 18 | 24 |
| 72 | cedai4[lrsm \| n] | 200 | 527 | 250 | cse0-4s | 43 | 102 | 428 | odl | 18 | 24 |
| 73 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 69 | 519 | 252 | c-sequence + e4 + [fptk] + e4 + y | 35 | 101 | 431 | a[fptk]a | 22 | 23 |
| 74 | l[fptk] Prefixes | 132 | 514 | 252 | o[fptk]c + e0-4o | 39 | 101 | 431 | [yo]e4[fp] | 23 | 23 |
| 75 | ote4dy | 19 | 509 | 254 | c[fptk]c polygraph | 62 | 99 | 431 | ofce0-4y | 13 | 23 |
| 76 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 49 | 503 | 254 | [yo]te4ol | 24 | 99 | 431 | [yo]doi0-4r | 13 | 23 |
| 77 | okar variants | 61 | 493 | 256 | o[tk]e4s | 33 | 98 | 435 | [yo]doi0-4l | 16 | 22 |
| 77 | otc + e0-4 + y \| dy \| o[dlrs]y | 91 | 493 | 257 | [yo]ke4or | 19 | 96 | 435 | eto | 15 | 22 |
| 79 | [yo]tai0-4n | 26 | 490 | 258 | Detached Class Modifiers | 59 | 95 | 435 | ydai0-4[lr] | 14 | 22 |
| 80 | ai4r | 4 | 483 | 258 | l[drs] Prefixes | 27 | 95 | 438 | cecpey relatives | 6 | 21 |
| 81 | o[lr]a | 190 | 469 | 258 | [yo][fp]o | 65 | 95 | 438 | o[fptk]c + e4od | 12 | 21 |
| 82 | [yo]ce4y + infixed versions | 156 | 466 | 261 | cpe4[yo] | 36 | 94 | 438 | olp | 16 | 21 |
| 83 | oe | 304 | 463 | 262 | ols | 51 | 93 | 441 | [dlrsmg] + ai4m | 3 | 20 |
| 84 | lc-initial | 100 | 457 | 262 | cke4y | 5 | 93 | 441 | ocees relatives | 17 | 20 |
| 85 | dc-initial | 136 | 454 | 262 | ety | 30 | 93 | 441 | [fptk]ai4m | 5 | 20 |
| 85 | om + o[fptk \| dlrsmg]am | 157 | 454 | 265 | a[dlrsmg]am | 43 | 92 | 444 | o[fptk \| dlrsmg]e4g | 16 | 19 |
| 85 | lk-initial | 96 | 454 | 266 | a[dlrsmg]c | 66 | 91 | 445 | q-prefix exceptions | 16 | 18 |
| 88 | [dlrsmg]e0-4y | 10 | 453 | 266 | te4dy | 17 | 91 | 445 | c + e4 + [fptk]c Nouns | 16 | 18 |
| 89 | [yo]d[ao]i0-4n | 121 | 450 | 268 | oce4y + s infixes | 49 | 90 | 447 | dody | 10 | 17 |
| 90 | [yo][fptk]e4o[lr] | 86 | 449 | 268 | edo | 64 | 90 | 448 | yd[ao]i0-4[rm] | 9 | 16 |
| 91 | yodai0-4n | 119 | 448 | 270 | [yo]ke4o | 13 | 89 | 448 | otos variants | 9 | 16 |
| 92 | ek[yoa] | 137 | 446 | 270 | c \| cs + e0-4d | 26 | 89 | 448 | otas variants | 7 | 16 |
| 93 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 45 | 445 | 272 | o + c \| cs + e4o[lr] | 59 | 88 | 448 | opc + e4or | 6 | 16 |
| 94 | or[yoa] | 198 | 438 | 272 | [yo][fptk]e4o | 11 | 88 | 448 | [fptk \| dlrs] prefixes to dal | 12 | 16 |
| 95 | otai0-4n | 21 | 430 | 272 | otod variants | 35 | 88 | 448 | c \| cs + e0-4r | 9 | 16 |
| 96 | [fptk]ai4[dlrsmg \| n] | 33 | 411 | 272 | otam variants | 13 | 88 | 454 | [yo][dlrsmg] + c \| cs + e4o | 11 | 15 |
| 97 | od[ao]i0-4n | 110 | 410 | 276 | yce4y + infixed versions | 20 | 87 | 454 | ceam nouns | 10 | 15 |
| 98 | odai0-4n | 108 | 408 | 277 | o[fptk]ody | 17 | 85 | 454 | o[fptk]c + e4os | 10 | 15 |
| 99 | cte4[yo] | 45 | 406 | 277 | dcedy relatives | 6 | 85 | 457 | ode0-4d | 10 | 14 |
| 100 | ol[oa] | 187 | 401 | 279 | c[fp]e4y + added c-sequences & cfeo-Initial | 30 | 84 | 457 | ll | 13 | 14 |
| 101 | [yo]d[ao]i0-4[lr] | 192 | 393 | 279 | c-sequence + e4 + [fptk] + c-sequence + e4 + y | 43 | 84 | 457 | od[fptk \| dlrsmg] minus odl | 14 | 14 |
| 102 | a[lr][ao][lr] | 199 | 391 | 279 | [yo]e4 \| c + [fp] | 72 | 84 | 457 | opc + e4ody | 9 | 14 |
| 103 | ol[yo] | 169 | 388 | 282 | a[lr][fptk] | 54 | 83 | 461 | yd[ao]i0-4r | 7 | 13 |
| 104 | [fp]c-Initial | 176 | 387 | 282 | [fptk \| dlrs] prefixes to dai4[lrsm \| n] | 51 | 83 | 461 | ofal variants | 7 | 13 |
| 105 | do | 94 | 383 | 284 | yce4y + s infixes | 17 | 82 | 461 | okos variants | 4 | 13 |
| 106 | oce4y + infixed versions | 136 | 379 | 285 | fc-initial | 50 | 80 | 461 | e4n | 11 | 13 |
| 107 | so | 132 | 378 | 285 | l-prefix + [fptk]e0-4y | 6 | 80 | 461 | okom variants | 6 | 13 |
| 108 | ceckey relatives | 32 | 377 | 287 | dl Consonant clusters | 44 | 79 | 461 | or[fptk \| dlrsmg] | 12 | 13 |
| 109 | od[ao]i0-4[lr] | 176 | 369 | 287 | e[fp][yoa] | 64 | 79 | 461 | [yo][fptk]e4om | 4 | 13 |
| 110 | cear variants | 101 | 365 | 287 | o[fptk] endings | 33 | 79 | 461 | o[fptk]edam | 7 | 13 |
| 111 | [yo][fptk]e4od | 92 | 355 | 287 | ckeo-initial | 26 | 79 | 469 | ol + c \| cs + e4o | 8 | 12 |
| 112 | [yo]c[s \| fptk]e4y | 115 | 353 | 291 | okam variants | 13 | 76 | 469 | okas variants | 7 | 12 |
| 113 | yodai0-4[lr] | 163 | 348 | 291 | rc-initial | 37 | 76 | 469 | ydai0-4r | 6 | 12 |
| 114 | tc-initial | 120 | 345 | 291 | ceam variants | 32 | 76 | 469 | opam variants | 7 | 12 |
| 114 | otar variants | 44 | 345 | 294 | ofc + e4 + y \| dy \| o + [lr] Superset | 39 | 75 | 473 | et-initial | 9 | 11 |
| 114 | [yo]c + e4o Superclass | 205 | 345 | 294 | o[fptk]c + e4ody | 33 | 75 | 473 | yd[ao]i0-4l | 9 | 11 |
| 117 | [yo]te4o[dlrsmg] | 88 | 341 | 294 | te4o | 32 | 75 | 473 | q[fptk]o[dlrsmg] | 9 | 11 |
| 118 | or[oa] | 156 | 340 | 297 | okod variants | 26 | 74 | 476 | ceed + cey | 10 | 10 |
| 119 | [yo][fp][yoa] | 181 | 339 | 298 | ykai0-4n | 14 | 73 | 476 | ay polygraph (other) | 10 | 10 |
| 120 | okce0-4y | 59 | 338 | 299 | o[fptk]edar | 30 | 72 | 476 | ol[lr] | 6 | 10 |
| 121 | otal variants | 43 | 333 | 300 | eta | 45 | 71 | 476 | ofol variants | 8 | 10 |
| 122 | [dlrsmg] + c \| c[s \| fptk] + e4dy | 20 | 327 | 300 | oe0-4[fp]oe0-4[lr] | 42 | 71 | 476 | ydai0-4l | 8 | 10 |
| 123 | odai0-4[lr] | 149 | 326 | 302 | [yo]po | 44 | 70 | 476 | ofai0-4n | 6 | 10 |
| 124 | kc-initial | 92 | 322 | 303 | c[fp]e4y + added c-sequences | 21 | 69 | 476 | [yo]fai0-4n | 6 | 10 |
| 124 | [yo][fptk]e4ol | 58 | 322 | 303 | ece Adjective | 43 | 69 | 476 | cecfey relatives | 8 | 10 |
| 126 | oa | 149 | 321 | 305 | o[fptk][dlrsmg] | 49 | 68 | 476 | ofe0-4y | 8 | 10 |
| 127 | oc[s \| fptk]e4y | 104 | 319 | 305 | [fptk \| dlrsmg] + c \| c[s \| fptk] + | 21 | 68 | 476 | [yo]fy | 8 | 10 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | e4od | | | | | | |
| 127 | [y o]ke4o[lr] | 53 | 319 | 305 | e-initial | 47 | 68 | 486 | ofc + e4ol | 6 | 9 |
| 129 | o[lr]y | 121 | 318 | 305 | y c + e4o[lr] | 12 | 68 | 486 | t[y o]lc | 9 | 9 |
| 130 | oe sans oy + oe4y, oe0-4s | 231 | 317 | 309 | cpeo-initial | 32 | 67 | 486 | ece Verb | 9 | 9 |
| 131 | ol[ds] | 158 | 315 | 309 | y d[ao]i0-4[lrm \| n] | 29 | 67 | 486 | odees variants | 9 | 9 |
| 132 | c[fptk]e4y | 13 | 310 | 311 | otc + e4ol | 13 | 66 | 486 | ceas variants | 7 | 9 |
| 133 | [tk]e4dy | 43 | 309 | 311 | oe4y | 27 | 66 | 491 | [tk] + e4s | 8 | 8 |
| 134 | pc-initial | 126 | 307 | 311 | o[fptk][ao]s | 32 | 66 | 491 | opc + e4o | 7 | 8 |
| 135 | ai4l | 3 | 306 | 311 | osa | 42 | 66 | 493 | ofor variants | 5 | 7 |
| 136 | oi | 111 | 304 | 315 | y dai0-4[lrm \| n] | 27 | 65 | 493 | ofc + e4or | 4 | 7 |
| 137 | cear verbs | 62 | 303 | 315 | ofc + e0-4 + y \| dy \| o[dlrs]y | 35 | 65 | 493 | okad variants | 5 | 7 |
| 138 | opc + e0-4 + y \| dy \| o[dlrs]y | 69 | 302 | 315 | olt | 48 | 65 | 493 | ol + ce4d | 4 | 7 |
| 139 | [y o]c[fptk]e4y | 90 | 294 | 318 | c \| cs + e0-4l | 21 | 64 | 493 | [y o][fptk\| dlrsmg][ao]g | 7 | 7 |
| 140 | oc[fptk]e4y | 87 | 289 | 319 | cear nouns | 39 | 62 | 493 | odc-Nouns | 7 | 7 |
| 141 | okol variants | 43 | 285 | 319 | oo | 44 | 62 | 493 | [fptk \| dlrs] prefixes to dam | 5 | 7 |
| 142 | [y o][fptk]e4od + y | 50 | 284 | 319 | [y o]c[fp] | 50 | 62 | 493 | cead variants | 7 | 7 |
| 143 | otce0-4y | 47 | 281 | 322 | ceam verbs | 22 | 61 | 493 | ol + c \| cs + e4ody | 6 | 7 |
| 143 | c \| cs + e0-4[dlrsmg] | 91 | 281 | 322 | faceys relatives | 54 | 61 | 502 | j | 6 | 6 |
| 145 | o[fptk \| dlrsmg][ao]m | 87 | 280 | 324 | c + e4 + [fptk] Endings | 37 | 60 | 502 | ofas variants | 2 | 6 |
| 146 | olcey relative | 84 | 277 | 324 | [y o][fptk]e4d | 21 | 60 | 502 | otom variants | 4 | 6 |
| 147 | od endings + odcey relatives | 149 | 275 | 324 | [y o]te4os | 13 | 60 | 502 | opod variants | 6 | 6 |
| 148 | o[lr]o | 155 | 274 | 324 | oce4y | 32 | 60 | 506 | otad variants | 4 | 5 |
| 149 | ce4ai4n | 103 | 271 | 324 | e[tk]o | 40 | 60 | 506 | y c[fptk]e4y | 3 | 5 |
| 150 | ceal variants | 88 | 269 | 329 | [y o]fa | 37 | 59 | 506 | [y o][fptk]a[fptk]a | 5 | 5 |
| 151 | sai4n | 6 | 258 | 329 | y tai0-4n | 4 | 59 | 506 | odce0-4dy | 5 | 5 |
| 152 | oi4n Superset | 79 | 257 | 329 | o[fptk]edai4n | 36 | 59 | 506 | o[fptk]oe4d Rosette-Baln-Pharm Objects | 3 | 5 |
| 153 | cean variants | 89 | 255 | 329 | qo variants | 5 | 59 | 506 | or[lrsmg] | 5 | 5 |
| 153 | ek[y o] | 65 | 255 | 333 | oi4n | 4 | 58 | 506 | ord | 4 | 5 |
| 155 | od endings | 122 | 243 | 333 | otc + e4or | 10 | 58 | 513 | or + c \| cs + e4o[lr] | 3 | 4 |
| 156 | ora | 98 | 241 | 333 | o[tk][ao]s | 28 | 58 | 513 | o[fptk]e0-4ay | 4 | 4 |
| 157 | otol variants | 42 | 239 | 336 | odo | 41 | 57 | 513 | ofod variants | 4 | 4 |
| 158 | ceal verbs | 57 | 230 | 336 | [y o]cse4y | 24 | 57 | 516 | y d[ao]i0-4m | 2 | 3 |
| 158 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 46 | 230 | 336 | o[fptk]ce4[lrsmg] | 50 | 57 | 516 | y pai0-4n | 2 | 3 |
| 160 | c \| c[fptk] + e4o | 11 | 228 | 339 | a[lr]an | 25 | 56 | 516 | y dai0-4m | 2 | 3 |
| 160 | ola | 92 | 228 | 339 | d[fptk \| drs] | 42 | 56 | 516 | opas variants | 3 | 3 |
| 160 | [y o]d[ao]i0-4r | 101 | 228 | 341 | okc + e4ol | 12 | 55 | 516 | cedas variants | 3 | 3 |
| 163 | old | 110 | 225 | 342 | okc + e4or | 14 | 54 | 516 | ceda (dangling) | 3 | 3 |
| 164 | [y o]ke4ol | 34 | 223 | 342 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 12 | 54 | 516 | v | 3 | 3 |
| 165 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 40 | 222 | 344 | Double c-Sequence Nouns | 44 | 53 | 516 | or[fptk] | 3 | 3 |
| 165 | oly | 77 | 222 | 344 | y ce4y | 9 | 53 | 524 | os[dlrsmg] | 2 | 2 |
| 167 | cteo-initial | 41 | 220 | 344 | [fptk][y o]lc | 42 | 53 | 524 | o[fptk]s | 2 | 2 |
| 168 | ece polygraph | 144 | 219 | 347 | [tk]y | 4 | 52 | 524 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4osy | 2 | 2 |
| 169 | eky | 40 | 217 | 348 | o[fptk]o | 18 | 51 | 524 | ofc + e4ody | 2 | 2 |
| 169 | ke4dy | 25 | 217 | 348 | [fptk] + c \| c[s \| fptk] + e4o | 13 | 51 | 524 | opom variants | 1 | 2 |
| 171 | od[ao]i0-4r | 94 | 215 | 350 | [dlrsmg] + c \| c[s \| fptk] + e4o | 16 | 49 | 524 | ofc + e4o | 2 | 2 |
| 172 | ai0-4[dlrsmg][dlrsmg] | 121 | 214 | 350 | [y o]te4o | 10 | 49 | 524 | [y o]doi0-4n | 2 | 2 |
| 173 | cean verbs | 57 | 213 | 350 | okc + e4o | 16 | 49 | 524 | ope4dy | 2 | 2 |
| 174 | [y o]ke4od | 52 | 207 | 353 | opar variants | 17 | 48 | 532 | [y o]doi0-4m | 1 | 1 |
| 174 | oy + oe4y | 104 | 207 | 353 | [y o]c + e4ody | 34 | 48 | 532 | y fai0-4n | 1 | 1 |
| 176 | [tk]e4o | 66 | 206 | 353 | [y o]doi0-4[lrm \| n] | 32 | 48 | 532 | ofad variants | 1 | 1 |
| 177 | y odai0-4r | 88 | 205 | 353 | o + c \| cs + e4ol | 28 | 48 | 532 | ofom variants | 1 | 1 |
| 177 | cse4o | 4 | 205 | 357 | ep[y o a] | 31 | 46 | 532 | ofam variants | 1 | 1 |
| 177 | y + Non-[dlrs] Prefixes | 8 | 205 | 357 | [y o]ke4os | 14 | 46 | 532 | cfeo-initial | 1 | 1 |

Table 20.2: All Usage Properties Leveraged in PPV Scoring

| Rank | Property Name | Identification Index | Share of the Manuscript-Wide Identification Index | Rank | Property Name | Identification Index | Share of the Manuscript-Wide Identification Index |
|---|---|---|---|---|---|---|---|
| 1 | InflammatorySkinDisease | 92.1 | 0.96642 | 134 | Scalp | 13.4 | 0.14061 |
| 2 | TreatableByBalm1 | 85.1 | 0.89297 | 135 | Wart | 13.3 | 0.13956 |
| 3 | Topical | 82.3 | 0.86359 | 136 | Cut | 13.2 | 0.13851 |
| 4 | ParasiteSuperset | 73.3 | 0.76915 | 137 | Scorpion | 13.2 | 0.13851 |
| 5 | Bite | 73.1 | 0.76705 | 138 | Repellent | 13.0 | 0.13641 |
| 6 | LiquidSemiSolidSuperset | 70.4 | 0.73872 | 139 | Plague | 13.0 | 0.13641 |
| 7 | Digestive | 68.2 | 0.71563 | 140 | Fragrance | 12.9 | 0.13536 |
| 8 | BlemishRemoval | 67.7 | 0.71039 | 141 | Tonic | 12.8 | 0.13431 |
| 9 | TreatableByBalm2 | 65.4 | 0.68625 | 142 | Analgesic | 12.6 | 0.13221 |
| 10 | Respiratory | 65.2 | 0.68416 | 143 | Sun | 12.6 | 0.13221 |
| 11 | DecoctableSuperset2 | 62.9 | 0.66002 | 144 | Scrofula | 12.6 | 0.13221 |
| 12 | LiquidSuperset | 62.6 | 0.65687 | 145 | Aging | 12.6 | 0.13221 |
| 13 | LeafUsed | 61.0 | 0.64008 | 146 | Narcotic | 12.4 | 0.13012 |
| 14 | ItchSymptom | 60.3 | 0.63274 | 147 | SkinInfection | 12.0 | 0.12592 |
| 15 | AntisepticSuperset | 59.6 | 0.62539 | 148 | Sedative | 11.8 | 0.12382 |
| 16 | DecoctableSuperset1 | 59.1 | 0.62015 | 149 | MoisturizerEmollient | 11.8 | 0.12382 |
| 17 | AntiInflammatory | 58.4 | 0.61280 | 150 | Colic | 11.8 | 0.12382 |
| 18 | BlemishAblation | 56.9 | 0.59706 | 151 | CoreBalmSet | 11.8 | 0.12382 |
| 19 | BloodRelated | 55.8 | 0.58552 | 152 | PasteSalveSuperset | 11.8 | 0.12382 |
| 20 | SmallCreatureBite2 | 55.7 | 0.58447 | 153 | WholePlantUsed | 11.8 | 0.12382 |
| 21 | SolidSemiSolidSuperset | 54.8 | 0.57503 | 154 | Gargle | 11.6 | 0.12172 |
| 22 | BeautificationSuperset | 54.6 | 0.57293 | 155 | Psoriasis | 11.4 | 0.11962 |
| 23 | Wound | 54.5 | 0.57188 | 156 | WitchcraftProtection | 11.0 | 0.11542 |
| 24 | MusculoSkeletal | 52.6 | 0.55194 | 157 | Carminative | 11.0 | 0.11542 |
| 25 | EruptiveSkinDisease | 50.9 | 0.53410 | 158 | Ringworm | 11.0 | 0.11542 |
| 26 | Antidote | 49.7 | 0.52151 | 159 | Sciatica | 10.9 | 0.11438 |
| 27 | SmallCreatureBite1 | 49.3 | 0.51731 | 160 | Dyspepsia | 10.8 | 0.11333 |
| 28 | DistilledWaterTeaInfusionSansOilSuperset | 47.2 | 0.49528 | 161 | Salve | 10.4 | 0.10913 |
| 29 | SolidSuperset | 46.2 | 0.48478 | 162 | DistilledWater | 10.0 | 0.10493 |
| 30 | ColorSuperset | 45.9 | 0.48164 | 163 | Pregnancy | 10.0 | 0.10493 |
| 31 | FlowerFruitSuperset | 44.4 | 0.46590 | 164 | Expectorant | 10.0 | 0.10493 |
| 32 | OilSapJuiceSuperset | 44.1 | 0.46275 | 165 | SprainFracture | 9.8 | 0.10283 |
| 33 | Internal | 41.2 | 0.43232 | 166 | VinegarIngredient | 9.7 | 0.10178 |
| 34 | AnthelminticVermifuge | 40.9 | 0.42917 | 167 | Dysmenorrhea | 9.6 | 0.10073 |
| 35 | RootUsed | 40.8 | 0.42812 | 168 | Wash | 9.6 | 0.10073 |
| 36 | Poultice | 39.2 | 0.41133 | 169 | Lotion | 9.4 | 0.09864 |
| 37 | AntidoteRequired | 38.7 | 0.40609 | 170 | PepticUlcer | 9.4 | 0.09864 |
| 38 | FlowerStemSuperset | 37.4 | 0.39244 | 171 | Emmenagogue | 9.2 | 0.09654 |
| 39 | Menstrual | 36.8 | 0.38615 | 172 | Freckle | 8.9 | 0.09339 |
| 40 | BalmSuperset | 36.5 | 0.38300 | 173 | RhizomeUsed | 8.8 | 0.09234 |
| 41 | FlowerUsed | 36.4 | 0.38195 | 174 | Plaster | 8.6 | 0.09024 |
| 42 | ExternalBleedingSuperset | 36.2 | 0.37985 | 175 | StemUsed | 8.6 | 0.09024 |
| 43 | Fever | 35.0 | 0.36726 | 176 | Erysipelas | 8.4 | 0.08814 |
| 44 | LargeCreatureBite | 34.7 | 0.36411 | 177 | Lactation | 8.4 | 0.08814 |
| 45 | DisfiguringSkinDisease | 33.8 | 0.35467 | 178 | Paste | 8.4 | 0.08814 |
| 46 | CommunicableSkinDisease | 33.5 | 0.35152 | 179 | WhoopingCough | 8.4 | 0.08814 |
| 47 | Rheumatism | 33.4 | 0.35047 | 180 | Decongestant | 8.2 | 0.08604 |
| 48 | Ulcer | 33.4 | 0.35047 | 181 | Theriac | 8.2 | 0.08604 |
| 49 | SerpentSnake | 32.7 | 0.34313 | 182 | Bath | 8.2 | 0.08604 |
| 50 | DistilledWaterTeaSuperset | 32.2 | 0.33788 | 183 | Flu | 7.8 | 0.08185 |
| 51 | MusculoSkeletalDisorderSansRheumatism | 32.0 | 0.33578 | 184 | GallBladder | 7.8 | 0.08185 |
| 52 | Cough | 31.8 | 0.33368 | 185 | KidneyStone | 7.8 | 0.08185 |
| 53 | SemiSolidSuperset | 31.6 | 0.33158 | 186 | Sprain | 7.8 | 0.08185 |
| 54 | MacerationInfusionSuperset | 31.6 | 0.33158 | 187 | Perfume | 7.4 | 0.07765 |
| 55 | Infusion | 31.6 | 0.33158 | 188 | Wrinkle | 7.4 | 0.07765 |
| 56 | InsectOther | 31.3 | 0.32844 | 189 | Flea | 7.4 | 0.07765 |
| 57 | JuiceUsed | 30.6 | 0.32109 | 190 | Nephrology | 7.0 | 0.07345 |
| 58 | FruitSeedSuperset | 30.1 | 0.31584 | 191 | PMS | 7.0 | 0.07345 |
| 59 | Burn | 29.9 | 0.31375 | 192 | Amenorrhea | 6.8 | 0.07135 |
| 60 | AntiAsthmatic | 28.6 | 0.30010 | 193 | Compress | 6.6 | 0.06925 |
| 61 | Decoction | 28.5 | 0.29906 | 194 | Bone | 6.4 | 0.06716 |
| 62 | PigmentDisorder | 28.4 | 0.29801 | 195 | LaborInduction | 6.4 | 0.06716 |
| 63 | Astringent | 28.4 | 0.29801 | 196 | SapUsed | 6.4 | 0.06716 |
| 64 | OintmentSalvePasteSuperset | 28.1 | 0.29486 | 197 | Shampoo | 6.4 | 0.06716 |
| 65 | SeedRhizomeSuperset | 27.9 | 0.29276 | 198 | Abscess | 6.4 | 0.06716 |
| 66 | Laxative | 27.6 | 0.28961 | 199 | Leprosy | 6.2 | 0.06506 |
| 67 | Swelling | 26.6 | 0.27912 | 200 | Capsule | 6.2 | 0.06506 |
| 68 | OintmentSalveSuperset | 26.1 | 0.27387 | 201 | Pulmonary | 6.2 | 0.06506 |
| 69 | Throat | 25.4 | 0.26653 | 202 | Rubefacient | 6.2 | 0.06506 |
| 70 | Urinary | 25.0 | 0.26233 | 203 | Oral | 6.0 | 0.06296 |
| 71 | Tea | 25.0 | 0.26233 | 204 | Womb | 6.0 | 0.06296 |
| 72 | Itch | 24.9 | 0.26128 | 205 | DogBite | 6.0 | 0.06296 |
| 73 | OilSapSuperset | 24.7 | 0.25918 | 206 | SkinWhitening | 5.8 | 0.06086 |
| 74 | OintmentPasteSuperset | 24.7 | 0.25918 | 207 | Malodorous | 5.2 | 0.05456 |
| 75 | Bronchitis | 24.6 | 0.25813 | 208 | Dyspnea | 5.0 | 0.05247 |
| 76 | NonEruptiveSkinDisease | 24.6 | 0.25813 | 209 | Maceration | 5.0 | 0.05247 |
| 77 | Eczema | 24.6 | 0.25813 | 210 | Scald | 5.0 | 0.05247 |
| 78 | Gout | 24.4 | 0.25603 | 211 | Smoked | 5.0 | 0.05247 |
| 79 | Saturn | 24.2 | 0.25393 | 212 | Soap | 5.0 | 0.05247 |
| 80 | Bruise | 24.1 | 0.25289 | 213 | Scar | 4.9 | 0.05142 |
| 81 | AntiDiarrheal | 24.0 | 0.25184 | 214 | Bloating | 4.8 | 0.05037 |
| 82 | Ointment | 23.9 | 0.25079 | 215 | Sunburn | 4.8 | 0.05037 |
| 83 | Antiseptic | 23.2 | 0.24344 | 216 | Liniment | 4.7 | 0.04932 |
| 84 | Oil | 23.1 | 0.24239 | 217 | Biliary | 4.6 | 0.04827 |
| 85 | MusculoSkeletalBodyPart | 23.0 | 0.24134 | 218 | Injection | 4.4 | 0.04617 |
| 86 | Tincture | 22.8 | 0.23924 | 219 | Pneumonia | 4.4 | 0.04617 |
| 87 | Extract | 22.1 | 0.23190 | 220 | RedBerry | 4.4 | 0.04617 |
| 88 | Mars | 21.9 | 0.22980 | 221 | BarkUsed | 4.4 | 0.04617 |
| 89 | Venus | 21.4 | 0.22455 | 222 | Fracture | 4.2 | 0.04407 |
| 90 | Dye | 21.3 | 0.22350 | 223 | Chilblain | 4.0 | 0.04197 |
| 91 | Pharyngitis | 21.2 | 0.22246 | 224 | Scab | 4.0 | 0.04197 |
| 92 | Hepatic | 21.2 | 0.22246 | 225 | Fistula | 3.8 | 0.03987 |
| 93 | Powder | 21.1 | 0.22141 | 226 | SingleIngredient | 3.6 | 0.03778 |
| 94 | Arthritis | 21.0 | 0.22036 | 227 | Vaginal | 3.6 | 0.03778 |
| 95 | Face | 20.4 | 0.21406 | 228 | Hepatitis | 3.6 | 0.03778 |
| 96 | Heart | 20.4 | 0.21406 | 229 | Mosquito | 3.6 | 0.03778 |
| 97 | NotParasiteSuperset | 20.4 | 0.21406 | 230 | Hepatoprotective | 3.4 | 0.03568 |
| 98 | SeedUsed | 20.3 | 0.21301 | 231 | Cardiotonic | 3.4 | 0.03568 |
| 99 | Headache | 19.6 | 0.20567 | 232 | Pleurisy | 3.4 | 0.03568 |
| 100 | Cosmetic | 19.4 | 0.20357 | 233 | Elixir | 3.2 | 0.03358 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 101 | Aphrodisiac | 19.0 | 0.19937 | 234 | Haemoptysis | 3.2 | 0.03358 |
| 102 | HoneyIngredient | 19.0 | 0.19937 | 235 | Hemorrhage | 3.2 | 0.03358 |
| 103 | Sore | 18.9 | 0.19832 | 236 | InternalBleeding | 3.2 | 0.03358 |
| 104 | Tumor | 18.8 | 0.19727 | 237 | KidneyStimulant | 3.2 | 0.03358 |
| 105 | WineIngredient | 18.7 | 0.19622 | 238 | Patch | 3.0 | 0.03148 |
| 106 | Alkaloid | 18.5 | 0.19412 | 239 | Menorrhagia | 2.8 | 0.02938 |
| 107 | Jupiter | 18.4 | 0.19307 | 240 | Nosebleed | 2.8 | 0.02938 |
| 108 | PandemicSkinDisease | 17.8 | 0.18678 | 241 | AntiEmetic | 2.6 | 0.02728 |
| 109 | Inflammatory | 17.6 | 0.18468 | 242 | Mithridate | 2.6 | 0.02728 |
| 110 | Antihemorrhoidal | 17.4 | 0.18258 | 243 | Whitlow | 2.6 | 0.02728 |
| 111 | DriedHerbUsed | 17.2 | 0.18048 | 244 | Gel | 2.6 | 0.02728 |
| 112 | SkinGovernedByJupiter | 16.8 | 0.17629 | 245 | Gallstone | 2.4 | 0.02518 |
| 113 | Muscle | 16.6 | 0.17419 | 246 | Blister | 2.2 | 0.02308 |
| 114 | Pesticide | 16.5 | 0.17314 | 247 | Satchet | 2.2 | 0.02308 |
| 115 | Joint | 16.4 | 0.17209 | 248 | Burnt | 2.0 | 0.02099 |
| 116 | Bleeding | 16.2 | 0.16999 | 249 | Douche | 2.0 | 0.02099 |
| 117 | Breast | 16.0 | 0.16789 | 250 | HepaticStimulant | 2.0 | 0.02099 |
| 118 | ToxicityScore | 15.9 | 0.16684 | 251 | Menopause | 2.0 | 0.02099 |
| 119 | Boil | 15.8 | 0.16579 | 252 | Rosacea | 1.8 | 0.01889 |
| 120 | Rash | 15.6 | 0.16369 | 253 | Insectivore | 1.6 | 0.01679 |
| 121 | EyeWash | 15.6 | 0.16369 | 254 | KidneyPain | 1.6 | 0.01679 |
| 122 | Mercury | 15.5 | 0.16264 | 255 | Colorectal | 1.6 | 0.01679 |
| 123 | Abortifacient | 15.2 | 0.15950 | 256 | FaceMask | 1.4 | 0.01469 |
| 124 | Acne | 15.0 | 0.15740 | 257 | OvarianCancer | 1.4 | 0.01469 |
| 125 | ColdRemedy | 14.8 | 0.15530 | 258 | Carbuncle | 1.4 | 0.01469 |
| 126 | Jaundice | 14.7 | 0.15425 | 259 | BreathFreshener | 1.2 | 0.01259 |
| 127 | Lice | 14.7 | 0.15425 | 260 | Cream | 1.2 | 0.01259 |
| 128 | Scabies | 14.5 | 0.15215 | 261 | BlackBerry | 1.0 | 0.01049 |
| 129 | BloodPurifier | 14.2 | 0.14900 | 262 | Gastritis | 1.0 | 0.01049 |
| 130 | FruitUsed | 14.2 | 0.14900 | 263 | Pancreatic | 1.0 | 0.01049 |
| 131 | AbdominalCramp | 14.0 | 0.14690 | 264 | ParasiticPlant | 1.0 | 0.01049 |
| 132 | Moon | 14.0 | 0.14690 | 265 | Oxymel | 0.6 | 0.00630 |
| 133 | Hair | 13.5 | 0.14166 | | | | |

Table 20.3: Occult and CNS Usage Properties Minimally Correlated with Voynich Word Categories

| Usage Properties | Identification Index | Share of the Manuscript-Wide Identification Index | Best Voynich Categories | Distinct Word Count | Document Word Count | True Positive vs. False Positive Ratio | PPV Probability Difference Score |
|---|---|---|---|---|---|---|---|
| **Potentially Occult** | | | | | | | |
| WitchcraftProtection | 10.8 | 0.11404 | #1 odl | 18 | 24 | 2.2:2.6 | 0.34429 |
| | | | #3 od[fptk \| dlrsmg] | 32 | 38 | 2.8:4 | 0.29772 |
| Moon | 13.2 | 0.13939 | [yo]dai$^{0-4}$[dsg] | - | - | - | - |
| Satchet | 2.2 | 0.02323 | - | - | - | - | - |
| Aphrodisiac | 20 | 0.21119 | #23 oy | 77 | 141 | 13.2:21.8 | 0.16595 |
| | | | #2 o[fptk]s | 2 | 2 | 1.8:0 | 0.78881 |
| | | | #4 od[fptk \| dlrsmg] minus odl | 14 | 14 | 1.2:0.8 | 0.38881 |
| | | | #8 odees variants | 9 | 9 | 1.2:1.4 | 0.25035 |
| | | | #11 [yo]doi$^{0-4}$l | 16 | 22 | 4:5.8 | 0.19697 |
| | | | #28 [yo]py | 44 | 70 | 2.8:4.8 | 0.15723 |
| | | | #36 [yo]po | 13 | 33 | 3.2:5.8 | 0.14437 |
| | | | #31 cpe4[yo] | 36 | 94 | 9.2:16.2 | 0.15101 |
| **CNS-Related** | | | | | | | |
| Narcotic | 12.4 | 0.13094 | #1-2 ofe0-4y and [yo]fy | 8 | 10 | 2:1.6 | 0.42462 |
| | | | #3 a[fptk]y | 23 | 26 | 1.6:2.4 | 0.26906 |
| | | | #9 cfe4[yo] | 12 | 26 | 2.6:5.4 | 0.19406 |
| Sedative | 10.8 | 0.11404 | #2 dody | 10 | 17 | 2.2:4 | 0.24080 |
| | | | #3 a[fptk]y | 23 | 26 | 1.4:2.6 | 0.23596 |
| | | | #4 e$^{1-4}$n | 11 | 13 | 2.4:5 | 0.21028 |
| Analgesic | 12.6 | 0.13305 | #14 odo | 41 | 57 | 5.8:14 | 0.15988 |
| | | | #17 cfe$^{1-4}$[yo] | 12 | 26 | 2.2:5.8 | 0.14195 |
| Headache | 19.6 | 0.20697 | 5 od[fptk \| dlrsmg] minus odl | 14 | 14 | 1.4:0.6 | 0.49303 |
| | | | #9 cfe$^{1-4}$[yo] | 12 | 26 | 1.8:1.4 | 0.35553 |
| | | | #12 o[fptk \| dlrsmg]e$^{1-4}$g | 16 | 19 | 1.2:1 | 0.33848 |
| | | | #17 ceed + cey | 10 | 10 | 1.2:1.4 | 0.25457 |

Table 20.4: Other Medicinal Properties with Minuscule Word Category Correlation Options

| Usage Properties | Identification Index | Share of the Manuscript-Wide Identification Index | Best Voynich Categories | Distinct Word Count | Document Word Count | True Positive vs. False Positive Ratio | PPV Probability Difference Score |
|---|---|---|---|---|---|---|---|
| Sciatica | 10.4 | 0.10982 | #1 [yo][fptk]ce$^{1-4}$d | 21 | 42 | 2.4:1.6 | 0.49018 |
| | | | #2 [fptk \| dlrs] prefixes to *daiin* | 18 | 33 | 1.8:2 | 0.36386 |
| Fever | 34.8 | 0.36748 | #9 ydai0-4r | 6 | 12 | 1.6:0.4 | 0.43252 |
| | | | #38 ol + c \| cs + e$^{1-4}$o[lr] | 18 | 34 | 2.4:2.2 | 0.15426 |
| | | | #13 ycse4y | 8 | 29 | 2:0.8 | 0.34681 |
| | | | #23 e$^{1-4}$n | 11 | 13 | 4.2:3.2 | 0.20009 |
| | | | #28 odees variants | 9 | 9 | 1.4:1.2 | 0.17098 |
| | | | #30 ceed + cey | 10 | 10 | 1.4:1.2 | 0.17098 |
| | | | #15 od[fptk \| dlrsmg] minus odl | 14 | 14 | 1.4:0.6 | 0.33252 |
| | | | #34 od[fptk \| dlrsmg] | 32 | 38 | 3.6:3.2 | 0.16193 |
| | | | #17 o[fptk]d | 31 | 38 | 2.8:1.6 | 0.26888 |
| | | | #18 [rs][fptk \| l] | 27 | 30 | 2.2:1.4 | 0.24363 |
| | | | #36 d[fptk \| drs] | 42 | 56 | 9:8.2 | 0.15578 |
| Pancreatic | 1 | 0.01056 | - | - | - | - | - |
| Gall Bladder | 7.8 | 0.08237 | #3 o[fptk]c + e$^{1-4}$od | 12 | 21 | 2:4.6 | 0.22066 |
| | | | #6 okc + e$^{1-4}$ody | 11 | 30 | 2.2:6.8 | 0.16207 |
| | | | #7 olai$^{0-4}$n | 37 | 126 | 2.2:7 | 0.15676 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | #10 cpe[1-4]y | 4 | 27 | 2.2:7.2 | 0.15167 |
| | | | #11 eto | 15 | 22 | 1.6:5.4 | 0.14620 |
| | | | #14 cear nouns | 39 | 62 | 2.8:10.4 | 0.12975 |
| Gallstone | 2.4 | 0.02534 | #2 okc + e4ody | 11 | 30 | 1.6:7.4 | 0.15244 |
| | | | #3 de-Initial | 29 | 41 | 1.2:6.8 | 0.12466 |
| Jaundice | 14.7 | 0.15523 | #12 yc + e4ol | 7 | 34 | 4.2:5.8 | 0.26477 |
| Hepatic | 21.2 | 0.22386 | #17 yc + e4or | 5 | 34 | 4:6.2 | 0.16830 |
| | | | #23 yc + e4ol | 7 | 34 | 3.6:6.4 | 0.13614 |
| | | | #24 yc + e4o[lr] | 12 | 68 | 6.6:12 | 0.13098 |
| | | | #4 o[fptk]d | 31 | 38 | 2.2:2.2 | 0.27614 |
| | | | #43 od[fptk \| dlrsmg] | 32 | 38 | 2.2:4.6 | 0.09967 |
| | | | #32 orcey relatives | 17 | 26 | 2.6:5 | 0.11825 |
| | | | #2 [yo][fptk]ce4d | 21 | 42 | 2.4:1.6 | 0.37614 |
| Hepatic Stimulant | 2 | 0.02112 | #2 o + c \| cs + e4or | 31 | 40 | 1.6:11.4 | 0.10196 |
| Hepatitis | 3.6 | 0.03801 | #5 yc + e4or | 5 | 34 | 1.4:8.8 | 0.09924 |
| | | | #9 o + c \| cs + e4or | 31 | 40 | 1.4:11.6 | 0.06968 |
| | | | #10 o + c \| cs + e4ol | 28 | 48 | 1.4:12.2 | 0.06493 |
| | | | #11 o + c \| cs + e4o[lr] | 59 | 88 | 2.4:21.2 | 0.06368 |
| | | | #25 yc + e4o[lr] | 12 | 68 | 1.4:17.2 | 0.03726 |
| | | | #2 orcey relatives | 17 | 26 | 1.8:5.8 | 0.19883 |
| Hepatoprotective | 3.4 | 0.03590 | #2 o[fptk]ce4[lrsmg] | 50 | 57 | 1.6:5.6 | 0.18632 |
| | | | #4 odcey relatives | 29 | 34 | 1.6:6.8 | 0.15458 |
| Nephrology | 7 | 0.07392 | #1 ceed + cey | 10 | 10 | 1.2:1.4 | 0.38762 |
| | | | #25 [yo]c + e4dy | 45 | 110 | 1.2:8.6 | 0.04853 |
| Kidney Pain | 1.6 | 0.01690 | #1 yce4y | 9 | 53 | 1.6:9.6 | 0.12596 |
| Kidney Stimulant | 3.2 | 0.03379 | #1 [yo][fptk]ce4d | 21 | 42 | 1.6:2.4 | 0.36621 |
| | | | #2 cecpey relatives | 6 | 21 | 1.6:2.6 | 0.34716 |
| | | | #3 yc + e4o | 8 | 38 | 2:4.2 | 0.28879 |
| Kidney Stone | 7.8 | 0.08237 | #7 o[fptk]o | 18 | 51 | 1.8:7.6 | 0.10912 |
| | | | #9 yce4y | 9 | 53 | 2:9.2 | 0.09620 |
| Urinary | 25 | 0.26399 | #6 ord | 4 | 5 | 1.4:0.6 | 0.43601 |
| | | | #10 o[fptk]ce4[lrsmg] | 50 | 57 | 4.2:3 | 0.31934 |
| | | | #19 [yo][dlrsmg] + c \| cs + e4o | 11 | 15 | 1.2:1.4 | 0.19755 |

Table 20.5: Digestive Usage Properties Minimally Correlated with Voynich Word Categories

| Usage Properties | Identification Index | Share of the Manuscript-Wide Identification Index | Best Voynich Categories | Distinct Word Count | Document Word Count | True Positive vs. False Positive Ratio | PPV Probability Difference Score |
|---|---|---|---|---|---|---|---|
| Digestive | 68.2 | 0.72017 | | | | | |
| **Abrasive Remedies** | | | | | | | |
| Laxative | 27.4 | 0.28933 | #2 yd[ao]i0-4l | 9 | 11 | 2.2:0.2 | 0.62734 |
| | | | #3 ydai0-4l | 8 | 10 | 2.2:0.2 | 0.62734 |
| | | | #6 o[fptk \| dlrsmg]e4g | 16 | 19 | 1.6:0.6 | 0.43794 |
| | | | #8 q-prefix exceptions | 16 | 18 | 1.8:1 | 0.35353 |
| | | | #10 orcey relatives | 17 | 26 | 4.8:2.8 | 0.34225 |
| | | | #11 odl | 18 | 24 | 3:1.8 | 0.33567 |
| | | | #16 l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 46 | 230 | 1.2:0.8 | 0.31067 |
| | | | #17 cfe4[yo] | 12 | 26 | 4.8:3.2 | 0.31067 |
| | | | #21 od[fptk \| dlrsmg] | 32 | 38 | 3.8:3 | 0.26949 |
| | | | #27 ceed + cey | 10 | 10 | 1.4:1.2 | 0.24913 |
| | | | #28 cecpey relatives | 6 | 21 | 2.2:2 | 0.23448 |
| | | | #29 [yo]doi0-4[lr] | 29 | 45 | 8:7.4 | 0.23015 |
| Anti-Hemorrhoidal | 17.4 | 0.18374 | #1 odc-Nouns | 7 | 7 | 1.6:0 | 0.81626 |
| | | | #5 yd[ao]i0-4l | 9 | 11 | 1.6:0.8 | 0.48293 |
| | | | #6 ydai0-4l | 8 | 10 | 1.6:0.8 | 0.48293 |
| | | | #9 odees variants | 9 | 9 | 1.4:1.2 | 0.35472 |
| | | | #10 odcey relatives | 29 | 34 | 4.4:4 | 0.34007 |
| | | | #13 cecpey relatives | 6 | 21 | 1.8:2.4 | 0.24483 |
| | | | #15 o[fptk]d | 31 | 38 | 1.6:2.8 | 0.17990 |
| | | | #19 [yo][fptk]ce4d | 21 | 42 | 1.4:2.6 | 0.16626 |
| | | | #24 [rs][fptk \| l] | 27 | 30 | 1.2:2.4 | 0.14959 |
| | | | #26 cfe4[yo] | 12 | 26 | 2.6:5.4 | 0.14126 |
| **Soothing** | | | | | | | |
| Anti-Diarrheal | 24 | 0.25343 | #1 odc-Nouns | 7 | 7 | 1.6:0 | 0.74657 |
| | | | #4 odcey relatives | 29 | 34 | 4.6:3.8 | 0.29419 |
| | | | #6 [yo][fptk]ce4d | 21 | 42 | 2:2 | 0.24657 |
| | | | #5 [yo]ke4o | 13 | 89 | 3.6:3.4 | 0.26086 |
| | | | #12 ocees relatives | 17 | 20 | 2.8:3.6 | 0.18407 |
| | | | #13 ep[yoa] | 31 | 46 | 3.4:4.4 | 0.18247 |
| | | | #16 [yo]te4os | 13 | 60 | 2.4:3.2 | 0.17514 |
| | | | #18 cfe4[yo] | 12 | 26 | 3.2:4.8 | 0.14657 |
| | | | #24 cpeo-initial | 32 | 67 | 7.4:11.4 | 0.14019 |
| | | | #33 [yo]te4od | 41 | 149 | 4.4:7.4 | 0.11945 |
| | | | #35 [yo]doi0-4l | 16 | 22 | 3.6:6.2 | 0.11392 |
| Dyspepsia | 10.8 | 0.11404 | #4 odcey relatives | 29 | 34 | 3:5.4 | 0.24310 |
| | | | #37 orcey relatives | 17 | 26 | 1.8:5.8 | 0.12280 |
| | | | #19 oi4n | 4 | 58 | 1.2:3.2 | 0.15869 |
| | | | #17 [yo]te4o | 10 | 49 | 1.6:4.2 | 0.16182 |
| | | | #39 ef[yoa] | 33 | 33 | 1.6:5.4 | 0.11453 |
| | | | #36 eko | 25 | 38 | 2.2:7 | 0.12509 |
| | | | #7 cfe4[yo] | 12 | 26 | 2.6:5.4 | 0.21096 |
| | | | #33 e4n | 11 | 13 | 1.8:5.6 | 0.12920 |
| Colic | 11.8 | 0.12460 | #2 ceed + cey | 10 | 10 | 1.2:1.4 | 0.33694 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | #19 o[fptk]d | 31 | 38 | 1.2:3.2 | 0.14813 |
| | | | #6 ocees relatives | 17 | 20 | 2.4:4 | 0.25040 |
| | | | #22 ol + c \| cs + e4o[lr] | 18 | 34 | 1.2:3.4 | 0.13627 |
| | | | #3 ef[yoa] | 33 | 33 | 3:4 | 0.30397 |
| | | | #9 ep[yoa] | 31 | 46 | 2.8:5 | 0.23437 |
| | | | #11 e[fp][yoa] | 64 | 79 | 4.2:8 | 0.21966 |
| | | | #23 cfe4[yo] | 12 | 26 | 2:6 | 0.12540 |
| | | | #4 [yo]ke4o | 13 | 89 | 2.8:4.2 | 0.27540 |
| | | | #30 [yo]ke4ol | 34 | 223 | 4.2:14 | 0.10617 |
| | | | #31 [yo]ke4o[lr] | 53 | 319 | 5.6:18.8 | 0.10491 |
| Abdominal Cramp | 14 | 0.14784 | #1 ord | 4 | 5 | 1.2:0.8 | 0.45216 |
| | | | #2 or[fptk \| dlrsmg] | 12 | 13 | 1.2:1 | 0.39761 |
| | | | #6 [yo]te4or | 9 | 31 | 2:4.4 | 0.16466 |
| | | | #12 c + e4 + [fptk]c Nouns | 16 | 18 | 2:5.6 | 0.11532 |
| Peptic Ulcer | 9.4 | 0.09926 | #7 a[lr]an | 25 | 56 | 1.4:4.6 | 0.13407 |
| Carminative | 11 | 0.11616 | #3 [yo][fptk]ce4d | 21 | 42 | 2:2 | 0.38384 |
| | | | #18 [yo]te4o | 10 | 49 | 1.6:4.2 | 0.15970 |
| | | | #23 e[fp][yoa] | 64 | 79 | 2.8:9.4 | 0.11335 |
| | | | #24 ef[yoa] | 33 | 33 | 1.6:5.4 | 0.11241 |
| | | | #26 o[fptk]ce4[lrsmg] | 50 | 57 | 1.6:5.6 | 0.10606 |
| | | | #31 ckeo-initial | 26 | 79 | 4.6:17.2 | 0.09485 |
| Bloating | 4.8 | 0.05069 | #1 [fptk \| dlrs] prefixes to dal | 12 | 16 | 1.6:0 | 0.94931 |
| | | | #2 l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 38 | 186 | 1.4:0 | 0.94931 |
| | | | #6 [fptk \| dlrs] prefixes to daiin | 18 | 33 | 1.6:2.2 | 0.37036 |
| | | | #7 [yo][fptk]ce4d | 21 | 42 | 1.6:2.4 | 0.34931 |
| | | | #10 [yo][fptk]e4o | 11 | 88 | 1.6:5.2 | 0.18460 |
| | | | #18 ep[yoa] | 31 | 46 | 1.4:6.4 | 0.12880 |
| Biliary | 4.6 | 0.04857 | #2 [yo][fptk]ce4d | 21 | 42 | 1.8:2.2 | 0.40143 |
| | | | #18 cfe4[yo] | 12 | 26 | 1.6:6.4 | 0.15143 |
| | | | #19 ef[yoa] | 33 | 33 | 1.4:5.6 | 0.15143 |
| Anti-Emetic | 2.6 | 0.02746 | #11 ceckey relatives | 32 | 377 | 1.6:31.4 | 0.02102 |
| | | | #1 c-sequence + e4 + [fptk] + e4 + y | 35 | 101 | 2:9.6 | 0.14495 |
| | | | #17 oi4[dlrsmg \| n] | 13 | 1124 | 2.6:60.8 | 0.01355 |
| Colorectal | 1.6 | 0.01690 | - | - | - | - | - |
| Gastritis | 1 | 0.01056 | - | - | - | - | - |

Table 20.6: Respiratory Usage Properties Minimally Correlated with Voynich Word Categories

| Usage Properties | Identification Index | Share of the Manuscript-Wide Identification Index | Best Voynich Categories | Distinct Word Count | Document Word Count | True Positive vs. False Positive Ratio | PPV Probability Difference Score |
|---|---|---|---|---|---|---|---|
| **Both Major Subsets** | | | | | | | |
| Respiratory | 65.2 | 0.68849 | #7 orcey relatives | 17 | 26 | 7.6:0 | 0.31151 |
| | | | #17 odcey relatives | 29 | 34 | 7.8:0.6 | 0.24008 |
| | | | #15 odees variants | 9 | 9 | 2.6:0 | 0.31151 |
| | | | #25 oi4n | 4 | 58 | 3.8:0.6 | 0.17515 |
| | | | #20 yd[ao]i0-4l | 9 | 11 | 2.2:0.2 | 0.22818 |
| | | | #21 ydai0-4l | 8 | 10 | 2.2:0.2 | 0.22818 |
| | | | #23 olf | 21 | 25 | 1.6:0.2 | 0.20040 |
| | | | #36 c \| cs + e0-4s | 68 | 188 | 8.8:2.2 | 0.11151 |
| | | | #10 ol + c \| cs + e4ody | 6 | 7 | 1.8:0 | 0.31151 |
| | | | #22 ol + c \| cs + e4o[lr] | 18 | 34 | 4.2:0.4 | 0.22455 |
| **Abrasive** | | | | | | | |
| Respiratory | 65.2 | 0.68849 | #9 ofc + e4or | 4 | 7 | 2.2:0 | 0.31151 |
| | | | #14 ofol variants | 8 | 10 | 1.6:0 | 0.31151 |
| | | | #16 ofar variants | 17 | 25 | 3.2:0.2 | 0.25269 |
| | | | #27 cfe4[yo] | 12 | 26 | 6.8:1.2 | 0.16151 |
| | | | #30 oce4y | 32 | 60 | 10.6:2.2 | 0.13964 |
| | | | #32 ocse4y | 17 | 30 | 6.8:1.6 | 0.12103 |
| | | | #39 ofc + e4ol | 6 | 9 | 1.6:0.4 | 0.11151 |
| | | | #43 oce4y + s infixes | 49 | 90 | 14.6:3.8 | 0.10499 |
| | | | #19 opc + e4ody | 9 | 14 | 2.2:0.2 | 0.22818 |
| Anti-Asthmatic | 28.6 | 0.30201 | #2 ofol variants | 8 | 10 | 1.6:0 | 0.69799 |
| | | | #7 opal variants | 15 | 42 | 2.6:1.2 | 0.38220 |
| | | | #10 ofce0-4dy | 12 | 32 | 2.4:1.4 | 0.32957 |
| | | | #17 opc + e4ol | 11 | 31 | 3.8:3.4 | 0.22577 |
| | | | #18 cfe4[yo] | 12 | 26 | 4.2:3.8 | 0.22299 |
| | | | #24 osa | 42 | 66 | 3.8:4.2 | 0.17299 |
| | | | #26 yodai0-4l | 75 | 143 | 13.2:14.8 | 0.16942 |
| | | | #29 odai0-4l | 67 | 133 | 12.4:14 | 0.16769 |
| | | | #6 [yo]ke4o | 13 | 89 | 4.8:2.2 | 0.38370 |
| | | | #25 [yo]te4od | 41 | 149 | 5.6:6.2 | 0.17257 |
| Decongestant | 8.2 | 0.08659 | #1 ol + c \| cs + e4ody | 6 | 7 | 1.2:0.6 | 0.58008 |
| | | | #2 opor variants | 10 | 25 | 2.8:1.8 | 0.52211 |
| | | | #7 opal variants | 15 | 42 | 1.8:2 | 0.38709 |
| | | | #9 ocse4y | 17 | 30 | 3.8:4.6 | 0.36579 |
| | | | #10 opol variants | 15 | 25 | 1.8:2.2 | 0.36341 |
| | | | #12 [yo]po | 44 | 70 | 3.6:5.4 | 0.31341 |
| | | | #13 ceas variants | 7 | 9 | 1.8:2.8 | 0.30471 |
| | | | #14 otas variants | 7 | 16 | 1.8:2.8 | 0.30471 |
| | | | #16 odcey relatives | 29 | 34 | 3.2:5.2 | 0.29436 |
| | | | #17 oe0-4[fp]oe0-4[lr] | 42 | 71 | 3.6:6.2 | 0.28076 |
| | | | #18 opc + e4or | 6 | 16 | 1.8:3.4 | 0.25956 |
| | | | #19 [yo]cse4y | 24 | 57 | 3.8:7.4 | 0.25270 |
| | | | #11 ydai0-4[lr] | 14 | 22 | 1.8:2.6 | 0.32250 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Expectorant | 10 | 0.10560 | #3 opor variants | 10 | 25 | 1.8:2.8 | 0.28570 |
| | | | #4 cfe4[yo] | 12 | 26 | 3:5 | 0.26940 |
| | | | #7 osai0-4n | 17 | 34 | 1.8:3.6 | 0.22773 |
| | | | #8 yd[ao]i0-4[lr] | 16 | 24 | 1.8:3.6 | 0.22773 |
| | | | #9 odcey relatives | 29 | 34 | 2.4:6 | 0.18011 |
| | | | #14 opce0-4y | 25 | 111 | 5:14 | 0.15756 |
| | | | #5 [yo][fptk]e4o | 11 | 88 | 2.4:4.4 | 0.24734 |
| | | | #6 ol + c \| cs + e4o[lr] | 18 | 34 | 1.6:3 | 0.24223 |
| | | | #1 opc + e4ody | 9 | 14 | 1.4:1 | 0.47773 |
| | | | #2 [yo][fptk]ce4d | 21 | 42 | 1.8:2.2 | 0.34440 |
| **Non-Abrasive** | | | | | | | |
| Respiratory | 65.2 | 0.68849 | #1 [fptk \| dlrs] prefixes to dal | 12 | 16 | 1.6:0 | 0.31151 |
| | | | #44 [fptk \| dlrs] prefixes to daiin | 18 | 33 | 3:0.8 | 0.10098 |
| | | | #2 c \| cs + e0-4r | 9 | 16 | 1.2:0 | 0.31151 |
| | | | #3 ceed + cey | 10 | 10 | 2.6:0 | 0.31151 |
| | | | #5 q-prefix exceptions | 16 | 18 | 2.8:0 | 0.31151 |
| | | | #12 o[fptk]s | 2 | 2 | 1.8:0 | 0.31151 |
| | | | #28 ady | 25 | 36 | 7.2:1.4 | 0.14872 |
| | | | #37 [yo][fptk]ce4d | 21 | 42 | 3.2:0.8 | 0.11151 |
| | | | #29 odl | 18 | 24 | 4:0.8 | 0.14484 |
| | | | #42 od[fptk \| dlrsmg] | 32 | 38 | 5.4:1.4 | 0.10563 |
| | | | #38 okc + e4ody | 11 | 30 | 7.2:1.8 | 0.11151 |
| | | | #8 odc-Nouns | 7 | 7 | 1.6:0 | 0.31151 |
| Cold Remedy | 14.8 | 0.15628 | #1 q-prefix exceptions | 16 | 18 | 1.8:1 | 0.48658 |
| | | | #25 [fptk][dlrs] Prefixes | 27 | 34 | 2.2:5.2 | 0.14102 |
| | | | #3 [fptk \| dlrs] prefixes to daiin | 18 | 33 | 1.8:2 | 0.31740 |
| | | | #5 cse0-4s | 43 | 102 | 2.4:3 | 0.28816 |
| | | | #7 odl | 18 | 24 | 2:2.8 | 0.26039 |
| | | | #27 od[fptk \| dlrsmg] | 32 | 38 | 2:4.8 | 0.13784 |
| | | | #8 [yo]te4o | 10 | 49 | 2.4:3.4 | 0.25751 |
| | | | #11 [yo][fptk]e4o | 11 | 88 | 2.6:4.2 | 0.22607 |
| | | | #13 okc + e4ody | 11 | 30 | 3.4:5.6 | 0.22150 |
| | | | #28 c \| cs + e0-4s | 68 | 188 | 3.2:7.8 | 0.13463 |
| | | | #30 c + e4 + [fptk] Nouns | 26 | 31 | 2:5 | 0.12943 |
| | | | #31 odcey relatives | 29 | 34 | 2.4:6 | 0.12943 |
| | | | #32 o[fptk]ce4[lrsmg] | 50 | 57 | 2:5.2 | 0.12150 |
| Flu | 7.8 | 0.08237 | #3 [yo][fptk]ce4d | 21 | 42 | 1.4:2.6 | 0.26763 |
| | | | #5 [yo]doi0-4l | 16 | 22 | 2.8:7 | 0.20334 |
| | | | #8 okc + e4ody | 11 | 30 | 2.2:6.8 | 0.16207 |
| | | | #16 odcey relatives | 29 | 34 | 1.6:6.8 | 0.10811 |
| Cough | 31.8 | 0.33580 | #3 cecfey relatives | 8 | 10 | 1.6:0.6 | 0.39147 |
| | | | #33 ceed + cey | 10 | 10 | 1.4:1.2 | 0.20266 |
| | | | #4 ady | 25 | 36 | 6.2:2.4 | 0.38513 |
| | | | #5 q-prefix exceptions | 16 | 18 | 2:0.8 | 0.37849 |
| | | | #6 od[fptk \| dlrsmg] minus odl | 14 | 14 | 1.4:0.6 | 0.36420 |
| | | | #8 od[fptk \| dlrsmg] | 32 | 38 | 4.6:2.2 | 0.34067 |
| | | | #10 odl | 18 | 24 | 3.2:1.6 | 0.33087 |
| | | | #14 odcey relatives | 29 | 34 | 5.2:3.2 | 0.28325 |
| | | | #17 ol + c \| cs + e4o | 8 | 12 | 1.2:0.8 | 0.26420 |
| | | | #18 otc + e4ol | 13 | 66 | 16.6:11.2 | 0.26132 |
| | | | #19 opc + e4ody | 9 | 14 | 1.4:1 | 0.24753 |
| | | | #20 yd[ao]i0-4l | 9 | 11 | 1.4:1 | 0.24753 |
| | | | #21 ydai0-4l | 8 | 10 | 1.4:1 | 0.24753 |
| | | | #35 [yo]te4os | 13 | 60 | 3:2.6 | 0.19991 |
| Whooping Cough | 8.4 | 0.08870 | #5 [dlrsmg] + c\| c[s \| fptk] + e4o | 16 | 49 | 3.2:7.6 | 0.20760 |
| Dyspnea | 5 | 0.05280 | #2 od[fptk \| dlrsmg] | 32 | 38 | 2.2:4.6 | 0.27073 |
| | | | #3 odl | 18 | 24 | 1.4:3.4 | 0.23887 |
| | | | #1 ol + c \| cs + e4ody | 6 | 7 | 1.2:0.6 | 0.61387 |
| | | | #4 okc + e4ody | 11 | 30 | 2.4:6.6 | 0.21387 |
| | | | #6 [yo]te4od | 41 | 149 | 2.6:9.2 | 0.16754 |
| | | | #7 c \| cs + e0-4s | 68 | 188 | 2:9 | 0.12902 |
| Pneumonia | 4.4 | 0.04646 | #2 odl | 18 | 24 | 1.6:3.2 | 0.28687 |
| | | | #4 od[fptk \| dlrsmg] | 32 | 38 | 1.6:5.2 | 0.18883 |
| | | | #3 [yo][fptk]e4o | 11 | 88 | 1.8:5 | 0.21825 |
| | | | #1 opc + e4ody | 9 | 14 | 1.6:0.8 | 0.62021 |
| | | | #7 okc + e4ody | 11 | 30 | 1.6:7.4 | 0.13132 |
| Pulmonary | 6.2 | 0.06547 | #1 o[fptk]ce4[lrsmg] | 50 | 57 | 2.4:4.8 | 0.26786 |
| | | | #2 c \| cs + e0-4l | 21 | 64 | 1.2:3 | 0.22024 |
| | | | #12 odcey relatives | 29 | 34 | 1.6:6.8 | 0.12501 |
| | | | #14 c-sequence + e4 + [fptk] + c-sequence + e4 + y | 43 | 84 | 3.4:17 | 0.10120 |
| Haemoptysis | 3.2 | 0.03379 | #1 c \| cs + e0-4l | 21 | 64 | 1.8:2.4 | 0.39478 |
| | | | #2 o[fptk]ce4[lrsmg] | 50 | 57 | 1.4:5.8 | 0.16065 |
| | | | #4 [yo]doi0-4l | 16 | 22 | 1.6:8.2 | 0.12948 |
| | | | #6 [dlrsmg] + c\| c[s \| fptk] + e4o | 16 | 49 | 1.6:9.2 | 0.11436 |
| Pleurisy | 3.4 | 0.03590 | - | - | - | - | - |
| Breath Freshener | 1.2 | 0.01267 | - | - | - | - | - |
| **Throat** | | | | | | | |
| Throat | 25.4 | 0.26822 | #27 olt | 48 | 65 | 3.2:3.8 | 0.18892 |
| | | | #1 o[fptk \| dlrsmg]e4g | 16 | 19 | 1.6:0.6 | 0.45905 |
| | | | #3 [yo]ke4o | 13 | 89 | 4.6:2.4 | 0.38892 |
| | | | #4 [yo]ke4os | 14 | 46 | 2.2:1.2 | 0.37884 |
| | | | #9 o[fptk]e4os | 27 | 106 | 5:4 | 0.28734 |
| | | | #27 olt | 48 | 65 | 3.2:3.8 | 0.18892 |
| Pharyngitis | 21.2 | 0.22386 | #1 [yo]ke4o | 13 | 89 | 4.4:2.6 | 0.40471 |
| | | | #12 [yo]ke4os | 14 | 46 | 1.6:1.8 | 0.24673 |
| | | | #3 [yo][fptk]ce4d | 21 | 42 | 2.2:1.8 | 0.32614 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | #2 ord | 4 | 5 | 1.2:0.8 | 0.37614 |
| | | | #4 or[fptk \| dlrsmg] | 12 | 13 | 1.2:1 | 0.32159 |
| | | | #5 ceed + cey | 10 | 10 | 1.4:1.2 | 0.31460 |
| | | | #6 cecpey relatives | 6 | 21 | 2.2:2 | 0.29995 |
| Scrofula | 10.6 | 0.11193 | #1 [yo]ke4os | 14 | 46 | 1.6:1.8 | 0.35866 |
| | | | #3 o[fptk]e4os | 27 | 106 | 2.6:6.4 | 0.17696 |
| | | | #10 [yo][fptk]e4or | 28 | 127 | 3.2:11.8 | 0.10140 |
| | | | #2 o + c \| cs + e4o | 21 | 26 | 2:4.8 | 0.18219 |
| | | | #7 otc + e4o | 15 | 44 | 3.8:12.8 | 0.11699 |
| | | | #4 okc + e4ody | 11 | 30 | 2.4:6.6 | 0.15474 |
| | | | #11 o[fptk]c + e4od | 12 | 21 | 1.4:5.2 | 0.10019 |

Table 21.1: Correlations to Toxins and the Parasite Superset

| Usage Properties | Identification Index | Share of the Manuscript-Wide Identification Index | Best Voynich Categories | Distinct Word Count | Document Word Count | True Positive vs. False Positive Ratio | PPV Probability Difference Score |
|---|---|---|---|---|---|---|---|
| Toxicity Score | 34.08[5] | 0.359115 | #45 [yo]ce4y | 41 | 113 | 23.4:23 | #45 [yo]ce4y |
| | | | #31 oce4y | 32 | 60 | 13.8:11.8 | 0.37152 |
| | | | #26 ydai0-4r | 6 | 12 | 2.2:1.8 | 0.38246 |
| | | | #35 yd[ao]i0-4r | 7 | 13 | 3.2:2.8 | 0.36579 |
| | | | #25 [yo]ke4os | 14 | 46 | 3.2:2.6 | 0.38418 |
| | | | #29 otas variants | 7 | 16 | 5:4.2 | 0.37594 |
| | | | #23 dody | 10 | 17 | 7:5.4 | 0.39698 |
| **Means of Action** | | | | | | | |
| Antidote | 49.7 | 0.52371 | #28 ydai0-4l | 8 | 10 | 1.8:0.6 | 0.22629 |
| | | | #44 ydai0-4n | 11 | 40 | 10.4:4.4 | 0.17899 |
| | | | #12 oe4y | 27 | 66 | 6.8:1.4 | 0.30556 |
| | | | #54 oy + oe4y | 104 | 207 | 26.2:12.2 | 0.15858 |
| | | | #55 oy | 77 | 141 | 23.8:11.2 | 0.15629 |
| | | | #6 oi4n | 4 | 58 | 4:0.4 | 0.38538 |
| | | | #51 oi | 111 | 304 | 26:11.8 | 0.16412 |
| | | | #56 oi4n Superset | 79 | 257 | 23.8:11.2 | 0.15629 |
| | | | #19 e4n | 11 | 13 | 5.8:1.6 | 0.26007 |
| Antidote Required | 38.7 | 0.4078 | #5 ocse4y | 17 | 30 | 7:1.4 | 0.42553 |
| | | | #12 [yo]cse4y | 24 | 57 | 8.2:3 | 0.32434 |
| | | | #16 oce4y + s infixes | 49 | 90 | 12.4:6 | 0.26611 |
| | | | #23 oce4y | 32 | 60 | 8.2:4.6 | 0.23283 |
| | | | #28 [yo]ce4y | 41 | 113 | 14.2:9 | 0.20427 |
| | | | #29 [yo]ce4y + s infixes | 66 | 172 | 17.2:11.2 | 0.19783 |
| | | | #42 ocke4y | 38 | 162 | 12.6:9.2 | 0.17018 |
| | | | #60 yce4y | 9 | 53 | 6:5.2 | 0.12791 |
| | | | #20 [yo]ke4os | 14 | 46 | 2.2:1.2 | 0.23926 |
| | | | #32 o[fptk]e4os | 27 | 106 | 5.4:3.6 | 0.19220 |
| | | | #37 ce0-4s | 43 | 165 | 9:6.2 | 0.18431 |
| | | | #45 [yo]te4os | 13 | 60 | 3.2:2.4 | 0.16363 |
| | | | #76 otas variants | 7 | 16 | 2.4:2.2 | 0.11394 |
| | | | #18 oe4y | 27 | 66 | 5.4:2.8 | 0.25074 |
| Pesticide | 16.5 | 0.17387 | #1 t[yo]lc | 9 | 9 | 1.6:0.6 | 0.55340 |
| | | | #3 ofc + e4ol | 6 | 9 | 1.2:0.8 | 0.42613 |
| | | | #7 ofe0-4y | 8 | 10 | 2:1.6 | 0.38169 |
| | | | #37 [yo]ke4os | 14 | 46 | 1.4:2 | 0.23789 |
| | | | #41 o[fptk]e4os | 27 | 106 | 3.4:5.6 | 0.20391 |
| | | | #58 [yo]te4os | 13 | 60 | 2:3.6 | 0.18327 |
| | | | #119 o[tk][ao]s | 28 | 58 | 2:5.2 | 0.10391 |
| | | | #104 oe4y | 27 | 66 | 2.4:5.8 | 0.11881 |
| | | | #22 yd[ao]i0-4r | 7 | 13 | 1.4:1.6 | 0.29280 |
| | | | #23 dody | 10 | 17 | 2.8:3.4 | 0.27774 |
| | | | #30 yce4y | 9 | 53 | 4.8:6.4 | 0.25470 |
| Repellent | 13 | 0.13699 | #1 okas variants | 7 | 12 | 1.6:0 | 0.86301 |
| | | | #12 o[tk][ao]s | 28 | 58 | 2.6:4.6 | 0.22412 |
| | | | #22 osai0-4n | 17 | 34 | 1.6:3.8 | 0.15931 |
| | | | #25 o[fptk][ao]s | 32 | 66 | 2.6:6.4 | 0.15190 |
| | | | #42 oe4y | 27 | 66 | 2:6.2 | 0.10691 |
| | | | #16 yd[ao]i0-4[lr] | 16 | 24 | 1.8:3.6 | 0.19634 |
| | | | #17 dody | 10 | 17 | 2:4.2 | 0.18559 |
| | | | #3 yc[s \| fptk]e4y | 11 | 34 | 1.4:1.4 | 0.36301 |
| Insectivore | 1.6 | 0.01686 | #14 [tk]e4o | 66 | 206 | 1.6:30.8 | 0.03252 |
| Parasitic Plant | 1 | 0.01054 | #1 ofod variants | 4 | 4 | 0.600:0.600 | 0.48946 |
| | | | #2 yc[s \| fptk]e4y | 11 | 34 | 0.600:2.200 | 0.20375 |
| | | | #3 ycse4y | 8 | 29 | 0.600:2.200 | 0.20375 |
| **Cause** | | | | | | | |
| Parasite Superset | 73.3 | 0.77239 | | | | | |
| Not Parasite Superset | 20.4 | 0.21496 | | | | | |
| Bite | 73.1 | 0.77028 | | | | | |
| Large Creature Bite | 33.7 | 0.35511 | #10 oe4y | 27 | 66 | 5.4:2.8 | 0.29289 |
| | | | #56 oy | 77 | 141 | 17.4:17.8 | 0.12867 |
| | | | #62 oy + oe4y | 104 | 207 | 18.8:19.8 | 0.12140 |
| | | | #25 o[fptk]e4os | 27 | 106 | 4.9:3.6 | 0.21082 |
| Serpent/Snake | 31.9 | 0.32561 | #67 oe4y | 27 | 66 | 3.4:4.8 | 0.07849 |
| | | | #72 oy + oe4y | 104 | 207 | 15.8:22.8 | 0.07319 |
| | | | #74 oy | 77 | 141 | 14.4:20.8 | 0.07295 |

[5] Multiplied by the $f_{Toxicity}$ of each plant.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | #3 odc-Nouns | 7 | 7 | 1.6:0 | 0.66386 |
| | | | #9 o[fptk]c + e4od | 12 | 21 | 4.1:2.2 | 0.31465 |
| | | | #8 odees variants | 9 | 9 | 1.8:0.8 | 0.35617 |
| | | | #21 od[fptk \| dlrsmg] | 32 | 38 | 3.6:3.2 | 0.19327 |
| | | | #48 odcey relatives | 29 | 34 | 3.8:4.6 | 0.11624 |
| Dog Bite | 5.6 | 0.05901 | #16 oe4y | 27 | 66 | 2:6.2 | 0.18489 |
| | | | #3 [yo]te4os | 13 | 60 | 2:3.6 | 0.29813 |
| | | | #20 o[fptk]e4os | 27 | 106 | 2:6.5 | 0.17628 |
| Small Creature Bite Superset #1 | 47.9 | 0.50474 | #15 o[fptk][ao]s | 32 | 66 | 7.4:1.6 | 0.30273 |
| | | | #8 o[tk][ao]s | 28 | 58 | 6.6:0.6 | 0.39718 |
| | | | #94 oe0-4s | 271 | 632 | 33.5:19.8 | 0.10903 |
| | | | #10 odcey relatives | 29 | 34 | 7.2:1.2 | 0.33765 |
| | | | #16 e4n | 11 | 13 | 6:1.4 | 0.29132 |
| | | | #53 dody | 10 | 17 | 4.2:2 | 0.15793 |
| Scorpion | 12.2 | 0.12856 | #35 o[tk][ao]s | 28 | 58 | 1.8:5.4 | 0.12144 |
| | | | #37 oe4y | 27 | 66 | 2:6.2 | 0.11534 |
| | | | #32 [yo]ce4y | 41 | 113 | 6:17.2 | 0.13006 |
| Insect Other | 30.3 | 0.31928 | #28 o[tk][ao]s | 28 | 58 | 3.8:3.4 | 0.20850 |
| | | | #31 o[fptk][ao]s | 32 | 66 | 4.6:4.4 | 0.19183 |
| | | | #2 ofor variants | 5 | 7 | 1.7:0.6 | 0.41985 |
| | | | #3 ofar variants | 17 | 25 | 2.4:1 | 0.38660 |
| | | | #21 ope0-4y | 14 | 34 | 4.2:3.4 | 0.23335 |
| | | | #23 [yo]fa | 37 | 59 | 4.4:3.6 | 0.23072 |
| | | | #45 ofc + e4 + y \| dy \| o + [lr] Superset | 39 | 75 | 6.2:7 | 0.15042 |
| | | | #27 yd[ao]i0-4r | 7 | 13 | 1.6:1.4 | 0.21405 |
| | | | #28 o[tk][ao]s | 28 | 58 | 3.8:3.4 | 0.20850 |
| | | | #31 o[fptk][ao]s | 32 | 66 | 4.6:4.4 | 0.19183 |
| Lice | 14.7 | 0.15490 | #3 osai0-4n | 17 | 34 | 2:3.6 | 0.27916 |
| | | | #15 osa | 42 | 66 | 2:6.2 | 0.16592 |
| | | | #19 faceys relatives | 54 | 61 | 1.8:6.2 | 0.14702 |
| | | | #8 te4o | 32 | 75 | 3:6.6 | 0.23452 |
| | | | #9 dody | 10 | 17 | 1.8:4.4 | 0.21234 |
| | | | #10 odcey relatives | 29 | 34 | 2.4:6 | 0.20773 |
| | | | #16 [yo]e4[fp] | 23 | 23 | 1.8:5.6 | 0.16526 |
| | | | #17 [yo][fptk]e4o | 11 | 88 | 1.6:5.2 | 0.15731 |
| | | | #18 [yo]c[fp] | 50 | 62 | 3.4:11.3 | 0.15331 |
| | | | #22 opce0-4dy | 17 | 159 | 1.8:6.8 | 0.13132 |
| | | | #23 [yo]e4 \| c + [fp] | 72 | 84 | 4.2:15.9 | 0.13098 |
| | | | #29 ofce0-4y | 13 | 23 | 1.2:5 | 0.11557 |
| | | | #30 ofc + e0-4 + y \| dy \| o[dlrs]y | 35 | 65 | 2.2:9.4 | 0.11168 |
| | | | #35 ke4o | 40 | 137 | 4.8:21.6 | 0.10384 |
| Flea | 7.4 | 0.07798 | #8 o[fptk]e4os | 27 | 106 | 3.5:5 | 0.25686 |
| | | | #4 [yo]te4os | 13 | 60 | 2.8:2.8 | 0.34510 |
| | | | #15 od[ao]i0-4m | 23 | 34 | 3.7:7.4 | 0.17843 |
| | | | #47 o[fptk \| dlrsmg][ao]m | 87 | 280 | 8.9:23.6 | 0.11895 |
| | | | #36 odai0-4l | 67 | 133 | 7.5:18.4 | 0.13468 |
| | | | #18 odcey relatives | 29 | 34 | 2.8:5.6 | 0.17843 |
| | | | #1 ofc + e4ol | 6 | 9 | 1.6:0.4 | 0.64510 |
| | | | #3 opar variants | 17 | 48 | 1.8:1.4 | 0.40760 |
| | | | #5 te4o | 32 | 75 | 4.4:5.2 | 0.30343 |
| | | | #27 [yo]c[fp] | 50 | 62 | 4.7:10 | 0.16483 |
| | | | #28 cpeo-initial | 32 | 67 | 6:12.8 | 0.16425 |
| | | | #29 [yo]pa | 57 | 141 | 2.4:5.2 | 0.16089 |
| | | | #42 [yo]e4 \| c + [fp] | 72 | 84 | 5.7:14.4 | 0.12868 |
| | | | #46 [yo][fp]ai0-4[m] | 47 | 111 | 2.8:7.4 | 0.11961 |
| | | | #50 [yo]e4[fp] | 23 | 23 | 2:5.4 | 0.11537 |
| Mosquito | 3.6 | 0.03793 | - | - | - | - | - |
| Spider Bites | - | - | - | - | - | - | - |
| Small Creature Bite Superset #2 | 54.9 | 0.57850 | #29 o[fptk][ao]s | 32 | 66 | 7.4:1.6 | 0.23529 |
| | | | #125 o[fptk]e4os | 27 | 106 | 5.9:2.6 | 0.10719 |
| | | | #131 oe0-4s | 271 | 632 | 36.7:16.6 | 0.10163 |
| Scabies | 14 | 0.14752 | #10 [yo]ke4os | 14 | 46 | 1.3:1.6 | 0.29549 |
| | | | #25 o[fptk]e4os | 27 | 106 | 2.9:5.6 | 0.18839 |
| | | | #46 [yo]te4os | 13 | 60 | 1.6:4 | 0.13292 |
| | | | #5 t[yo]lc | 9 | 9 | 1.2:1 | 0.39266 |
| | | | #18 te4o | 32 | 75 | 3.8:5.8 | 0.24304 |
| | | | #27 [yo]fa | 37 | 59 | 2.6:5.4 | 0.17221 |
| | | | #32 ofc + e0-4 + y \| dy \| o[dlrs]y | 35 | 65 | 3.6:8 | 0.15755 |
| | | | #33 [yo]c[fp] | 50 | 62 | 4.5:10.2 | 0.15333 |
| | | | #19 odcey relatives | 29 | 34 | 3.2:5.2 | 0.22816 |
| | | | #35 odai0-4r | 82 | 193 | 8.7:20.4 | 0.14618 |
| Ringworm | 10 | 0.10537 | #5 o[fptk]c + e4os | 10 | 15 | 1.6:2 | 0.33907 |
| | | | #23 o[tk][ao]s | 28 | 58 | 1.8:5.4 | 0.14463 |
| | | | #7 otas variants | 7 | 16 | 1.8:2.8 | 0.28593 |
| | | | #2 opor variants | 10 | 25 | 2.8:1.8 | 0.50333 |
| | | | #4 ofai0-4n | 6 | 10 | 1.8:1.8 | 0.39463 |
| | | | #22 cfe4[yo] | 12 | 26 | 2:6 | 0.14463 |
| **Other Cause Edge Cases** | | | | | | | |
| Anthelmintic-Vermifuge | 34.3 | 0.36143 | #1 ceam nouns | 10 | 15 | 4.2:0 | 0.59009 |
| | | | #2 ce4g | 21 | 27 | 3.2:0 | 0.59009 |
| | | | #5 otom variants | 4 | 6 | 2.6:0 | 0.59009 |
| | | | #14 okom variants | 6 | 13 | 3.4:0.6 | 0.44009 |
| | | | #15 [yo][fptk]e4om | 4 | 13 | 2.6:0.6 | 0.40259 |
| | | | #20 a[dlrsmg]am | 43 | 92 | 4.6:1.6 | 0.33203 |
| | | | #23 o[fptk \| dlrsmg]e4g | 16 | 19 | 1.6:0.6 | 0.31736 |
| | | | #25 okam variants | 13 | 76 | 10.4:4.4 | 0.29279 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | #27 o[fptk \| dlrsmg][ao]m | 87 | 280 | 22.4:10.2 | 0.27721 |
| | | | #31 [yo]d[ao]i0-4m | 25 | 37 | 7.8:3.8 | 0.26250 |
| | | | #32 yodai0-4m | 24 | 36 | 7.8:3.8 | 0.26250 |
| | | | #33 od[ao]i0-4m | 23 | 34 | 7.6:3.8 | 0.25676 |
| | | | #34 odai0-4m | 22 | 33 | 7.6:3.8 | 0.25676 |
| | | | #50 otam variants | 13 | 88 | 7:4.4 | 0.20413 |
| | | | #57 om + o[fptk \| dlrsmg]am | 157 | 454 | 25:17.4 | 0.17971 |
| | | | #62 g | 87 | 132 | 11.8:8.6 | 0.16852 |
| | | | #76 om | 75 | 203 | 16.8:13.8 | 0.13911 |
| | | | #86 [fptk]ai4m | 5 | 20 | 1.8:1.6 | 0.11950 |

Table 21.2: Musculo-Skeletal Disorders and Bruises

| Usage Properties | Identification Index | Share of the Manuscript-Wide Identification Index | Best Voynich Categories | Distinct Word Count | Document Word Count | True Positive vs. False Positive Ratio | PPV Probability Difference Score |
|---|---|---|---|---|---|---|---|
| Musculo-Skeletal | 52.4 | 0.55333 | #1 odc-Nouns | 7 | 7 | 1.6:0 | 0.44573 |
| | | | #7 opc + e4ody | 9 | 14 | 2.4:0 | 0.44573 |
| | | | #9 od[fptk \| dlrsmg] minus odl | 14 | 14 | 2:0 | 0.44573 |
| | | | #11 ofod variants | 4 | 4 | 1.2:0 | 0.44573 |
| | | | #15 [yo]doi0-4l | 16 | 22 | 8.8:1 | 0.34369 |
| | | | #30 [yo]ke4or | 19 | 96 | 9.4:2.4 | 0.24234 |
| | | | #38 odees variants | 9 | 9 | 2:0.6 | 0.21496 |
| | | | #40 odo | 41 | 57 | 15.2:4.6 | 0.21341 |
| | | | #49 otc + e4ody | 11 | 29 | 7.4:2.6 | 0.18573 |
| | | | #50 o[fptk]c + e4ody | 33 | 75 | 14.2:5 | 0.18531 |
| | | | #51 odcey relatives | 29 | 34 | 6.2:2.2 | 0.18383 |
| | | | #52 okc + e4ody | 11 | 30 | 6.6:2.4 | 0.17906 |
| Rheumatism | 33.4 | 0.35269 | #5 opc + e4ody | 9 | 14 | 1.6:0.8 | 0.31472 |
| | | | #7 otc + e4ody | 11 | 29 | 6.4:3.6 | 0.28805 |
| | | | #27 o[fptk]ody | 17 | 85 | 9.6:8.6 | 0.17552 |
| | | | #29 o[fptk]c + e4ody | 33 | 75 | 10:9.2 | 0.16888 |
| | | | #12 okod variants | 26 | 74 | 8.8:5.6 | 0.25916 |
| | | | #21 [yo][dlrsmg] + c \| cs + e4o | 11 | 15 | 1.4:1.2 | 0.18651 |
| | | | #56 o[fptk][ao]d | 81 | 185 | 12.6:14.6 | 0.11129 |
| Musculo-Skeletal Disorder Sans Rheumatism | 31.8 | 0.33580 | #11 okc + e4ody | 11 | 30 | 6.2:2.8 | 0.35169 |
| | | | #12 opc + e4ody | 9 | 14 | 1.6:0.8 | 0.32947 |
| | | | #37 dody | 10 | 17 | 3.2:3 | 0.17893 |
| | | | #39 o[fptk]c + e4ody | 33 | 75 | 9.8:9.4 | 0.17322 |
| | | | #1 odc-Nouns | 7 | 7 | 1.6:0 | 0.66280 |
| | | | #2 ofod variants | 4 | 4 | 1.2:0 | 0.66280 |
| | | | #9 od[fptk \| dlrsmg] minus odl | 14 | 14 | 1.4:0.6 | 0.36280 |
| | | | #29 odl | 18 | 24 | 2.6:2.2 | 0.20447 |
| | | | #30 [yo][dlrsmg] + c \| cs + e4o | 11 | 15 | 1.4:1.2 | 0.20126 |
| Arthritis | 20.8 | 0.21964 | #8 e4n | 11 | 13 | 3.6:3.8 | 0.26520 |
| | | | #23 te4o | 32 | 75 | 3.4:6.2 | 0.13288 |
| | | | #9 dody | 10 | 17 | 2.6:3.6 | 0.19806 |
| | | | #17 otc + e4ody | 11 | 29 | 3.8:6.2 | 0.15871 |
| | | | #28 o[fptk]c + e4ody | 33 | 75 | 6.6:12.6 | 0.12246 |
| | | | #34 okc + e4ody | 11 | 30 | 3:6 | 0.11204 |
| | | | #1 od[fptk \| dlrsmg] minus odl | 14 | 14 | 1.4:0.6 | 0.47871 |
| | | | #2 [yo][dlrsmg] + c \| cs + e4o | 11 | 15 | 1.4:1.2 | 0.31717 |
| | | | #24 odo | 41 | 57 | 7:12.8 | 0.13225 |
| Gout | 24.2 | 0.25554 | #7 te4o | 32 | 75 | 5.8:3.8 | 0.34706 |
| | | | #3 okc + e4ody | 11 | 30 | 6.4:2.6 | 0.45400 |
| | | | #4 opc + e4ody | 9 | 14 | 1.6:0.8 | 0.40956 |
| | | | #15 o[fptk]c + e4ody | 33 | 75 | 10:9.2 | 0.26372 |
| | | | #42 otc + e4ody | 11 | 29 | 4.2:5.8 | 0.16289 |
| | | | #51 o[fptk]ody | 17 | 85 | 7.2:11 | 0.13849 |
| | | | #1 odc-Nouns | 7 | 7 | 1.6:0 | 0.74289 |
| | | | #2 ofod variants | 4 | 4 | 1.2:0 | 0.74289 |
| | | | #12 odl | 18 | 24 | 2.6:2.2 | 0.28456 |
| | | | #13 [yo][dlrsmg] + c \| cs + e4o | 11 | 15 | 1.4:1.2 | 0.28135 |
| | | | #25 otod variants | 35 | 88 | 7.2:8.4 | 0.20443 |
| | | | #28 o[fptk]c + e4od | 12 | 21 | 3:3.6 | 0.19744 |
| | | | #35 odo | 41 | 57 | 8.6:11.2 | 0.17723 |
| | | | #47 [yo]te4od | 41 | 149 | 4.8:7 | 0.14967 |
| | | | #57 okod variants | 26 | 74 | 5.6:8.8 | 0.13178 |
| | | | #61 o[fptk][ao]d | 81 | 185 | 10.4:16.8 | 0.12524 |
| | | | #62 od[fptk \| dlrsmg] | 32 | 38 | 2.6:4.2 | 0.12524 |
| Sprain/Fracture | 9.8 | 0.10348 | #2 opc + e4ody | 9 | 14 | 1.6:0.8 | 0.56340 |
| Sprain | 7.8 | 0.08237 | #25 okod variants | 26 | 74 | 2.8:11.6 | 0.11225 |
| Fracture | 4.2 | 0.04435 | - | - | - | - | - |
| Musculo-Skeletal Body Part | 23.0 | 0.24287 | #4 opc + e4ody | 9 | 14 | 1.6:0.8 | 0.42431 |
| | | | #14 otc + e4ody | 11 | 29 | 5.2:4.8 | 0.27764 |
| | | | #19 o[fptk]c + e4ody | 33 | 75 | 9.4:9.8 | 0.24722 |
| | | | #52 okc + e4ody | 11 | 30 | 3.4:5.6 | 0.13542 |
| | | | #3 od[fptk \| dlrsmg] minus odl | 14 | 14 | 1.4:0.6 | 0.45764 |
| | | | #26 odcey relatives | 29 | 34 | 3.8:4.6 | 0.21002 |
| Joint | 16.4 | 0.17318 | #1 opc + e4ody | 9 | 14 | 1.6:0.8 | 0.49386 |
| | | | #2 okc + e4ody | 11 | 30 | 5:4 | 0.38275 |
| | | | #5 o[fptk]c + e4ody | 33 | 75 | 9:10.2 | 0.29594 |
| | | | #11 otc + e4ody | 11 | 29 | 4.2:5.8 | 0.24719 |
| | | | #21 otod variants | 35 | 88 | 5.4:10.2 | 0.17334 |
| | | | #26 [yo]te4od | 41 | 149 | 3.8:8 | 0.14922 |
| | | | #30 odcey relatives | 29 | 34 | 2.6:5.8 | 0.13671 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | #34 o[fptk]ody | 17 | 85 | 5.4:12.8 | 0.12389 |
| Muscle | 16.6 | 0.17492 | #4 opc + e4ody | 9 | 14 | 1.4:1 | 0.40841 |
| | | | #18 otc + e4ody | 11 | 29 | 4:6 | 0.22508 |
| | | | #36 o[fptk]c + e4ody | 33 | 75 | 6:13.2 | 0.13758 |
| | | | #20 okod variants | 26 | 74 | 5.4:9 | 0.20008 |
| | | | #47 o[fptk]ody | 17 | 85 | 5.2:13 | 0.11079 |
| | | | #24 [yo]te4od | 41 | 149 | 4.2:7.6 | 0.18101 |
| | | | #44 o[fptk][ao]d | 81 | 185 | 7.8:19.4 | 0.11184 |
| Bone | 6.4 | 0.06758 | #1 opc + e4ody | 9 | 14 | 1.4:1 | 0.51589 |
| | | | #5 yc + e4ol | 7 | 34 | 2.4:7.6 | 0.17256 |
| | | | #7 ocse4y | 17 | 30 | 1.8:6.6 | 0.14685 |
| | | | #14 oce4y + s infixes | 49 | 90 | 3.4:15 | 0.11734 |
| **Intersecting Properties** | | | | | | | |
| Bruise | 23.6 | 0.24921 | #5 olt | 48 | 65 | 4:3 | 0.32275 |
| | | | #87 o[fptk]c + e0-4o | 39 | 101 | 9.2:21.4 | 0.05197 |
| Burn | 29.7 | 0.31362 | #30 o[fptk]c + e0-4o | 39 | 101 | 13.8:16.8 | 0.13591 |
| | | | #40 [yo][fptk \| dlrsmg] + c \| cs + e4o | 47 | 113 | 13.8:18 | 0.11889 |
| | | | #41 otc + e4o | 15 | 44 | 7.2:9.4 | 0.11866 |
| | | | #45 okc + e4o | 16 | 49 | 7.6:10.2 | 0.11190 |
| Scald | 5.0 | 0.05280 | #39 [yo][fptk \| dlrsmg] + c \| cs + e4o | 47 | 113 | 2.2:29.6 | 0.01649 |
| Sunburn | 4.8 | 0.05069 | #93 [yo][fptk \| dlrsmg] + c \| cs + e4o | 47 | 113 | 2.2:29.6 | 0.01860 |

Table 21.3: Hematological and Female-Specific Targets

| Usage Properties | Identification Index | Share of the Manuscript-Wide Identification Index | Best Voynich Categories | Distinct Word Count | Document Word Count | True Positive vs. False Positive Ratio | PPV Probability Difference Score |
|---|---|---|---|---|---|---|---|
| Blood-Related | 55.8 | 0.58923 | #22 yce4y | 9 | 53 | 10:1.2 | 0.30487 |
| | | | #26 yce4y + infixed versions | 20 | 87 | 11.4:2 | 0.26276 |
| | | | #27 yce4y + s infixes | 17 | 82 | 11.4:2 | 0.26276 |
| | | | #40 ocse4y | 17 | 30 | 6.6:1.8 | 0.19772 |
| | | | #47 [yo]cse4y | 24 | 57 | 8.6:2.6 | 0.17987 |
| | | | #17 odl | 18 | 24 | 4.6:0.2 | 0.37034 |
| | | | #6 yd[ao]i0-4l | 9 | 11 | 2.4:0 | 0.41201 |
| | | | #7 ydai0-4l | 8 | 10 | 2.4:0 | 0.41201 |
| | | | #33 yd[ao]i0-4[lr] | 16 | 24 | 4.4:1 | 0.22682 |
| External Bleeding Superset | 36.2 | 0.38226 | #47 ocse4y | 17 | 30 | 4.6:3.8 | 0.16617 |
| | | | #51 [yo]cse4y | 24 | 57 | 6:5.2 | 0.15426 |
| | | | #62 yc[s \| fptk]e4y | 11 | 34 | 1.4:1.4 | 0.11855 |
| | | | #63 ycse4y | 8 | 29 | 1.4:1.4 | 0.11855 |
| | | | #69 yce4y | 9 | 53 | 5.4:5.8 | 0.10069 |
| | | | #3 ydai0-4l | 8 | 10 | 2.4:0 | 0.61855 |
| | | | #22 yd[ao]i0-4r | 7 | 13 | 2:1 | 0.28522 |
| | | | #14 od[fptk \| dlrsmg] | 32 | 38 | 5:1.8 | 0.35384 |
| | | | #10 odl | 18 | 24 | 3.8:1 | 0.41022 |
| | | | #32 od[fptk \| dlrsmg] minus odl | 14 | 14 | 1.2:0.8 | 0.21855 |
| Astringent | 27.6 | 0.29145 | #36 ycse4y | 8 | 29 | 1.2:1.6 | 0.13774 |
| | | | #37 yc[s \| fptk]e4y | 11 | 34 | 1.2:1.6 | 0.13774 |
| | | | #6 yd[ao]i0-4r | 7 | 13 | 2:1 | 0.37584 |
| | | | #18 ydai0-4l | 8 | 10 | 1.4:1 | 0.29250 |
| | | | #13 od[fptk \| dlrsmg] | 32 | 38 | 4.2:2.6 | 0.32682 |
| | | | #11 odl | 18 | 24 | 3:1.8 | 0.33417 |
| | | | #14 od[fptk \| dlrsmg] minus odl | 14 | 14 | 1.2:0.8 | 0.30917 |
| Bleeding | 16.2 | 0.17107 | #23 ocse4y | 17 | 30 | 2.6:5.8 | 0.13881 |
| | | | #25 [yo]cse4y | 24 | 57 | 3.4:7.8 | 0.13286 |
| | | | #11 orcey relatives | 17 | 26 | 3.4:4.2 | 0.27666 |
| | | | #3 odl | 18 | 24 | 3.4:1.4 | 0.53762 |
| | | | #8 od[fptk \| dlrsmg] | 32 | 38 | 3.4:3.4 | 0.32929 |
| | | | #2 ydai0-4l | 8 | 10 | 2.4:0 | 0.82929 |
| | | | #5 ydai0-4[lr] | 14 | 22 | 2.4:2 | 0.37474 |
| Cut | 13.2 | 0.13939 | #11 yce4y | 9 | 53 | 3.8:7.4 | 0.20020 |
| | | | #15 yce4y + infixed versions | 20 | 87 | 3.8:9.6 | 0.14449 |
| | | | #16 yce4y + s infixes | 17 | 82 | 3.8:9.6 | 0.14449 |
| Haemoptysis | 3.2 | 0.03379 | #3 odcey relatives | 29 | 34 | 1.6:6.8 | 0.15676 |
| | | | #6 [dlrsmg] + c \| c[s \| fptk] + e4o | 16 | 49 | 1.6:9.2 | 0.11443 |
| Hemorrhage | 3.2 | 0.03379 | - | - | - | - | - |
| Nosebleed | 2.8 | 0.02957 | - | - | - | - | - |
| **Non-External Bleeding (apart from Menstrual)** | | | | | | | |
| Internal Bleeding | 3.2 | 0.03379 | #1 odl | 18 | 24 | 1.4:3.4 | 0.25795 |
| | | | #5 od[fptk \| dlrsmg] | 32 | 38 | 1.4:5.4 | 0.17216 |
| | | | #16 otam variants | 13 | 88 | 1.6:9.8 | 0.10663 |
| Blood Purifier | 14.2 | 0.14995 | #31 yce4y | 9 | 53 | 3:8.2 | 0.11823 |
| | | | #62 yce4y + infixed versions | 20 | 87 | 3:10.4 | 0.07425 |
| | | | #63 yce4y + s infixes | 17 | 82 | 3:10.4 | 0.07425 |
| | | | #37 odai0-4l | 67 | 133 | 6.6:19.8 | 0.10037 |
| | | | #48 od[ao]i0-4r | 94 | 215 | 7.2:24 | 0.08114 |
| | | | #57 yodai0-4r | 88 | 205 | 6.6:22.8 | 0.07486 |
| | | | #58 odai0-4r | 82 | 193 | 6.6:22.8 | 0.07486 |
| | | | #60 [yo]d[ao]i0-4m | 25 | 37 | 2.6:9 | 0.07451 |
| | | | #61 yodai0-4m | 24 | 36 | 2.6:9 | 0.07451 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Cardiotonic | 3.4 | 0.03590 | - | - | - | - | - |
| Heart | 20.4 | 0.21542 | #43 ady | 25 | 36 | 3:5.6 | 0.13388 |
| | | | #25 ece_polygraph | 144 | 219 | 7.4:11.2 | 0.18289 |
| | | | #8 ece_Verb | 9 | 9 | 1.4:1 | 0.36837 |
| | | | #26 ece_Noun | 93 | 142 | 3.8:5.8 | 0.18087 |
| | | | #31 ece_Adjective | 43 | 69 | 3:5 | 0.16004 |
| | | | #2 od[fptk \| dlrsmg] minus odl | 14 | 14 | 1.4:0.6 | 0.48504 |
| | | | #21 od[fptk \| dlrsmg] | 32 | 38 | 2.8:4 | 0.19680 |
| | | | #10 oi4n | 4 | 58 | 2.4:2 | 0.33049 |
| | | | #53 oi4n Superset | 79 | 257 | 11.6:23.4 | 0.11647 |
| | | | #54 oi | 111 | 304 | 12.4:25.4 | 0.11308 |
| | | | #32 faceys_relatives | 54 | 61 | 3:5 | 0.16004 |
| Menstrual | 36.8 | 0.38860 | #6 yce4y | 9 | 53 | 9.6:1.6 | 0.46936 |
| | | | #9 yce4y + infixed versions | 20 | 87 | 10.4:3 | 0.38834 |
| | | | #10 yce4y + s infixes | 17 | 82 | 10.4:3 | 0.38834 |
| | | | #31 [yo]ce4y | 41 | 113 | 13.8:9.4 | 0.20705 |
| | | | #35 [yo]ce4y + s infixes | 66 | 172 | 16.8:11.6 | 0.20377 |
| | | | #54 ocse4y | 17 | 30 | 4.6:3.8 | 0.15984 |
| | | | #61 [yo]cse4y | 24 | 57 | 6:5.2 | 0.14793 |
| | | | #18 ykai0-4n | 14 | 73 | 10.8:4.6 | 0.31352 |
| | | | #41 ytai0-4n | 4 | 59 | 3.4:2.6 | 0.17889 |
| | | | #22 de-Initial | 29 | 41 | 5.4:2.6 | 0.28722 |
| | | | #29 aro[dlrsmg] | 56 | 105 | 4.8:2.8 | 0.24380 |
| | | | #37 odl | 18 | 24 | 2.8:2 | 0.19555 |
| | | | #50 old | 110 | 225 | 21.4:17.2 | 0.16662 |
| PMS | 7.0 | 0.07392 | #1 oi4n | 4 | 58 | 2:2.4 | 0.38079 |
| | | | #2 e4n | 11 | 13 | 2.8:4.6 | 0.30462 |
| | | | #3 yc + e4ol | 7 | 34 | 3.4:6.6 | 0.26624 |
| | | | #4 yc + e4o | 8 | 38 | 2:4.2 | 0.24882 |
| | | | #16 yd[ao]i0-4n | 11 | 40 | 3:11.8 | 0.12894 |
| | | | #17 ydai0-4n | 11 | 40 | 3:11.8 | 0.12894 |
| | | | #23 odai0-4l | 67 | 133 | 5:21.4 | 0.11563 |
| Dysmenorrhea | 9.6 | 0.10137 | #9 yce4y | 9 | 53 | 2.8:8.4 | 0.14884 |
| | | | #13 yce4y + infixed versions | 20 | 87 | 3:10.4 | 0.12272 |
| | | | #14 yce4y + s infixes | 17 | 82 | 3:10.4 | 0.12272 |
| | | | #16 oc[fpt]e4y | 52 | 132 | 5.8:21.4 | 0.11208 |
| | | | #19 oce4y | 32 | 60 | 2.6:10.2 | 0.10197 |
| | | | #17 orcey_relatives | 17 | 26 | 1.6:6 | 0.10937 |
| | | | #9 yce4y | 9 | 53 | 2.8:8.4 | 0.14884 |
| Emmenagogue | 8.2 | 0.08659 | #6 oe4y | 27 | 66 | 2.4:5.8 | 0.20627 |
| | | | #36 yce4y | 9 | 53 | 1.8:9.4 | 0.07430 |
| | | | #51 yce4y + infixed versions | 20 | 87 | 1.8:11.6 | 0.04792 |
| | | | #52 yce4y + s infixes | 17 | 82 | 1.8:11.6 | 0.04792 |
| Amenorrhea | 6.8 | 0.07181 | #13 oce4y + s infixes | 49 | 90 | 3:15.4 | 0.09139 |
| | | | #14 oc[fpt]e4y | 52 | 132 | 4.4:22.8 | 0.09011 |
| | | | #25 ocse4y | 17 | 30 | 1.2:7.2 | 0.07121 |
| | | | #29 oce4y | 32 | 60 | 1.8:11 | 0.06898 |
| | | | #45 [yo]ce4y | 41 | 113 | 2.8:20.4 | 0.04904 |
| Menorrhagia | 2.8 | 0.02957 | #7 oce4y | 32 | 60 | 1.4:11.4 | 0.07988 |
| | | | #9 oce4y + s infixes | 49 | 90 | 2:16.4 | 0.07920 |
| | | | #18 [yo]ce4y + s infixes | 66 | 172 | 2.2:26.2 | 0.04796 |
| | | | #33 [yo]ce4y | 41 | 113 | 1.4:21.8 | 0.03084 |
| Menopause | 2.0 | 0.02112 | - | - | - | - | - |
| **Gynecological** | | | | | | | |
| Pregnancy | 9.0 | 0.09504 | #1 okom_variants | 6 | 13 | 2.2:1.8 | 0.45516 |
| | | | #4 ceam_nouns | 10 | 15 | 1.4:2.8 | 0.23849 |
| | | | #6 od[ao]i0-4m | 23 | 34 | 3.6:7.8 | 0.22095 |
| | | | #7 odai0-4m | 22 | 33 | 3.6:7.8 | 0.22095 |
| | | | #8 yodai0-4m | 24 | 36 | 3.6:8 | 0.21550 |
| | | | #9 [yo]d[ao]i0-4m | 25 | 37 | 3.6:8 | 0.21550 |
| | | | #11 okam_variants | 13 | 76 | 4.4:10.4 | 0.20246 |
| | | | #2 odees_variants | 9 | 9 | 1.4:1.2 | 0.44362 |
| | | | #10 de-Initial | 29 | 41 | 2.4:5.6 | 0.20516 |
| | | | #17 yd[ao]i0-4n | 11 | 40 | 3.4:11.4 | 0.13489 |
| | | | #18 ydai0-4n | 11 | 40 | 3.4:11.4 | 0.13489 |
| Labor Induction | 6.4 | 0.06758 | #1 okom_variants | 6 | 13 | 1.4:2.6 | 0.28256 |
| | | | #2 ceam_nouns | 10 | 15 | 1.4:2.8 | 0.26589 |
| | | | #4 okam_variants | 13 | 76 | 3.8:11 | 0.18932 |
| | | | #8 odai0-4m | 22 | 33 | 2.8:8.6 | 0.17817 |
| | | | #9 od[ao]i0-4m | 23 | 34 | 2.8:8.6 | 0.17817 |
| | | | #10 yodai0-4m | 24 | 36 | 2.8:8.8 | 0.17394 |
| | | | #11 [yo]d[ao]i0-4m | 25 | 37 | 2.8:8.8 | 0.17394 |
| | | | #14 otam_variants | 13 | 88 | 2.6:8.8 | 0.16063 |
| | | | #3 odl | 18 | 24 | 1.4:3.4 | 0.22423 |
| | | | #5 ady | 25 | 36 | 2.2:6.4 | 0.18837 |
| | | | #6 de-Initial | 29 | 41 | 2:6 | 0.18256 |
| Abortifacient | 14.6 | 0.15417 | #26 yce4y | 9 | 53 | 3.6:7.6 | 0.16126 |
| | | | #33 ocke4y | 38 | 162 | 6.6:15.2 | 0.14258 |
| | | | #44 yce4y + s infixes | 17 | 82 | 3.6:9.8 | 0.10849 |
| | | | #51 aro[dlrsmg] | 56 | 105 | 2:5.6 | 0.10299 |
| | | | #12 [dlrsmg] + ai4m | 3 | 20 | 2:3.4 | 0.21020 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | #15 odai0-4m | 22 | 33 | 4:7.4 | 0.19071 |
| | | | #16 okom variants | 6 | 13 | 1.4:2.6 | 0.18983 |
| | | | #20 [yo]d[ao]i0-4m | 25 | 37 | 4:7.6 | 0.18466 |
| | | | #21 yodai0-4m | 24 | 36 | 4:7.6 | 0.18466 |
| | | | #22 [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 12 | 54 | 5.2:10 | 0.18194 |
| | | | #25 ceam nouns | 10 | 15 | 1.4:2.8 | 0.17316 |
| | | | #34 otam variants | 13 | 88 | 3.4:8 | 0.13808 |
| | | | #36 okam variants | 13 | 76 | 4.2:10.6 | 0.12361 |
| | | | #9 [yo]e4 \| c + [fp] | 72 | 84 | 8.2:12.2 | 0.24179 |
| | | | #19 [yo]c[fp] | 50 | 62 | 5.2:9.8 | 0.18650 |
| | | | #41 te4o | 32 | 75 | 2.6:7 | 0.11066 |
| | | | #10 o[fptk]e4os | 27 | 106 | 3.6:5.4 | 0.23983 |
| | | | #5 oe4y | 27 | 66 | 4:4.2 | 0.32763 |
| Womb | 6.0 | 0.06336 | - | - | - | - | - |
| Vaginal | 3.6 | 0.03801 | - | - | - | - | - |
| Douche | 2.0 | 0.02112 | - | - | - | - | - |
| Ovarian Cancer | 1.4 | 0.01478 | - | - | - | - | - |
| **Breast-Related** | | | | | | | |
| Breast | 15.8 | 0.16684 | #21 ols | 51 | 93 | 7.4:11.2 | 0.22925 |
| | | | #30 olcey relatives (non -edy) | 47 | 138 | 5.4:10 | 0.18205 |
| | | | #28 ydai0-4n | 11 | 40 | 5.2:9.6 | 0.18275 |
| | | | #29 yd[ao]i0-4n | 11 | 40 | 5.2:9.6 | 0.18275 |
| | | | #10 yc + e4ol | 7 | 34 | 5.4:4.6 | 0.37140 |
| | | | #39 ocse4y | 17 | 30 | 2.8:5.6 | 0.16473 |
| | | | #48 [yo]cse4y | 24 | 57 | 3.4:7.8 | 0.13497 |
| Lactation | 8.4 | 0.08870 | #1 ceam nouns | 10 | 15 | 2:2.2 | 0.38768 |
| | | | #7 a[lr]o Endings | 23 | 35 | 2.2:5.8 | 0.18649 |
| | | | #10 ols | 51 | 93 | 4.8:13.8 | 0.16955 |

Table 22.1: Other Noxious Skin Diseases[6]

| Usage Properties | Identification Index | Share of the Manuscript-Wide Identification Index | Best Voynich Categories | Distinct Word Count | Document Word Count | True Positive vs. False Positive Ratio | PPV Probability Difference Score |
|---|---|---|---|---|---|---|---|
| **Symptoms** | | | | | | | |
| Inflammatory Skin Disease | 91.9 | 0.97043 | - | - | - | - | - |
| Itch Symptom | 60.3 | 0.63675 | #20 o[tk][ao]s | 28 | 58 | 6.6:0.6 | 0.28126 |
| | | | #36 o[fptk][ao]s | 32 | 66 | 7.4:1.6 | 0.18681 |
| | | | #14 t[yo]lc | 9 | 9 | 2.2:0 | 0.36459 |
| | | | #32 te4o | 32 | 75 | 8:1.6 | 0.19792 |
| | | | #33 ce0-4s | 43 | 165 | 12.6:2.6 | 0.19354 |
| Itch | 24.7 | 0.26082 | #12 o[tk][ao]s | 28 | 58 | 4.2:3 | 0.32095 |
| | | | #16 o[fptk][ao]s | 32 | 66 | 5:4 | 0.29318 |
| | | | #1 t[yo]lc | 9 | 9 | 2.2:0 | 0.73762 |
| | | | #13 ce0-4s | 43 | 165 | 8.8:6.4 | 0.31657 |
| Swelling | 26.6 | 0.28030 | #1 ofod variants | 4 | 4 | 1.2:0 | 0.71970 |
| | | | #2 ofc + e4ol | 6 | 9 | 2:0 | 0.71970 |
| | | | #12 opc + e4or | 6 | 16 | 3:2.2 | 0.29662 |
| | | | #13 opor variants | 10 | 25 | 2.6:2 | 0.28492 |
| | | | #15 ofc + e4or | 4 | 7 | 1.2:1 | 0.26515 |
| Sore | 18.9 | 0.19958 | - | - | - | - | - |
| Eruptive Skin Disease | 50.9 | 0.53635 | #135 o[fptk]c + e0-4y | 144 | 753 | 43.1:29.4 | 0.05813 |
| | | | #42 opce0-4y | 25 | 111 | 12.5:6.2 | 0.13210 |
| | | | #43 okce0-4y | 59 | 338 | 32.5:16.2 | 0.13100 |
| | | | #140 otce0-4y | 47 | 281 | 33.4:23 | 0.05585 |
| Acne | 15.0 | 0.15839 | #60 olk | 187 | 557 | 3.6:11.8 | 0.07571 |
| | | | #12 ol + c \| cs + e4o[lr] | 18 | 34 | 1.6:3 | 0.18977 |
| | | | #2 ofar variants | 17 | 25 | 2:1.4 | 0.43018 |
| | | | #8 [yo]fa | 37 | 59 | 3:5 | 0.21694 |
| | | | #35 [yo]py | 13 | 33 | 2:5.6 | 0.10510 |
| | | | #52 opce0-4y | 25 | 111 | 4.6:14.4 | 0.08405 |
| | | | #83 otce0-4dy | 19 | 172 | 2.6:9.4 | 0.05861 |
| | | | #14 yce4y | 9 | 53 | 3.6:7.6 | 0.16337 |
| | | | #11 odo | 41 | 57 | 7:12.8 | 0.19548 |
| Wart | 13.3 | 0.14044 | #44 opce0-4y | 25 | 111 | 4.6:14.4 | 0.10196 |
| | | | #21 opc + e4or | 6 | 16 | 1.6:3.6 | 0.16754 |
| | | | #34 o[lr]y | 121 | 318 | 10:28.8 | 0.11758 |
| | | | #71 ory | 50 | 108 | 4.4:16.4 | 0.07139 |
| | | | #58 oly | 77 | 222 | 6.2:20.8 | 0.08948 |
| | | | #137 ora | 98 | 241 | 3.6:17.4 | 0.03128 |
| | | | #130 olai0-4n | 37 | 126 | 1.6:7.6 | 0.03376 |
| Boil | 12.0 | 0.12672 | #15 opc + e4ol | 11 | 31 | 2:5.2 | 0.12183 |
| | | | #16 opce0-4y | 25 | 111 | 5.2:13.8 | 0.11773 |
| | | | #24 orcey relatives | 17 | 26 | 1.8:5.8 | 0.08089 |
| | | | #10 c[fp]e4y + added c-sequences | 21 | 69 | 5:11.6 | 0.14525 |
| | | | #11 oce4y | 32 | 60 | 3.8:9 | 0.14093 |
| | | | #14 eko | 25 | 38 | 2.6:6.6 | 0.12666 |
| Carbuncle | 1.4 | 0.01475 | #1 [yo][fp]y | 22 | 44 | 1.4:8.8 | 0.12250 |
| | | | #2 [yo]cp | 29 | 38 | 1.2:10 | 0.09239 |
| | | | #6 opce0-4y | 25 | 111 | 1.4:17.6 | 0.05893 |
| | | | #7 c[fp]e4y + added c-sequences | 21 | 69 | 1.2:15.4 | 0.05754 |
| | | | #8 oce4y + s infixes | 49 | 90 | 1.2:17.2 | 0.05047 |
| | | | #16 [yo]ce4y | 41 | 113 | 1.2:22 | 0.03697 |
| | | | #24 otc + e4ol | 13 | 66 | 1.2:26.6 | 0.02842 |
| Whitlow | 2.6 | 0.02746 | #13 okc + e4or | 14 | 54 | 1.2:17 | 0.03853 |
| | | | #14 opce0-4y | 25 | 111 | 1.2:17.8 | 0.03576 |
| | | | #33 okce0-4y | 59 | 338 | 2.2:47 | 0.01732 |
| | | | #44 otce0-4y | 47 | 281 | 2.2:54.2 | 0.01161 |
| | | | #77 o[fptk]c + e0-4y | 144 | 753 | 2.2:70.6 | 0.00282 |
| | | | #8 oc[fpt]e4y | 52 | 132 | 2.2:25 | 0.05348 |

[6] The rankings are omitted for a few high-incidence properties due to differences in the filters used here vs. the accompanying discussions in Volume II.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | #2 yc + e4or | 5 | 34 | 1.6:8.6 | 0.12946 |
| Ulcer | 31.4 | 0.33157 | #7 ope0-4y | 14 | 34 | 5.6:2 | 0.40597 |
| | | | #8 [yo]py | 13 | 33 | 5.6:2 | 0.40597 |
| | | | #17 [yo][fp]y | 22 | 44 | 6.2:4 | 0.27697 |
| | | | #30 [yo]e4[fp] | 23 | 23 | 3.8:3.6 | 0.18264 |
| Abscess | 6.4 | 0.06758 | #48 otce0-4y | 47 | 281 | 5.6:50.8 | 0.03185 |
| | | | #67 okce0-4y | 59 | 338 | 4.4:44.8 | 0.02199 |
| | | | #84 o[fptk]c + e0-4y | 144 | 753 | 6:66.8 | 0.01498 |
| | | | #97 yodai0-4l | 75 | 143 | 2.2:25.8 | 0.01113 |
| | | | #25 ory | 50 | 108 | 2.6:18.2 | 0.05756 |
| | | | #89 oly | 77 | 222 | 2.2:24.8 | 0.01404 |
| | | | #63 o[lr]y | 121 | 318 | 3.6:35.2 | 0.02534 |
| Blister | 2.2 | 0.02323 | #28 okce0-4y | 59 | 338 | 2.2:47 | 0.02154 |
| Non-Eruptive Skin Disease | 24.6 | 0.25977 | | | | | |
| Wound | 52.3 | 0.55227 | #1 orcey relatives | 17 | 26 | 7.6:0 | 0.44679 |
| Eczema | 23.6 | 0.24921 | ofe0-4y | 8 | 10 | 2:1.6 | 0.29634 |
| | | | [yo]fy | 8 | 10 | 2:1.6 | 0.29634 |
| | | | ofce0-4y | 13 | 23 | 3:3.2 | 0.22465 |
| | | | ofc + e0-4 + y \| dy \| o[dlrs]y | 35 | 65 | 5.4:6 | 0.21446 |
| | | | ofc + e4 + y \| dy \| o + [lr] Superset | 39 | 75 | 5.8:7.2 | 0.18693 |
| | | | opc + e4ol | 11 | 31 | 3.2:4 | 0.18522 |
| Psoriasis | 11.4 | 0.12038 | ofce0-4dy | 12 | 32 | 1.2:2.6 | 0.19566 |
| | | | ofc + e0-4 + y \| dy \| o[dlrs]y | 35 | 65 | 3.2:8.2 | 0.16057 |
| | | | ofc + e4 + y \| dy \| o + [lr] Superset | 39 | 75 | 3.2:9.8 | 0.12602 |
| | | | opce0-4y | 25 | 111 | 4.6:14.4 | 0.12198 |
| Erysipelas | 8.2 | 0.08659 | ofce0-4y | 13 | 23 | 1.8:4.4 | 0.20181 |
| | | | ofc + e0-4 + y \| dy \| o[dlrs]y | 35 | 65 | 2.6:8.8 | 0.13956 |
| | | | ofc + e4 + y \| dy \| o + [lr] Superset | 39 | 75 | 2.6:10.4 | 0.11149 |
| Scab | 4.0 | 0.04224 | #2 opc + e4ol | 11 | 31 | 1.2:6 | 0.12452 |
| Chilblain | 4.0 | 0.04224 | - | - | - | - | - |
| Fistula | 2.8 | 0.02957 | - | - | - | - | - |
| Disfiguring Skin Disease | 33.8 | 0.35616 | opc + e4or | 6 | 16 | 4.2:1 | 0.45153 |
| | | | ofce0-4dy | 12 | 32 | 2.8:1.2 | 0.34384 |
| | | | ofc + e4ol | 6 | 9 | 1.2:0.8 | 0.24384 |
| | | | opc + e4ol | 11 | 31 | 4.2:3 | 0.22717 |
| Communicable Skin Disease | 33.5 | 0.35300 | ofai0-4n | 6 | 10 | 3.6:0 | 0.64700 |
| | | | o[fptk]c + e4od | 12 | 21 | 5.1:1.2 | 0.45652 |
| | | | opor variants | 10 | 25 | 3.6:1 | 0.42961 |
| | | | yc + e4ol | 7 | 34 | 6.4:3.6 | 0.28700 |
| Scrofula | 10.6 | 0.11193 | see Table 20.6 | | | | |
| Pandemic Skin Disease | 17.8 | 0.18757 | ofc + e4ol | 6 | 9 | 1.2:0.8 | 0.41243 |
| | | | opc + e4or | 6 | 16 | 2.8:2.4 | 0.35089 |
| | | | ofce0-4dy | 12 | 32 | 1.8:2.2 | 0.26243 |
| | | | opol variants | 15 | 25 | 1.8:2.2 | 0.26243 |
| Plague | 12.0 | 0.12672 | ofc + e4ol | 6 | 9 | 1.2:0.8 | 0.46301 |
| | | | opol variants | 15 | 25 | 1.8:2.2 | 0.31301 |
| | | | ofce0-4dy | 12 | 32 | 1.6:2.2 | 0.28406 |
| | | | opc + e4or | 6 | 16 | 1.6:3.6 | 0.17070 |
| | | | ofc + e0-4 + y \| dy \| o[dlrs]y | 35 | 65 | 3.2:8.2 | 0.14371 |
| | | | [yo][fp][yoa] | 181 | 339 | 6:27.8 | 0.04052 |
| Leprosy | 6.0 | 0.06336 | [yo]c + e4ody | 34 | 48 | 3.6:12 | 0.16544 |
| | | | opc + e4or | 6 | 16 | 1.2:4 | 0.16544 |
| | | | opc + e0-4 + y \| dy \| o[dlrs]y | 69 | 302 | 3.2:24.2 | 0.05146 |
| Other Infection-Related | | | | | | | |
| Skin Infection | 12.0 | 0.12672 | #3 orcey relatives | 17 | 26 | 3.6:4 | 0.34723 |
| | | | #12 eko | 25 | 38 | 2.6:6.6 | 0.15616 |
| | | | #10 oo + oe4o | 99 | 133 | 6.6:15 | 0.17911 |
| Antiseptic | 20.8 | 0.21964 | #2 [yo]fy | 8 | 10 | 2.6:1 | 0.50304 |
| | | | #3 ofe0-4y | 8 | 10 | 2.6:1 | 0.50304 |
| | | | #18 ofc + e0-4 + y \| dy \| o[dlrs]y | 35 | 65 | 4.8:6.6 | 0.20187 |
| | | | #39 ofce0-4y | 13 | 23 | 2.2:4 | 0.13566 |
| | | | #44 ofc + e4 + y \| dy \| o + [lr] Superset | 39 | 75 | 4.4:8.6 | 0.11928 |
| | | | #8 yce4y | 9 | 53 | 5.6:5.6 | 0.28082 |
| | | | #6 eko | 25 | 38 | 4.8:4.4 | 0.30256 |
| | | | #13 e[tk]o | 40 | 60 | 7.4:8.2 | 0.25518 |
| | | | #17 eto | 15 | 22 | 3.2:3.8 | 0.23796 |
| | | | #30 oo + oe4o | 99 | 133 | 8:13.6 | 0.15119 |
| | | | #33 orcey relatives | 17 | 26 | 2.8:4.8 | 0.14924 |
| | | | #49 ory | 50 | 108 | 6.8:14 | 0.10774 |
| Antiseptic Superset | 59.6 | 0.62936 | #1 opor variants | 10 | 25 | 4.6:0 | 0.37197 |
| | | | #7 ofe0-4y | 8 | 10 | 3.6:0 | 0.37197 |
| | | | #8 ofar variants | 17 | 25 | 3.4:0 | 0.37197 |
| | | | #61 [yo]fa | 37 | 59 | 6:2 | 0.12197 |
| | | | #19 [yo]fai0-4[rn] | 23 | 35 | 6:1 | 0.22911 |
| | | | #45 [yo]e4[fp] | 23 | 23 | 5.8:1.6 | 0.15575 |
| | | | #4 et-initial | 9 | 11 | 5.6:0 | 0.37197 |
| | | | #21 eta | 45 | 71 | 9.2:1.6 | 0.22382 |
| | | | #52 eto | 15 | 22 | 5.4:1.6 | 0.14340 |
| | | | #46 eko | 25 | 38 | 7.2:2 | 0.15458 |
| **Method of Action** | | | | | | | |
| Core Balm Set | 11.8 | 0.12434 | okc + e4or | 14 | 54 | 6:12.2 | 0.20533 |
| | | | o[fptk]c + e0-4or | 34 | 135 | 8.6:28.8 | 0.10561 |
| | | | otc + e4ol | 13 | 66 | 5.8:22 | 0.08429 |
| | | | otor variants | 19 | 113 | 5.2:20.6 | 0.07721 |
| | | | okce0-4y | 59 | 338 | 9.8:39.4 | 0.07485 |
| | | | o[fptk]c + e0-4ol | 40 | 159 | 7.2:31.2 | 0.06316 |
| | | | o[fptk]c + e0-4or | 34 | 135 | 8.6:28.8 | 0.10561 |
| Balm Superset | 36.5 | 0.38462 | o[fptk]c + e0-4or | 34 | 135 | 18.8:18.6 | 0.11805 |
| | | | o[fptk]c + e0-4ol | 40 | 159 | 18.8:19.6 | 0.10496 |
| | | | otol variants | 42 | 239 | 20:25.2 | 0.05786 |
| Treatable by Balm #1 | 85.1 | 0.89673 | otor variants | 19 | 113 | 25.8:0 | 0.10327 |
| | | | okc + e4ol | 12 | 55 | 18.2:0 | 0.10327 |
| | | | okce0-4y | 59 | 338 | 47.4:1.8 | 0.06668 |
| | | | oke4dy | 35 | 933 | 17:1.2 | 0.03734 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Treatable by Balm #2 | 65.4 | 0.68915 | okc + e4ol | 12 | 55 | 15.6:2.6 | 0.16799 |
| | | | otc + e4or | 10 | 58 | 21.2:5 | 0.12001 |
| | | | okce0-4y | 59 | 338 | 38.6:10.6 | 0.09540 |
| | | | otai0-4n | 21 | 430 | 24.6:7 | 0.08933 |
| | | | oke4dy | 35 | 933 | 12.6:5.6 | 0.00316 |
| Moisturizer-Emollient | 11.8 | 0.12434 | #17 otal variants | 43 | 333 | 5.8:15.4 | 0.14924 |
| | | | #73 otar variants | 44 | 345 | 3.8:19.4 | 0.03945 |
| | | | #108 a-axis of [yo][fptk][ao][lr] | 218 | 1731 | 7.4:42.8 | 0.02307 |
| Skin Governed by Jupiter | 16.8 | 0.17703 | [yo]tai0-4n | 26 | 490 | 8.8:26 | 0.07584 |
| | | | otai0-4n | 21 | 430 | 7.8:23.8 | 0.06981 |
| | | | otor variants | 19 | 113 | 6:19.8 | 0.05553 |
| | | | otc + e4or | 10 | 58 | 6:20.2 | 0.05198 |
| Anti-Inflammatory | 57 | 0.60063 | #3 orcey relatives | 17 | 26 | 7.6:0 | 0.39937 |
| | | | #13 ydai0-4l | 8 | 10 | 2.4:0 | 0.39937 |
| | | | #27 ydai0-4n | 11 | 40 | 13.2:1.6 | 0.29126 |
| | | | #35 okc + e4ody | 11 | 30 | 7.6:1.4 | 0.24381 |
| | | | #38 okc + e4ol | 12 | 55 | 15.2:3 | 0.23453 |
| | | | #48 otas variants | 7 | 16 | 3.6:1 | 0.18198 |
| | | | #50 e[tk]o | 40 | 60 | 12.2:3.4 | 0.18142 |
| | | | #55 otc + e4ol | 13 | 66 | 21.4:6.4 | 0.16915 |
| | | | #62 otc + e4or | 10 | 58 | 20:6.2 | 0.16273 |
| | | | #81 o[tk][ao]s | 28 | 58 | 5.2:2 | 0.12159 |
| | | | #84 otol variants | 42 | 239 | 32.6:12.6 | 0.12061 |
| | | | #88 okol variants | 43 | 285 | 26:10.4 | 0.11366 |
| | | | #4 ytai0-4n | 4 | 59 | 6:0 | 0.39937 |
| | | | #79 ykai0-4n | 14 | 73 | 11.2:4.2 | 0.12664 |
| | | | #83 [yo]fai0-4n | 6 | 10 | 2.6:1 | 0.12159 |
| Inflammatory | 17.6 | 0.18546 | #1 opar variants | 17 | 48 | 2:1.2 | 0.43954 |
| | | | #2 opc + e4ody | 9 | 14 | 1.4:1 | 0.39787 |
| | | | #5 [yo]pa | 57 | 141 | 3.6:4 | 0.28822 |
| | | | #6 opol variants | 15 | 25 | 1.8:2.2 | 0.26454 |
| | | | #8 opal variants | 15 | 42 | 1.6:2.2 | 0.23559 |
| | | | #9 opc + e4ol | 11 | 31 | 3:4.2 | 0.23121 |
| | | | #12 opor variants | 10 | 25 | 1.8:2.8 | 0.20584 |
| | | | #26 oe0-4[fp]oe0-4[lr] | 42 | 71 | 3.2:6.6 | 0.14107 |
| | | | #32 opc + e4or | 6 | 16 | 1.6:3.6 | 0.12223 |
| | | | #44 [yo]po | 44 | 70 | 2.6:6.4 | 0.10343 |
| | | | #35 [yo]cp | 29 | 38 | 3.4:7.8 | 0.11811 |
| | | | #23 cpeo-initial | 32 | 67 | 6.2:12.6 | 0.14433 |
| | | | #33 cpe4[yo] | 36 | 94 | 7.8:17.6 | 0.12163 |
| | | | #37 cpe4y | 4 | 27 | 2.8:6.6 | 0.11241 |
| Blemish Removal | 67.7 | 0.71338 | opc + e4or | 6 | 16 | 5.2:0 | 0.28662 |
| | | | [yo][fp]y | 22 | 44 | 9.4:0.8 | 0.20819 |
| | | | ope0-4y | 14 | 34 | 6.8:0.8 | 0.18136 |
| | | | [yo]py | 13 | 33 | 6.8:0.8 | 0.18136 |
| | | | [yo]fa | 37 | 59 | 7:1 | 0.16162 |
| Blemish Ablation | 56.9 | 0.59958 | - | - | - | - | - |
| Tumor | 17.8 | 0.18796 | #3 opc + e4ody | 9 | 14 | 1.4:1 | 0.39576 |
| | | | #10 opc + e4or | 6 | 16 | 2.2:3 | 0.23551 |
| | | | #14 [yo]e4[fp] | 23 | 23 | 3:4.4 | 0.21784 |
| | | | #16 opor variants | 10 | 25 | 1.8:2.8 | 0.20373 |

Table 22.2: Skin Discoloration and Beautification Properties

| Usage Properties | Identification Index | Share of the Manuscript-Wide Identification Index | Best Voynich Categories | Distinct Word Count | Document Word Count | True Positive vs. False Positive Ratio | PPV Probability Difference Score |
|---|---|---|---|---|---|---|---|
| **Body Parts** | | | | | | | |
| Face | 20.4 | 0.21496 | #32 olk | 187 | 557 | 5.8:9.6 | 0.16166 |
| Hair | 13.5 | 0.14226 | #3 e4n | 11 | 13 | 3:4.4 | 0.26315 |
| | | | #9 c + e4 + [fptk] Endings | 37 | 60 | 3.6:7.4 | 0.18501 |
| | | | #23 c + e4 + [fptk] Nouns | 26 | 31 | 1.8:5.2 | 0.11488 |
| | | | #5 o[fptk]ce4[lrsmg] | 50 | 57 | 2.6:4.6 | 0.21885 |
| | | | #27 [dlrsmg] + c\| c[s \| fptk] + e4dy | 20 | 327 | 3.2:9.6 | 0.10774 |
| | | | #11 c[fptk]e4dy | 6 | 37 | 1.8:4.2 | 0.15774 |
| | | | #31 dcedy relatives | 6 | 85 | 2.8:8.6 | 0.10335 |
| | | | #22 yc + e4o | 8 | 38 | 1.6:4.6 | 0.11580 |
| | | | #24 yc + e4or | 5 | 34 | 2.6:7.6 | 0.11264 |
| | | | #14 [yo]doi0-4l | 16 | 22 | 2.8:7 | 0.14345 |
| | | | #20 [yo]doi0-4[ln] | 18 | 24 | 2.8:8 | 0.11700 |
| Scalp | 13.4 | 0.14120 | #1 e4n | 11 | 13 | 3.6:3.8 | 0.34529 |
| | | | #2 o[fptk]ce4[lrsmg] | 50 | 57 | 3.2:4 | 0.30324 |
| **BeautificationSuperset** | 54.6 | 0.57534 | | | | | |
| **Cosmetics** | | | | | | | |
| Cosmetic | 19.4 | 0.20443 | #57 olk | 187 | 557 | 4.8:10.6 | 0.10726 |
| | | | #45 ol[tk] | 234 | 621 | 6.8:13.4 | 0.13220 |
| | | | #103 ydai0-4n | 11 | 40 | 4:10.8 | 0.06584 |
| | | | #174 odai0-4n | 108 | 408 | 12.2:39.6 | 0.03109 |
| | | | #34 yc + e4ol | 7 | 34 | 3.6:6.4 | 0.15557 |
| | | | #44 yce4y | 9 | 53 | 3.8:7.4 | 0.13486 |
| | | | #53 oc[fpt]e4y | 52 | 132 | 8.6:18.6 | 0.11175 |
| | | | #59 [yo]c + e4dy | 45 | 110 | 3:6.8 | 0.10169 |
| Aging | 12.6 | 0.13277 | #13 ydai0-4n | 11 | 40 | 4.6:10.2 | 0.17804 |
| | | | #155 yodai0-4n | 119 | 448 | 8.6:48.5 | 0.01784 |
| | | | #22 okol variants | 43 | 285 | 9.8:26.8 | 0.13499 |
| | | | #37 ykai0-4n | 14 | 73 | 3.6:11.8 | 0.10100 |
| | | | #79 [yo]kai0-4n | 49 | 1067 | 8.6:37.6 | 0.05338 |
| Wrinkle | 7.4 | 0.07798 | #51 yodai0-4m | 24 | 36 | 1.6:9.7 | 0.06361 |
| | | | #74 odai0-4m | 22 | 33 | 1.4:9.7 | 0.04815 |
| | | | #75 od[ao]i0-4m | 23 | 34 | 1.4:9.7 | 0.04815 |
| | | | #143 yodai0-4[lrm \| n] | 306 | 832 | 6.8:62.7 | 0.01986 |
| | | | #175 yodai0-4n | 119 | 448 | 5.2:51.9 | 0.01309 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | #10 ytai0-4n | 4 | 59 | 1.6:4.4 | 0.18869 |
| Scar | 4.9 | 0.05163 | #12 o[fptk]eda[lrsm \| n] | 87 | 184 | 2:7.2 | 0.16576 |
| | | | #20 [yo]c + e4dy | 45 | 110 | 1.6:8.2 | 0.11164 |
| | | | #21 yce4y | 9 | 53 | 1.8:9.4 | 0.10908 |
| | | | #17 okal variants | 54 | 544 | 4.8:23.2 | 0.11980 |
| | | | #18 okce0-4dy | 15 | 188 | 2:9.8 | 0.11786 |
| | | | #22 o[fptk]c + e0-4dy | 66 | 554 | 3.2:17 | 0.10679 |
| | | | #6 c + e4 + [fptk] Nouns | 26 | 31 | 1.8:5.2 | 0.20551 |
| | | | #11 c + e4 + [fptk] Endings | 37 | 60 | 2.4:8.6 | 0.16655 |
| | | | #19 c-sequence + e4 + [fptk] + c-sequence + e4 + y | 43 | 84 | 3.4:17 | 0.11504 |
| **Pigment Disorder** | 28.4 | 0.29926 | #15 o[fptk]edar | 30 | 72 | 2.6:1.6 | 0.31979 |
| | | | #20 o[fptk][dlrsmg] | 49 | 68 | 4.2:3 | 0.28407 |
| | | | #63 o[fptk]eda[lrsm \| n] | 87 | 184 | 3.8:5.4 | 0.11378 |
| | | | #5 ydai0-4l | 8 | 10 | 2.2:0.2 | 0.61741 |
| | | | #32 ydai0-4n | 11 | 40 | 7.6:7.2 | 0.21425 |
| | | | #30 yc + e4ol | 7 | 34 | 5.2:4.8 | 0.22074 |
| | | | #39 yc + e4o[lr] | 12 | 68 | 9.2:9.4 | 0.19536 |
| | | | #48 yc + e4o | 8 | 38 | 2.8:3.4 | 0.15235 |
| | | | #49 yc + e4or | 5 | 34 | 4.6:5.6 | 0.15172 |
| Freckle | 8.4 | 0.08851 | #27 olk | 187 | 557 | 3.6:11.8 | 0.14526 |
| | | | #7 yc + e4o | 8 | 38 | 2.2:4 | 0.26633 |
| | | | #43 yc + e4ol | 7 | 34 | 2:8 | 0.11149 |
| | | | #4 ofar variants | 17 | 25 | 1.4:2 | 0.32325 |
| | | | #10 [yo]fai0-4[m] | 23 | 35 | 2.2:4.8 | 0.22578 |
| | | | #11 [yo][fp]ai0-4[m] | 47 | 111 | 3.2:7 | 0.22522 |
| | | | #17 [yo]fa | 37 | 59 | 2.2:5.8 | 0.18649 |
| | | | #22 [yo][fp]a | 94 | 200 | 4:11.6 | 0.16790 |
| | | | #25 [yo]pa | 57 | 141 | 1.8:5.8 | 0.14833 |
| Jaundice | 14.7 | 0.15490 | #2 ydai0-4l | 8 | 10 | 2.2:0.2 | 0.76177 |
| | | | #12 yc + e4ol | 7 | 34 | 4.2:5.8 | 0.26510 |
| | | | #33 o + c \| cs + e4o | 21 | 26 | 2.2:4.6 | 0.16863 |
| | | | #42 ol + c \| cs + e4o[lr] | 18 | 34 | 1.4:3.2 | 0.14945 |
| | | | #48 ocse4y | 17 | 30 | 2.4:6 | 0.13081 |
| | | | #54 yc + e4o[lr] | 12 | 68 | 5.2:13.4 | 0.12467 |
| | | | #61 [yo]cse4y | 24 | 57 | 3:8.2 | 0.11296 |
| | | | #65 [yo]c + e4dy | 45 | 110 | 2.6:7.2 | 0.11041 |
| Skin Whitening | 5.8 | 0.06112 | #4 yce4y | 9 | 53 | 2.6:8.6 | 0.17102 |
| | | | #8 yce4y + infixed versions | 20 | 87 | 2.6:10.8 | 0.13291 |
| | | | #9 yce4y + s infixes | 17 | 82 | 2.6:10.8 | 0.13291 |
| | | | #16 ydai0-4n | 11 | 40 | 2.4:12.4 | 0.10104 |
| Rubefacient | 6.2 | 0.06533 | #9 [yo]cp | 29 | 38 | 3:8.2 | 0.20253 |
| | | | #19 [yo]c[fp] | 50 | 62 | 3:12 | 0.13467 |
| | | | #25 [yo]e4 \| c + [fp] | 72 | 84 | 3.8:16.6 | 0.12094 |
| | | | #23 opce0-4dy | 17 | 159 | 1.6:6.6 | 0.12979 |
| | | | #1 opar variants | 17 | 48 | 2:1.2 | 0.55967 |
| | | | #3 opal variants | 15 | 42 | 1.4:2.4 | 0.30309 |
| | | | #16 olk | 187 | 557 | 3.4:12 | 0.15545 |
| | | | #17 yce4y | 9 | 53 | 2.4:8.8 | 0.14896 |
| Rosacea | 1.8 | 0 | #24 [yo]ce4y + infixed versions | 156 | 466 | 1.8:49.8 | 0.01591 |
| | | | #25 oce4y + infixed versions | 136 | 379 | 1.6:45.8 | 0.01479 |
| | | | #8 okor variants | 26 | 122 | 1.2:21.6 | 0.03366 |
| | | | #9 otc + e4ol | 13 | 66 | 1.4:26.4 | 0.03139 |
| | | | #11 okol variants | 43 | 285 | 1.6:34.8 | 0.02499 |
| | | | #21 okce0-4y | 59 | 338 | 1.8:47.4 | 0.01762 |
| | | | #13 or[yoa] | 198 | 438 | 1.8:41.8 | 0.02231 |
| **Color Superset** | **45.9** | **0.48367** | #85 [yo]c + e4o Superclass | 205 | 345 | 32.4:20.6 | 0.12765 |
| | | | #14 yc + e4or | 5 | 34 | 9:1.2 | 0.39868 |
| | | | #22 o + c \| cs + e4ol | 28 | 48 | 11:2.6 | 0.32515 |
| | | | #23 yc + e4o[lr] | 12 | 68 | 14.8:3.8 | 0.31203 |
| | | | #25 ol + c \| cs + e4o[lr] | 18 | 34 | 3.6:1 | 0.29894 |
| | | | #33 yc + e4ol | 7 | 34 | 7.4:2.6 | 0.25633 |
| | | | #58 yce4y | 9 | 53 | 7.2:4 | 0.15919 |
| | | | #59 yc[s \| fptk]e4y | 11 | 34 | 1.8:1 | 0.15919 |
| | | | #60 ycse4y | 8 | 29 | 1.8:1 | 0.15919 |
| | | | #68 o + c \| cs + e4o[lr] | 59 | 88 | 14.8:8.8 | 0.14345 |
| | | | #71 yce4y + infixed versions | 20 | 87 | 8.4:5 | 0.14320 |
| | | | #72 yce4y + s infixes | 17 | 82 | 8.4:5 | 0.14320 |
| | | | #83 o + c \| cs + e4o | 21 | 26 | 4.2:2.6 | 0.13398 |
| | | | #24 o[fptk]eda[lrsm \| n] | 87 | 184 | 7.2:2 | 0.29894 |
| | | | #17 o[fptk]edai4n | 36 | 59 | 3.4:0.6 | 0.36633 |
| | | | #21 o[fptk]edar | 30 | 72 | 3.4:0.8 | 0.32585 |
| | | | #36 o[fptk]edam | 7 | 13 | 1.6:0.6 | 0.24360 |
| | | | #49 o[fptk][dlrsmg] | 49 | 68 | 4.8:2.4 | 0.18300 |
| | | | #30 [yo]fa | 37 | 59 | 6:2 | 0.26633 |
| | | | #92 [fptk]ai4[dlrsmg \| n] | 33 | 411 | 20.6:13.6 | 0.11867 |
| Dye | 21.3 | 0.22445 | #8 yc + e4or | 5 | 34 | 7:3.2 | 0.46182 |
| | | | #20 yc + e4o[lr] | 12 | 68 | 8.2:10.4 | 0.21641 |
| | | | #25 yc[s \| fptk]e4y | 11 | 34 | 1.2:1.6 | 0.20412 |
| | | | #26 ycse4y | 8 | 29 | 1.2:1.6 | 0.20412 |

Table 23.1: 2D Semantic Map Covering the Major Noun Hierarchies

| Trailing Consonant | | Anatomical Target/Cause – no c-superclass Organic (Person) | | Ingredient Hierarchy – 1 c-superclass marker Mainly Organic (Herbal) Solids | | Color/Symptom (Diagnostic Criteria, especially of skin tones?) | | Problem/Disease (Organic) | | Remedy o[fptk][ao]-axis – no c-superclass, 2 *o* noun slots "dry, simple" vs. "liquid, complex, dispensable in baths" → Extensions by Additional Syllables | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -o | it/thing/whole? | o | person/body/woman | ceo | plant, whole plant | [yo]ceo | red + dry | o[fptk]ceo | burns, other "dry" reddening afflictions affecting any part of the body | o[fptk]o | Time Period? | - | |
| -y | plural of o too | oy | blood | ceoy | ? | oceoyk, yceeeoy | ? | o[fptk]ceoy | blood disorder? | o[fptk]oy | anti-venom for large creature bites (or blood treatments) | o[fptk]ay | eye washes? |
| -l | upper | ol | body/upper body/head | ceol | leaf, "herb" as aerial portions | [yo]ceol | light/bright, white/yellow? | o[fptk]ceol<br>ol[fptk]ceo +<br>o[fptk]ceoly<br>o[fptk]ceols<br>o[fptk]ceold | skin disorders apart from wounds, eruptions (do not break the skin?) disorder of that portion of the face/upper body affliction of the lungs when not plural? affliction of the breasts affliction of the reproductive organs? | okol | salve/paste (not for wounds?) | okal | essential oil |
| | | olk | face | | | | | | | | | | |
| | | olt | cheeks (or throat, eyes) | | | | | | | | | | |
| | | olf | lips? eyes? | | | | | | | | | | |
| | | olp | lips? eyes? nose? | | | | | | | | | | |
| | | oly | lung/Mercury (when not plural of ol) | ceoly | aerating or central (chest) parts? | | | | | | | | |
| | | ols | breasts | ceols | | | | | | | | | |
| | | old | reproductive organs | ceold | stamens/pistils etc.? | | | | | otol | poultice/plaster (not for wounds?) | otal | moisturizer |
| -r | lower | or | lower body/extremities | ceor | roots, below-ground "spice" parts | [yo]ceor | dark, black/blue? | o[fptk]ceor | orceey as "Wounds" | okor | salve/paste (for wounds?) | okar | essential oil |
| | | | | | | | | | | otor | poultice (for wounds?) | otar | moisturizer |
| -s | "further beyond –r" including the aversive case | os | beyond the lower body/extremities or "more serious" version vs. Fauna including "biting creatures" | ceos | further beyond the lower plant, i.e. below-ground seeds, rhizomes, tubers? | oceeos, oceos, yceeos, yceos, ryceos, yceosar | darker, blacker, bluer? | o[fptk]ceos | more serious wounds including bites (particularly to the extremities, lower body) | o[fptk]os | antidotes (especially for small creature bites) | o[fptk]as | antidotes (especially for small creature bites) |
| dy | "supporting structure" | ody | musculo-skeletal/joints | ceody | branches, stems i.e. supporting structure (with centrally located fruits, flowers?) | [yo]ceody | green? black, white, clear? | o[fptk]ceody | musculo-skeletal disorders (rheumatism, gout, etc.) | o[fptk]ody | compartments, places vs. musculo-skeletal treatments (massages etc.?) | o[fptk]ady | |
| -d | center, in/at/by | od | center of the body as place (with internal organs, heart, lung, /stomach etc.?) | ceod | | | | | | | | | |
| -m | out from | om | interior of the body (vs. fauna that can infest it) | ceom | saps, juices, oils extracted from the interior of plants | [yo]ceom | ? | o[fptk]ceom | infection by internal parasites | o[fptk]om | anthelmintic or removal | o[fptk]am | anthelmintic or removal |
| -g | into/inside | og | *into* the body | dceog, cteog, dcseeog | bark? | okogy, okarajog, cseokog, og, qokeog, otogy, ogom, olceog | ? | - | | okogy, cseokog ceokolg | | okaragy, okag | |
| -j | rare relative of g | oj | | | | | ? | | | - | | - | |
| -x | ? | oxy | | | | ocseox, socsexor | ? | | | oxor | ? | oxar | |
| -[fptk] | ? | ot, ok | skin itself? exterior? vs. Time base | ceot, ceok | bark? vine? | foceof, yceok | ? | cseotceot, okceop, otceoky, otceoty, ytceoky | ? | otoky, keoky, oteofy, ototy, qotoky, okopy | ? | | |
| | | -n & Pharmacological Double Vowels | | | | | | | | | | | |
| -n | ? | $oi^{0-4}n$ & $oi^{0-4}$[lrn] | some part of the body relevant to soaking? pervading? | $ceoi^{0-4}n$ | ? | yceoiin | ? | $o[fptk]ceoi^{0-4}n$ | | $o[fptk]oi^{0-4}n$ | tea, maceration? | $o[fptk]ai^{0-4}n$ | most highly refined remedies? soap? elixirs? |
| - | -- | $oai^{0-4}$[lrn] | mixing? | | | | | | | | | o[fptk]oai0-4n | Rosette Canisters |
| - | | $oe^{0-4}o$ | "dry" mashing etc. | | | | | | | | | | |

Table 23.2: 2D Supplementary Semantic Map with Additional Noun Hierarchies

| Trailing Consonant | | Derived from Washing/Visual Verbs | | Derived from Sensory Verbs | | oda[dlrsmg \| n] (+ odo[dlrsmg] as specific locations/places?) | | o[lrs]a[dlrsmg \| n] Pipe/Flow/Queue State Sequences? | |
|---|---|---|---|---|---|---|---|---|---|
| -o | it/thing/whole? | cedol, cedor etc. | Soap? Beauty or cleanliness itself? | cekol, cetol | scent/pain etc. itself, perfume, etc. | - | - | oro, olo, dolo | ? |
| -l | upper | | | | | odal | Jupiter | olol, olor | upward flow, or from above? |
| -r | lower | | | | | odar | Mars | orol, oror | downward flow, or from below? |
| -s | "further beyond –r" including the aversive case | | | | | odas | Sun? | osos, pceosos, osal, osar, osaiin | definition collision on os- with wound remedies? |
| dy | "supporting structure" | | | | | odady | Mercury? | orad | to stay in place? |
| -d | center, in/at/by | | | | | | | | |
| -m | out from | | | | | odam | Saturn? | olam, oram, olom, etc. | to leave from the interior? |
| -g | into/inside | | | | | *odaiig | ? | orog, orag | to enter the interior? |
| -j | rare relative of g | | | | | - | - | - | - |
| -[fptk \| j \| x \| y] | ? | | | | | - | - | - | - |
| -n | ? | | | | | | Venus | olaiin, orain | ? |

Table 23.3: 2D Map of the Modifier/Adjective Hierarchy

| Trailing Consonant | | Liquid Ingredient Hierarchy – 1 c-superclass marker | | Color/Symptom (Diagnostic Criteria?) | | Problem/Disease ("Wet" Organic) | | Remedy | | Other | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| y | Modifier/Adjective Base – *like?* potential definition collisions with relatives of o, oy | ceey | liquid ingredient, water | oceey, yceey | red + wet, "bad blood," toxicity, venom | o[fptk]ce$^{1-a}$y | disorder causing "wet" eruptions, including bleeding | o[fptk]e$^{0-a}$y | Time Period? | | |
| | | c[fptk]e$^{1-a}$y | base liquid ingredients (honey, vinegar, wine/alcohol) | oc[fpt]e$^{1-a}$y | other shades of red, with skin tones? | | | | | | |
| | | | | ockey | brown? | | | | | | |
| | | ceckey, cectey, cecpey, cecfey | more complex liquid ingredients | | | | | | | | |
| -[fptk] | Sensory Hierarchy? | ceeky | tactile | | ? | yfceeky, ytceeeky, okceeefy, opceeeky | tactile disorder? | otaleky, qokeoefy, okaralet, otalef | probably all mistranscribed | | |
| | | ceety | scent (perfumes) vs. tactile balm vs. pain | yceek, koceky, oceeeky, oceeky, ocseeeky, yceky | ? | ceeokceet | scent or tactile disorder | | | | |
| | | ceefy | taste vs. tactile abrasive vs. pain subtypes | kocseet, yceeety | ? | opceeoef, qopceety, opceety | taste or tactile disorder, especially pain | | | | |
| | | ceepy | | - | | opceepy, qofceeepy | | | | | |
| -d + y | Visual | ceedy, ceed | beauty/cleanliness, including ingredients that produce them | ocedy | related to green? clear, white? | o[fptk]ce$^{1-a}$dy | cosmetic problem | o[fptk]e$^{0-a}$dy | baths | [fptk]e$^{0-a}$dy | Temperature? Hot, cold, cool, moist, dry? |
| | | | | | | | | | | | |
| -m | | ceem | rare connectives | - | | otcem | ? | oteem | ? | | |
| -g | | ceeg | | ceocfceg | ? | ykceeg, ypceeg, okceeeg | ? | okeeg, oteeg, qokeg | ? | | |
| -j | | - | | - | - | - | ? | - | | | |
| -l | | cel | | - | - | otcel, osceotcsel | ? | qokeel, okeeel | ? | | |
| -r | | cer | | - | - | otcer, qopceer, ypceer, ofcer, dceokcer, ypceery | ? | okeer, oteer, qoker | ? | | |
| -s | negation, the aversive case | csees | but/except/subtraction | ocees | ? | otcees | ? | o[tk]e$^{1-a}$s | Time Period? | | |
| -n | | ceeen | ? | - | - | - | - | - | - | - | - |
| -x | | csex | ? | - | - | oxockeey | | | | | |
| none | | cse | detached class modifiers | | | | | | | | |

Table 23.4: 2D Map of Thematic Verbs

| **Verb Bases** | | **Organic Verbs** | | **Color/Symptom (Diagnostic Criteria, especially of skin tones?) Verbs?** | | **Problem/Disease (Organic) Noun ← Verb Compounds?** | |
|---|---|---|---|---|---|---|---|
| a | action | cea | treatment/application verb base | ocea | to change color? | o[fptk]cea | Nouns derived from these verbs |
| ay | ? | - | - | yceoclaey | possible transcription error | opceaclkey | ? |
| al | modal verb contrasting with ar | ceal | to apply medicine, put on, daub, smear, inject etc. | yceeeal, ocealy | to assign the color *oceol*? | otceal, okceal, opceal | application or treatment itself? |
| ar | modal verb contrasting with ar | cear | to heal, cure, treat? | yceear, yceeear, kocear | to assign the color *oceor*? | otcear, okcear, ofcear | treatment, health itself/bodily function? |
| as | "further beyond –r," the aversive case | ceas | negative version of to heal, cure, treat? | - | - | ytceas, opceeas | |
| ad + y | "supporting structure", center, in/at/by | ceady | ? | yceealod | likely transcription error | ofcedady | |
| am | out from | ceam | to remove from the body, to harvest? | yceam, qoceecteam | to assign the color *oceom*? | otceam, qotceam, qopceam | the act of removal? surgery itself? |
| ag | into/inside | - | - | - | - | - | |
| aj | rare relative of g | - | - | - | - | - | |
| ax | ? | - | - | - | - | - | |
| a[fptk] | ? | - | - | - | - | - | |
| ai$^{0-4}$n | modal verb | ceaiin, ceain | to grow, other herbal/organic action | yceeain, yceain, poceaiin etc. | ? | otceaiin, sotceaiin | growth, healing itself? |
| **Other** | | | | | | | |
| [fptk]e$^{0-4}$dai0-4 | Temperature Verbs? | tedal, kedar, tedaiin etc. | to heat, cool, etc.? to moisten? | - | - | - | - |
| **Remedy/Visual Verbs** | | | | | | | |
| c \| c[s \| fptk] + eda | to wash/clean? | - | - | - | - | - | - |
| eda + al | - | cedal, ceedal | cleanse, wash, bathe, shower etc. | yceedal, oceedal | | otcedal, okcedal, ytceedal, qotcedal | problem related to that particular form of cleansing, bathing, etc. |
| eda + ar | - | cedar, ceedar | particular form of cleansing, washing, reordering, refreshing | yceedar, pycedar, oceedar | | qotceedar, okcedar, opcedar | problem related to that particular form of cleansing, refreshing etc. |
| eda + as | - | dcedas, cedas | to dirty, clutter? | - | - | ofceedais | problem related to the inverse of cleansing, such as to dirty |
| eda + ad + y | - | ceedady | ? | - | - | ofcedady | ? |
| eda + am | - | cedam, pcedam | to cleanse by removing? exfoliate? | - | - | okceedam, ytcedam, otcedam | problem amenable to cleansing through removal, like exfoliation |
| eda + a[fptk\| gj \| x \| y] | - | - | - | - | - | - | - |
| eda + ai$^{0-4}$n | - | cedaiin, ceedaiin | particular form of cleansing, washing, reordering, refreshing | yceedaiin, yceedain, ycedain | | opceedaiin, opcedain, otceedain | problem related to that particular form of cleansing, refreshing etc. |
| **Sensory Verbs** | | | | | | | |
| c \| c[s \| fptk] + e[fptk]a | to experience/sense | - | - | - | - | - | - |
| e[fptk]a + y | - | ceekactcey, ceekacpey, cectackey | ? | yceoclaey | ? | - | - |
| e[fptk]a + al | - | cekal, cetal, cepal etc. | to feel, touch, soften, harden, roughen, smooth out, to smell, taste | yceeeytal | - | - | - |
| e[fptk]a + ar | - | csekar, cetar, cepar, etc. | to feel, touch, soften, harden, roughen, smooth out, to smell, taste | - | - | potceokar, ofcetar, ofceeefar | |
| e[fptk]a + as | - | cetais, cekas, ceefalas, ceetas, ceekais, cseeekas | to sense, especially of a negative nature (pain?) or loss of sense | - | - | - | - |
| e[fptk]a + ad + y | - | cepady | | - | - | - | - |
| e[fptk]a + am | - | cekam, cetam, cetaiim ceparam, cseekam, cseetam | to sense, touch, soften, harden, roughen, smooth out, especially by removal? | - | - | - | - |
| e[fptk]a + aj | - | ceekaj | - | - | - | - | - |
| eda + a[fptk\| g \| x] | - | - | - | - | - | - | - |
| e[fptk]a + ai$^{0-4}$n | - | cekaiin, cetaiin, cseekain | to feel, touch, soften, harden, roughen, smooth out, to smell, taste | ycetain, ycetaiin, oceepalain | color or other diagnostic criteria tied to that non-visual sense? | opceekan, opceekaiin | |

Table 23.3: Maximum Changes in Rank for Existing Words between Versions #29 and #59

| Word | Original Count | Translation Count | Augmented Count | New Rank | Original Rank | Alternate Rank | Rank Change | Absolute Increase Share |
|---|---|---|---|---|---|---|---|---|
| alo | 3 | 7 | 10 | 593 | 1281 | 35 | -688 | 0.70000 |
| por | 7 | 6 | 13 | 467 | 742 | 39 | -275 | 0.46154 |
| o | 26 | 20 | 46 | 142 | 241 | 9 | -99 | 0.43478 |
| kceo | 6 | 4 | 10 | 559 | 808 | 95 | -249 | 0.40000 |
| dg | 6 | 4 | 10 | 560 | 804 | 94 | -244 | 0.40000 |
| py | 6 | 4 | 10 | 561 | 850 | 72 | -289 | 0.40000 |
| yceo | 6 | 4 | 10 | 562 | 871 | 67 | -309 | 0.40000 |
| oto | 12 | 7 | 19 | 345 | 470 | 38 | -125 | 0.36842 |
| aror | 7 | 4 | 11 | 556 | 684 | 90 | -128 | 0.36364 |
| ced | 9 | 5 | 14 | 432 | 571 | 58 | -139 | 0.35714 |
| y | 142 | 73 | 215 | 23 | 46 | 1 | -23 | 0.33953 |
| qok | 8 | 4 | 12 | 468 | 667 | 75 | -199 | 0.33333 |
| oeey | 9 | 4 | 13 | 433 | 603 | 80 | -170 | 0.30769 |
| oteo | 19 | 8 | 27 | 245 | 328 | 27 | -83 | 0.29630 |
| do | 15 | 6 | 21 | 312 | 378 | 50 | -66 | 0.28571 |
| aldy | 16 | 6 | 22 | 283 | 359 | 46 | -76 | 0.27273 |
| cfey | 8 | 3 | 11 | 554 | 636 | 114 | -82 | 0.27273 |
| ols | 23 | 8 | 31 | 215 | 268 | 28 | -53 | 0.25806 |
| oy | 12 | 4 | 16 | 392 | 471 | 73 | -79 | 0.25000 |
| laiin | 12 | 4 | 16 | 393 | 461 | 85 | -68 | 0.25000 |
| cses | 9 | 3 | 12 | 502 | 587 | 102 | -85 | 0.25000 |
| eees | 9 | 3 | 12 | 503 | 596 | 112 | -93 | 0.25000 |
| ls | 13 | 4 | 17 | 370 | 427 | 83 | -57 | 0.23529 |
| od | 13 | 4 | 17 | 371 | 428 | 84 | -57 | 0.23529 |
| os | 40 | 12 | 52 | 127 | 162 | 19 | -35 | 0.23077 |
| ces | 21 | 6 | 27 | 244 | 284 | 47 | -40 | 0.22222 |
| arol | 11 | 3 | 14 | 430 | 489 | 116 | -59 | 0.21429 |
| qo | 48 | 13 | 61 | 105 | 128 | 18 | -23 | 0.21311 |
| d | 56 | 15 | 71 | 86 | 107 | 15 | -21 | 0.21127 |
| ky | 30 | 8 | 38 | 180 | 204 | 31 | -24 | 0.21053 |
| ceed | 19 | 5 | 24 | 260 | 322 | 60 | -62 | 0.20833 |
| ceo | 71 | 18 | 89 | 73 | 84 | 10 | -11 | 0.20225 |
| ty | 20 | 5 | 25 | 259 | 320 | 66 | -61 | 0.20000 |
| ceeeo | 16 | 4 | 20 | 326 | 360 | 87 | -34 | 0.20000 |
| qolo | 8 | 2 | 10 | 557 | 674 | 163 | -117 | 0.20000 |
| ldy | 26 | 6 | 32 | 203 | 240 | 44 | -37 | 0.18750 |
| rar | 26 | 6 | 32 | 204 | 245 | 41 | -41 | 0.18750 |
| aram | 13 | 3 | 16 | 381 | 414 | 115 | -33 | 0.18750 |
| oteeo | 13 | 3 | 16 | 382 | 434 | 124 | -52 | 0.18750 |
| ceeo | 72 | 16 | 88 | 75 | 83 | 13 | -8 | 0.18182 |
| teody | 9 | 2 | 11 | 555 | 617 | 140 | -62 | 0.18182 |
| arar | 9 | 2 | 11 | 514 | 569 | 214 | -55 | 0.18182 |
| cseeeo | 9 | 2 | 11 | 515 | 581 | 220 | -66 | 0.18182 |
| csed | 9 | 2 | 11 | 516 | 578 | 223 | -62 | 0.18182 |
| olal | 9 | 2 | 11 | 517 | 604 | 198 | -87 | 0.18182 |
| qod | 9 | 2 | 11 | 553 | 611 | 155 | -58 | 0.18182 |
| s | 179 | 39 | 218 | 21 | 27 | 5 | -6 | 0.17890 |
| pol | 25 | 5 | 30 | 216 | 249 | 63 | -33 | 0.16667 |
| orol | 20 | 4 | 24 | 261 | 315 | 77 | -54 | 0.16667 |
| an | 10 | 2 | 12 | 500 | 530 | 216 | -30 | 0.16667 |
| qoy | 10 | 2 | 12 | 504 | 563 | 160 | -59 | 0.16667 |
| ro | 10 | 2 | 12 | 505 | 564 | 168 | -59 | 0.16667 |
| keor | 10 | 2 | 12 | 506 | 546 | 237 | -40 | 0.16667 |
| oeedy | 10 | 2 | 12 | 507 | 548 | 192 | -41 | 0.16667 |
| kal | 26 | 5 | 31 | 214 | 238 | 54 | -24 | 0.16129 |
| kain | 47 | 9 | 56 | 114 | 132 | 25 | -18 | 0.16071 |
| okeeol | 21 | 4 | 25 | 258 | 296 | 81 | -38 | 0.16000 |
| aly | 38 | 7 | 45 | 149 | 171 | 36 | -22 | 0.15556 |
| qotceo | 11 | 2 | 13 | 434 | 520 | 166 | -86 | 0.15385 |
| okceo | 11 | 2 | 13 | 435 | 506 | 200 | -71 | 0.15385 |
| opy | 11 | 2 | 13 | 436 | 511 | 174 | -75 | 0.15385 |
| g | 28 | 5 | 33 | 201 | 224 | 53 | -23 | 0.15152 |
| r | 47 | 8 | 55 | 115 | 134 | 30 | -19 | 0.14545 |
| okeeo | 18 | 3 | 21 | 311 | 343 | 122 | -32 | 0.14286 |
| cseod | 12 | 2 | 14 | 426 | 459 | 251 | -33 | 0.14286 |
| keeey | 12 | 2 | 14 | 427 | 460 | 239 | -33 | 0.14286 |
| ot | 12 | 2 | 14 | 428 | 466 | 184 | -38 | 0.14286 |
| ytam | 12 | 2 | 14 | 429 | 488 | 147 | -59 | 0.14286 |
| tey | 12 | 2 | 14 | 431 | 481 | 141 | -50 | 0.14286 |
| air | 76 | 12 | 88 | 74 | 78 | 20 | -4 | 0.13636 |
| ary | 32 | 5 | 37 | 181 | 196 | 57 | -15 | 0.13514 |
| om | 39 | 6 | 45 | 148 | 169 | 42 | -21 | 0.13333 |
| ytol | 13 | 2 | 15 | 401 | 448 | 148 | -47 | 0.13333 |
| key | 13 | 2 | 15 | 403 | 425 | 238 | -22 | 0.13333 |
| cseeal | 20 | 3 | 23 | 282 | 307 | 113 | -25 | 0.13043 |
| ckeey | 35 | 5 | 40 | 168 | 179 | 55 | -11 | 0.12500 |
| dcseey | 14 | 2 | 16 | 373 | 402 | 244 | -29 | 0.12500 |
| kair | 14 | 2 | 16 | 378 | 404 | 232 | -26 | 0.12500 |
| opar | 14 | 2 | 16 | 379 | 406 | 173 | -27 | 0.12500 |
| sam | 14 | 2 | 16 | 380 | 409 | 136 | -29 | 0.12500 |
| yty | 29 | 4 | 33 | 200 | 220 | 71 | -20 | 0.12121 |
| am | 118 | 16 | 134 | 48 | 52 | 14 | -4 | 0.11940 |
| olain | 15 | 2 | 17 | 363 | 381 | 197 | -18 | 0.11765 |
| oees | 15 | 2 | 17 | 372 | 379 | 195 | -7 | 0.11765 |
| l | 46 | 6 | 52 | 126 | 136 | 43 | -10 | 0.11538 |
| olor | 32 | 4 | 36 | 187 | 200 | 76 | -13 | 0.11111 |
| cpey | 16 | 2 | 18 | 357 | 363 | 222 | -6 | 0.11111 |
| daim | 16 | 2 | 18 | 358 | 365 | 246 | -7 | 0.11111 |
| olar | 16 | 2 | 18 | 359 | 367 | 175 | -8 | 0.11111 |
| opcey | 16 | 2 | 18 | 360 | 368 | 172 | -8 | 0.11111 |
| orar | 16 | 2 | 18 | 361 | 369 | 185 | -8 | 0.11111 |
| ceedar | 34 | 4 | 38 | 179 | 186 | 86 | -7 | 0.10526 |
| cteo | 17 | 2 | 19 | 330 | 355 | 249 | -25 | 0.10526 |
| dl | 26 | 3 | 29 | 230 | 237 | 110 | -7 | 0.10345 |
| ceees | 35 | 4 | 39 | 171 | 178 | 88 | -7 | 0.10256 |
| dceey | 18 | 2 | 20 | 314 | 337 | 233 | -23 | 0.10000 |
| ody | 56 | 6 | 62 | 102 | 109 | 45 | -7 | 0.09677 |
| daiiin | 28 | 3 | 31 | 213 | 222 | 99 | -9 | 0.09677 |
| rol | 29 | 3 | 32 | 202 | 219 | 134 | -17 | 0.09375 |
| sal | 63 | 6 | 69 | 88 | 96 | 40 | -8 | 0.08696 |
| tcey | 21 | 2 | 23 | 280 | 301 | 139 | -21 | 0.08696 |
| m | 21 | 2 | 23 | 281 | 292 | 194 | -11 | 0.08696 |
| tol | 53 | 5 | 58 | 109 | 115 | 65 | -6 | 0.08621 |
| oiin | 43 | 4 | 47 | 141 | 146 | 79 | -5 | 0.08511 |
| dcey | 33 | 3 | 36 | 186 | 192 | 106 | -6 | 0.08333 |
| tal | 22 | 2 | 24 | 263 | 279 | 143 | -16 | 0.08333 |
| yky | 22 | 2 | 24 | 264 | 282 | 149 | -18 | 0.08333 |
| okeor | 23 | 2 | 25 | 257 | 267 | 202 | -10 | 0.08000 |
| ral | 24 | 2 | 26 | 252 | 258 | 162 | -6 | 0.07692 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **ceaiin** | 49 | 4 | 53 | 118 | 123 | 89 | -5 | 0.07547 |
| **cedar** | 25 | 2 | 27 | 243 | 247 | 211 | -4 | 0.07407 |
| **dceor** | 26 | 2 | 28 | 231 | 236 | 234 | -5 | 0.07143 |
| **lceey** | 48 | 2 | 50 | 131 | 127 | 210 | 4 | 0.04000 |

Table 23.6: Maximum Changes in Rank for Existing Words between Versions #29 and #59, Reorganized by Object Types

| Word | Original Count | Translation Count | Augmented Count | New Rank | Original Rank | Alternate Rank | Rank Change | Absolute Increase Share |
|---|---|---|---|---|---|---|---|---|
| **Single-Letter Words** | | | | | | | | |
| **d** | 56 | 15 | 71 | 86 | 107 | 15 | -21 | 0.21127 |
| **g** | 28 | 5 | 33 | 201 | 224 | 53 | -23 | 0.15152 |
| **l** | 46 | 6 | 52 | 126 | 136 | 43 | -10 | 0.11538 |
| **m** | 21 | 2 | 23 | 281 | 292 | 194 | -11 | 0.08696 |
| **r** | 47 | 8 | 55 | 115 | 134 | 30 | -19 | 0.14545 |
| **s** | 179 | 39 | 218 | 21 | 27 | 5 | -6 | 0.17890 |
| **Consonant Clusters** | | | | | | | | |
| **ls** | 13 | 4 | 17 | 370 | 427 | 83 | -57 | 0.23529 |
| **dg** | 6 | 4 | 10 | 560 | 804 | 94 | -244 | 0.40000 |
| **dl** | 26 | 3 | 29 | 230 | 237 | 110 | -7 | 0.10345 |
| **Suspected Verbs** | | | | | | | | |
| **air** | 76 | 12 | 88 | 74 | 78 | 20 | -4 | 0.13636 |
| **aldy** | 16 | 6 | 22 | 283 | 359 | 46 | -76 | 0.27273 |
| **alo** | 3 | 7 | 10 | 593 | 1281 | 35 | -688 | 0.70000 |
| **aly** | 38 | 7 | 45 | 149 | 171 | 36 | -22 | 0.15556 |
| **am** | 118 | 16 | 134 | 48 | 52 | 14 | -4 | 0.11940 |
| **an** | 10 | 2 | 12 | 500 | 530 | 216 | -30 | 0.16667 |
| **ary** | 32 | 5 | 37 | 181 | 196 | 57 | -15 | 0.13514 |
| **daiiin** | 28 | 3 | 31 | 213 | 222 | 99 | -9 | 0.09677 |
| **daim** | 16 | 2 | 18 | 358 | 365 | 246 | -7 | 0.11111 |
| **laiin** | 12 | 4 | 16 | 393 | 461 | 85 | -68 | 0.25000 |
| **ral** | 24 | 2 | 26 | 252 | 258 | 162 | -6 | 0.07692 |
| **rar** | 26 | 6 | 32 | 204 | 245 | 41 | -41 | 0.18750 |
| **sal** | 63 | 6 | 69 | 88 | 96 | 40 | -8 | 0.08696 |
| **sam** | 14 | 2 | 16 | 380 | 409 | 136 | -29 | 0.12500 |
| **tal** | 22 | 2 | 24 | 263 | 279 | 143 | -16 | 0.08333 |
| **lain** | 47 | 9 | 56 | 114 | 132 | 25 | -18 | 0.16071 |
| **lair** | 14 | 2 | 16 | 378 | 404 | 232 | -26 | 0.12500 |
| **lal** | 26 | 5 | 31 | 214 | 238 | 54 | -24 | 0.16129 |
| **Suspected Pipe/Flow/Q ueue** | | | | | | | | |
| **aram** | 13 | 3 | 16 | 381 | 414 | 115 | -33 | 0.18750 |
| **arar** | 9 | 2 | 11 | 514 | 569 | 214 | -55 | 0.18182 |
| **arol** | 11 | 3 | 14 | 430 | 489 | 116 | -59 | 0.21429 |
| **aror** | 7 | 4 | 11 | 556 | 684 | 90 | -128 | 0.36364 |
| **olor** | 32 | 4 | 36 | 187 | 200 | 76 | -13 | 0.11111 |
| **olal** | 9 | 2 | 11 | 517 | 604 | 198 | -87 | 0.18182 |
| **olar** | 16 | 2 | 18 | 359 | 367 | 175 | -8 | 0.11111 |
| **olain** | 15 | 2 | 17 | 363 | 381 | 197 | -18 | 0.11765 |
| **orar** | 16 | 2 | 18 | 361 | 369 | 185 | -8 | 0.11111 |
| **orol** | 20 | 4 | 24 | 261 | 315 | 77 | -54 | 0.16667 |
| **Suspected Plant Parts** | | | | | | | | |
| **ceeeo** | 16 | 4 | 20 | 326 | 360 | 87 | -34 | 0.20000 |
| **ceeo** | 72 | 16 | 88 | 75 | 83 | 13 | -8 | 0.18182 |
| **ceo** | 71 | 18 | 89 | 73 | 84 | 10 | -11 | 0.20225 |
| **cseeeo** | 9 | 2 | 11 | 515 | 581 | 220 | -66 | 0.18182 |
| **cteo** | 17 | 2 | 19 | 330 | 355 | 249 | -25 | 0.10526 |
| **lceo** | 6 | 4 | 10 | 559 | 808 | 95 | -249 | 0.40000 |
| | | | | | | | | |
| **cseod** | 12 | 2 | 14 | 426 | 459 | 251 | -33 | 0.14286 |
| **dc (Intersecting Ingredients)** | | | | | | | | |
| **dceor** | 26 | 2 | 28 | 231 | 236 | 234 | -5 | 0.07143 |
| **dcey** | 33 | 3 | 36 | 186 | 192 | 106 | -6 | 0.08333 |
| **dceey** | 18 | 2 | 20 | 314 | 337 | 233 | -23 | 0.10000 |
| **dcseey** | 14 | 2 | 16 | 373 | 402 | 244 | -29 | 0.12500 |
| **Liquid Ingredients** | | | | | | | | |
| **tcey** | 21 | 2 | 23 | 280 | 301 | 139 | -21 | 0.08696 |
| **lceey** | 48 | 2 | 50 | 131 | 127 | 210 | 4 | 0.04000 |
| **cfey** | 8 | 3 | 11 | 554 | 636 | 114 | -82 | 0.27273 |
| **ckeey** | 35 | 5 | 40 | 168 | 179 | 55 | -11 | 0.12500 |
| **cpey** | 16 | 2 | 18 | 357 | 363 | 222 | -6 | 0.11111 |
| **Herbal Verbs** | | | | | | | | |
| **ceaiin** | 49 | 4 | 53 | 118 | 123 | 89 | -5 | 0.07547 |
| **cseeal** | 20 | 3 | 23 | 282 | 307 | 113 | -25 | 0.13043 |
| **Cleaning Verbs** | | | | | | | | |
| **cedar** | 25 | 2 | 27 | 243 | 247 | 211 | -4 | 0.07407 |
| **ceedar** | 34 | 4 | 38 | 179 | 186 | 86 | -7 | 0.10526 |
| **Cleaning Base or Clause** | | | | | | | | |
| **ced** | 9 | 5 | 14 | 432 | 571 | 58 | -139 | 0.35714 |
| **ceed** | 19 | 5 | 24 | 260 | 322 | 60 | -62 | 0.20833 |
| **csed** | 9 | 2 | 11 | 516 | 578 | 223 | -62 | 0.18182 |
| **Relative Clauses?** | | | | | | | | |
| **ces** | 21 | 6 | 27 | 244 | 284 | 47 | -40 | 0.22222 |
| **ceees** | 35 | 4 | 39 | 171 | 178 | 88 | -7 | 0.10256 |
| **cses** | 9 | 3 | 12 | 502 | 587 | 102 | -85 | 0.25000 |
| **eees** | 9 | 3 | 12 | 503 | 596 | 112 | -93 | 0.25000 |
| **Color** | | 6 | | | | | | |
| **yceo** | 6 | 4 | 10 | 562 | 871 | 67 | -309 | 0.40000 |
| **on (Tea/Maceration?)** | | | | | | | | |
| **oiin** | 43 | 4 | 47 | 141 | 146 | 79 | -5 | 0.08511 |
| **o[lr]** | | | | | | | | |
| **tol** | 53 | 5 | 58 | 109 | 115 | 65 | -6 | 0.08621 |
| **pol** | 25 | 5 | 30 | 216 | 249 | 63 | -33 | 0.16667 |
| **por** | 7 | 6 | 13 | 467 | 742 | 39 | -275 | 0.46154 |
| **rol** | 29 | 3 | 32 | 202 | 219 | 134 | -17 | 0.09375 |
| **keor** | 10 | 2 | 12 | 506 | 546 | 237 | -40 | 0.16667 |
| **Poultice-Like Non-Abrasives** | | | | | | | | |
| **okeeol** | 21 | 4 | 25 | 258 | 296 | 81 | -38 | 0.16000 |
| **okeor** | 23 | 2 | 25 | 257 | 267 | 202 | -10 | 0.08000 |
| **ytol** | 13 | 2 | 15 | 401 | 448 | 148 | -47 | 0.13333 |
| **Abrasive Remedies** | | | | | | | | |
| **opar** | 14 | 2 | 16 | 379 | 406 | 173 | -27 | 0.12500 |
| **opcey** | 16 | 2 | 18 | 360 | 368 | 172 | -8 | 0.11111 |
| **opy (time period too?)** | 11 | 2 | 13 | 436 | 511 | 174 | -75 | 0.15385 |
| **Time Periods?** | | | | | | | | |
| **yty** | 29 | 4 | 33 | 200 | 220 | 71 | -20 | 0.12121 |
| **oto** | 12 | 7 | 19 | 345 | 470 | 38 | -125 | 0.36842 |
| **oteo** | 19 | 8 | 27 | 245 | 328 | 27 | -83 | 0.29630 |
| **oteeo** | 13 | 3 | 16 | 382 | 434 | 124 | -52 | 0.18750 |
| **qolo** | 8 | 2 | 10 | 557 | 674 | 163 | -117 | 0.20000 |
| **okeeo** | 18 | 3 | 21 | 311 | 343 | 122 | -32 | 0.14286 |
| **yky** | 22 | 2 | 24 | 264 | 282 | 149 | -18 | 0.08333 |
| **Body Parts** | | | | | | | | |
| **ols** | 23 | 8 | 31 | 215 | 268 | 28 | -53 | 0.25806 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Skin** | | | | | | | | |
| **ot** | 12 | 2 | 14 | 428 | 466 | 184 | -38 | 0.14286 |
| **qok** | 8 | 4 | 12 | 468 | 667 | 75 | -199 | 0.33333 |
| **Anthelmintics/Sap** | | | | | | | | |
| **om** | 39 | 6 | 45 | 148 | 169 | 42 | -21 | 0.13333 |
| **ytam** | 12 | 2 | 14 | 429 | 488 | 147 | -59 | 0.14286 |
| **ody** | | | | | | | | |
| **ody** | 56 | 6 | 62 | 102 | 109 | 45 | -7 | 0.09677 |
| **oeedy** | 10 | 2 | 12 | 507 | 548 | 192 | -41 | 0.16667 |
| **teody** | 9 | 2 | 11 | 555 | 617 | 140 | -62 | 0.18182 |
| **od** | | | | | | | | |
| **qod** | 9 | 2 | 11 | 553 | 611 | 155 | -58 | 0.18182 |
| **od** | 13 | 4 | 17 | 371 | 428 | 84 | -57 | 0.23529 |
| **Bites** | | | | | | | | |
| **os** | 40 | 12 | 52 | 127 | 162 | 19 | -35 | 0.23077 |
| **oees** | 15 | 2 | 17 | 372 | 379 | 195 | -7 | 0.11765 |
| **Burns-Bleeding?** | | | | | | | | |
| **qotceo** | 11 | 2 | 13 | 434 | 520 | 166 | -86 | 0.15385 |
| **okceo** | 11 | 2 | 13 | 435 | 506 | 200 | -71 | 0.15385 |
| **oy (related to o + y maybe?)** | | | | | | | | |
| **oy** | 12 | 4 | 16 | 392 | 471 | 73 | -79 | 0.25000 |
| **qoy** | 10 | 2 | 12 | 504 | 563 | 160 | -59 | 0.16667 |
| **oeey** | 9 | 4 | 13 | 433 | 603 | 80 | -170 | 0.30769 |
| **o & y nouns (do- might be deadly too)** | | | | | | | | |
| **do** | 15 | 6 | 21 | 312 | 378 | 50 | -66 | 0.28571 |
| **o** | 26 | 20 | 46 | 142 | 241 | 9 | -99 | 0.43478 |
| **ro** | 10 | 2 | 12 | 505 | 564 | 168 | -59 | 0.16667 |
| **qo** | 48 | 13 | 61 | 105 | 128 | 18 | -23 | 0.21311 |
| **y** | 142 | 73 | 215 | 23 | 46 | 1 | -23 | 0.33953 |
| **py** | 6 | 4 | 10 | 561 | 850 | 72 | -289 | 0.40000 |
| **ty** | 20 | 5 | 25 | 259 | 320 | 66 | -61 | 0.20000 |
| **tey** | 12 | 2 | 14 | 431 | 481 | 141 | -50 | 0.14286 |
| **ky** | 30 | 8 | 38 | 180 | 204 | 31 | -24 | 0.21053 |
| **key** | 13 | 2 | 15 | 403 | 425 | 238 | -22 | 0.13333 |
| **keeey** | 12 | 2 | 14 | 427 | 460 | 239 | -33 | 0.14286 |
| **Other** | | | | | | | | |
| **ldy** | 26 | 6 | 32 | 203 | 240 | 44 | -37 | 0.18750 |

Table 23.7: Sectional Affinities of the Major Candidates for the Major Semantic Hierarchies

| Category | Expected Role | Word Count | Document Share | Section Affinity Scores | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| **Remedy/Solution Hierarchy** | | | | | | | | | | |
| [yo][fptk][ao][lr] | Remedies | 2688 | 0.06906 | -0.00228 | -0.05537 | 0.06927 | -0.00050 | 0.00680 | -0.04186 | 0.02395 |
| a-axis of [yo][fptk][ao][lr] | Refined Liquids | 1731 | 0.04447 | -0.00274 | -0.11801 | 0.08308 | 0.03400 | -0.03909 | 0.01289 | 0.02986 |
| o-axis of [yo][fptk][ao][lr] | Less Refined Solids | 764 | 0.01963 | -0.00039 | 0.10501 | 0.03203 | -0.05768 | 0.09956 | -0.16104 | -0.01749 |
| [yo][fptk]e4o[dlrsmg] | Remedies + Enumerative Info | 924 | 0.02374 | -0.00346 | -0.09940 | 0.18919 | -0.14721 | 0.15821 | -0.06456 | -0.03277 |
| o[fptk]ai4n | Highest Degree of Refinement | 1598 | 0.04105 | 0.00063 | -0.13150 | -0.06154 | 0.08684 | -0.05609 | 0.14982 | 0.01185 |
| o[fptk]e4dy | Baths | 1444 | 0.03710 | -0.00563 | -0.16609 | -0.08055 | 0.24903 | -0.06590 | 0.08057 | -0.01144 |
| **Herbal** | | | | | | | | | | |
| [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | Herbal Ingredients | 2246 | 0.05770 | 0.00372 | 0.22494 | -0.03865 | -0.10311 | 0.06381 | -0.11544 | -0.03528 |
| ce4a | Herbal & Treatment Actions | 1009 | 0.02592 | 0.01023 | 0.13592 | 0.01582 | -0.10202 | -0.04221 | 0.02244 | -0.04019 |
| y-initial | Genitive (vs. Collective?) | 1926 | 0.04948 | 0.00112 | 0.11182 | 0.04284 | -0.09899 | -0.00152 | -0.09141 | 0.03614 |
| y[fptk]-initial | | 1295 | 0.03327 | -0.00022 | 0.13128 | 0.06733 | -0.11776 | -0.00234 | -0.14062 | 0.06233 |
| [dlrsmg \| fptk] + ai4n | Verbs | 1724 | 0.04429 | 0.00423 | 0.12517 | -0.06001 | -0.02600 | 0.01671 | -0.03232 | -0.02777 |
| [yo]d[ao]i0-4[lrm \| n] | Planets (& possibly Places) | 880 | 0.02261 | 0.00801 | 0.12284 | 0.02658 | -0.16680 | 0.01270 | -0.04021 | 0.03687 |
| oda | | 847 | 0.02176 | 0.00854 | 0.11075 | 0.03286 | -0.16601 | 0.00404 | -0.03209 | 0.04191 |
| om + o[fptk \| dlrsmg]am | "from the Interior" | 454 | 0.01166 | -0.00342 | 0.10888 | 0.00163 | -0.12999 | 0.01572 | -0.01453 | 0.02171 |
| **Problem/Disease Hierarchy** | | | | | | | | | | |
| o[fptk]c + e0-4dy | Cosmetic Problems | 554 | 0.01423 | -0.00563 | -0.11912 | -0.07883 | 0.02935 | -0.06076 | 0.16700 | 0.06797 |
| o[fptk]c + e0-4y | Eruptives | 753 | 0.01935 | -0.00164 | 0.24630 | -0.02707 | -0.10758 | -0.04407 | -0.07698 | 0.01105 |
| o[fptk]c + e0-4ol | Benign Skin | 159 | 0.00408 | 0.00695 | 0.41020 | -0.04120 | -0.16210 | 0.01378 | -0.19079 | -0.03683 |
| o[fptk]c + e0-4or | Wounds | 135 | 0.00347 | -0.00563 | 0.45394 | -0.02262 | -0.15763 | -0.01613 | -0.21958 | -0.03236 |
| [yo][fptk\| dlrsmg] + c \| cs + e4o | Burns | 113 | 0.00290 | 0.00322 | 0.28101 | 0.00210 | -0.16956 | -0.03258 | -0.05760 | -0.02659 |
| o[fptk]c + e4ody | Musculo-Skeletal | 75 | 0.00193 | -0.00563 | 0.22579 | 0.12257 | -0.18726 | -0.01464 | -0.10551 | -0.03532 |
| o[fptk]c + e4os | Bites | 15 | 0.00039 | -0.00563 | 0.03913 | 0.29590 | -0.18726 | -0.06798 | -0.07884 | 0.00468 |
| [yo]c + e4o Superclass | Color | 345 | 0.00886 | -0.00273 | 0.17826 | -0.00845 | -0.15537 | 0.04507 | -0.03537 | -0.02141 |
| **Balneological** | | | | | | | | | | |
| ed[yoa] | Beauty/Cleanliness/Cleanser | 5851 | 0.15032 | -0.00546 | -0.14962 | -0.07385 | 0.16943 | -0.06302 | 0.10861 | 0.01389 |
| edy | | 4981 | 0.12797 | -0.00543 | -0.15046 | -0.07960 | 0.20865 | -0.06316 | 0.08554 | 0.00446 |
| c + e4dy | | 3053 | 0.07843 | -0.00530 | -0.13764 | -0.07888 | 0.19335 | -0.06208 | 0.07884 | 0.01171 |
| c \| c[s \| fptk] + e4dy | | 1395 | 0.03584 | -0.00491 | -0.13578 | -0.07399 | 0.24428 | -0.06009 | 0.03800 | -0.00751 |
| [q \| fptk \| dlrsmg] + oi0-4[lr] | Anatomical + Case Prefixes vs. Soaking/Tea/Maceration | 1819 | 0.04673 | -0.00178 | -0.04022 | -0.06177 | 0.16678 | 0.02163 | -0.09523 | 0.01058 |
| oi4[dlrsmg \| n] | Anatomical vs. Soaking/Tea/Maceration | 1124 | 0.02888 | -0.00029 | -0.05488 | -0.04360 | 0.10100 | 0.02010 | -0.07778 | 0.05545 |
| ol[dtk] | Upper Body parts | 842 | 0.02163 | -0.00325 | -0.08756 | -0.04947 | 0.12984 | 0.01160 | -0.04369 | 0.04252 |
| **Other** | | | | | | | | | | |
| [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | Liquid Ingredients | 2060 | 0.05292 | 0.00505 | 0.07181 | -0.02983 | 0.01080 | 0.00484 | -0.03613 | -0.02655 |
| o[tk]e0-4y | Temporal? | 2042 | 0.05246 | -0.00318 | -0.05180 | 0.02813 | 0.01059 | 0.00254 | 0.03800 | -0.02428 |
| [yo]dy endings | Musculo-Skeletal + Supporting Structure | 1228 | 0.03155 | -0.00237 | 0.06166 | 0.05144 | -0.15143 | 0.05906 | -0.04350 | 0.02514 |
| [ao][lr][ao][lr] | Pipe/Flow | 843 | 0.02166 | -0.00444 | -0.11627 | 0.11892 | 0.00966 | 0.01031 | -0.02499 | 0.00681 |
| o[lr][yoa] | Pipe/Flow | 1044 | 0.02682 | -0.00275 | -0.05474 | 0.06257 | 0.03113 | 0.05271 | -0.08344 | -0.00548 |
| ai4[dlrsmg \| n] | Common Verbs | 1519 | 0.03902 | -0.00168 | -0.13884 | 0.08748 | -0.11945 | -0.02650 | 0.14380 | 0.05519 |

Table 24.1 Implications of Specific Ingredients for Preparation Method Complexity

| Usage Properties | Identification Index | Share of the Manuscript-Wide Identification Index | Best Voynich Categories | Distinct Word Count | Document Word Count | True Positive vs. False Positive Ratio | PPV Probability Difference Score |
|---|---|---|---|---|---|---|---|
| **Herbal Ingredients** | | | | | | | |
| Decoction | 28.5 | 0.30032 | #25 [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ory | 6 | 28 | 5.4:5.4 | 0.19968 |
| | | | #29 [fptk \| dlrsmg] + c \| c[s \| fptk] + e4od | 21 | 68 | 9:9.4 | 0.18881 |
| | | | #50 [fptk] + c \| c[s \| fptk] + e4o | 13 | 51 | 7:8.8 | 0.14272 |
| | | | #116 c \| c[fptk] + e4o | 11 | 228 | 12:20.2 | 0.07235 |
| | | | #140 c[fptk]e4o | 8 | 32 | 5:9 | 0.05682 |
| | | | #145 [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 45 | 445 | 19:34.6 | 0.05416 |
| | | | #183 ce4o | 4 | 160 | 8.2:16 | 0.03852 |
| | | | #194 [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 30 | 158 | 8.2:16.4 | 0.03301 |
| | | | #241 [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 49 | 503 | 18.8:40.4 | 0.01725 |
| | | | #284 [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 41 | 733 | 23:53 | 0.00231 |
| | | | #25 [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ory | 6 | 28 | 5.4:5.4 | 0.19968 |
| Decoctable Superset #1 | 59.1 | 0.62276 | #21 cecpey relatives | 6 | 21 | 3.6:0.6 | 0.23438 |
| | | | #70 cpe4y | 4 | 27 | 7:2.4 | 0.12192 |
| | | | #96 ceckey relatives | 32 | 377 | 23.6:9.4 | 0.09239 |
| | | | #43 c[fptk]e4o | 8 | 32 | 11:3 | 0.16295 |
| | | | #86 [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 30 | 158 | 17.8:6.8 | 0.10082 |
| | | | #140 [fptk] + c \| c[s \| fptk] + e4o | 13 | 51 | 10.8:5 | 0.06078 |
| | | | #200 cse4o | 4 | 205 | 30.2:15.6 | 0.03663 |
| | | | #216 [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 49 | 503 | 38.6:20.6 | 0.02927 |
| | | | #226 [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ory | 6 | 28 | 7:3.8 | 0.02539 |
| | | | #264 [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 45 | 445 | 34:19.6 | 0.01157 |
| | | | #267 c \| c[fptk] + e4o | 11 | 228 | 20.4:11.8 | 0.01078 |
| | | | #279 [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 41 | 733 | 47.8:28.2 | 0.00619 |
| Decoctable Superset #2 | 62.9 | 0.66280 | #1 cecpey relatives | 6 | 21 | 4.2:0 | 0.33720 |
| | | | #83 ceckey relatives | 32 | 377 | 25.4:7.6 | 0.10690 |
| | | | #107 cpe4y | 4 | 27 | 7:2.4 | 0.08188 |
| | | | #59 c[fptk]e4o | 8 | 32 | 11.2:2.8 | 0.13720 |
| | | | #112 [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 30 | 158 | 18.2:6.4 | 0.07704 |
| | | | #206 cse4o | 4 | 205 | 31.6:14.2 | 0.02716 |
| | | | #229 [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ory | 6 | 28 | 7.4:3.4 | 0.02239 |
| | | | #237 [fptk] + c \| c[s \| fptk] + e4o | 13 | 51 | 10.8:5 | 0.02074 |
| | | | #239 [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 49 | 503 | 40.4:18.8 | 0.01963 |
| | | | #280 [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 45 | 445 | 36:17.6 | 0.00884 |
| | | | #282 [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 41 | 733 | 51:25 | 0.00825 |
| | | | #59 c[fptk]e4o | 8 | 32 | 11.2:2.8 | 0.13720 |
| **Liquid Ingredients** | | | | | | | |
| Wine Ingredient (including consumable liquors and non-consumable subtypes like methanol) | 18.7 | 0.19705 | #37 cectey relatives | 24 | 197 | 9.8:17.4 | 0.16324 |
| | | | #55 cpe4y | 4 | 27 | 3:6.4 | 0.12210 |
| | | | #63 cke4[yo] | 12 | 26 | 2.4:5.6 | 0.10295 |
| | | | #118 cpe4[yo] | 36 | 94 | 6.6:18.8 | 0.06279 |
| Vinegar Ingredient | 9.7 | 0.10221 | ? | | | | |
| Alkaloid | 18.5 | 0.19494 | #8 cecpey relatives | 6 | 21 | 2.2:2 | 0.32887 |
| | | | #16 cpe4y | 4 | 27 | 3.8:5.6 | 0.20932 |
| | | | #18 c-sequence + e4 + [fptk] + e4 + y | 35 | 101 | 4.5:6.8 | 0.20329 |
| | | | #25 c[fp]e4y + added c-sequences | 21 | 69 | 6:10.6 | 0.16651 |
| Honey Ingredient (semi-solid?) | 19.0 | 0.20021 | #3 cecpey relatives | 6 | 21 | 3.2:1 | 0.56169 |
| Oxymel | 0.6 | 0.00632 | - | - | - | - | - |
| **Specific Recipes** | | | | | | | |
| Theriac | 8.2 | 0.08641 | - | - | - | - | - |
| Mithridate | 2.6 | 0.02740 | - | - | - | - | - |
| Single Ingredient | 3.6 | 0.03793 | - | - | - | - | - |

Table 24.2 Preparation Methods by Processing Complexity

| Usage Properties | Identification Index | Share of the Manuscript-Wide Identification Index | Best Voynich Categories | Distinct Word Count | Document Word Count | True Positive vs. False Positive Ratio | PPV Probability Difference Score |
|---|---|---|---|---|---|---|---|
| **Low Complexity** | | | | | | | |
| **Distilled Water-Tea-Infusion Sans Oil Superset (Internal)** | 47.2 | 0.49737 | #2 oi4n | 4 | 58 | 4.4:0 | 0.50263 |
| | | | #52 oi4n Superset | 79 | 257 | 22.4:12.6 | 0.14263 |
| | | | #68 oi | 111 | 304 | 23.2:14.6 | 0.11639 |
| | | | #28 ofai0-4n | 6 | 10 | 2.6:1 | 0.22485 |
| | | | #29 [yo]fai0-4n | 6 | 10 | 2.6:1 | 0.22485 |
| | | | #48 ykai0-4n | 14 | 73 | 10:5.4 | 0.15198 |
| | | | #67 otai0-4n | 21 | 430 | 19.4:12.2 | 0.11655 |
| | | | #11 cecpey relatives | 6 | 21 | 3.8:0.4 | 0.40739 |
| Distilled Water-Tea Superset | 32.2 | 0.33930 | #2 oi4n | 4 | 58 | 4.4:0 | 0.66070 |
| | | | #42 oi4n Superset | 79 | 257 | 17.4:17.6 | 0.15784 |
| | | | #68 oi | 111 | 304 | 17.4:20.4 | 0.12102 |
| | | | #9 ofai0-4n | 6 | 10 | 2.6:1 | 0.38292 |
| | | | #10 [yo]fai0-4n | 6 | 10 | 2.6:1 | 0.38292 |
| | | | #57 ytai0-4n | 4 | 59 | 2.8:3.2 | 0.12737 |
| | | | #73 ykai0-4n | 14 | 73 | 7:8.4 | 0.11525 |
| | | | #12 cecpey relatives | 6 | 21 | 2.8:1.4 | 0.32737 |
| Tea | 25.0 | 0.26344 | #2 oi4n | 4 | 58 | 4.4:0 | 0.73656 |
| | | | #32 oi4n Superset | 79 | 257 | 14.6:20.4 | 0.15370 |
| | | | #47 oi | 111 | 304 | 14.6:23.2 | 0.12280 |
| | | | #4 [yo]fai0-4n | 6 | 10 | 2.6:1 | 0.45878 |
| | | | #5 ofai0-4n | 6 | 10 | 2.6:1 | 0.45878 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | #39 ytai0-4n | 4 | 59 | 2.4:3.6 | 0.13656 |
| | | | #40 o[fptk]edai4n | 36 | 59 | 1.6:2.4 | 0.13656 |
| | | | #54 otai0-4n | 21 | 430 | 12:19.6 | 0.11631 |
| | | | #53 cecpey relatives | 6 | 21 | 1.6:2.6 | 0.11751 |
| Distilled Water | 10.0 | 0.10537 | #3 cecpey relatives | 6 | 21 | 2.2:2 | 0.41844 |
| Infusion | 31.6 | 0.33298 | #34 ykai0-4n | 14 | 73 | 7.4:8 | 0.14754 |
| | | | #11 cecpey relatives | 6 | 21 | 2.6:1.6 | 0.28607 |
| | | | #1 o[fptk]edal | 14 | 40 | 1.8:0 | 0.66702 |
| | | | #18 o[fptk]edar | 30 | 72 | 2.4:1.8 | 0.23845 |
| Maceration Infusion Superset | 31.6 | 0.33298 | #1 o[fptk]edal | 14 | 40 | 1.8:0 | 0.66702 |
| | | | #9 o[fptk]edar | 30 | 72 | 3.2:1 | 0.42892 |
| | | | #16 cecpey relatives | 6 | 21 | 2.6:1.6 | 0.28607 |
| | | | #36 [yo]doi0-4l | 16 | 22 | 4.8:5 | 0.15682 |
| | | | #56 [yo]doi0-4[ln] | 18 | 24 | 4.8:6 | 0.11146 |
| **Higher Complexity** | | | | | | | |
| Maceration | 5.0 | 0.05269 | #6 [yo]doi0-4l | 16 | 22 | 1.8:8 | 0.13098 |
| | | | #8 [yo]doi0-4[ln] | 18 | 24 | 1.8:9 | 0.11398 |
| Decoction | 28.5 | 0.30032 | #252 a-axis of [yo][fptk][ao][lr] | 218 | 1731 | 15.8:34.4 | 0.01442 |
| | | | #68 otal variants | 43 | 333 | 8.8:12.4 | 0.11477 |
| | | | #169 otar variants | 44 | 345 | 8:15.2 | 0.04451 |
| | | | #204 okal variants | 54 | 544 | 9.2:18.8 | 0.02825 |
| | | | #53 otam variants | 13 | 88 | 5:6.4 | 0.13828 |
| | | | #221 okam variants | 13 | 76 | 4.8:10 | 0.02400 |
| | | | #73 ofar variants | 17 | 25 | 1.4:2 | 0.11144 |
| | | | #162 o[fptk]ai4n | 91 | 1598 | 19:35.8 | 0.04640 |
| | | | #56 otai0-4n | 21 | 430 | 13.6:18 | 0.13006 |
| | | | #90 [yo]tai0-4n | 26 | 490 | 13.6:21.2 | 0.09048 |
| | | | #262 ykai0-4n | 14 | 73 | 4.8:10.6 | 0.01137 |
| | | | #278 okai0-4n | 35 | 994 | 11.8:26.8 | 0.00538 |
| | | | #43 o[fptk]eda[lrsm \| n] | 87 | 184 | 4.2:5 | 0.15620 |
| | | | #36 o[fptk]edar | 30 | 72 | 2:2.2 | 0.17587 |
| | | | #3 o[fptk]edam | 7 | 13 | 1.6:0.6 | 0.42695 |
| | | | #67 o[fptk]e4dy | 56 | 1444 | 8.4:11.8 | 0.11552 |
| | | | #60 ote4dy | 19 | 509 | 5.2:7 | 0.12591 |
| | | | #77 oke4dy | 35 | 933 | 7.4:10.8 | 0.10627 |
| Tincture | 22.8 | 0.24025 | #4 o[fptk]edal | 14 | 40 | 1.2:0.6 | 0.42642 |
| | | | #26 o[fptk]edar | 30 | 72 | 1.8:2.4 | 0.18832 |
| | | | #36 o[fptk]edai4n | 36 | 59 | 1.6:2.4 | 0.15975 |
| | | | #47 o[fptk]eda[lrsm \| n] | 87 | 184 | 3.4:5.8 | 0.12932 |
| | | | #43 ykai0-4n | 14 | 73 | 5.8:9.6 | 0.13637 |
| | | | #53 ote4dy | 19 | 509 | 4.2:8 | 0.10401 |
| | | | #18 cedar variants | 65 | 176 | 3.4:4 | 0.21921 |
| | | | #37 cedal variants | 54 | 127 | 4.8:7.4 | 0.15319 |
| | | | #23 te4dy | 17 | 91 | 3.6:4.6 | 0.19877 |
| Extract | 22.1 | 0.23288 | #12 [yo][fptk]e4om | 4 | 13 | 1.6:1.6 | 0.26712 |
| | | | #15 od[ao]i0-4m | 23 | 34 | 5.6:5.8 | 0.25835 |
| | | | #16 odai0-4m | 22 | 33 | 5.6:5.8 | 0.25835 |
| | | | #17 yodai0-4m | 24 | 36 | 5.6:6 | 0.24988 |
| | | | #18 [yo]d[ao]i0-4m | 25 | 37 | 5.6:6 | 0.24988 |
| | | | #19 ceam nouns | 10 | 15 | 2:2.2 | 0.24331 |
| | | | #23 okam variants | 13 | 76 | 6.8:8 | 0.22658 |
| | | | #27 cedam variants | 12 | 30 | 1.6:2 | 0.21156 |
| | | | #31 otam variants | 13 | 88 | 4.8:6.6 | 0.18817 |
| | | | #36 o[fptk \| dlrsmg][ao]m | 87 | 280 | 12.6:20 | 0.15362 |
| | | | #45 [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 12 | 54 | 5.6:9.6 | 0.13554 |
| | | | #46 om + o[fptk \| dlrsmg]am | 157 | 454 | 15.6:26.8 | 0.13504 |
| | | | #59 okom variants | 6 | 13 | 1.4:2.6 | 0.11712 |
| | | | #75 om | 75 | 203 | 10.2:20.4 | 0.10045 |

Table 24.3 Application Methods by Topical and "Dry" vs. "Wet" Distinctions

| Usage Properties | Identification Index | Share of the Manuscript-Wide Identification Index | Best Voynich Categories | Distinct Word Count | Document Word Count | True Positive vs. False Positive Ratio | PPV Probability Difference Score |
|---|---|---|---|---|---|---|---|
| **"Dry" Topical Remedies with Low Processing Complexity** | | | | | | | |
| Poultice | 39.2 | 0.41307 | #17 otor variants | 19 | 113 | 16.2:9.6 | 0.21484 |
| | | | #63 otol variants | 42 | 239 | 22.2:23 | 0.07808 |
| | | | #120 o-axis of [yo][fptk][ao][lr] | 135 | 764 | 28.6:37.8 | 0.01765 |
| Plaster | 8.6 | 0.09062 | #47 [yo]te4ol | 24 | 99 | 1.8:12.2 | 0.03795 |
| | | | #92 [yo]ke4ol | 34 | 223 | 1.8:16.4 | 0.00828 |
| | | | #12 [yo]te4od | 41 | 149 | 2.4:9.4 | 0.11277 |
| | | | #76 [yo][fptk]e4od + y | 50 | 284 | 2.4:20 | 0.01652 |
| | | | #85 [yo][fptk]e4od | 92 | 355 | 2.4:21.4 | 0.01022 |
| | | | #47 [yo]te4ol | 24 | 99 | 1.8:12.2 | 0.03795 |
| Powder | 21.1 | 0.22234 | #98 okol variants | 43 | 285 | 10.8:25.6 | 0.07436 |
| | | | #83 okal variants | 54 | 544 | 8.8:19.2 | 0.09195 |
| | | | #189 otal variants | 43 | 333 | 5.2:16 | 0.02294 |
| | | | #244 otar variants | 44 | 345 | 5.2:18 | 0.00180 |
| | | | #245 okar variants | 61 | 493 | 6:20.8 | 0.00154 |
| Patch | 3.0 | 0.03161 | #1 oo | 44 | 62 | 2:11.4 | 0.11764 |
| **Ointment-Salve-Paste Superset** | 28.1 | 0.29610 | #74 okol variants | 43 | 285 | 12.4:24 | 0.04456 |
| | | | #111 okor variants | 26 | 122 | 7.2:15.6 | 0.01969 |
| Ointment-Paste Superset | 24.7 | 0.26027 | #66 okol variants | 43 | 285 | 11.4:25 | 0.0529 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Ointment-Salve Superset | 26.1 | 0.27503 | #97 okol variants | 43 | 285 | 11:25.4 | 0.02717 |
| | | | #121 okal variants | 54 | 544 | 8:20 | 0.01068 |
| Ointment | 23.9 | 0.25184 | #67 okol variants | 43 | 285 | 11:25.4 | 0.05036 |
| | | | #127 otor variants | 19 | 113 | 6.8:19 | 0.01173 |
| | | | #144 okal variants | 54 | 544 | 7.2:20.8 | 0.00530 |
| | | | #23 ory | 50 | 108 | 8:12.8 | 0.13278 |
| Paste-Salve Superset | 11.8 | 0.12434 | #20 okor variants | 26 | 122 | 5:17.8 | 0.09496 |
| Paste | 8.4 | 0.08851 | #37 okor variants | 26 | 122 | 3.4:19.4 | 0.06061 |
| | | | #66 okol variants | 43 | 285 | 4.4:32 | 0.03237 |
| Salve | 10.4 | 0.10959 | #26 okor variants | 26 | 122 | 4.6:18.2 | 0.09216 |
| | | | #91 okol variants | 43 | 285 | 5:31.4 | 0.02777 |
| | | | #149 otol variants | 42 | 239 | 5.2:40 | 0.00545 |
| **Semi-Solid → Liquid Spectrum + Higher Processing Complexity** | | | | | | | |
| Lotion | 9.4 | 0.09905 | #25 olk | 187 | 557 | 3.4:12 | 0.12173 |
| | | | #27 ol[tk] | 234 | 621 | 4.4:15.8 | 0.11877 |
| | | | #6 osa | 42 | 66 | 2.4:5.6 | 0.20095 |
| | | | #13 osai0-4n | 17 | 34 | 1.4:4 | 0.16021 |
| | | | #14 o[tk][ao]s | 28 | 58 | 1.8:5.4 | 0.15095 |
| | | | #34 o[fptk][ao]s | 32 | 66 | 1.8:7.2 | 0.10095 |
| | | | #46 okal variants | 54 | 544 | 5:23 | 0.07952 |
| | | | #148 okar variants | 61 | 493 | 3.2:23.6 | 0.02035 |
| | | | #176 a-axis of [yo][fptk][ao][lr] | 218 | 1731 | 5.6:44.6 | 0.01250 |
| | | | #185 o-axis of [yo][fptk][ao][lr] | 135 | 764 | 7.2:59.2 | 0.00938 |
| | | | #44 okol variants | 43 | 285 | 6.6:29.8 | 0.08227 |
| | | | #223 otol variants | 42 | 239 | 4.6:40.6 | 0.00272 |
| | | | #229 otor variants | 19 | 113 | 2.6:23.2 | 0.00173 |
| | | | #197 ory | 50 | 108 | 2.2:18.6 | 0.00672 |
| Cream | 1.2 | 0.01264 | #3 olcey relative | 84 | 277 | 1.2:19 | 0.04677 |
| Liniment | 4.7 | 0.04953 | #7 ady? | 25 | 36 | 1.4:7.2 | 0.11326 |
| Gel | 2.6 | 0.02740 | - | - | - | - | - |
| **Balneological-Beautification and Other Washes** | | | | | | | |
| Moisturizer/Emollient | 11.8 | 0.12434 | #17 otal variants | 43 | 333 | 5.8:15.4 | 0.14924 |
| | | | #73 otar variants | 44 | 345 | 3.8:19.4 | 0.03945 |
| | | | #108 a-axis of [yo][fptk][ao][lr] | 218 | 1731 | 7.4:42.8 | 0.02307 |
| Face Mask | 1.4 | 0.01475 | #34 okal variants | 54 | 544 | 1.2:26.8 | 0.02811 |
| | | | #51 a-axis of [yo][fptk][ao][lr] | 218 | 1731 | 1.4:48.8 | 0.01314 |
| Soap | 5.0 | 0.05269 | c \| c[s \| fptk] + e4dy | 35 | 523 | - | - |
| | | | #1 o[fptk][dlrsmg] | 49 | 68 | 2:5.2 | 0.22509 |
| | | | #2 ytai0-4n | 4 | 59 | 1.4:4.6 | 0.18064 |
| | | | #14 ykai0-4n | 14 | 73 | 2.4:13 | 0.10315 |
| Shampoo | 6.4 | 0.06744 | #2 o[fptk]ce4[lrsmg] | 50 | 57 | 2:5.2 | 0.21034 |
| | | | #4 e4n | 11 | 13 | 1.6:5.8 | 0.14878 |
| | | | #14 otce0-4dy | 19 | 172 | 2:10 | 0.09923 |
| Bath | 8.2 | 0.08641 | o[fptk]e4dy | 56 | 165 | - | - |
| | | | #1 o[fptk][dlrsmg] | 49 | 68 | 2.8:4.4 | 0.30248 |
| Wash | 9.6 | 0.10116 | #49 c \| c[s \| fptk] + e4dy | 35 | 1395 | 4.4:19.8 | 0.08066 |
| | | | #52 cse4dy | 3 | 585 | 3.4:15.4 | 0.07969 |
| | | | #55 edy | 538 | 4981 | 5.2:24.2 | 0.07571 |
| | | | #64 ce4dy | 8 | 755 | 3.8:19 | 0.06551 |
| | | | #89 c + e4dy | 387 | 3053 | 4.4:24.2 | 0.05269 |
| | | | #3 c \| cs + e0-4d | 26 | 89 | 1.8:2.2 | 0.34884 |
| | | | #5 [yo][fptk]ce4d | 21 | 42 | 1.6:2.4 | 0.29884 |
| | | | #33 c[s \| fptk]e4dy | 9 | 622 | 4.4:16.4 | 0.11038 |
| | | | #20 [fptk] + c \| c[s \| fptk] + e4dy | 19 | 196 | 3.8:11 | 0.15560 |
| | | | #21 [dlrsmg] + c \| c[s \| fptk] + e4dy | 20 | 327 | 3.2:9.6 | 0.14884 |
| | | | #29 [tk]e4dy | 43 | 309 | 3:10.8 | 0.11623 |
| | | | #30 cedaiin variants | 64 | 189 | 3.2:11.6 | 0.11506 |
| | | | #31 cedar variants | 65 | 176 | 1.6:5.8 | 0.11506 |
| Douche | 2.0 | 0.02107 | #1 ety | 30 | 93 | 2:15 | 0.09658 |
| | | | #2 oo + oe4o | 99 | 133 | 2:19.6 | 0.07152 |
| | | | #8 otai0-4n | 21 | 430 | 2:29.6 | 0.04222 |
| | | | #20 odai0-4n | 108 | 408 | 2:49.8 | 0.01754 |
| | | | #11 oy | 77 | 141 | 2:33 | 0.03607 |
| Eye Wash | 15.6 | 0.16438 | o[fptk]$e^{0-4}$ay | 4 | 4 | 2:0 | - |
| | | | #1 oi4n | 4 | 58 | 3:1.4 | 0.51744 |
| | | | #2 cecpey relatives | 6 | 21 | 2.6:1.6 | 0.45467 |
| Compress | 6.6 | 0.06955 | #12 o[fptk][dlrsmg] | 49 | 68 | 1.6:5.6 | 0.15267 |
| | | | #8 [yo]fai0-4[rm] | 23 | 35 | 1.8:5.2 | 0.18759 |
| | | | #33 [yo]tai0-4n | 26 | 490 | 6:28.8 | 0.10286 |
| | | | #3 a[lr][fptk] | 54 | 83 | 1.8:2.8 | 0.32175 |
| | | | #29 a[dlrsmg]c | 66 | 91 | 2.4:10.8 | 0.11227 |
| | | | #5 eto | 15 | 22 | 2:5 | 0.21616 |
| | | | #26 eta | 45 | 71 | 2:8.8 | 0.11564 |
| | | | #27 et[yo] | 45 | 115 | 4:18 | 0.11227 |
| | | | #30 ety | 30 | 93 | 3:14 | 0.10692 |
| | | | #10 ef[yoa] | 33 | 33 | 1.6:5.4 | 0.15902 |
| | | | #19 ep[yoa] | 31 | 46 | 1.6:6.2 | 0.13558 |
| | | | #35 eka | 72 | 191 | 4.6:22.4 | 0.10082 |
| Perfume | 7.4 | 0.07798 | #48 et[yoa] | 90 | 186 | 3.8:23.6 | 0.06071 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | #55 ety | 30 | 93 | 2.2:14.8 | 0.05143 |
| | | | #59 et[yo] | 45 | 115 | 2.8:19.2 | 0.04929 |
| Fragrance | | | #3 ety | 30 | 93 | 7.2:9.8 | 0.28760 |
| | | | #4 et[yo] | 45 | 115 | 8.4:13.6 | 0.24589 |
| | | | #6 eto | 15 | 22 | 2.6:4.4 | 0.23550 |
| | | | #10 et[yoa] | 90 | 186 | 10:17.4 | 0.22903 |
| | | | #253 eta | 45 | 71 | 1.6:9.2 | 0.01222 |
| | | | #32 okal variants | 54 | 544 | 7.8:20.2 | 0.14264 |
| **Other Oral/Internal** | | | | | | | |
| Tonic | 12.8 | 0.13488 | #17 odcey relatives | 29 | 34 | 2.4:6 | 0.15083 |
| | | | #2 ceed + cey | 10 | 10 | 1.4:1.2 | 0.40358 |
| | | | #26 cfe4[yo] | 12 | 26 | 2:6 | 0.11512 |
| | | | #8 de-Initial | 29 | 41 | 2.8:5.2 | 0.21512 |
| Elixir | 3.2 | 0.03372 | #7 [yo][fptk]e4or | 28 | 127 | 2.2:12.8 | 0.11295 |
| | | | #2 [yo]ke4or | 19 | 96 | 2.2:9.6 | 0.15272 |
| | | | #5 ydai0-4n | 11 | 40 | 2.2:12.6 | 0.11493 |
| Expectorant | 10.0 | 0.10537 | #4 cfe4[yo] | 12 | 26 | 3:5 | 0.26940 |
| | | | #9 odcey relatives | 29 | 34 | 2.4:6 | 0.18011 |
| | | | #5 [yo][fptk]e4o | 11 | 88 | 2.4:4.4 | 0.24734 |
| | | | #6 ol + c \| cs + e4o[lr] | 18 | 34 | 1.6:3 | 0.24223 |
| Gargle | 11.6 | 0.12223 | #7 oi4n | 4 | 58 | 1.6:2.8 | 0.24141 |
| | | | #24 olk | 187 | 557 | 3.6:11.8 | 0.11154 |
| | | | #18 ef[yoa] | 33 | 33 | 2:5 | 0.16348 |
| | | | #23 ece Adjective | 43 | 69 | 2:6 | 0.12777 |
| | | | #4 cecpey relatives | 6 | 21 | 1.6:2.6 | 0.25872 |
| | | | #12 a[dlrsmg]c | 66 | 91 | 4:9.2 | 0.18080 |
| | | | #21 a[dlrsmg]am | 43 | 92 | 1.6:4.6 | 0.13583 |
| Capsule | 6.2 | 0.06533 | - | - | - | - | - |
| Injection | 4.4 | 0.04636 | - | - | - | - | - |
| **Other External** | | | | | | | |
| Satchet | 2.2 | 0.02318 | - | - | - | - | - |
| Smoked (Gaseous + Internal) | 5.0 | 0.05269 | #1 a[lr]an | 25 | 56 | 1.4:4.6 | 0.18064 |
| | | | #4 [fptk]ai4[lr] | 14 | 190 | 3.6:13.8 | 0.15421 |
| Burnt (Gaseous + External Repellent) | 2.0 | 0.02107 | #3 o[tk][ao]s | 28 | 58 | 1.2:6 | 0.14560 |
| | | | #8 o[fptk][ao]s | 32 | 66 | 1.2:7.8 | 0.11226 |
| | | | #1 ef[yoa] | 33 | 33 | 1.8:5.2 | 0.23607 |
| | | | #2 [yo]e4[fp] | 23 | 23 | 1.8:5.6 | 0.22217 |
| | | | #6 e[fp][yoa] | 64 | 79 | 1.8:10.4 | 0.12647 |
| | | | | | | | |
| Repellent | 13.0 | 0.13699 | #1 okas variants | 7 | 12 | 1.6:0 | 0.86301 |
| | | | #12 o[tk][ao]s | 28 | 58 | 2.6:4.6 | 0.22412 |
| | | | #22 osai0-4n | 17 | 34 | 1.6:3.8 | 0.15931 |
| | | | #25 o[fptk][ao]s | 32 | 66 | 2.6:6.4 | 0.15190 |
| Insectivore | 1.6 | 0.01686 | #14 [tk]e4o | 66 | 206 | 1.6:30.8 | 0.03252 |
| Parasitic Plant | 1.0 | 0.01054 | #1 ofod variants | 4 | 4 | 0.600:0.600 | 0.48946 |

Table 24.4 Application Method Supersets by Anatomical Targets and Matter Consistency

| Usage Properties | Identification Index | Share of the Manuscript-Wide Identification Index | Best Voynich Categories | Distinct Word Count | Document Word Count | True Positive vs. False Positive Ratio | PPV Probability Difference Score |
|---|---|---|---|---|---|---|---|
| **Broad Types** | | | | | | | |
| vs. Topical | vs. 82.3 | vs, 0.86723 | #1 ea | 465 | 1195 | - | - |
| | | | #2 ce4a | 350 | 1009 | - | - |
| | | | #3 [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 55 | 809 | - | - |
| | | | #15 oi | 111 | 304 | - | - |
| | | | #18 oi4n Superset | 79 | 257 | - | - |
| | | | #48 oi4n | 4 | 58 | - | - |
| | | | #41 e[fp][yoa] | 64 | 79 | - | - |
| | | | #59 odcey relatives | 29 | 34 | - | - |
| | | | #4 o[lr][oa] | 337 | 735 | - | - |
| | | | #6 o[lr]a | 190 | 469 | - | - |
| | | | #7 or[yoa] | 198 | 438 | - | - |
| | | | #8 ol[oa] | 187 | 401 | - | - |
| | | | #12 or[oa] | 156 | 340 | - | - |
| | | | #27 olo | 97 | 175 | - | - |
| | | | #20 ora | 98 | 241 | - | - |
| | | | #30 orai0-4n | 40 | 135 | - | - |
| | | | #24 om | 75 | 203 | - | - |
| | | | #43 ceam variants | 32 | 76 | - | - |
| | | | #51 [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 12 | 54 | - | - |
| | | | #65 ce4g | 21 | 27 | - | - |
| | | | #81 or[fptk \| dlrsmg] | 12 | 13 | - | - |
| | | | #86 ay polygraph (other) | 10 | 10 | - | - |
| Internal | 41.2 | 0.43414 | #26 odcey relatives | 29 | 34 | 5.4:3 | 0.20872 |
| | | | #27 e[fp][yoa] | 64 | 79 | 7.8:4.4 | 0.20520 |
| | | | #32 [yo][fptk]e4o | 11 | 88 | 4.2:2.6 | 0.18351 |
| | | | #46 [yo]te4o | 10 | 49 | 3.2:2.6 | 0.11758 |
| | | | #18 orai0-4n | 40 | 135 | 9.2:4.4 | 0.24233 |
| Oral | 6.0 | 0.06322 | #6 ef[yoa] | 33 | 33 | 1.2:5.8 | 0.10821 |
| | | | #1 [yo][fptk]e4o | 11 | 88 | 2:4.8 | 0.23090 |
| | | | #2 [yo]ke4o | 13 | 89 | 1.6:5.4 | 0.16535 |
| | | | #5 [yo]ke4ol | 34 | 223 | 3.4:14.8 | 0.12359 |
| **Liquid vs. Solid Consistency** | | | | | | | |
| Liquid Superset | 62.6 | 0.65964 | #93 a-axis of [yo][fptk][ao][lr] | 218 | 1731 | 38.6:7.8 | 0.17226 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | #143 okal variants | 54 | 544 | 20.6:5.4 | 0.13267 |
| | | | #186 okar variants | 61 | 493 | 20.6:6.2 | 0.10902 |
| | | | #104 otal variants | 43 | 333 | 16.6:3.6 | 0.16214 |
| | | | #273 otar variants | 44 | 345 | 16.4:6 | 0.07250 |
| | | | #231 o[fptk]ai4n | 91 | 1598 | 38.8:13.2 | 0.08651 |
| Liquid/Semi-Solid Superset | 70.4 | 0.74183 | #156 a-axis of [yo][fptk][ao][lr] | 218 | 1731 | 40.2:6.2 | 0.12455 |
| | | | #174 okal variants | 54 | 544 | 22.2:3.8 | 0.11202 |
| | | | #241 okar variants | 61 | 493 | 22.2:4.6 | 0.08653 |
| | | | #147 otal variants | 43 | 333 | 17.6:2.6 | 0.12946 |
| | | | #334 otar variants | 44 | 345 | 18:4.4 | 0.06174 |
| | | | #190 o[fptk]ai4n | 91 | 1598 | 44:8 | 0.10432 |
| | | | #125 okol variants | 43 | 285 | 29.6:4 | 0.13912 |
| | | | #157 otol variants | 42 | 239 | 37.6:5.8 | 0.12453 |
| | | | #215 otor variants | 19 | 113 | 21.6:4.2 | 0.09538 |
| | | | #225 o-axis of [yo][fptk][ao][lr] | 135 | 764 | 53:10.6 | 0.09150 |
| Solid/Semi-Solid Superset | 54.8 | 0.57745 | #205 o-axis of [yo][fptk][ao][lr] | 135 | 764 | 21.6:42 | 0.00664 |
| | | | #106 okol variants | 43 | 285 | 22.8:10.8 | 0.10112 |
| | | | #184 otor variants | 19 | 113 | 16.2:9.6 | 0.05046 |
| | | | #254 otol variants | 42 | 239 | 26.2:17.2 | 0.02624 |
| | | | #313 okor variants | 26 | 122 | 13.2:9.6 | 0.00150 |
| Semi-Solid Superset | 31.6 | 0.33298 | #214 o-axis of [yo][fptk][ao][lr] | 135 | 764 | 39.2:24.4 | 0.03890 |
| | | | #67 okol variants | 43 | 285 | 14.2:19.4 | 0.08964 |
| | | | #144 okor variants | 26 | 122 | 8.2:14.6 | 0.02667 |
| | | | #163 otol variants | 42 | 239 | 15.4:28 | 0.02186 |
| | | | #228 otor variants | 19 | 113 | 8.6:17.2 | 0.00035 |
| Solid Superset | 46.2 | 0.48683 | #213 o-axis of [yo][fptk][ao][lr] | 135 | 764 | 32:31.6 | 0.01631 |
| | | | #108 otor variants | 19 | 113 | 14.6:11.2 | 0.07906 |
| | | | #143 okol variants | 43 | 285 | 18:15.6 | 0.04888 |
| | | | #263 otol variants | 42 | 239 | 21.2:22.2 | 0.00165 |

Table 24.5 Mappings of Pharmacological Phytomorphs to Canisters

| **f88r** | **Complex ?** | **Top Shape** | **Stage #** | **Top Color** | **Pedestal Bottoms** | |
|---|---|---|---|---|---|---|
| **Canister #1 f88r (otor ceety)**<br>Red → Green → Green → Red → Red → Red | Ornate | Flat | 6 | Green | Yes | f88r Line 1 #1 (osal), f88r Line 1 #2 (orald), f88r Line 1 #3 (oldar), f88r Line 1 #4 (ototy), f88r Line 1 #5 (otaly) |
| **Canister #2 f88r (otaldy)**<br>Green → Green → Red → Red → Green | | Pointed | 5 | | | f88r Line 2 #1 (orag), f88r Line 2 #2 (dary), f88r Line 2 #3 (okol), f88r Line 2 #4 (sorory), f88r Line 2 #5 (otydy) |
| **Canister #3 f88r (ofyskydal)**<br>Green → Green → Red → Red → Green | | | | Green | Yes (flat) | f88r Line 3 #1 (otosag), **f88r Line 3 #2 Lupine? (ofaldo)** |
| ? | | | | | | f88r Line 4 #1 |
| **f88v** | | | | | | |
| **Canister #4 f88v (okolyd)**<br>4 Red → Green | Ornate | Pointed | 5 | Yellow Nozzle | Yes | f88v Line 1 #1 (ceeoctey), f88v Line 1 #2 (cpeeor), f88v Line 1 #3 (otar arody), **f88v Line 1 #4 (otokol)** |
| **Canister #5 f88v (otor am)**<br>2 Red → Yellow | | | 3 | | | **f88v Line 2 #1 (otory),** f88v Line 2 #2 (ceeos dy), f88v Line 2 #3 (okaiiin) |
| **Canister #6 f88v (daram dal)**<br>Green → 4 Red? | | | 5 | Red Nozzle | | **f88v Line 3 #1 (otydary),** f88v Line 3 #2 (otdory), **f88v Line 3 #3 (darar g am)** |
| **f89r1** | | | | | | |
| **Canister #7 f89r1 (okcecsey)**<br>Yellow/Red Alternating | Ornate | Pointed | 6? | Yellow Nozzle | Yes | f89r1 Line 1 #1 (qkol), f89r1 Line 1 #2 (oldag), f89r1 Line 1 #3 (otoldy), f89r1 Line 1 #4 (arar ceodaiin) |
| **Canister #8 f89r1 (ykyd)**<br>Round Red → Yellow Bulb | | | 2 | | Yes (flat) | f89r1 Line 2 #1 (ceol cees), f89r1 Line 2 #2 (otorain), f89r1 Line 2 #3 (okaiin dan) |
| **Canister #9 f89r1 (yko cfey)**<br>Green → Yellow bottom → Red → Yellow → Green Ring → Bauble → Green/Red/Yellow Stem | | | 5? | | | f89r1 Line 3 #1 (saldam), f89r1 Line 3 #2 (sydarary), f89r1 Line 3 #3 (ydcpody) |
| **f89r2** | | | | | | |
| **Canister #10 f89r2 (odory)**<br>Green → Green/Red Horizontal Stripes | Ornate | Pointed | 4? | Green Nozzle | Yes (flat) | f89r2 Line 1 #1 (doly), f89r2 Line 1 #2 (ofceor am), f89r2 Line 1 #3 (sal oiin cseol), f89r2 Line 1 #4 (ofceeor) |
| **Canister #11 f89r2 (otoldy)**<br>Green → Vertical Striated → Green → Yellow? | | | 4? | | Yes | **f89r2 Line 2 #1 (otol cseol dy),** f89r2 Line 2 #2 (ofcear oiin) |
| **Canister #12 f89r2 (korain y)**<br>Green → Green → Yellow/Red Horizontal Striations → Green → Green → Bulb Shape | | | 6? | Yellow Nozzle | | f89r2 Line 3 #1 (sodar), f89r2 Line 3 #2 (ceey s), f89r2 Line 3 #3 (ceeody), f89r2 Line 3 #4 (ofor ain), f89r2 Line 3 #5 (okcsed ceos), f89r2 Line 3 #6 |
| **Canister #13 f89r2 (okain y orain)**<br>Green → Green → Vertical Striated → Yellow neck | | | 4 | Green Nozzle | Yes (flat) | f89r2 Line 4 #1 (ofakal), f89r2 Line 4 #2 (otal sy), f89r2 Line 4 #3 (ytas am), f89r2 Line 4 #4 (otolarol) |
| **f89v2** | | | | | | |
| **Canister #14 f89v2 (ceocedy)**<br>Green → Blue → Yellow → Green → Green | Ornate | Pointed | 5 | Yellow Nozzle | Yes | f89v2 Line 1 #1 (okaiil), **f89v2 Line 1 #2 (dar ceeos), f89v2 Line 1 #3 (ceokaro), f89v2 Line 1 #4 (cseeol), f89v2 Line 1 #5 (ceokam)** |
| **Canister #15 f89v2 (okory)**<br>4 Blue-Yellow Alternations | | | 8 | | Yes (flat) | f89v2 Line 2 #1 (otair ceody), f89v2 Line 2 #2 (dykaran), f89v2 Line 2 #3 (opceedey) |
| **Canister #16 f89v2 (opal oiiir y)**<br>Yellow → Green → Blue → Yellow | | | 4 | | Yes | f89v2 Line 3 #1 (otor am), f89v2 Line 3 #2 (cetcey), f89v2 Line 3 #3 (odg oky sad oy), f89v2 Line 3 #4 (dair okoy) |
| **f89v1** | | | | | | |
| **Canister #17 f89v1 (okor aldy)**<br>3 Green → Yellow | Ornate | Pointed | 4 | Yellow Nozzle | Yes (flat) | f89v1 Line 1 #1 (otockey), f89v1 Line 1 #2 (otceair), f89v1 Line 1 #3 (dar cseody) |
| **Canister #18 f89v1 (koeeorair)**<br>Green → Blue → Green & Yellow Taper → Blue → Blue → Green | | | 6 | | Yes | f89v1 #4 (otos cseos), f89v1 #5 (opol olaiin), f89v1 #6 (opal daiin) |
| **f99r** | | | | | | |
| **Canister #19 f99r (okar am og)**<br>Red | Plain | Flat | 2 | Olive Green | No | f99r #1 (okary), f99r #2 (darar), f99r #3 (oky), f99r #4 (daly), f99r #5 (oroair), f99r #6 (okor), f99r #7 (salol), f99r #8 (skeeal), f99r #9 (okary), f99r #10 (okolo), f99r #11 (otalag), f99r #12 (otaldy) |
| **Canister #20 f99r (opasal)**<br>Red | | | 2 | | | f99r #13 (oaso), f99r #14 (aloly), f99r #15 (oarar), f99r #16 Mushroom Candidate (oeoky), f99r #17 (oky), f99r #18 (okeoly yteold), f99r #19 (oeeotoey) |

| | | | | | | |
|---|---|---|---|---|---|---|
| **Canister #21 f99r (toseoldy)**<br>Red | | | 2 | | Yes | f99r #20 (okos), f99r #21 (oekey), f99r #22 (dar), f99r #23 Mushroom Candidate (oeockeey), f99r #24 (sceey et saiiiny), f99r #25 (sary), f99r #26 (dag) |
| **Canister #22 f99r (yteoldy)**<br>Red | | | 2 | | No | f99r #27 Black Bryony #2 (tols asy) |
| **f99v** | | | | | | |
| **Canister #23 f99v (okaragy)**<br>Red | Ornate | Flat | 4 | Blue | No | f99v #1 like Lupinus Albus (otoldy), f99v #2 (otor cey), f99v #3 (oldy), f99v #4 (das asy), f99v #5 (otaly), f99v #6 (olsy), f99v #7 (arol), f99v #8 (otoky) |
| **Canister #24 f99v (okoldody)**<br>Red | Plain | | 2 | | Yes | f99v #9 RWB like Lupinus Albus (oeees ary), f99v #10 (daiiino), f99v #11 (dary), f99v #12 (saiiino), f99v #13 (otolsar), f99v #14 (osary) |
| **Canister #25 f99v (darol aly)**<br>Red | | | 2 | | No | f99v #15 (okecey otal), f99v #16 4-Legged (ceor olekor), f99v #17 (okeodor), f99v #18 (olky), f99v #19 (doldam) |
| **Canister #26 f99v (oralar)**<br>Red | | | 2 | | | f99v #20 Bladderwort **(koleearol)** |
| **f100r** | | | | | | |
| **Canister #27 f100r (ceos ar ocseol)**<br>Red | Plain | Flat | 2 | Yellow | No | **f100r #1 (soceor cfey),** f100r #2 (otear), **f100r #3 (ceofary),** f100r #4 (sarcear), f100r #5 (daiiin dy), f100r #6 (oraro), f100r #7 (ceal sain), f100r #8 (soity), f100r #9 (sosam), f100r #10 (dakocke) |
| **Canister #28 f100r (cseockeey)**<br>Red | | | 3 | | | f100r #11 (dofam), f100r #12 (okeeos), f100r #13 (orol), f100r #14 Gourd Candidate (ol ceom), f100r #15 (okols), f100r #16 Mugwort Variety? (oteol) |
| **f100v** | | | | | | |
| **Canister #29 f100v**<br>White → Red → Blue | Plain | Flat | 3 | Yellow | | f100v #1 (tolced), f100v #2 (ceols), f100v #3 (opoeor), f100v #4 (solsy), f100v #5 Viper's Tongue (soleeesos), f100v #6 (ykceocedy)<br>f100v #7 Resembles a Philodendron (ykcedy), f100v #8 (dcedy)<br>f100v #9 Broccoli? (dalsy), f100v #10 (okceeor), f100v #11 (ytceol)<br>f100v #12 Pine? (dykceal), f100v #13 Pine? (ceos ctearal) |
| **f101r1** | | | | | | |
| **Canister #30 f101r1**<br>White → Blue | Plain | Flat | 2 | Yellow | No | f101r1 #1-10 |
| **Canister #31 f101r1**<br>White → Blue → White | | | 3 | | | f101r1 #11 Pine, f101r1 #12-19 |
| **Canister #32 f101r1**<br>White | | | 2 | | | f101r1 #20-29 |
| **f101v2** | | | | | | |
| **Canister #33 f101v2**<br>Red → Blue | Plain | Flat | 2 | Yellow | No | f101v2 #1 (rair aly), f101v2 #2 (otaldy), f101v2 #3 (otal), f101v2 #4 (yta*y), f101v1 #1 (dokor), f101v1 #2 (orar), f101v1 #3 (otarar), f101v1 #4 (otoly), f101v1 #5 (soraly) |
| **Canister #34 f101v2**<br>Red → Blue → Green | | | 3 | | | f101v2 #5 (okol), f101v2 #6 (aroj), f101v2 #7 (oras am), f101v2 #8<br>f101v1 #6 (dytoly), f101v1 #7 (olkor), f101v1 #8 (dolary), f101v1 #9 (odor), f101v1 #10 (olaran) |
| **Canister #35 f101v2**<br>Red → Blue | | | 2 | | | f101v2 #9 Pine Candidate #3, f101v2 #10-13, f101v1 #11-15 |
| **f102r1** | | | | | | |
| **Canister #36 f102r1 (dolrod)**<br>Red | Plain | Flat | 2 | Bluish-Green? | No | f102r1 #1 Capparis Spinosa? **(otodeeodor)** |
| **Canister #37 f102r1 (okolaly)**<br>Red → Shaded Red | | | 2 | | | f102r1 #2 Water Hemlock Dropwort (or Parsnips) |
| **Canister #38 f102r1 (doaro cse)**<br>Red | | | 2 | | | f102r1 #3 European Aspen, f102r1 #4 Variety of Nightshade (leledy doto) |
| **f102r2** | | | | | | |
| **Canister #39 f102r2 (*odaiig)**<br>Red → Shaded Red | Plain | Flat | 2 | Light Green | No | f102r2 #1 Lungwort, f102r2 #2 Tormentil |
| **Canister #40 f102r2 (*****d)**<br>Green → Red | | | 2 | | Yes | f102r2 #3-7 |
| **Canister #41 f102r2 (do* toldy y*e***al r***la**g*)**<br>Green → Red | | | 2 | | No | f102r2 #8 Agrimony **(koldarod),** f102r2 #9 (odalyda*y) |
| **f102v2** | | | | | | |
| **Canister #42 f102v2 Top (porcseols)**<br>**Canister #42 f102v2 Bottom (doaijy)**<br>White → Dark Blue Taper → White → Dark Blue | Ornate | Flat | 4 | Yellow | Yes | f102v2 #1 (orar), **f102v2 #2 (cseor),** f102v2 #3 (dacey), f102v2 #4 Blue Vitriol (Copper Sulfate) (okeos), f102v2 #5 (otol), f102v2 #6 (otosy), f102v2 #7 (okad), f102v2 #8 (otody), f102v2 #9 (oeeor), f102v2 #10 (okoroeey), f102v2 #11 Pine? (opcey), f102v2 #12 (darol), f102v2 #13 (olsodar), f102v2 #14 (tod) |
| **Canister #43 f102v2 (okolky)**<br>Blue | | | 4 | | | f102v2 #15 (osair), f102v2 #16 (acky), f102v2 #17 (okeeoraiiin), f102v2 #18 **(okockey),** f102v2 #19 (o**) |
| **f102v1** | | | | | | |
| **Canister #44 f102v1 (keoraiin)**<br>Red Taper → Blue → Red Taper → Blue → Red | Ornate | Flat | 5 | Blue | Yes | f102v1 #1 (ykeody), f102v1 #2 "Syringes" Ipomoea indica? (okeody), f102v1 #3 (daisaly), f102v1 #4 (ypory), f102v1 #5 (opceytoy) |
| **Canister #45 f102v1 (***o**)**<br>Blue → Blue → Red → Blue | | | 4 | Red | No | f102v1 #6 (ypceoldy), f102v1 #8 (opcedard), f102v1 #7 Valerian Composite (losalody) |

Table 24.6 Remedy/Solution Hierarchy Types and Distribution of Herbal Ingredients in the Pharmacopeia

| Folio | Canister Type | Plant Type | ceo | ceol | ceor | ceos | ceod | ceody | ceom | oko[lr] | oto[lr] | oka[lr] | ota[lr] | o[fptk]ai$^{d/-a}$n | oi$^{d/-a}$n |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **f88r** | Ornate/Apex | Mixed | 0 | 20 | 9 | 1 | 0 | 2 | 5 | 12 | 1 | 1 | 2 | 1 | 0 |
| **f88v** | Ornate/Apex | Mixed | 3 | 3 | 10 | 2 | 0 | 8 | 0 | 3 | 3 | 2 | 1 | 1 | 1 |
| **f89r1** | Ornate/Apex | Mixed | 1 | 11 | 1 | 2 | 0 | 8 | 3 | 1 | 3 | 2 | 0 | 2 | 1 |
| **f89r2** | Ornate/Apex | Mixed | 5 | 14 | 10 | 3 | 0 | 4 | 0 | 4 | 6 | 1 | 1 | 1 | 7 |
| **f89v2** | Ornate/Apex | Mixed | 3 | 4 | 5 | 5 | 0 | 4 | 1 | 6 | 2 | 8 | 2 | 4 | 2 |
| **f89v1** | Ornate/Apex | Mixed | 0 | 7 | 6 | 2 | 0 | 7 | 0 | 10 | 0 | 5 | 3 | 4 | 1 |
| f99r Black Bryony | Simple/Flat | Roots | 1 | 19 | 9 | 0 | 0 | 4 | 1 | 9 | 2 | 4 | 2 | 0 | 1 |
| f99v Bladderwort | Simple/Flat | Roots | 0 | 8 | 1 | 0 | 0 | 2 | 0 | 23 | 5 | 2 | 3 | 2 | 4 |
| f100r Leaf Cuttings? | Simple/Flat | Leaf | 2 | 20 | 8 | 2 | 1 | 2 | 1 | 1 | 1 | 0 | 1 | 0 | 1 |
| f100v Including Viper's Tongue | Simple/Flat | Leaf | 2 | 4 | 4 | 1 | 2 | 1 | 0 | 2 | 2 | 1 | 0 | 0 | 0 |
| f101r1 | Simple/Flat | Leaf | 7 | 22 | 7 | 1 | 0 | 3 | 1 | 5 | 3 | 1 | 0 | 2 | 2 |
| f101v2 Spanning Page | Simple/Flat | Leaf | 5 | 15 | 7 | 0 | 0 | 4 | 0 | 4 | 1 | 2 | 3 | 0 | 2 |
| f101v1 All Horizontal Roots, Many Aristate | Simple/Flat | Leaf | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 1 | 0 | 0 |
| f102r1 Musculo-Skeletal Meds (or Sinister Cosmetics) | Simple/Flat | Mixed | 2 | 6 | 0 | 1 | 0 | 2 | 0 | 3 | 2 | 0 | 0 | 0 | 1 |
| f102r2 Tormentil-Lungwort-Agrimony (Burn Remedies?) | Simple/Flat | Mixed + 1 Line Root | 2 | 6 | 1 | 0 | 0 | 4 | 0 | 5 | 0 | 0 | 0 | 0 | 2 |
| **f102v2 Leaf Cuttings?** | Ornate/Flat | Leaf + 1 Line Mixed | 6 | 4 | 9 | 5 | 0 | 2 | 0 | 4 | 1 | 1 | 0 | 2 | 3 |
| **f102v1 Valerian + Other Prominent Roots, Trunks** | Ornate/Flat | Mixed | 4 | 10 | 4 | 0 | 0 | 5 | 0 | 1 | 0 | 1 | 0 | 0 | 4 |

Table 24.7 Problem/Disease Hierarchy Topics in the Pharmacopeia

| Folio | ol[fptk] | old | ols | om | os | ody Disorders | ody | od | Burn | Toxin | oy | Eruptive | o[fptk]ceol | o[fptk]ceor | Color | Cosmetic |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| f88r | 2 | 5 | 0 | 4 | 5 | 1 | 3 | 1 | 0 | 1 | 2 | 1 | 1 | 0 | 2 | 0 |
| f88v | 0 | 1 | 0 | 3 | 3 | 2 | 14 | 2 | 0 | 0 | 3 | 2 | 0 | 0 | 3 | 0 |
| f89r1 | 0 | 3 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| f89r2 | 3 | 9 | 0 | 2 | 7 | 1 | 5 | 0 | 1 | 1 | 4 | 0 | 2 | 3 | 1 | 0 |
| f89v2 | 0 | 0 | 1 | 4 | 11 | 1 | 5 | 0 | 1 | 0 | 4 | 0 | 0 | 0 | 3 | 1 |
| f89v1 | 1 | 3 | 2 | 1 | 4 | 1 | 1 | 0 | 3 | 2 | 3 | 2 | 3 | 0 | 5 | 0 |
| f99r Black Bryony | 0 | 6 | 5 | 0 | 2 | 0 | 2 | 0 | 1 | 0 | 1 | 2 | 2 | 1 | 1 | 0 |
| f99v Bladderwort | 5 | 11 | 4 | 2 | 4 | 0 | 3 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 2 | 0 |
| f100r Leaf Cuttings? | 0 | 1 | 2 | 2 | 5 | 2 | 4 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 0 |
| f100v Including Viper's Tongue | 2 | 0 | 4 | 1 | 4 | 0 | 1 | 2 | 1 | 0 | 2 | 0 | 1 | 2 | 2 | 1 |
| f101r1 | 1 | 1 | 0 | 0 | 2 | 1 | 2 | 1 | 2 | 0 | 0 | 5 | 2 | 1 | 4 | 0 |
| f101v2 Spanning Page | 0 | 4 | 0 | 2 | 1 | 0 | 8 | 2 | 1 | 0 | 2 | 1 | 1 | 0 | 4 | 0 |
| f101v1 All Horizontal Roots, Many Aristate | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| f102r1 Musculo-Skeletal Meds (or Sinister Cosmetics) | 0 | 5 | 0 | 1 | 2 | 0 | 8 | 1 | 1 | 0 | 2 | 2 | 0 | 0 | 1 | 1 |
| f102r2 Tormentil-Lungwort-Agrimony (Burn Remedies?) | 1 | 3 | 0 | 0 | 3 | 0 | 8 | 5 | 3 | 1 | 2 | 1 | 0 | 0 | 2 | 0 |
| f102v2 Leaf Cuttings? | 1 | 1 | 2 | 0 | 16 | 0 | 5 | 3 | 0 | 1 | 4 | 1 | 0 | 0 | 2 | 0 |
| f102v1 Valerian + Other Prominent Roots, Trunks | 1 | 1 | 0 | 1 | 5 | 2 | 11 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 3 | 0 |

Table 24.8: Word Category Affinity Scores for Root-Based Subsections of the Pharmacopeia

| | | Counts | | | Subsection | | | | Differences | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # | Category | Words | Distinct | Section Affinity Score4 | 1 | 2 | 3 | 4 | f99r-v vs. Other Root Pages | f99r vs. Leaf Pages | Other Root Pages vs. Leaf Pages | Root-Leaf |
| 1 | y c[fptk]e4y | 5 | 4 | 0.33456 | 0.19059 | 0.16306 | 0.35365 | -0.01674 | 0.02752 | 0.20732 | 0.17980 | 0.37039 |
| 2 | ofol variants | 9 | 8 | 0.26789 | 0.10170 | 0.18529 | 0.28698 | -0.01674 | -0.08359 | 0.11844 | 0.20202 | 0.30372 |
| 3 | [yo]e4[fp] | 26 | 25 | 0.16533 | 0.02905 | 0.15537 | 0.18442 | -0.01674 | -0.12632 | 0.04579 | 0.17211 | 0.20116 |
| **4** | **olol variants** | **284** | **62** | **0.18104** | **0.08214** | **0.09334** | **0.17548** | **0.00439** | **-0.01121** | **0.07775** | **0.08895** | **0.17109** |
| **5** | **cfeo-initial** | **15** | **9** | **0.13456** | **0.05725** | **0.09640** | **0.15365** | **-0.01674** | **-0.03914** | **0.07399** | **0.11313** | **0.17039** |
| 6 | oe0-4[fp]oe0-4[lr] | 66 | 41 | 0.16183 | 0.00574 | 0.16003 | 0.16577 | -0.00159 | -0.15429 | 0.00732 | 0.16162 | 0.16736 |
| **7** | **old** | **231** | **120** | **0.14668** | **0.05985** | **0.08427** | **0.14413** | **0.00491** | **-0.02442** | **0.05494** | **0.07937** | **0.13922** |
| 8 | [yo]doi0-4r | 24 | 15 | 0.18456 | 0.03225 | 0.12973 | 0.16198 | 0.02493 | -0.09748 | 0.00732 | 0.10480 | 0.13705 |
| 9 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 48 | 12 | 0.14289 | 0.01142 | 0.12973 | 0.14115 | 0.00410 | -0.11831 | 0.00732 | 0.12563 | 0.13705 |
| **10** | **cke4y** | **87** | **5** | **0.16445** | **0.07105** | **0.07801** | **0.14905** | **0.01775** | **-0.00696** | **0.05330** | **0.06026** | **0.13131** |
| 11 | [yo]ke4ol | 214 | 37 | 0.31774 | 0.11208 | 0.09390 | 0.20599 | 0.07672 | 0.01818 | 0.03536 | 0.01718 | 0.12927 |
| 12 | eko | 38 | 28 | 0.09245 | 0.01690 | 0.09464 | 0.11154 | -0.01674 | -0.07774 | 0.03364 | 0.11138 | 0.12828 |
| **13** | **ckeo-initial** | **77** | **26** | **0.14235** | **0.09448** | **0.02800** | **0.12248** | **-0.00375** | **0.06649** | **0.09823** | **0.03175** | **0.12623** |
| **14** | **ol[ds]** | **323** | **176** | **0.15128** | **0.06799** | **0.06213** | **0.13012** | **0.01113** | **0.00585** | **0.05686** | **0.05101** | **0.11899** |
| 15 | [yo]doi0-4[lrm \| n] | 51 | 36 | 0.15025 | 0.02980 | 0.10032 | 0.13012 | 0.02248 | -0.07051 | 0.00732 | 0.07784 | 0.10764 |
| 16 | [yo]c[fptk]e4y | 284 | 98 | 0.15639 | 0.02580 | 0.10039 | 0.12619 | 0.02200 | -0.07459 | 0.00380 | 0.07839 | 0.10419 |
| 17 | [yo]e0-4do + e4\|i4 + [drn] & cedody | 38 | 29 | 0.11877 | 0.01690 | 0.09464 | 0.11154 | 0.00958 | -0.07774 | 0.00732 | 0.08506 | 0.10197 |
| 18 | [yo]doi0-4[lr] | 46 | 31 | 0.15195 | 0.03407 | 0.09350 | 0.12756 | 0.02674 | -0.05943 | 0.00732 | 0.06676 | 0.10082 |
| 19 | oc[fptk]e4y | 279 | 94 | 0.15320 | 0.02285 | 0.09926 | 0.12211 | 0.02269 | -0.07642 | 0.00016 | 0.07657 | 0.09942 |
| 20 | [yo][fptk]e4ol | 310 | 62 | 0.25392 | 0.08091 | 0.08242 | 0.16333 | 0.06713 | -0.00151 | 0.01378 | 0.01528 | 0.09619 |
| 21 | [yo]doi0-4[ln] | 24 | 18 | 0.14289 | 0.03225 | 0.08806 | 0.12032 | 0.02493 | -0.05581 | 0.00732 | 0.06313 | 0.09539 |
| 22 | oc[s \| fptk]e4y | 311 | 113 | 0.13392 | 0.02274 | 0.08525 | 0.10799 | 0.01863 | -0.06251 | 0.00411 | 0.06662 | 0.08936 |
| 23 | [yo]c[s \| fptk]e4y | 346 | 126 | 0.11953 | 0.02238 | 0.07578 | 0.09816 | 0.01506 | -0.05340 | 0.00732 | 0.06072 | 0.08310 |
| 24 | oce4y + infixed versions | 369 | 146 | 0.11342 | 0.01769 | 0.07688 | 0.09457 | 0.01307 | -0.05920 | 0.00461 | 0.06381 | 0.08150 |
| 25 | [yo]ke4o | 81 | 14 | 0.11975 | 0.05232 | 0.04948 | 0.10180 | 0.02030 | 0.00283 | 0.03202 | 0.02918 | 0.08150 |
| 26 | e[tk]o | 64 | 48 | 0.04394 | 0.00621 | 0.05681 | 0.06303 | -0.01674 | -0.05060 | 0.02295 | 0.07355 | 0.07976 |
| 27 | do | 371 | 107 | 0.12054 | 0.02024 | 0.08166 | 0.10190 | 0.02369 | -0.06142 | -0.00346 | 0.05797 | 0.07820 |
| 28 | ko | 172 | 78 | 0.08572 | 0.00803 | 0.07353 | 0.08156 | 0.00652 | -0.06550 | 0.00151 | 0.06701 | 0.07504 |
| 29 | ory | 97 | 48 | 0.08920 | 0.02152 | 0.05585 | 0.07736 | 0.00388 | -0.03433 | 0.01763 | 0.05196 | 0.07348 |
| 30 | odo | 68 | 52 | 0.09632 | 0.02000 | 0.06600 | 0.08600 | 0.01268 | -0.04601 | 0.00732 | 0.05333 | 0.07333 |
| **31** | **oo** | **88** | **70** | **0.10501** | **0.00195** | **0.07670** | **0.07865** | **0.00599** | **-0.07475** | **-0.00404** | **0.07071** | **0.07266** |
| 32 | [yo]ke4o[lr] | 306 | 57 | 0.29404 | 0.08863 | 0.08071 | 0.16934 | 0.09764 | 0.00792 | -0.00902 | -0.01693 | 0.07169 |
| 33 | ai0-4[dlrsmg][dlrsmg] | 303 | 209 | 0.05007 | 0.00049 | 0.05877 | 0.05926 | -0.01014 | -0.05828 | 0.01062 | 0.06891 | 0.06940 |
| 34 | ols | 92 | 56 | 0.16282 | 0.08841 | 0.00654 | 0.09495 | 0.02674 | 0.08187 | 0.06167 | -0.02020 | 0.06821 |
| 35 | oe4y | 93 | 52 | 0.11736 | 0.03360 | 0.05984 | 0.09344 | 0.02627 | -0.02624 | 0.00732 | 0.03356 | 0.06716 |
| 36 | [yo]ce4y + infixed versions | 456 | 171 | 0.09026 | 0.01471 | 0.06175 | 0.07646 | 0.00958 | -0.04704 | 0.00513 | 0.05217 | 0.06688 |
| 37 | oy + oe4y | 240 | 143 | 0.09706 | 0.01142 | 0.06723 | 0.07865 | 0.01243 | -0.05581 | -0.00101 | 0.05480 | 0.06622 |
| 38 | [yo][fptk]e4o[lr] | 430 | 91 | 0.24154 | 0.06501 | 0.07934 | 0.14435 | 0.07861 | -0.01434 | -0.01361 | 0.00073 | 0.06574 |
| 39 | [yo]e4 \| c + [fp] | 84 | 73 | 0.06551 | 0.00249 | 0.05830 | 0.06079 | -0.00483 | -0.05581 | 0.00732 | 0.06313 | 0.06562 |
| 40 | [yo]ke4od | 201 | 52 | 0.13854 | 0.01049 | 0.09242 | 0.10290 | 0.03799 | -0.08193 | -0.02750 | 0.05443 | 0.06491 |
| **41** | **cpeo-initial** | **65** | **32** | **0.08841** | **0.00597** | **0.08614** | **0.09211** | **0.02942** | **-0.08017** | **-0.02345** | **0.05672** | **0.06269** |
| 42 | om | 195 | 93 | 0.05251 | 0.00084 | 0.05537 | 0.05621 | -0.00648 | -0.05453 | 0.00732 | 0.06185 | 0.06269 |
| 43 | [yo]ke4o[dlrsmg] | 565 | 127 | 0.21775 | 0.05076 | 0.08165 | 0.13241 | 0.06999 | -0.03088 | -0.01922 | 0.01166 | 0.06242 |
| 44 | oe sans oy + oe4y, oe0-4s | 439 | 333 | 0.08946 | 0.01337 | 0.05418 | 0.06755 | 0.00604 | -0.04081 | 0.00732 | 0.04814 | 0.06150 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45 | [y o]doi0-4l | 22 | 16 | 0.11638 | 0.03604 | 0.05397 | 0.09001 | 0.02872 | -0.01793 | 0.00732 | 0.02525 | 0.06130 |
| 46 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 422 | 41 | 0.06963 | 0.00481 | 0.06022 | 0.06502 | 0.00459 | -0.05541 | 0.00021 | 0.05563 | 0.06043 |
| 47 | oe | 623 | 451 | 0.08544 | 0.01466 | 0.05135 | 0.06601 | 0.00734 | -0.03668 | 0.00732 | 0.04401 | 0.05867 |
| 48 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 488 | 65 | 0.06776 | 0.00903 | 0.05118 | 0.06021 | 0.00580 | -0.04215 | 0.00323 | 0.04537 | 0.05440 |
| **49** | **cpe4y** | **24** | **4** | **0.01789** | **0.03225** | **0.00473** | **0.03698** | **-0.01674** | **0.02752** | **0.04899** | **0.02147** | **0.05372** |
| 50 | [y o]te4o[lr] | 124 | 34 | 0.11198 | 0.00672 | 0.07597 | 0.08268 | 0.03165 | -0.06925 | -0.02493 | 0.04432 | 0.05103 |
| 51 | oi | 299 | 124 | 0.07503 | 0.01400 | 0.05002 | 0.06402 | 0.01336 | -0.03602 | 0.00064 | 0.03666 | 0.05065 |
| 52 | [y o][fptk]e4od + y | 275 | 47 | 0.09820 | 0.00150 | 0.07215 | 0.07365 | 0.02326 | -0.07066 | -0.02177 | 0.04889 | 0.05039 |
| 53 | o[lr]y | 302 | 125 | 0.05708 | 0.03363 | 0.01935 | 0.05299 | 0.00313 | 0.01428 | 0.03050 | 0.01622 | 0.04986 |
| 54 | [y o][fptk]e4o[dlrsmg] | 895 | 219 | 0.15579 | 0.03193 | 0.06474 | 0.09667 | 0.04919 | -0.03281 | -0.01726 | 0.01555 | 0.04748 |
| 55 | y c + e4ol | 39 | 12 | 0.06277 | 0.01623 | 0.03999 | 0.05621 | 0.00890 | -0.02376 | 0.00732 | 0.03108 | 0.04731 |
| 56 | [y o]kc + e4ol | 53 | 14 | 0.01003 | 0.02832 | 0.00080 | 0.02912 | -0.01674 | 0.02752 | 0.04506 | 0.01754 | 0.04586 |
| 57 | [y o][fptk]e4od | 349 | 94 | 0.08642 | 0.00491 | 0.06048 | 0.06540 | 0.02051 | -0.05557 | -0.01560 | 0.03997 | 0.04489 |
| 58 | [y o]d[ao]i0-4l | 163 | 93 | 0.02045 | 0.00899 | 0.02441 | 0.03340 | -0.01060 | -0.01542 | 0.01959 | 0.03501 | 0.04401 |
| 59 | ola | 221 | 94 | 0.05221 | 0.02679 | 0.02189 | 0.04867 | 0.00589 | 0.00490 | 0.02090 | 0.01600 | 0.04279 |
| 60 | dai4n | 1099 | 4 | 0.03283 | 0.00060 | 0.04405 | 0.04464 | 0.00328 | -0.04345 | -0.00269 | 0.04076 | 0.04136 |
| 61 | y odai0-4l | 141 | 77 | 0.00548 | 0.00477 | 0.01980 | 0.02457 | -0.01674 | -0.01503 | 0.02151 | 0.03654 | 0.04131 |
| **62** | **c[fptk]e4o** | **29** | **7** | **0.03801** | **0.02507** | **0.03203** | **0.05710** | **0.01775** | **-0.00696** | **0.00732** | **0.01428** | **0.03935** |
| 63 | oly | 205 | 77 | 0.04188 | 0.03937 | 0.00209 | 0.04145 | 0.00278 | 0.03728 | 0.03659 | -0.00069 | 0.03868 |
| 64 | od[ao]i0-4l | 150 | 82 | 0.01456 | 0.01059 | 0.01640 | 0.02698 | -0.01007 | -0.00581 | 0.02066 | 0.02647 | 0.03705 |
| 65 | o[lr]a | 458 | 207 | 0.08958 | 0.02115 | 0.03948 | 0.06064 | 0.02693 | -0.01833 | -0.00578 | 0.01255 | 0.03371 |
| 66 | [y o]d[ao]i0-4[lr] | 370 | 198 | 0.01024 | 0.00140 | 0.02252 | 0.02392 | -0.00863 | -0.02112 | 0.01003 | 0.03115 | 0.03255 |
| 67 | odai0-4l | 129 | 67 | -0.00342 | 0.00609 | 0.00957 | 0.01567 | -0.01674 | -0.00348 | 0.02283 | 0.02631 | 0.03240 |
| 68 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 746 | 52 | 0.05386 | 0.00935 | 0.03411 | 0.04346 | 0.01141 | -0.02475 | -0.00206 | 0.02270 | 0.03205 |
| **69** | **olor variants** | **115** | **28** | **0.10847** | **0.03407** | **0.03263** | **0.06669** | **0.03544** | **0.00144** | **-0.00137** | **-0.00281** | **0.03126** |
| 70 | [y o][fptk]c + e0-4ol | 149 | 41 | 0.00167 | 0.01072 | 0.01004 | 0.02076 | -0.01003 | 0.00068 | 0.02075 | 0.02007 | 0.03079 |
| 71 | ke4o | 134 | 38 | 0.09128 | 0.00551 | 0.06008 | 0.06559 | 0.03550 | -0.05457 | -0.02999 | 0.02458 | 0.03009 |
| **72** | **aro[dlrsmg]** | **102** | **58** | **0.01299** | **0.01020** | **0.01208** | **0.02228** | **-0.00693** | **-0.00189** | **0.01713** | **0.01902** | **0.02921** |
| **73** | **c[fptk]e4y** | **291** | **13** | **0.07202** | **0.02495** | **0.02835** | **0.05331** | **0.02450** | **-0.00340** | **0.00045** | **0.00385** | **0.02881** |
| 74 | or[y o] | 206 | 118 | 0.05592 | 0.01486 | 0.02617 | 0.04103 | 0.01239 | -0.01131 | 0.00247 | 0.01378 | 0.02864 |
| 75 | oa | 310 | 161 | 0.01198 | 0.00026 | 0.02113 | 0.02139 | -0.00706 | -0.02086 | 0.00732 | 0.02819 | 0.02845 |
| 76 | y c + e4o[lr] | 71 | 18 | 0.07541 | 0.01876 | 0.03349 | 0.05224 | 0.02552 | -0.01473 | -0.00676 | 0.00797 | 0.02672 |
| **77** | **c[fptk]e4o-initial & c[fptk]e4y Superclass** | **1638** | **369** | **0.03896** | **0.01134** | **0.02289** | **0.03424** | **0.00768** | **-0.01155** | **0.00366** | **0.01521** | **0.02655** |
| 78 | oce4y + s infixes | 90 | 52 | -0.00988 | 0.00170 | 0.00751 | 0.00921 | -0.01674 | -0.00581 | 0.01844 | 0.02424 | 0.02594 |
| 79 | ora | 237 | 113 | 0.12443 | 0.01590 | 0.05589 | 0.07179 | 0.04655 | -0.03999 | -0.03065 | 0.00934 | 0.02524 |
| 80 | ol[dtk] | 840 | 367 | 0.00837 | 0.01321 | 0.00354 | 0.01675 | -0.00840 | 0.00967 | 0.02161 | 0.01194 | 0.02515 |
| 81 | od[ao]i0-4[lr] | 348 | 179 | 0.00353 | 0.00208 | 0.01479 | 0.01687 | -0.00812 | -0.01271 | 0.01020 | 0.02290 | 0.02498 |
| **82** | **otor variants** | **113** | **28** | **0.01421** | **0.00829** | **0.00731** | **0.01560** | **-0.00789** | **0.00098** | **0.01617** | **0.01520** | **0.02348** |
| 83 | o[lr][y oa] | 1056 | 510 | 0.05672 | 0.02089 | 0.01799 | 0.03888 | 0.01641 | 0.00290 | 0.00448 | 0.00158 | 0.02247 |
| 84 | [y o]te4ol | 96 | 25 | 0.11164 | 0.01142 | 0.05681 | 0.06823 | 0.04576 | -0.04539 | -0.03434 | 0.01105 | 0.02247 |
| 85 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 1162 | 45 | 0.06623 | 0.01296 | 0.03105 | 0.04401 | 0.02629 | -0.01809 | -0.01333 | 0.00476 | 0.01772 |
| 86 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2116 | 147 | 0.06027 | 0.00666 | 0.03348 | 0.04013 | 0.02343 | -0.02682 | -0.01678 | 0.01005 | 0.01670 |
| 87 | o[lr][y o] | 607 | 312 | 0.03341 | 0.02354 | 0.00095 | 0.02449 | 0.00797 | 0.02258 | 0.01556 | -0.00702 | 0.01652 |
| 88 | or[oa] | 349 | 186 | 0.09502 | 0.01351 | 0.04043 | 0.05394 | 0.03770 | -0.02692 | -0.02419 | 0.00272 | 0.01623 |
| 89 | [dlrsmg]e0-4y | 335 | 11 | 0.00322 | 0.00253 | 0.00485 | 0.00738 | -0.00778 | -0.00233 | 0.01031 | 0.01264 | 0.01516 |
| 90 | [tk]e4o | 207 | 71 | 0.06499 | 0.00025 | 0.04519 | 0.04544 | 0.03157 | -0.04494 | -0.03132 | 0.01362 | 0.01387 |
| 91 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 694 | 37 | 0.04983 | 0.00067 | 0.03367 | 0.03434 | 0.02073 | -0.03299 | -0.02005 | 0.01294 | 0.01361 |
| 92 | o[lr][oa] | 765 | 394 | 0.05744 | 0.01673 | 0.01796 | 0.03470 | 0.02117 | -0.00123 | -0.00444 | -0.00321 | 0.01352 |
| 93 | [y o][fp]a | 193 | 110 | -0.00326 | 0.00095 | 0.00451 | 0.00546 | -0.00637 | -0.00356 | 0.00732 | 0.01089 | 0.01184 |
| 94 | so | 364 | 138 | 0.06093 | 0.00432 | 0.02350 | 0.02783 | 0.01623 | -0.01918 | -0.01191 | 0.00727 | 0.01160 |
| 95 | oke0-4y | 1282 | 139 | 0.02738 | 0.00931 | 0.01064 | 0.01995 | 0.00900 | -0.00134 | 0.00030 | 0.00164 | 0.01095 |
| **96** | **otol variants** | **235** | **53** | **0.03669** | **0.01186** | **0.00987** | **0.02174** | **0.01305** | **0.00199** | **-0.00119** | **-0.00318** | **0.00868** |
| **97** | **c[s \| fptk]e4y** | **831** | **17** | **0.02963** | **0.00623** | **0.01360** | **0.01984** | **0.01455** | **-0.00737** | **-0.00832** | **-0.00095** | **0.00528** |
| **98** | **c + c[s \| fptk]e4y** | **1502** | **21** | **0.01579** | **0.00124** | **0.01033** | **0.01157** | **0.00856** | **-0.00909** | **-0.00732** | **0.00177** | **0.00301** |
| 99 | y c + e4or | 32 | 6 | 0.09081 | 0.02184 | 0.02556 | 0.04740 | 0.04576 | -0.00373 | -0.02393 | -0.02020 | 0.00164 |

Table 24.9: Word Category Affinity Scores for the Peak Tuber and Root Sets on f99r-v

| | | Counts | | | Subsection | | | | Differences | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # | Category | Words | Distinct | Section Affinity Score 4 | 1 | 2 | 3 | 4 | f99r-v vs. Other Root Pages | f99r vs. Leaf Pages | Other Root Pages vs. Leaf Pages | Root-Leaf |
| 1 | opas variants | 4 | 4 | 0.18456 | 0.24059 | -0.03694 | 0.20365 | -0.01674 | 0.27752 | 0.25732 | -0.02020 | 0.22039 |
| 2 | [y o]pc + e4o | 8 | 7 | 0.05956 | 0.11559 | -0.03694 | 0.07865 | -0.01674 | 0.15252 | 0.13232 | -0.02020 | 0.09539 |
| 3 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ory | 26 | 6 | 0.04994 | 0.06751 | -0.03694 | 0.03057 | -0.01674 | 0.10445 | 0.08425 | -0.02020 | 0.04731 |
| 4 | y c[s \| fptk]e4y | 35 | 13 | -0.00830 | 0.01916 | -0.00837 | 0.01079 | -0.01674 | 0.02752 | 0.03590 | 0.00837 | 0.02753 |
| 5 | dody | 18 | 12 | -0.00988 | 0.04614 | -0.03694 | 0.00921 | -0.01674 | 0.08308 | 0.06288 | -0.02020 | 0.02594 |
| 6 | olp | 20 | 16 | -0.01544 | 0.04059 | -0.03694 | 0.00365 | -0.01674 | 0.07752 | 0.05732 | -0.02020 | 0.02039 |
| 7 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y -suffix | 185 | 37 | -0.01679 | 0.01761 | -0.01532 | 0.00230 | -0.01674 | 0.03293 | 0.03435 | 0.00142 | 0.01904 |
| 8 | ce0-4s | 89 | 5 | 0.03568 | 0.02430 | -0.00323 | 0.02107 | 0.00574 | 0.02752 | 0.01856 | -0.00896 | 0.01533 |
| 9 | ol[oa] | 423 | 215 | 0.02676 | 0.01896 | -0.00148 | 0.01748 | 0.00927 | 0.02043 | 0.00969 | -0.01074 | 0.00821 |
| 10 | ol[y o] | 408 | 199 | 0.02280 | 0.02735 | -0.01243 | 0.01492 | 0.00777 | 0.03978 | 0.01958 | -0.02020 | 0.00715 |
| 11 | [y o]pc + e4ol | 29 | 11 | 0.03801 | 0.02507 | -0.00245 | 0.02262 | 0.01775 | 0.02752 | 0.00732 | -0.02020 | 0.00487 |
| **12** | **o[tk]e0-4y** | **1989** | **242** | **0.00294** | **0.00466** | **-0.00174** | **0.00292** | **0.00136** | **0.00641** | **0.00330** | **-0.00311** | **0.00156** |

Table 24.10: Word Category Affinity Scores for Root Sets Sans f99r-v

| | | Counts | | | Subsection | | | | Differences | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # | Category | Words | Distinct | Section Affinity Score4 | 1 | 2 | 3 | 4 | f99r-v vs. Other Root Pages | f99r vs. Leaf Pages | Other Root Pages vs. Leaf Pages | Root-Leaf |
| 1 | [y o]doi0-4n | 2 | 2 | 0.43456 | -0.00941 | 0.46306 | 0.45365 | -0.01674 | -0.47248 | 0.00732 | 0.47980 | 0.47039 |
| 2 | [y o]fc + e4ody | 2 | 2 | -0.06544 | -0.00941 | 0.46306 | 0.45365 | -0.01674 | -0.47248 | 0.00732 | 0.47980 | 0.47039 |
| 3 | y dai0-4r | 8 | 7 | 0.18456 | -0.00941 | 0.21306 | 0.20365 | -0.01674 | -0.22248 | 0.00732 | 0.22980 | 0.22039 |
| 4 | [y o]fo | 28 | 26 | 0.18456 | -0.00941 | 0.21306 | 0.20365 | -0.01674 | -0.22248 | 0.00732 | 0.22980 | 0.22039 |
| 5 | ofor variants | 8 | 7 | 0.18456 | -0.00941 | 0.21306 | 0.20365 | -0.01674 | -0.22248 | 0.00732 | 0.22980 | 0.22039 |
| 6 | [y o][fptk]e4om | 12 | 4 | 0.18456 | -0.00941 | 0.21306 | 0.20365 | -0.01674 | -0.22248 | 0.00732 | 0.22980 | 0.22039 |
| 7 | opol variants | 25 | 15 | 0.17456 | -0.00941 | 0.20306 | 0.19365 | -0.01674 | -0.21248 | 0.00732 | 0.21980 | 0.21039 |
| 8 | y d[ao]i0-4r | 9 | 8 | 0.15678 | -0.00941 | 0.18529 | 0.17587 | -0.01674 | -0.19470 | 0.00732 | 0.20202 | 0.19261 |
| 9 | ofal variants | 9 | 7 | 0.15678 | -0.00941 | 0.18529 | 0.17587 | -0.01674 | -0.19470 | 0.00732 | 0.20202 | 0.19261 |
| **10** | **cfe4y** | **9** | **3** | **0.04567** | **-0.00941** | **0.18529** | **0.17587** | **-0.01674** | **-0.19470** | **0.00732** | **0.20202** | **0.19261** |
| 11 | y dai0-4[lr] | 20 | 17 | 0.13456 | -0.00941 | 0.16306 | 0.15365 | -0.01674 | -0.17248 | 0.00732 | 0.17980 | 0.17039 |
| 12 | y d[ao]i0-4[lr] | 22 | 19 | 0.11638 | -0.00941 | 0.14488 | 0.13547 | -0.01674 | -0.15429 | 0.00732 | 0.16162 | 0.15221 |
| 13 | or + c \| cs + e4o[lr] | 11 | 10 | 0.29820 | -0.00941 | 0.23579 | 0.22638 | 0.07417 | -0.24520 | -0.08359 | 0.16162 | 0.15221 |
| 14 | [y o]te4or | 28 | 9 | 0.11313 | -0.00941 | 0.14163 | 0.13222 | -0.01674 | -0.15105 | 0.00732 | 0.15837 | 0.14896 |
| 15 | [y o][fp]o | 112 | 85 | 0.14885 | -0.00941 | 0.15056 | 0.14115 | 0.00112 | -0.15998 | -0.01053 | 0.14944 | 0.14003 |
| 16 | y dai0-4l | 12 | 10 | 0.10123 | -0.00941 | 0.12973 | 0.12032 | -0.01674 | -0.13914 | 0.00732 | 0.14647 | 0.13705 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17 | opod variants | 6 | 6 | 0.10123 | -0.00941 | 0.12973 | 0.12032 | -0.01674 | -0.13914 | 0.00732 | 0.14647 | 0.13705 |
| 18 | os[dlrsmg] | 12 | 12 | 0.10123 | -0.00941 | 0.12973 | 0.12032 | -0.01674 | -0.13914 | 0.00732 | 0.14647 | 0.13705 |
| 19 | yd[ao]i0-4[rm] | 13 | 12 | 0.08841 | -0.00941 | 0.11691 | 0.10750 | -0.01674 | -0.12632 | 0.00732 | 0.13365 | 0.12423 |
| 20 | yd[ao]i0-4l | 13 | 11 | 0.08841 | -0.00941 | 0.11691 | 0.10750 | -0.01674 | -0.12632 | 0.00732 | 0.13365 | 0.12423 |
| 21 | [yo]e0-4[fp]e0-4[yo] | 167 | 122 | 0.11420 | -0.00342 | 0.11875 | 0.11533 | -0.00476 | -0.12218 | 0.00134 | 0.12351 | 0.12009 |
| 22 | [yo]po | 84 | 59 | 0.13694 | -0.00941 | 0.12973 | 0.12032 | 0.00707 | -0.13914 | -0.01649 | 0.12266 | 0.11324 |
| **23** | **[dlrsmg] + ai4m** | **14** | **3** | **0.07742** | **-0.00941** | **0.10592** | **0.09651** | **-0.01674** | **-0.11533** | **0.00732** | **0.12266** | **0.11324** |
| 24 | ofas variants | 7 | 4 | 0.07742 | -0.00941 | 0.10592 | 0.09651 | -0.01674 | -0.11533 | 0.00732 | 0.12266 | 0.11324 |
| 25 | ol + c \| cs + e4ody | 8 | 7 | 0.30956 | -0.00941 | 0.21306 | 0.20365 | 0.10826 | -0.22248 | -0.11768 | 0.10480 | 0.09539 |
| 26 | [yo]fc + e4ol | 8 | 5 | 0.05956 | -0.00941 | 0.08806 | 0.07865 | -0.01674 | -0.09748 | 0.00732 | 0.10480 | 0.09539 |
| 27 | [yo]pc + e4or | 16 | 6 | 0.12206 | -0.00941 | 0.08806 | 0.07865 | -0.01674 | -0.09748 | 0.00732 | 0.10480 | 0.09539 |
| **28** | **dai4m** | **111** | **3** | **0.05168** | **-0.00040** | **0.07117** | **0.07077** | **-0.01674** | **-0.07157** | **0.01633** | **0.08791** | **0.08750** |
| **29** | **[dlrsmg]ai4m** | **131** | **6** | **0.04906** | **-0.00178** | **0.06993** | **0.06815** | **-0.01674** | **-0.07171** | **0.01496** | **0.08667** | **0.08489** |
| 30 | or[lrsmg] | 9 | 9 | -0.06544 | -0.00941 | 0.07417 | 0.06476 | -0.01674 | -0.08359 | 0.00732 | 0.09091 | 0.08150 |
| 31 | ofai0-4n | 9 | 5 | 0.04567 | -0.00941 | 0.07417 | 0.06476 | -0.01674 | -0.08359 | 0.00732 | 0.09091 | 0.08150 |
| 32 | oy | 148 | 92 | 0.08997 | -0.00266 | 0.07793 | 0.07527 | 0.00353 | -0.08058 | -0.00619 | 0.07439 | 0.07174 |
| 33 | ydai0-4[lrm \| n] | 60 | 31 | 0.03456 | -0.00941 | 0.06306 | 0.05365 | -0.01674 | -0.07248 | 0.00732 | 0.07980 | 0.07039 |
| 34 | yd[ao]i0-4[lrm \| n] | 64 | 35 | 0.02831 | -0.00941 | 0.05681 | 0.04740 | -0.01674 | -0.06623 | 0.00732 | 0.07355 | 0.06414 |
| 35 | [yo]fai0-4n | 11 | 7 | 0.02547 | -0.00941 | 0.05397 | 0.04456 | -0.01674 | -0.06338 | 0.00732 | 0.07071 | 0.06130 |
| 36 | [yo][fp][yoa] | 347 | 219 | 0.04407 | -0.00365 | 0.05240 | 0.04875 | -0.00521 | -0.05605 | 0.00156 | 0.05761 | 0.05396 |
| 37 | [yo]kc + e4ody | 24 | 10 | 0.01789 | -0.00941 | 0.04640 | 0.03698 | -0.01674 | -0.05581 | 0.00732 | 0.06313 | 0.05372 |
| 38 | opor variants | 24 | 11 | 0.10123 | -0.00941 | 0.08806 | 0.07865 | 0.02493 | -0.09748 | -0.03434 | 0.06313 | 0.05372 |
| 39 | olf | 24 | 20 | 0.01789 | -0.00941 | 0.04640 | 0.03698 | -0.01674 | -0.05581 | 0.00732 | 0.06313 | 0.05372 |
| 40 | ol + c \| cs + e4o | 12 | 8 | 0.01789 | -0.00941 | 0.04640 | 0.03698 | -0.01674 | -0.05581 | 0.00732 | 0.06313 | 0.05372 |
| 41 | yc + e4o | 38 | 9 | 0.06614 | -0.00941 | 0.06833 | 0.05891 | 0.00958 | -0.07774 | -0.01899 | 0.05875 | 0.04933 |
| 42 | okos variants | 13 | 5 | 0.01148 | -0.00941 | 0.03999 | 0.03057 | -0.01674 | -0.04940 | 0.00732 | 0.05672 | 0.04731 |
| 43 | okod variants | 65 | 22 | 0.04225 | -0.00941 | 0.05537 | 0.04596 | -0.00135 | -0.06478 | -0.00806 | 0.05672 | 0.04731 |
| 44 | ord | 13 | 11 | 0.01148 | -0.00941 | 0.03999 | 0.03057 | -0.01674 | -0.04940 | 0.00732 | 0.05672 | 0.04731 |
| 45 | [fptk]ai4m | 14 | 4 | 0.00599 | -0.00941 | 0.03449 | 0.02508 | -0.01674 | -0.04390 | 0.00732 | 0.05123 | 0.04182 |
| **46** | **opal variants** | **42** | **25** | **0.00599** | **-0.00941** | **0.03449** | **0.02508** | **-0.01674** | **-0.04390** | **0.00732** | **0.05123** | **0.04182** |
| 47 | okas variants | 14 | 9 | 0.00599 | -0.00941 | 0.03449 | 0.02508 | -0.01674 | -0.04390 | 0.00732 | 0.05123 | 0.04182 |
| 48 | [yo]fa | 56 | 38 | 0.04170 | -0.00941 | 0.05235 | 0.04294 | 0.00112 | -0.06176 | -0.01053 | 0.05123 | 0.04182 |
| 49 | [yo]dy endings | 1219 | 315 | 0.05597 | -0.00039 | 0.05002 | 0.04963 | 0.00787 | -0.05041 | -0.00826 | 0.04215 | 0.04176 |
| 50 | oce4y | 58 | 33 | 0.00353 | -0.00941 | 0.03203 | 0.02262 | -0.01674 | -0.04144 | 0.00732 | 0.04877 | 0.03935 |
| 51 | om + o[fptk \| dlrsmg]am | 525 | 172 | 0.02789 | -0.00370 | 0.03544 | 0.03175 | -0.00531 | -0.03914 | 0.00161 | 0.04075 | 0.03705 |
| 52 | [yo]py | 31 | 14 | -0.00092 | -0.00941 | 0.02758 | 0.01817 | -0.01674 | -0.03699 | 0.00732 | 0.04432 | 0.03490 |
| 53 | otos variants | 16 | 10 | 0.12206 | -0.00941 | 0.08806 | 0.07865 | 0.04576 | -0.09748 | -0.05518 | 0.04230 | 0.03289 |
| 54 | ope0-4y | 32 | 15 | -0.00294 | -0.00941 | 0.02556 | 0.01615 | -0.01674 | -0.03498 | 0.00732 | 0.04230 | 0.03289 |
| 55 | odcey relatives | 32 | 28 | -0.00294 | -0.00941 | 0.02556 | 0.01615 | -0.01674 | -0.03498 | 0.00732 | 0.04230 | 0.03289 |
| **56** | **orcey relatives** | **49** | **38** | **0.03660** | **-0.00941** | **0.04470** | **0.03528** | **0.00367** | **-0.05411** | **-0.01308** | **0.04102** | **0.03161** |
| 57 | o[tk][ao]s | 66 | 37 | 0.02547 | -0.00941 | 0.03882 | 0.02941 | -0.00159 | -0.04823 | -0.00783 | 0.04041 | 0.03099 |
| 58 | or[fptk \| dlrsmg] | 33 | 31 | -0.03514 | -0.00941 | 0.02367 | 0.01426 | -0.01674 | -0.03308 | 0.00732 | 0.04041 | 0.03099 |
| 59 | [yo][dlrsmg] + c \| cs + e4o | 17 | 13 | -0.00662 | -0.00941 | 0.02189 | 0.01247 | -0.01674 | -0.03130 | 0.00732 | 0.03862 | 0.02921 |
| 60 | ek[yo] | 252 | 75 | 0.00202 | -0.00148 | 0.01465 | 0.01317 | -0.01277 | -0.01613 | 0.01129 | 0.02742 | 0.02594 |
| 61 | [yo]cp | 37 | 29 | 0.06970 | -0.00941 | 0.04414 | 0.03473 | 0.01029 | -0.05356 | -0.01970 | 0.03385 | 0.02444 |
| 62 | o[fptk][ao]s | 75 | 43 | 0.01456 | -0.00941 | 0.02973 | 0.02032 | -0.00340 | -0.03914 | -0.00601 | 0.03313 | 0.02372 |
| 63 | [yo]d[ao]i0-4r | 207 | 105 | 0.00219 | -0.00458 | 0.02103 | 0.01645 | -0.00707 | -0.02562 | 0.00249 | 0.02811 | 0.02353 |
| 64 | [dlrsmg \| fptk] + ai4n | 1619 | 24 | 0.01239 | -0.00200 | 0.02545 | 0.02345 | -0.00006 | -0.02745 | -0.00194 | 0.02551 | 0.02351 |
| 65 | [yo]d[ao]i0-4[lrm \| n] | 854 | 358 | 0.00950 | -0.00239 | 0.02161 | 0.01922 | -0.00386 | -0.02400 | 0.00147 | 0.02547 | 0.02308 |
| 66 | ydai0-4n | 38 | 12 | -0.01281 | -0.00941 | 0.01569 | 0.00628 | -0.01674 | -0.02511 | 0.00732 | 0.03243 | 0.02302 |
| 67 | yd[ao]i0-4n | 38 | 12 | -0.01281 | -0.00941 | 0.01569 | 0.00628 | -0.01674 | -0.02511 | 0.00732 | 0.03243 | 0.02302 |
| 68 | o[fptk]d | 38 | 31 | -0.01281 | -0.00941 | 0.01569 | 0.00628 | -0.01674 | -0.02511 | 0.00732 | 0.03243 | 0.02302 |
| 69 | yodai0-4[lr] | 324 | 167 | -0.00988 | -0.00324 | 0.01245 | 0.00921 | -0.01365 | -0.01569 | 0.01041 | 0.02610 | 0.02286 |
| 70 | [dlrsmg] + ai4[lr] | 173 | 7 | 0.00392 | -0.00941 | 0.02087 | 0.01145 | -0.01096 | -0.03028 | 0.00154 | 0.03182 | 0.02241 |
| 71 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 2906 | 77 | 0.01027 | -0.00322 | 0.02259 | 0.01938 | -0.00263 | -0.02581 | -0.00059 | 0.02522 | 0.02200 |
| 72 | [yo]te4o[dlrsmg] | 330 | 92 | 0.04971 | -0.00032 | 0.03579 | 0.03547 | 0.01357 | -0.03611 | -0.01389 | 0.02222 | 0.02190 |
| 73 | [yo]c[fp] | 59 | 49 | 0.03626 | -0.00941 | 0.03086 | 0.02145 | 0.00021 | -0.04027 | -0.00963 | 0.03065 | 0.02123 |
| 74 | [dlrsmg] + ai4[lr] + y-suffix | 928 | 19 | 0.01538 | -0.00510 | 0.02341 | 0.01831 | -0.00273 | -0.02851 | -0.00237 | 0.02614 | 0.02103 |
| 75 | [dlrsmg \| fptk] + ai4[dlrsmg] | 1287 | 53 | 0.00760 | -0.00475 | 0.01901 | 0.01426 | -0.00586 | -0.02376 | 0.00111 | 0.02487 | 0.02011 |
| 76 | od[ao]i0-4[lrm \| n] | 790 | 323 | 0.00798 | -0.00182 | 0.01876 | 0.01694 | -0.00281 | -0.02058 | 0.00099 | 0.02157 | 0.01975 |
| 77 | [yo]d[ao]i0-4n | 446 | 131 | 0.01079 | -0.00493 | 0.02360 | 0.01867 | -0.00104 | -0.02853 | -0.00389 | 0.02464 | 0.01971 |
| 78 | oda | 834 | 352 | 0.00770 | -0.00462 | 0.02062 | 0.01600 | -0.00355 | -0.02523 | -0.00107 | 0.02416 | 0.01955 |
| 79 | od[ao]i0-4n | 408 | 119 | 0.01299 | -0.00451 | 0.02434 | 0.01983 | 0.00042 | -0.02885 | -0.00493 | 0.02392 | 0.01941 |
| 80 | [yo]tc + e4o | 41 | 14 | -0.04105 | -0.00941 | 0.01184 | 0.00243 | -0.01674 | -0.02126 | 0.00732 | 0.02858 | 0.01917 |
| 81 | [dlrsmg] + c \| c[s \| fptk] + e4o | 41 | 14 | 0.03212 | -0.00941 | 0.06062 | 0.05121 | 0.03204 | -0.07004 | -0.04146 | 0.02858 | 0.01917 |
| 82 | [yo]tc + e4ol | 62 | 14 | -0.03318 | -0.00941 | 0.01145 | 0.00204 | -0.01674 | -0.02086 | 0.00732 | 0.02819 | 0.01877 |
| 83 | [yo][fp]y | 42 | 24 | -0.01782 | -0.00941 | 0.01068 | 0.00127 | -0.01674 | -0.02009 | 0.00732 | 0.02742 | 0.01801 |
| 84 | [dlrsmg]ai4[lr] | 777 | 12 | 0.01435 | -0.00426 | 0.02098 | 0.01671 | -0.00129 | -0.02524 | -0.00297 | 0.02227 | 0.01801 |
| 85 | yodai0-4[lrm \| n] | 803 | 322 | 0.00056 | -0.00443 | 0.01661 | 0.01218 | -0.00553 | -0.02104 | 0.00110 | 0.02214 | 0.01771 |
| 86 | yodai0-4n | 444 | 129 | 0.00888 | -0.00491 | 0.02162 | 0.01671 | -0.00097 | -0.02653 | -0.00394 | 0.02259 | 0.01768 |
| 87 | [yo]te4od | 148 | 42 | 0.01564 | -0.00266 | 0.01712 | 0.01446 | -0.00322 | -0.01977 | 0.00057 | 0.02034 | 0.01768 |
| 88 | c \| c[fptk] + e4o | 212 | 10 | 0.06664 | -0.00470 | 0.04325 | 0.03856 | 0.02100 | -0.04795 | -0.02569 | 0.02225 | 0.01756 |
| 89 | [yo][fptk]c + e4ody | 64 | 30 | -0.03419 | -0.00941 | 0.00994 | 0.00053 | -0.01674 | -0.01935 | 0.00732 | 0.02667 | 0.01726 |
| 90 | odai0-4n | 406 | 117 | 0.01091 | -0.00449 | 0.02218 | 0.01769 | 0.00050 | -0.02666 | -0.00499 | 0.02167 | 0.01718 |
| 91 | od[ao]i0-4r | 198 | 97 | -0.00483 | -0.00436 | 0.01357 | 0.00921 | -0.00664 | -0.01793 | 0.00227 | 0.02020 | 0.01584 |
| 92 | [yo]ce4y | 110 | 45 | -0.00180 | -0.00941 | 0.01761 | 0.00820 | -0.00765 | -0.02702 | -0.00177 | 0.02525 | 0.01584 |
| 93 | o + c \| cs + e4o | 23 | 19 | 0.10847 | -0.00941 | 0.05002 | 0.04061 | 0.02674 | -0.05943 | -0.03615 | 0.02328 | 0.01387 |
| 94 | odai0-4[lrm \| n] | 743 | 291 | -0.00218 | -0.00403 | 0.01286 | 0.00883 | -0.00462 | -0.01689 | 0.00059 | 0.01748 | 0.01346 |
| 95 | [yo]c + e4ody | 47 | 33 | 0.01967 | -0.00941 | 0.02689 | 0.01748 | 0.00454 | -0.03631 | -0.01395 | 0.02235 | 0.01294 |
| 96 | sai4n | 214 | 4 | -0.00469 | -0.00474 | 0.00512 | 0.00038 | -0.00739 | -0.00986 | 0.00265 | 0.01251 | 0.00777 |
| **97** | **cteo-initial** | **222** | **46** | **0.02465** | **-0.00040** | **0.02162** | **0.02122** | **0.01479** | **-0.02203** | **-0.01520** | **0.00683** | **0.00642** |
| 98 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 143 | 29 | 0.06743 | -0.00941 | 0.04698 | 0.03757 | 0.03221 | -0.05639 | -0.04163 | 0.01476 | 0.00535 |
| 99 | otod variants | 86 | 32 | -0.00730 | -0.00941 | 0.00957 | 0.00016 | -0.00511 | -0.01899 | -0.00430 | 0.01468 | 0.00527 |
| 100 | e-initial | 146 | 104 | 0.03045 | -0.00256 | 0.01786 | 0.01529 | 0.01066 | -0.02042 | -0.01322 | 0.00720 | 0.00463 |
| 101 | c \| cs + e0-4r | 533 | 6 | 0.00585 | -0.00378 | 0.00809 | 0.00431 | 0.00202 | -0.01188 | -0.00581 | 0.00607 | 0.00228 |
| 102 | [yo]c + e4o Superclass | 333 | 206 | 0.05468 | -0.00040 | 0.02613 | 0.02572 | 0.02531 | -0.02653 | -0.02571 | 0.00082 | 0.00042 |
| 103 | c \| cs + e0-4s | 570 | 9 | 0.00649 | -0.00064 | 0.00341 | 0.00277 | 0.00256 | -0.00405 | -0.00320 | 0.00085 | 0.00021 |
| 104 | ce4y | 671 | 4 | -0.00136 | -0.00494 | 0.00628 | 0.00134 | 0.00115 | -0.01122 | -0.00609 | 0.00513 | 0.00019 |

Table 24.11: Word Category Affinity Scores for Leaf-Oriented Sets of the Pharmacopeia

| | | Counts | | | Subsection | | | | Differences | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # | Category | Words | Distinct | Section Affinity Score4 | 1 | 2 | 3 | 4 | f99r-v vs. Other Root Pages | f99r vs. Leaf Pages | Other Root Pages vs. Leaf Pages | Root-Leaf |
| 1 | t[yo]lc | 9 | 9 | 0.04567 | -0.00941 | -0.03694 | -0.04635 | 0.09437 | 0.02752 | -0.10379 | -0.13131 | -0.14072 |
| 2 | okad variants | 11 | 9 | 0.02547 | -0.00941 | -0.03694 | -0.04635 | 0.07417 | 0.02752 | -0.08359 | -0.11111 | -0.12052 |
| **3** | **ol + c \| cs + e4o[lr]** | **37** | **21** | **0.20483** | **0.01761** | **0.04414** | **0.06176** | **0.14543** | **-0.02653** | **-0.12781** | **-0.10128** | **-0.08367** |
| **4** | **o + c \| cs + e4ol** | **47** | **32** | **0.10477** | **0.01186** | **0.00562** | **0.01748** | **0.08965** | **0.00625** | **-0.07778** | **-0.08403** | **-0.07217** |
| 5 | opai0-4n | 26 | 8 | -0.02698 | -0.00941 | -0.03694 | -0.04635 | 0.02172 | 0.02752 | -0.03114 | -0.05866 | -0.06807 |
| 6 | et-initial | 26 | 19 | -0.02698 | -0.00941 | -0.03694 | -0.04635 | 0.02172 | 0.02752 | -0.03114 | -0.05866 | -0.06807 |
| 7 | ofar variants | 27 | 18 | -0.02840 | -0.00941 | -0.03694 | -0.04635 | 0.02030 | 0.02752 | -0.02971 | -0.05724 | -0.06665 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | [yo]ke4or | 92 | 20 | 0.23891 | 0.03407 | 0.05002 | 0.08408 | 0.14631 | -0.01595 | -0.11224 | -0.09629 | -0.06222 |
| 9 | [yo]pai0-4n | 31 | 12 | -0.03318 | -0.00941 | -0.03694 | -0.04635 | 0.01552 | 0.02752 | -0.02493 | -0.05246 | -0.06187 |
| **10** | **o + c \| cs + e4o[lr]** | **87** | **65** | **0.07249** | **0.00208** | **0.00904** | **0.01112** | **0.06372** | **-0.00696** | **-0.06164** | **-0.05468** | **-0.05260** |
| 11 | [yo]ke4os | 46 | 14 | 0.06499 | -0.00941 | 0.00654 | -0.00287 | 0.04848 | -0.01595 | -0.05789 | -0.04194 | -0.05135 |
| 12 | rai4n | 99 | 3 | -0.02504 | -0.00941 | -0.02684 | -0.03625 | 0.01357 | 0.01742 | -0.02298 | -0.04040 | -0.04982 |
| 13 | [yo]kc + e4or | 53 | 15 | -0.04657 | -0.00941 | -0.03694 | -0.04635 | 0.00213 | 0.02752 | -0.01154 | -0.03907 | -0.04848 |
| 14 | [yo][fptk]e4os | 103 | 29 | 0.03165 | -0.00941 | 0.00190 | -0.00751 | 0.03181 | -0.01131 | -0.04122 | -0.02991 | -0.03932 |
| **15** | **cte4y** | **179** | **4** | **0.02953** | **0.00176** | **-0.00342** | **-0.00166** | **0.03354** | **0.00518** | **-0.03178** | **-0.03696** | **-0.03520** |
| 16 | [yo]fai0-4[rn] | 38 | 25 | -0.01281 | -0.00941 | -0.01062 | -0.02003 | 0.00958 | 0.00121 | -0.01899 | -0.02020 | -0.02961 |
| 17 | [yo]d[ao]i0-4m | 38 | 29 | -0.01281 | -0.00941 | -0.01062 | -0.02003 | 0.00958 | 0.00121 | -0.01899 | -0.02020 | -0.02961 |
| 18 | [fptk][yo]lc | 70 | 54 | 0.02027 | -0.00941 | 0.00592 | -0.00349 | 0.02612 | -0.01533 | -0.03553 | -0.02020 | -0.02961 |
| 19 | od[ao]i0-4m | 34 | 25 | -0.00662 | -0.00941 | -0.00753 | -0.01694 | 0.01268 | -0.00189 | -0.02209 | -0.02020 | -0.02961 |
| 20 | odai0-4m | 33 | 24 | -0.00483 | -0.00941 | -0.00663 | -0.01605 | 0.01357 | -0.00278 | -0.02298 | -0.02020 | -0.02961 |
| 21 | yodai0-4m | 35 | 26 | -0.00830 | -0.00941 | -0.00837 | -0.01778 | 0.01183 | -0.00105 | -0.02125 | -0.02020 | -0.02961 |
| 22 | [yo][fp]ai0-4[rn] | 116 | 58 | -0.03096 | -0.00079 | -0.02832 | -0.02911 | 0.00050 | 0.02752 | -0.00130 | -0.02882 | -0.02961 |
| 23 | sc-initial | 92 | 56 | -0.02196 | 0.00146 | -0.02607 | -0.02461 | 0.00500 | 0.02752 | -0.00355 | -0.03107 | -0.02961 |
| 24 | [yo]te4os | 57 | 15 | 0.00474 | -0.00941 | -0.00185 | -0.01126 | 0.01835 | -0.00756 | -0.02776 | -0.02020 | -0.02961 |
| 25 | [yo]te4o | 43 | 10 | -0.01893 | -0.00941 | -0.01368 | -0.02309 | 0.00652 | 0.00427 | -0.01593 | -0.02020 | -0.02961 |
| **26** | **od[fptk \| dlrsmg] minus odl** | **27** | **26** | **0.00863** | **-0.00941** | **0.00010** | **-0.00931** | **0.02030** | **-0.00951** | **-0.02971** | **-0.02020** | **-0.02961** |
| **27** | **od[fptk \| dlrsmg]** | **52** | **46** | **-0.02698** | **-0.00941** | **-0.01771** | **-0.02712** | **0.00249** | **0.00829** | **-0.01191** | **-0.02020** | **-0.02961** |
| **28** | **o + c \| cs + e4or** | **40** | **33** | **0.03456** | **-0.00941** | **0.01306** | **0.00365** | **0.03326** | **-0.02248** | **-0.04268** | **-0.02020** | **-0.02961** |
| 29 | olo | 205 | 124 | 0.00285 | 0.01498 | -0.02718 | -0.01220 | 0.01253 | 0.04216 | 0.00245 | -0.03971 | -0.02474 |
| 30 | [yo][fptk]e4o | 74 | 10 | 0.02915 | 0.00410 | 0.00360 | 0.00770 | 0.02380 | 0.00050 | -0.01970 | -0.02020 | -0.01610 |
| 31 | te4o | 73 | 33 | 0.01675 | -0.00941 | 0.01786 | 0.00844 | 0.02436 | -0.02727 | -0.03377 | -0.00650 | -0.01591 |
| 32 | [fptk]e0-4y | 141 | 9 | -0.00870 | 0.00477 | -0.01566 | -0.01089 | 0.00454 | 0.02043 | 0.00023 | -0.02020 | -0.01543 |
| 33 | oi4[dlrsmg \| n] | 1020 | 12 | 0.01789 | -0.00059 | 0.00326 | 0.00267 | 0.01660 | -0.00385 | -0.01719 | -0.01334 | -0.01393 |
| 34 | o[lr]o | 315 | 195 | 0.01075 | 0.01281 | -0.01471 | -0.00191 | 0.01183 | 0.02752 | 0.00097 | -0.02655 | -0.01374 |
| 35 | cse4o | 184 | 3 | 0.02152 | -0.00941 | 0.01741 | 0.00800 | 0.02131 | -0.02682 | -0.03072 | -0.00390 | -0.01331 |
| 36 | [yo][fptk]e4or | 120 | 29 | 0.20956 | 0.02392 | 0.07140 | 0.09532 | 0.10826 | -0.04748 | -0.08434 | -0.03687 | -0.01295 |
| 37 | yce4y | 52 | 12 | -0.00775 | -0.00941 | 0.00152 | -0.00789 | 0.00249 | -0.01094 | -0.01191 | -0.00097 | -0.01038 |
| 38 | oi4n | 49 | 4 | 0.07742 | 0.01100 | 0.02429 | 0.03528 | 0.04449 | -0.01329 | -0.03349 | -0.02020 | -0.00921 |
| 39 | edo | 97 | 69 | -0.00358 | -0.00941 | 0.00430 | -0.00511 | 0.00388 | -0.01371 | -0.01329 | 0.00042 | -0.00899 |
| 40 | [fptk] + c \| c[s \| fptk] + e4o | 47 | 10 | -0.04416 | -0.00941 | 0.00562 | -0.00380 | 0.00454 | -0.01503 | -0.01395 | 0.00108 | -0.00834 |
| 41 | cse4y | 540 | 4 | 0.00678 | -0.00386 | 0.00566 | 0.00180 | 0.00919 | -0.00951 | -0.01305 | -0.00353 | -0.00739 |
| 42 | od endings | 243 | 134 | 0.02510 | -0.00941 | 0.01656 | 0.00715 | 0.01207 | -0.02597 | -0.02148 | 0.00449 | -0.00492 |
| 43 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 1890 | 69 | 0.00176 | -0.00095 | 0.00169 | 0.00074 | 0.00496 | -0.00263 | -0.00590 | -0.00327 | -0.00422 |
| 44 | oro | 114 | 75 | 0.03105 | 0.00813 | 0.00692 | 0.01505 | 0.01835 | 0.00121 | -0.01022 | -0.01143 | -0.00330 |
| 45 | ce4o | 151 | 4 | 0.04714 | -0.00941 | 0.02929 | 0.01988 | 0.02300 | -0.03870 | -0.03241 | 0.00629 | -0.00312 |
| 46 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 452 | 38 | 0.02527 | -0.00720 | 0.02501 | 0.01781 | 0.02087 | -0.03221 | -0.02807 | 0.00414 | -0.00306 |
| 47 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4oly | 37 | 16 | 0.06970 | 0.01761 | 0.01712 | 0.03473 | 0.03732 | 0.00050 | -0.01970 | -0.02020 | -0.00259 |
| 48 | c \| cs + e0-4[dlrsmg] | 653 | 18 | -0.00265 | -0.00176 | -0.00018 | -0.00194 | 0.00011 | -0.00157 | -0.00186 | -0.00029 | -0.00205 |
| 49 | ai4n | 605 | 4 | -0.00098 | 0.00050 | -0.00057 | -0.00007 | 0.00145 | 0.00108 | -0.00094 | -0.00202 | -0.00151 |
| 50 | c \| cs + e0-4d | 559 | 7 | 0.00254 | -0.00405 | 0.00421 | 0.00016 | 0.00115 | -0.00825 | -0.00520 | 0.00306 | -0.00099 |
| 51 | [q \| fptk \| dlrsmg] + oi0-4[lr] | 1697 | 26 | 0.02001 | 0.00296 | 0.00726 | 0.01022 | 0.01096 | -0.00430 | -0.00800 | -0.00370 | -0.00074 |
| 52 | od endings + odcey relatives | 275 | 162 | 0.02183 | -0.00941 | 0.01761 | 0.00820 | 0.00872 | -0.02702 | -0.01813 | 0.00889 | -0.00052 |
| 53 | c \| cs + e0-4l | 548 | 5 | 0.00390 | -0.00394 | 0.00503 | 0.00110 | 0.00151 | -0.00897 | -0.00545 | 0.00352 | -0.00042 |
| 54 | oe0-4s | 646 | 322 | 0.05066 | -0.00322 | 0.02653 | 0.02331 | 0.02351 | -0.02975 | -0.02673 | 0.00302 | -0.00020 |

Table 24.12: Word Sets with Positive Pharmacological and Balneological Sectional Affinities in Version #29

| # | Category | Word Count | Distinct Word Count | Section Affinity Score 3 | Section Affinity Score 4 | Section Affinity Score 3 and 4 Split |
|---|---|---|---|---|---|---|
| 1 | yc[fptk]e4y | 5 | 4 | 0.02245 | 0.33456 | 0.34579 |
| 2 | ol + c \| cs + e4o[lr] | 37 | 21 | 0.06570 | 0.20483 | 0.23768 |
| 3 | so | 364 | 138 | 0.13839 | 0.06093 | 0.13013 |
| **4** | **oi4n** | **49** | **4** | **0.06735** | **0.07742** | **0.11109** |
| 5 | [q \| fptk \| dlrsmg] + oi0-4[lr] | 1697 | 26 | 0.16954 | 0.02001 | 0.10477 |
| 6 | oly | 205 | 77 | 0.12001 | 0.04188 | 0.10188 |
| **7** | **[dlrsmg \| fptk] + oi4[dlrsmg \| n]** | **746** | **52** | **0.09323** | **0.05386** | **0.10048** |
| 8 | o[lr]y | 302 | 125 | 0.07742 | 0.05708 | 0.09579 |
| 9 | ol[yo] | 408 | 199 | 0.12637 | 0.02280 | 0.08598 |
| 10 | oro | 114 | 75 | 0.10315 | 0.03105 | 0.08263 |
| 11 | o[lr][yo] | 607 | 312 | 0.09758 | 0.03341 | 0.08220 |
| 12 | or[yo] | 206 | 118 | 0.05061 | 0.05592 | 0.08122 |
| **13** | **oi4[dlrsmg \| n]** | **1020** | **12** | **0.11559** | **0.01789** | **0.07569** |
| 14 | o[lr][yoa] | 1056 | 510 | 0.03647 | 0.05672 | 0.07495 |
| 15 | ol[dtk] | 840 | 367 | 0.12960 | 0.00837 | 0.07317 |
| 16 | o[lr]o | 315 | 195 | 0.12087 | 0.01075 | 0.07118 |
| 17 | o[lr][oa] | 765 | 394 | 0.02245 | 0.05744 | 0.06866 |
| 18 | t[yo]lc | 9 | 9 | 0.04468 | 0.04567 | 0.06801 |
| 19 | olo | 205 | 124 | 0.12977 | 0.00285 | 0.06774 |
| 20 | cse4y | 540 | 4 | 0.09468 | 0.00678 | 0.05412 |
| 21 | ol[oa] | 423 | 215 | 0.05177 | 0.02676 | 0.05264 |
| 22 | [dlrsmg]ai4[lr] | 777 | 12 | 0.06698 | 0.01435 | 0.04785 |
| 23 | [fptk][yo]lc | 70 | 54 | 0.05102 | 0.02027 | 0.04579 |
| 24 | c \| cs + e0-4r | 533 | 6 | 0.07761 | 0.00585 | 0.04466 |
| 25 | oke0-4y | 1282 | 139 | 0.03228 | 0.02738 | 0.04352 |
| 26 | c \| cs + e0-4l | 548 | 5 | 0.07428 | 0.00390 | 0.04104 |
| 27 | c \| cs + e0-4s | 570 | 9 | 0.06631 | 0.00649 | 0.03965 |
| 28 | c \| cs + e0-4d | 559 | 7 | 0.07111 | 0.00254 | 0.03809 |
| 29 | ce0-4s | 89 | 5 | 0.00223 | 0.03568 | 0.03680 |
| 30 | c[s \| fptk]e4y | 831 | 17 | 0.01018 | 0.02963 | 0.03472 |
| 31 | [dlrsmg] + ai4[lr] + y-suffix | 928 | 19 | 0.03366 | 0.01538 | 0.03221 |
| **32** | **aro[dlrsmg]** | **102** | **58** | **0.03814** | **0.01299** | **0.03206** |
| **33** | **c + c[s \| fptk]e4y** | **1502** | **21** | **0.02086** | **0.01579** | **0.02621** |
| 34 | okas variants | 14 | 9 | 0.03674 | 0.00599 | 0.02436 |
| 35 | [dlrsmg]e0-4y | 335 | 11 | 0.02544 | 0.00322 | 0.01594 |
| **36** | **el[yo]** | **252** | **75** | **0.02483** | **0.00202** | **0.01444** |
| 37 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 1890 | 69 | 0.02457 | 0.00176 | 0.01404 |
| 38 | [dlrsmg \| fptk] + ai4[dlrsmg] | 1287 | 53 | 0.01282 | 0.00760 | 0.01401 |
| 39 | o[tk]e0-4y | 1989 | 242 | 0.01049 | 0.00294 | 0.00818 |

Table 24.13: Word Sets with Positive Pharmacological and Section 5 Affinities in Version #29

| | | | | Section Affinity Score | | |
|---|---|---|---|---|---|---|
| # | Category | Word Count | Distinct Word Count | 4 | 5 | 2 Section Average |
| 1 | [yo]ke4o | 81 | 14 | 0.11975 | 0.12624 | 0.18287 |
| 2 | yc + e4o | 38 | 9 | 0.06614 | 0.16620 | 0.14924 |
| 3 | otos variants | 16 | 10 | 0.12206 | 0.03133 | 0.13773 |
| **4** | **ora** | **237** | **113** | **0.12443** | **0.00997** | **0.12942** |
| 5 | ol + c \| cs + e4o | 12 | 8 | 0.01789 | 0.21883 | 0.12731 |
| 6 | [yo]te4or | 28 | 9 | 0.11313 | 0.00455 | 0.11541 |
| 7 | c \| c[fptk] + e4o | 212 | 10 | 0.06664 | 0.08204 | 0.10766 |
| 8 | oi4n | 49 | 4 | 0.07742 | 0.04536 | 0.10010 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 9 | ce4o | 151 | 4 | 0.04714 | 0.08969 | 0.09199 |
| 10 | y c + e4ol | 39 | 12 | 0.06277 | 0.05217 | 0.08885 |
| 11 | [y o][fptk]e4o | 74 | 10 | 0.02915 | 0.08370 | 0.07100 |
| 12 | [tk]e4o | 207 | 71 | 0.06499 | 0.00386 | 0.06692 |
| 13 | [dlrsmg] + c \| c[s \| fptk] + e4o | 41 | 14 | 0.03212 | 0.06030 | 0.06227 |
| 14 | c \| cs + e0-4l | 548 | 5 | 0.00390 | 0.11664 | 0.06223 |
| 15 | [fptk][y o]lc | 70 | 54 | 0.02027 | 0.07598 | 0.05826 |
| 16 | c \| cs + e0-4r | 533 | 6 | 0.00585 | 0.10345 | 0.05758 |
| 17 | c \| cs + e0-4d | 559 | 7 | 0.00254 | 0.10882 | 0.05695 |
| 18 | oke0-4y | 1282 | 139 | 0.02738 | 0.05815 | 0.05646 |
| 19 | c \| cs + e0-4s | 570 | 9 | 0.00649 | 0.08199 | 0.04749 |
| 20 | opal variants | 42 | 25 | 0.00599 | 0.07598 | 0.04398 |
| 21 | oa | 310 | 161 | 0.01198 | 0.05754 | 0.04075 |
| 22 | te4o | 73 | 33 | 0.01675 | 0.04760 | 0.04055 |
| **23** | **aro[dlrsmg]** | **102** | **58** | **0.01299** | **0.05217** | **0.03907** |
| 24 | [y o]c + e4ody | 47 | 33 | 0.01967 | 0.03798 | 0.03866 |
| 25 | [dlrsmg] + ai4[lr] | 173 | 7 | 0.00392 | 0.05987 | 0.03386 |
| 26 | od[ao]i0-4n | 408 | 119 | 0.01299 | 0.02521 | 0.02559 |
| 27 | odai0-4n | 406 | 117 | 0.01091 | 0.02672 | 0.02427 |
| 28 | o[tk]e0-4y | 1989 | 242 | 0.00294 | 0.04111 | 0.02349 |
| 29 | olf | 24 | 20 | 0.01789 | 0.01050 | 0.02314 |
| 30 | od[fptk \| dlrsmg] minus odl | 27 | 26 | 0.00863 | 0.01513 | 0.01620 |
| 31 | [y o]d[ao]i0-4n | 446 | 131 | 0.01079 | 0.00583 | 0.01371 |
| 32 | y odai0-4n | 444 | 129 | 0.00888 | 0.00712 | 0.01245 |

Table 24.14: Leading Word Categories in Version #29, Ordered by Participation in the Ornate Canister Subsection of the Pharmacopeia

| # | Category | Word Count | Distinct Word Count | Section Affinity Score 4 | 1 | 2 | 3 | 4 | Pointed Top Difference | Ornate Difference |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ofor variants | 8 | 7 | 0.18456 | 0.22684 | 0.21859 | -0.03012 | -0.03836 | 0.26520 | 0.24870 |
| 2 | ofal variants | 9 | 7 | 0.15678 | 0.19906 | 0.19081 | -0.03012 | -0.03836 | 0.23743 | 0.22093 |
| 3 | otos variants | 16 | 10 | 0.12206 | 0.10184 | 0.15609 | -0.03012 | 0.02414 | 0.07770 | 0.18620 |
| 4 | opod variants | 6 | 6 | 0.10123 | 0.14350 | 0.13526 | -0.03012 | -0.03836 | 0.18187 | 0.16537 |
| 5 | y dai0-4l | 12 | 10 | 0.10123 | 0.14350 | 0.13526 | -0.03012 | -0.03836 | 0.18187 | 0.16537 |
| 6 | [y o][fptk]e4om | 12 | 4 | 0.18456 | 0.14350 | 0.13526 | -0.03012 | -0.03836 | 0.18187 | 0.16537 |
| 7 | y d[ao]i0-4l | 13 | 11 | 0.08841 | 0.13068 | 0.12244 | -0.03012 | -0.03836 | 0.16905 | 0.15255 |
| 8 | [dlrsmg] + ai4m | 14 | 3 | 0.07742 | 0.11970 | 0.11145 | -0.03012 | -0.03836 | 0.15806 | 0.14156 |
| 9 | ofas variants | 7 | 4 | 0.07742 | 0.11970 | 0.11145 | -0.03012 | -0.03836 | 0.15806 | 0.14156 |
| 10 | [y o]fc + e4ol | 8 | 5 | 0.05956 | 0.10184 | 0.09359 | -0.03012 | -0.03836 | 0.14020 | 0.12370 |
| 11 | ofai0-4n | 9 | 5 | 0.04567 | 0.08795 | 0.07970 | -0.03012 | -0.03836 | 0.12631 | 0.10982 |
| 12 | [dlrsmg]ai4m | 131 | 6 | 0.04906 | 0.06081 | 0.06783 | -0.02248 | -0.01546 | 0.07627 | 0.09031 |
| 13 | [y o]fai0-4n | 11 | 7 | 0.02547 | 0.06775 | 0.05950 | -0.03012 | -0.03836 | 0.10611 | 0.08961 |
| 14 | o[tk][ao]s | 66 | 37 | 0.02547 | 0.05260 | 0.05950 | -0.03012 | -0.02321 | 0.07581 | 0.08961 |
| 15 | okad variants | 11 | 9 | 0.02547 | -0.02316 | 0.05950 | -0.03012 | 0.05254 | -0.07571 | 0.08961 |
| 16 | dai4m | 111 | 3 | 0.05168 | 0.07594 | 0.06769 | -0.02111 | -0.02936 | 0.10529 | 0.08879 |
| 17 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 143 | 29 | 0.06743 | 0.04677 | 0.07348 | -0.00914 | 0.01758 | 0.02919 | 0.08262 |
| 18 | olf | 24 | 20 | 0.01789 | 0.06017 | 0.05192 | -0.03012 | -0.03836 | 0.09854 | 0.08204 |
| 19 | [y o]kc + e4ody | 24 | 10 | 0.01789 | 0.01850 | 0.05192 | -0.03012 | 0.00330 | 0.01520 | 0.08204 |
| 20 | o[fptk][ao]s | 75 | 43 | 0.01456 | 0.04350 | 0.04859 | -0.03012 | -0.02503 | 0.06854 | 0.07870 |
| 21 | eko | 38 | 28 | 0.09245 | 0.08210 | 0.07385 | -0.00380 | -0.01205 | 0.09415 | 0.07765 |
| 22 | okos variants | 13 | 5 | 0.01148 | 0.05376 | 0.04551 | -0.03012 | -0.03836 | 0.09213 | 0.07563 |
| 23 | okas variants | 14 | 9 | 0.00599 | 0.04827 | 0.04002 | -0.03012 | -0.03836 | 0.08663 | 0.07013 |
| 24 | [y o]fa | 56 | 38 | 0.04170 | 0.06612 | 0.05787 | -0.01226 | -0.02051 | 0.08663 | 0.07013 |
| 25 | opal variants | 42 | 25 | 0.00599 | 0.04827 | 0.04002 | -0.03012 | -0.03836 | 0.08663 | 0.07013 |
| 26 | [y o]te4os | 57 | 15 | 0.00474 | 0.01193 | 0.03876 | -0.03012 | -0.00328 | 0.01520 | 0.06888 |
| 27 | [y o][fptk]e4o | 74 | 10 | 0.02915 | 0.01738 | 0.04967 | -0.01660 | 0.01569 | 0.00169 | 0.06627 |
| 28 | e[tk]o | 64 | 48 | 0.04394 | 0.05496 | 0.04671 | -0.01449 | -0.02274 | 0.07770 | 0.06120 |
| 29 | odcey relatives | 32 | 28 | -0.00294 | 0.03934 | 0.03109 | -0.03012 | -0.03836 | 0.07770 | 0.06120 |
| 30 | [y o][fptk]e4os | 103 | 29 | 0.03165 | 0.00596 | 0.04626 | -0.01070 | 0.02960 | -0.02363 | 0.05696 |
| 31 | y ce4y | 52 | 12 | -0.00775 | -0.00393 | 0.02628 | -0.03012 | 0.00010 | -0.00403 | 0.05640 |
| 32 | y dai0-4n | 38 | 12 | -0.01281 | 0.00315 | 0.02122 | -0.03012 | -0.01205 | 0.01520 | 0.05134 |
| 33 | y d[ao]i0-4n | 38 | 12 | -0.01281 | 0.00315 | 0.02122 | -0.03012 | -0.01205 | 0.01520 | 0.05134 |
| 34 | [y o][fp][y oa] | 347 | 219 | 0.04407 | 0.03448 | 0.04640 | -0.00418 | 0.00774 | 0.02673 | 0.05058 |
| 35 | y dai0-4[lrm \| n] | 60 | 31 | 0.03456 | 0.02684 | 0.03526 | -0.01345 | -0.00503 | 0.03187 | 0.04870 |
| 36 | y d[ao]i0-4[lrm \| n] | 64 | 35 | 0.02831 | 0.02371 | 0.03109 | -0.01449 | -0.00711 | 0.03083 | 0.04558 |
| 37 | ai0-4[dlrsmg][dlrsmg] | 303 | 209 | 0.05007 | 0.04284 | 0.04120 | -0.00371 | -0.00536 | 0.04821 | 0.04491 |
| 38 | [y o]ce4y | 110 | 45 | -0.00180 | 0.01320 | 0.02313 | -0.02102 | -0.01109 | 0.02429 | 0.04416 |
| 39 | otas variants | 22 | 12 | -0.01999 | 0.02229 | 0.01404 | -0.03012 | -0.03836 | 0.06066 | 0.04416 |
| 40 | [dlrsmg] + ai4[lr] + y -suffix | 928 | 19 | 0.01538 | 0.03072 | 0.02893 | -0.01287 | -0.01466 | 0.04538 | 0.04181 |
| 41 | ety | 96 | 33 | -0.02377 | 0.01850 | 0.01026 | -0.03012 | -0.03836 | 0.05687 | 0.04037 |
| 42 | [dlrsmg]ai4[lr] | 777 | 12 | 0.01435 | 0.02961 | 0.02779 | -0.01210 | -0.01391 | 0.04352 | 0.03989 |
| 43 | [dlrsmg] + ai4[lr] | 173 | 7 | 0.00392 | 0.02308 | 0.02061 | -0.01855 | -0.02102 | 0.04410 | 0.03917 |
| 44 | om + o[fptk \| dlrsmg]am | 525 | 172 | 0.02789 | 0.03779 | 0.03145 | -0.00726 | -0.01360 | 0.05139 | 0.03870 |
| 45 | [dlrsmg \| fptk] + ai4[dlrsmg] | 1287 | 53 | 0.00760 | 0.02501 | 0.02298 | -0.01458 | -0.01661 | 0.04162 | 0.03755 |
| 46 | opai0-4n | 26 | 8 | -0.02698 | -0.02316 | 0.00705 | -0.03012 | 0.00010 | -0.02326 | 0.03717 |
| 47 | eto | 26 | 20 | -0.02698 | 0.01530 | 0.00705 | -0.03012 | -0.03836 | 0.05366 | 0.03717 |
| 48 | y ce4y + s infixes | 82 | 21 | -0.02885 | -0.01097 | 0.00517 | -0.03012 | -0.01397 | 0.00301 | 0.03529 |
| 49 | oce4y | 58 | 33 | 0.00353 | 0.02856 | 0.02031 | -0.01287 | -0.02112 | 0.04969 | 0.03319 |
| 50 | y ce4y + infixed versions | 87 | 25 | -0.00797 | -0.00017 | 0.01457 | -0.01862 | -0.00388 | 0.00371 | 0.03319 |
| 51 | [y o]pai0-4n | 31 | 12 | -0.03318 | -0.02316 | 0.00085 | -0.03012 | -0.00611 | -0.01705 | 0.03096 |
| 52 | [y o][fp]a | 193 | 110 | -0.00326 | 0.01829 | 0.01522 | -0.01457 | -0.01764 | 0.03593 | 0.02979 |
| 53 | sai4n | 214 | 4 | -0.00469 | 0.01422 | 0.01064 | -0.01610 | -0.01967 | 0.03389 | 0.02674 |
| 54 | [y o]ce4y + s infixes | 172 | 73 | -0.01893 | 0.00009 | 0.00347 | -0.01849 | -0.01511 | 0.01520 | 0.02196 |
| **55** | **oa** | **310** | **161** | **0.01198** | **0.01555** | **0.01698** | **-0.00431** | **-0.00288** | **0.01843** | **0.02129** |
| 56 | y odai0-4l | 141 | 77 | 0.00548 | 0.01939 | 0.01114 | -0.00884 | -0.01709 | 0.03648 | 0.01998 |
| 57 | [y o]c + e4ody | 47 | 33 | 0.01967 | 0.01939 | 0.01114 | -0.00884 | -0.01709 | 0.03648 | 0.01998 |
| 58 | edo | 97 | 69 | -0.00358 | 0.01808 | 0.00983 | -0.00950 | -0.01775 | 0.03582 | 0.01932 |
| 59 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 2906 | 77 | 0.01027 | 0.01951 | 0.01642 | -0.00087 | -0.00395 | 0.02346 | 0.01729 |
| 60 | o[fptk \| dlrsmg][ao]m | 282 | 107 | -0.00870 | 0.00875 | 0.00050 | -0.01593 | -0.02418 | 0.03293 | 0.01643 |
| 61 | ce4y | 671 | 4 | -0.00136 | 0.00515 | 0.01181 | -0.00329 | 0.00336 | 0.00179 | 0.01510 |
| 62 | [y o]tc + e4ol | 62 | 14 | -0.03318 | 0.00910 | 0.00085 | -0.01399 | -0.02224 | 0.03133 | 0.01483 |
| 63 | ek[y o] | 252 | 75 | 0.00202 | 0.00858 | 0.00827 | -0.00631 | -0.00662 | 0.01520 | 0.01458 |
| 64 | y odai0-4[lr] | 324 | 167 | -0.00988 | 0.00770 | 0.00254 | -0.01160 | -0.01676 | 0.02446 | 0.01414 |
| 65 | Single-Letter Words | 789 | 32 | -0.01221 | 0.00979 | 0.00534 | -0.00857 | -0.01302 | 0.02281 | 0.01391 |
| 66 | ai4n | 605 | 4 | -0.00098 | 0.00494 | 0.00330 | -0.00698 | -0.00861 | 0.01355 | 0.01027 |
| 67 | oce4y + s infixes | 90 | 52 | -0.00988 | 0.01017 | 0.00192 | -0.00789 | -0.01614 | 0.02631 | 0.00982 |
| 68 | oda | 834 | 352 | 0.00770 | 0.00801 | 0.00936 | -0.00014 | 0.00120 | 0.00681 | 0.00950 |
| 69 | y odai0-4[lrm \| n] | 803 | 322 | 0.00056 | 0.00673 | 0.00595 | -0.00272 | -0.00350 | 0.01022 | 0.00867 |
| 70 | aro[dlrsmg] | 102 | 58 | 0.01299 | 0.00625 | 0.00780 | -0.00070 | 0.00085 | 0.00540 | 0.00851 |
| 71 | odai0-4[lrm \| n] | 743 | 291 | -0.00218 | 0.00510 | 0.00358 | -0.00185 | -0.00337 | 0.00847 | 0.00543 |

Table 24.15: Leading Word Categories in Version #29, Ordered by Negative Affinity for the Ornate Canister Subsection of the Pharmacopeia

| # | Category | Word Count | Distinct Word Count | Section Affinity Score 4 | 1 | 2 | 3 | 4 | Pointed Top Difference | Ornate Difference |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | [yo]fc + e4ody | 2 | 2 | -0.06544 | -0.02316 | -0.03141 | 0.46988 | 0.46164 | -0.48480 | -0.50130 |
| 2 | opas variants | 4 | 4 | 0.18456 | -0.02316 | -0.03141 | 0.21988 | 0.21164 | -0.23480 | -0.25130 |
| 3 | cfe4y | 9 | 3 | 0.04567 | -0.02316 | -0.03141 | 0.19211 | 0.18386 | -0.20702 | -0.22352 |
| 4 | ofol variants | 9 | 8 | 0.26789 | -0.02316 | -0.03141 | 0.19211 | 0.18386 | -0.20702 | -0.22352 |
| **5** | **o + c \| cs + e4ol** | **47** | **32** | **0.10477** | **-0.02316** | **-0.03141** | **0.09754** | **0.08929** | **-0.11246** | **-0.12896** |
| 6 | ydai0-4r | 8 | 7 | 0.18456 | -0.02316 | -0.03141 | 0.09488 | 0.08664 | -0.10980 | -0.12630 |
| 7 | [yo]pc + e4o | 8 | 7 | 0.05956 | -0.02316 | -0.03141 | 0.09488 | 0.08664 | -0.10980 | -0.12630 |
| 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ory | 26 | 6 | 0.04994 | -0.02316 | -0.03141 | 0.08527 | 0.07702 | -0.10018 | -0.11668 |
| **9** | **or[lrsmg]** | **9** | **9** | **-0.06544** | **-0.02316** | **-0.03141** | **0.08100** | **0.07275** | **-0.09591** | **-0.11241** |
| 10 | yd[ao]i0-4r | 9 | 8 | 0.15678 | -0.02316 | -0.03141 | 0.08100 | 0.07275 | -0.09591 | -0.11241 |
| 11 | t[yo]lc | 9 | 9 | 0.04567 | -0.02316 | -0.03141 | 0.08100 | 0.07275 | -0.09591 | -0.11241 |
| 12 | [yo]te4ol | 96 | 25 | 0.11164 | -0.01275 | -0.00016 | 0.09488 | 0.10747 | -0.12021 | -0.09505 |
| 13 | okom variants | 11 | 4 | 0.02547 | -0.02316 | -0.03141 | 0.06079 | 0.05254 | -0.07571 | -0.09220 |
| **14** | **ol + c \| cs + e4o** | **12** | **8** | **0.01789** | **-0.02316** | **-0.03141** | **0.05322** | **0.04497** | **-0.06813** | **-0.08463** |
| 15 | os[dlrsmg] | 12 | 12 | 0.10123 | -0.02316 | -0.03141 | 0.05322 | 0.04497 | -0.06813 | -0.08463 |
| 16 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4oly | 37 | 16 | 0.06970 | 0.00387 | -0.00438 | 0.07799 | 0.06974 | -0.06588 | -0.08238 |
| 17 | ord | 13 | 11 | 0.01148 | -0.02316 | -0.03141 | 0.04681 | 0.03856 | -0.06172 | -0.07822 |
| **18** | **cpeo-initial** | **65** | **32** | **0.08841** | **0.00761** | **-0.00064** | **0.07758** | **0.06933** | **-0.06172** | **-0.07822** |
| 19 | yd[ao]i0-4[rm] | 13 | 12 | 0.08841 | -0.02316 | -0.03141 | 0.04681 | 0.03856 | -0.06172 | -0.07822 |
| **20** | **ola** | **221** | **94** | **0.05221** | **-0.00506** | **-0.01331** | **0.06038** | **0.05213** | **-0.05719** | **-0.07369** |
| 21 | [fptk]ai4m | 14 | 4 | 0.00599 | -0.02316 | -0.03141 | 0.04131 | 0.03306 | -0.05623 | -0.07272 |
| 22 | c \| cs + e0-4r | 14 | 3 | -0.06544 | -0.02316 | -0.03141 | 0.04131 | 0.03306 | -0.05623 | -0.07272 |
| **23** | **o + c \| cs + e4o[lr]** | **87** | **65** | **0.07249** | **-0.02316** | **-0.00842** | **0.06184** | **0.07658** | **-0.09974** | **-0.07026** |
| **24** | **ol[oa]** | **423** | **215** | **0.02676** | **-0.01371** | **-0.02195** | **0.04790** | **0.03965** | **-0.05335** | **-0.06985** |
| **25** | **olo** | **205** | **124** | **0.00285** | **-0.02316** | **-0.03141** | **0.03818** | **0.02993** | **-0.05309** | **-0.06959** |
| **26** | **ol[yo]** | **408** | **199** | **0.02280** | **-0.01581** | **-0.02161** | **0.04586** | **0.04007** | **-0.05588** | **-0.06747** |
| 27 | [fptk] + c \| c[s \| fptk] + e4o | 47 | 10 | -0.04416 | -0.02316 | -0.03141 | 0.03371 | 0.02546 | -0.04863 | -0.06513 |
| **28** | **oly** | **205** | **77** | **0.04188** | **-0.00853** | **-0.01190** | **0.05281** | **0.04944** | **-0.05797** | **-0.06471** |
| 29 | or[fptk \| dlrsmg] | 33 | 31 | -0.03514 | -0.02316 | -0.03141 | 0.03049 | 0.02224 | -0.04540 | -0.06190 |
| 30 | [yo][dlrsmg] + c \| cs + e4o | 17 | 13 | -0.00662 | -0.02316 | -0.03141 | 0.02871 | 0.02046 | -0.04362 | -0.06012 |
| 31 | c \| cs + e0-4s | 51 | 6 | -0.00662 | -0.02316 | -0.03141 | 0.02871 | 0.02046 | -0.04362 | -0.06012 |
| 32 | ce0-4s | 89 | 5 | 0.03568 | -0.01193 | -0.02018 | 0.03730 | 0.02905 | -0.04098 | -0.05748 |
| 33 | dody | 18 | 12 | -0.00988 | -0.02316 | -0.03141 | 0.02544 | 0.01719 | -0.04035 | -0.05685 |
| 34 | olp | 20 | 16 | -0.01544 | -0.02316 | -0.03141 | 0.01988 | 0.01164 | -0.03480 | -0.05130 |
| 35 | [yo]tc + e4o | 41 | 14 | -0.04105 | -0.02316 | -0.03141 | 0.01866 | 0.01042 | -0.03358 | -0.05008 |
| 36 | [yo][fptk \| dlrsmg] + c \| cs + e4o | 111 | 50 | -0.02940 | -0.02316 | -0.03141 | 0.01493 | 0.00668 | -0.02984 | -0.04634 |
| 37 | [yo][fptk]c + e0-4o | 95 | 38 | -0.03386 | -0.02316 | -0.03141 | 0.01199 | 0.00374 | -0.02690 | -0.04340 |
| **38** | **o[lr]o** | **315** | **195** | **0.01075** | **-0.01364** | **-0.01554** | **0.02703** | **0.02513** | **-0.03877** | **-0.04257** |
| 39 | et-initial | 26 | 19 | -0.02698 | -0.02316 | -0.03141 | 0.00835 | 0.00010 | -0.02326 | -0.03976 |
| **40** | **o[lr][yo]** | **607** | **312** | **0.03341** | **-0.00504** | **-0.00340** | **0.03578** | **0.03742** | **-0.04246** | **-0.03919** |
| 41 | ofar variants | 27 | 18 | -0.02840 | -0.02316 | -0.03141 | 0.00692 | -0.00133 | -0.02183 | -0.03833 |
| 42 | [yo]tc + e4or | 58 | 12 | -0.04820 | -0.02316 | -0.03141 | 0.00437 | -0.00388 | -0.01928 | -0.03578 |
| 43 | cse4o | 184 | 3 | 0.02152 | -0.01773 | -0.00424 | 0.02967 | 0.04316 | -0.06088 | -0.03390 |
| 44 | [yo]py | 31 | 14 | -0.00092 | -0.02316 | -0.03141 | 0.00214 | -0.00611 | -0.01705 | -0.03355 |
| 45 | ocse4y | 32 | 19 | -0.03419 | -0.02316 | -0.03141 | 0.00113 | -0.00711 | -0.01605 | -0.03255 |
| 46 | ope0-4y | 32 | 15 | -0.00294 | -0.02316 | -0.03141 | 0.00113 | -0.00711 | -0.01605 | -0.03255 |
| 47 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4od | 65 | 21 | -0.00390 | -0.00778 | -0.01603 | 0.01604 | 0.00779 | -0.01557 | -0.03206 |
| 48 | o[tk]e4s | 99 | 46 | -0.03514 | -0.02316 | -0.03141 | 0.00019 | -0.00806 | -0.01510 | -0.03160 |
| 49 | [fptk][yo]lc | 70 | 54 | 0.02027 | -0.00888 | -0.00284 | 0.02703 | 0.03306 | -0.04194 | -0.02987 |
| 50 | te4o | 73 | 33 | 0.01675 | -0.00946 | -0.00401 | 0.02468 | 0.03013 | -0.03959 | -0.02869 |
| 51 | [yo]te4od | 148 | 42 | 0.01564 | -0.02316 | -0.01790 | 0.01042 | 0.01569 | -0.03885 | -0.02832 |
| 52 | sc-initial | 92 | 56 | -0.02196 | -0.01229 | -0.02054 | 0.00249 | -0.00576 | -0.00654 | -0.02303 |
| 53 | [yo][fptk]c + e0-4or | 132 | 37 | -0.02756 | -0.00801 | -0.01626 | 0.00019 | -0.00806 | 0.00005 | -0.01645 |
| 54 | otor variants | 113 | 28 | 0.01421 | 0.00339 | -0.00486 | 0.00528 | -0.00297 | 0.00635 | -0.01015 |
| 55 | o[tk]e0-4y | 1989 | 242 | 0.00294 | -0.00456 | -0.00125 | 0.00407 | 0.00739 | -0.01195 | -0.00532 |
| 56 | odai0-4m | 33 | 24 | -0.00483 | 0.00714 | -0.00111 | 0.00019 | -0.00806 | 0.01520 | -0.00130 |

Table 24.16: Leading Word Categories in Version #29 for Flat-Topped Containers, Ordered by Participation in the Ornate Canister Distribution

| # | Category | Word Count | Distinct Word Count | Section Affinity Score 4 | 1 | 2 | 3 | 4 | Pointed Top Difference | Ornate Difference | Ornate vs Non-Ornate within Non-Pointed Top Set |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | okad variants | 11 | 9 | 0.02547 | -0.02316 | 0.05950 | -0.03012 | 0.05254 | -0.07571 | 0.08961 | 0.08266 |
| 2 | otos variants | 16 | 10 | 0.12206 | 0.10184 | 0.15609 | -0.03012 | 0.02414 | 0.07770 | 0.18620 | 0.05425 |
| 3 | [yo][fptk]e4os | 103 | 29 | 0.03165 | 0.00596 | 0.04626 | -0.01070 | 0.02960 | -0.02363 | 0.05696 | 0.04029 |
| 4 | [yo]kc + e4ody | 24 | 10 | 0.01789 | 0.01850 | 0.05192 | -0.03012 | 0.00330 | 0.01520 | 0.08204 | 0.03342 |
| 5 | [yo][fptk]e4o | 74 | 10 | 0.02915 | 0.01738 | 0.04967 | -0.01660 | 0.01569 | 0.00169 | 0.06627 | 0.03229 |
| 6 | yce4y | 52 | 12 | -0.00775 | -0.00393 | 0.02628 | -0.03012 | 0.00010 | -0.00403 | 0.05640 | 0.03021 |
| 7 | opai0-4n | 26 | 8 | -0.02698 | -0.02316 | 0.00705 | -0.03012 | 0.00010 | -0.02326 | 0.03717 | 0.03021 |
| 8 | [yo]te4os | 57 | 15 | 0.00474 | 0.01193 | 0.03876 | -0.03012 | -0.00328 | 0.01520 | 0.06888 | 0.02684 |
| 9 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 143 | 29 | 0.06743 | 0.04677 | 0.07348 | -0.00914 | 0.01758 | 0.02919 | 0.08262 | 0.02672 |
| 10 | [yo]pai0-4n | 31 | 12 | -0.03318 | -0.02316 | 0.00085 | -0.03012 | -0.00611 | -0.01705 | 0.03096 | 0.02401 |
| 11 | yd[ao]i0-4n | 38 | 12 | -0.01281 | 0.00315 | 0.02122 | -0.03012 | -0.01205 | 0.01520 | 0.05134 | 0.01807 |
| 12 | ydai0-4n | 38 | 12 | -0.01281 | 0.00315 | 0.02122 | -0.03012 | -0.01205 | 0.01520 | 0.05134 | 0.01807 |
| 13 | yce4y + s infixes | 82 | 21 | -0.02885 | -0.01097 | 0.00517 | -0.03012 | -0.01397 | 0.00301 | 0.03529 | 0.01614 |
| 14 | [yo]te4o | 43 | 10 | -0.01893 | -0.02316 | -0.00816 | -0.03012 | -0.01511 | -0.00805 | 0.02196 | 0.01501 |
| 15 | yce4y + infixed versions | 87 | 25 | -0.00797 | -0.00017 | 0.01457 | -0.01862 | -0.00388 | 0.00371 | 0.03319 | 0.01474 |
| 16 | [yo][fp][yoa] | 347 | 219 | 0.04407 | 0.03448 | 0.04640 | -0.00418 | 0.00774 | 0.02673 | 0.05058 | 0.01192 |
| 17 | [yo]ce4y | 110 | 45 | -0.00180 | 0.01320 | 0.02313 | -0.02102 | -0.01109 | 0.02429 | 0.04416 | 0.00993 |
| 18 | c \| cs + e0-4r | 533 | 6 | 0.00585 | 0.00686 | 0.01549 | -0.00197 | 0.00666 | 0.00019 | 0.01747 | 0.00864 |
| 19 | ydai0-4[lrm \| n] | 60 | 31 | 0.03456 | 0.02684 | 0.03526 | -0.01345 | -0.00503 | 0.03187 | 0.04870 | 0.00842 |
| 20 | c \| cs + e0-4l | 548 | 5 | 0.00390 | 0.00604 | 0.01421 | -0.00457 | 0.00361 | 0.00243 | 0.01878 | 0.00817 |
| 21 | c \| cs + e0-4d | 559 | 7 | 0.00254 | 0.00546 | 0.01331 | -0.00507 | 0.00278 | 0.00268 | 0.01838 | 0.00785 |
| 22 | c \| cs + e0-4s | 570 | 9 | 0.00649 | 0.00491 | 0.01245 | -0.00029 | 0.00725 | -0.00234 | 0.01274 | 0.00754 |
| 23 | yd[ao]i0-4[lrm \| n] | 64 | 35 | 0.02831 | 0.02371 | 0.03109 | -0.01449 | -0.00711 | 0.03083 | 0.04558 | 0.00738 |
| 24 | [yo][fptk]c + e4ody | 64 | 30 | -0.03419 | -0.00754 | -0.00016 | -0.01449 | -0.00711 | -0.00042 | 0.01433 | 0.00738 |
| 25 | [dlrsmg]ai4m | 131 | 6 | 0.04906 | 0.06081 | 0.06783 | -0.02248 | -0.01546 | 0.07627 | 0.09031 | 0.00702 |
| 26 | o[tk][ao]s | 66 | 37 | 0.02547 | 0.05260 | 0.05950 | -0.03012 | -0.02321 | 0.07581 | 0.08961 | 0.00690 |
| 27 | ce4y | 671 | 4 | -0.00136 | 0.00515 | 0.01181 | -0.00329 | 0.00336 | 0.00179 | 0.01510 | 0.00665 |
| 28 | rc-initial | 70 | 35 | -0.02258 | -0.00888 | -0.00284 | -0.01583 | -0.00979 | 0.00092 | 0.01299 | 0.00604 |
| 29 | c \| cs + e0-4[dlrsmg] | 653 | 18 | -0.00265 | 0.00134 | 0.00687 | -0.00255 | 0.00298 | -0.00164 | 0.00942 | 0.00553 |
| 30 | o[fptk][ao]s | 75 | 43 | 0.01456 | 0.04350 | 0.04859 | -0.03012 | -0.02503 | 0.06854 | 0.07870 | 0.00508 |
| 31 | [yo]ce4y + s infixes | 172 | 73 | -0.01893 | 0.00009 | 0.00347 | -0.01849 | -0.01511 | 0.01520 | 0.02196 | 0.00338 |
| 32 | otod variants | 86 | 32 | -0.00730 | -0.01153 | -0.00816 | -0.01849 | -0.01511 | 0.00358 | 0.01033 | 0.00338 |
| 33 | aro[dlrsmg] | 102 | 58 | 0.01299 | 0.00625 | 0.00780 | -0.00070 | 0.00085 | 0.00540 | 0.00851 | 0.00155 |
| 34 | oa | 310 | 161 | 0.01198 | 0.01555 | 0.01698 | -0.00431 | -0.00288 | 0.01843 | 0.02129 | 0.00143 |
| 35 | oda | 834 | 352 | 0.00770 | 0.00801 | 0.00936 | -0.00014 | 0.00120 | 0.00681 | 0.00950 | 0.00134 |
| 36 | eky | 214 | 47 | -0.01404 | -0.00447 | -0.00337 | -0.00675 | -0.00565 | 0.00118 | 0.00338 | 0.00110 |

Table 24.17: Leading Word Categories in Version #29, Ordered by Participation in the Pointed Top Canister Subsection of the Pharmacopeia

| # | Category | Word Count | Distinct Word Count | Section Affinity Score 4 | 1 | 2 | 3 | 4 | Pointed Top Difference | Ornate Difference | Pointed Component |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ofor variants | 8 | 7 | 0.18456 | 0.22684 | 0.21859 | -0.03012 | -0.03836 | 0.26520 | 0.24870 | 0.01650 |
| 2 | ofal variants | 9 | 7 | 0.15678 | 0.19906 | 0.19081 | -0.03012 | -0.03836 | 0.23743 | 0.22093 | 0.01650 |
| 3 | [yo][fptk]e4om | 12 | 4 | 0.18456 | 0.14350 | 0.13526 | -0.03012 | -0.03836 | 0.18187 | 0.16537 | 0.01650 |
| 4 | ydai0-4l | 12 | 10 | 0.10123 | 0.14350 | 0.13526 | -0.03012 | -0.03836 | 0.18187 | 0.16537 | 0.01650 |
| 5 | opod variants | 6 | 6 | 0.10123 | 0.14350 | 0.13526 | -0.03012 | -0.03836 | 0.18187 | 0.16537 | 0.01650 |
| 6 | opol variants | 25 | 15 | 0.17456 | 0.17684 | 0.16859 | 0.00988 | 0.00164 | 0.17520 | 0.15870 | 0.01650 |
| 7 | yd[ao]i0-4l | 13 | 11 | 0.08841 | 0.13068 | 0.12244 | -0.03012 | -0.03836 | 0.16905 | 0.15255 | 0.01650 |
| 8 | [yo]fo | 28 | 26 | 0.18456 | 0.15541 | 0.14716 | 0.00560 | -0.00265 | 0.15806 | 0.14156 | 0.01650 |
| 9 | [dlrsmg] + ai4m | 14 | 3 | 0.07742 | 0.11970 | 0.11145 | -0.03012 | -0.03836 | 0.15806 | 0.14156 | 0.01650 |
| 10 | ofas variants | 7 | 4 | 0.07742 | 0.11970 | 0.11145 | -0.03012 | -0.03836 | 0.15806 | 0.14156 | 0.01650 |
| 11 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 48 | 12 | 0.14289 | 0.14350 | 0.13526 | 0.01155 | 0.00330 | 0.14020 | 0.12370 | 0.01650 |
| 12 | [yo]fc + e4ol | 8 | 5 | 0.05956 | 0.10184 | 0.09359 | -0.03012 | -0.03836 | 0.14020 | 0.12370 | 0.01650 |
| 13 | ofai0-4n | 9 | 5 | 0.04567 | 0.08795 | 0.07970 | -0.03012 | -0.03836 | 0.12631 | 0.10982 | 0.01649 |
| 14 | [yo]fai0-4n | 11 | 7 | 0.02547 | 0.06775 | 0.05950 | -0.03012 | -0.03836 | 0.10611 | 0.08961 | 0.01650 |
| 15 | dai4m | 111 | 3 | 0.05168 | 0.07594 | 0.06769 | -0.02111 | -0.02936 | 0.10529 | 0.08879 | 0.01650 |
| 16 | olf | 24 | 20 | 0.01789 | 0.06017 | 0.05192 | -0.03012 | -0.03836 | 0.09854 | 0.08204 | 0.01650 |
| 17 | eko | 38 | 28 | 0.09245 | 0.08210 | 0.07385 | -0.00380 | -0.01205 | 0.09415 | 0.07765 | 0.01650 |
| 18 | [yo]e4[fp] | 26 | 25 | 0.16533 | 0.13068 | 0.12244 | 0.04681 | 0.03856 | 0.09213 | 0.07563 | 0.01650 |
| 19 | okos variants | 13 | 5 | 0.01148 | 0.05376 | 0.04551 | -0.03012 | -0.03836 | 0.09213 | 0.07563 | 0.01650 |
| 20 | opal variants | 42 | 25 | 0.00599 | 0.04827 | 0.04002 | -0.03012 | -0.03836 | 0.08663 | 0.07013 | 0.01650 |
| 21 | [yo]fa | 56 | 38 | 0.04170 | 0.06612 | 0.05787 | -0.01226 | -0.02051 | 0.08663 | 0.07013 | 0.01650 |
| 22 | okas variants | 14 | 9 | 0.00599 | 0.04827 | 0.04002 | -0.03012 | -0.03836 | 0.08663 | 0.07013 | 0.01650 |
| 23 | cfeo-initial | 15 | 9 | 0.13456 | 0.11017 | 0.10192 | 0.03655 | 0.02830 | 0.08187 | 0.06537 | 0.01650 |
| 24 | otos variants | 16 | 10 | 0.12206 | 0.10184 | 0.15609 | -0.03012 | 0.02414 | 0.07770 | 0.18620 | -0.10850 |
| 25 | odcey relatives | 32 | 28 | -0.00294 | 0.03934 | 0.03109 | -0.03012 | -0.03836 | 0.07770 | 0.06120 | 0.01650 |
| 26 | [yo]pc + e4or | 16 | 6 | 0.12206 | 0.10184 | 0.09359 | 0.03238 | 0.02414 | 0.07770 | 0.06120 | 0.01650 |
| 27 | e[tk]o | 64 | 48 | 0.04394 | 0.05496 | 0.04671 | -0.01449 | -0.02274 | 0.07770 | 0.06120 | 0.01650 |
| 28 | [dlrsmg]ai4m | 131 | 6 | 0.04906 | 0.06081 | 0.06783 | -0.02248 | -0.01546 | 0.07627 | 0.09031 | -0.01404 |
| 29 | o[tk][ao]s | 66 | 37 | 0.02547 | 0.05260 | 0.05950 | -0.03012 | -0.02321 | 0.07581 | 0.08961 | -0.01380 |
| 30 | o[fptk][ao]s | 75 | 43 | 0.01456 | 0.04350 | 0.04859 | -0.03012 | -0.02503 | 0.06854 | 0.07870 | -0.01016 |
| 31 | ydai0-4[lr] | 20 | 17 | 0.13456 | 0.07684 | 0.06859 | 0.01988 | 0.01164 | 0.06520 | 0.04870 | 0.01650 |
| 32 | otas variants | 22 | 12 | -0.01999 | 0.02229 | 0.01404 | -0.03012 | -0.03836 | 0.06066 | 0.04416 | 0.01650 |
| 33 | yd[ao]i0-4[lr] | 22 | 19 | 0.11638 | 0.06775 | 0.05950 | 0.01534 | 0.00709 | 0.06066 | 0.04416 | 0.01650 |
| 34 | ety | 96 | 33 | -0.02377 | 0.01850 | 0.01026 | -0.03012 | -0.03836 | 0.05687 | 0.04037 | 0.01650 |
| 35 | om | 195 | 93 | 0.05251 | 0.05376 | 0.05064 | 0.00065 | -0.00247 | 0.05623 | 0.04999 | 0.00624 |
| 36 | eto | 26 | 20 | -0.02698 | 0.01530 | 0.00705 | -0.03012 | -0.03836 | 0.05366 | 0.03717 | 0.01649 |
| 37 | om + o[fptk \| dlrsmg]am | 525 | 172 | 0.02789 | 0.03779 | 0.03145 | -0.00726 | -0.01360 | 0.05139 | 0.03870 | 0.01269 |
| 38 | [yo]e4 \| c + [fp] | 84 | 73 | 0.06551 | 0.06017 | 0.05192 | 0.01750 | 0.00925 | 0.05092 | 0.03442 | 0.01650 |
| 39 | oce4y | 58 | 33 | 0.00353 | 0.02856 | 0.02031 | -0.01287 | -0.02112 | 0.04969 | 0.03319 | 0.01650 |
| 40 | ai0-4[dlrsmg][dlrsmg] | 303 | 209 | 0.05007 | 0.04284 | 0.04120 | -0.00371 | -0.00536 | 0.04821 | 0.04491 | 0.00330 |
| 41 | [dlrsmg] + ai4[lr] + y-suffix | 928 | 19 | 0.01538 | 0.03072 | 0.02893 | -0.01287 | -0.01466 | 0.04538 | 0.04181 | 0.00357 |
| 42 | [dlrsmg] + ai4[lr] | 173 | 7 | 0.00392 | 0.02308 | 0.02061 | -0.01855 | -0.02102 | 0.04410 | 0.03917 | 0.00493 |
| 43 | [dlrsmg]ai4[lr] | 777 | 12 | 0.01435 | 0.02961 | 0.02779 | -0.01210 | -0.01391 | 0.04352 | 0.03989 | 0.00363 |
| **44** | **oy** | **148** | **92** | **0.08997** | **0.06468** | **0.07670** | **0.01042** | **0.02245** | **0.04223** | **0.06627** | **-0.02404** |
| 45 | eka | 186 | 76 | -0.03856 | 0.00372 | -0.00453 | -0.03012 | -0.03836 | 0.04208 | 0.02559 | 0.01649 |
| 46 | [dlrsmg \| fptk] + ai4[dlrsmg] | 1287 | 53 | 0.00760 | 0.02501 | 0.02298 | -0.01458 | -0.01661 | 0.04162 | 0.03755 | 0.00407 |
| 47 | yc + e4o | 38 | 9 | 0.06614 | 0.05579 | 0.04754 | 0.02252 | 0.01427 | 0.04152 | 0.02502 | 0.01650 |
| 48 | o[fptk]d | 38 | 31 | -0.01281 | 0.00315 | -0.00510 | -0.03012 | -0.03836 | 0.04152 | 0.02502 | 0.01650 |
| 49 | [yo]c + e4ody | 47 | 33 | 0.01967 | 0.01939 | 0.01114 | -0.00884 | -0.01709 | 0.03648 | 0.01998 | 0.01650 |
| 50 | yodai0-4l | 141 | 77 | 0.00548 | 0.01939 | 0.01114 | -0.00884 | -0.01709 | 0.03648 | 0.01998 | 0.01650 |
| 51 | [yo][fp]a | 193 | 110 | -0.00326 | 0.01829 | 0.01522 | -0.01457 | -0.01764 | 0.03593 | 0.02979 | 0.00614 |
| **52** | **edo** | **97** | **69** | **-0.00358** | **0.01808** | **0.00983** | **-0.00950** | **-0.01775** | **0.03582** | **0.01932** | **0.01650** |
| 53 | sai4n | 214 | 4 | -0.00469 | 0.01422 | 0.01064 | -0.01610 | -0.01967 | 0.03389 | 0.02674 | 0.00715 |
| 54 | o[fptk \| dlrsmg][ao]m | 282 | 107 | -0.00870 | 0.00875 | 0.00050 | -0.01593 | -0.02418 | 0.03293 | 0.01643 | 0.01650 |
| 55 | ydai0-4[lrm \| n] | 60 | 31 | 0.03456 | 0.02684 | 0.03526 | -0.01345 | -0.00503 | 0.03187 | 0.04870 | -0.01683 |
| 56 | [yo]tc + e4ol | 62 | 14 | -0.03318 | 0.00910 | 0.00085 | -0.01399 | -0.02224 | 0.03133 | 0.01483 | 0.01650 |
| 57 | yd[ao]i0-4[lrm \| n] | 64 | 35 | 0.02831 | 0.02371 | 0.03109 | -0.01449 | -0.00711 | 0.03083 | 0.04558 | -0.01475 |
| 58 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 143 | 29 | 0.06743 | 0.04677 | 0.07348 | -0.00914 | 0.01758 | 0.02919 | 0.08262 | -0.05343 |
| 59 | [yo]e0-4[fp]e0-4[yo] | 167 | 122 | 0.11420 | 0.06666 | 0.09434 | 0.01180 | 0.03948 | 0.02718 | 0.08254 | -0.05536 |
| 60 | [yo][fp][yoa] | 347 | 219 | 0.04407 | 0.03448 | 0.04640 | -0.00418 | 0.00774 | 0.02673 | 0.05058 | -0.02385 |
| 61 | oce4y + s infixes | 90 | 52 | -0.00988 | 0.01017 | 0.00192 | -0.00789 | -0.01614 | 0.02631 | 0.00982 | 0.01649 |
| 62 | yodai0-4[lr] | 324 | 167 | -0.00988 | 0.00770 | 0.00254 | -0.01160 | -0.01676 | 0.02446 | 0.01414 | 0.01032 |
| 63 | [yo]ce4y | 110 | 45 | -0.00180 | 0.01320 | 0.02313 | -0.02102 | -0.01109 | 0.02429 | 0.04416 | -0.01987 |
| 64 | [yo][fp]o | 112 | 85 | 0.14885 | 0.08398 | 0.12930 | 0.01453 | 0.05985 | 0.02413 | 0.11478 | -0.09065 |
| **65** | **olar variants** | **474** | **64** | **-0.02114** | **0.00215** | **-0.00188** | **-0.01746** | **-0.02149** | **0.02364** | **0.01558** | **0.00806** |
| 66 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 2906 | 77 | 0.01027 | 0.01951 | 0.01642 | -0.00087 | -0.00395 | 0.02346 | 0.01729 | 0.00617 |
| 67 | odai0-4l | 129 | 67 | -0.00342 | 0.00785 | -0.00040 | -0.00686 | -0.01511 | 0.02296 | 0.00646 | 0.01650 |
| 68 | Single-Letter Words | 789 | 32 | -0.01221 | 0.00979 | 0.00534 | -0.00857 | -0.01302 | 0.02281 | 0.01391 | 0.00890 |
| 69 | [yo][fptk]c + e0-4ol | 149 | 41 | 0.00167 | 0.01711 | 0.00886 | 0.00344 | -0.00481 | 0.02191 | 0.00542 | 0.01649 |
| 70 | odai0-4[lr] | 304 | 150 | -0.01939 | 0.00315 | -0.00181 | -0.01367 | -0.01863 | 0.02178 | 0.01186 | 0.00992 |
| 71 | [yo]d[ao]i0-4l | 163 | 93 | 0.02045 | 0.01978 | 0.01153 | 0.00669 | -0.00156 | 0.02134 | 0.00484 | 0.01650 |
| 72 | oa | 310 | 161 | 0.01198 | 0.01555 | 0.01698 | -0.00431 | -0.00288 | 0.01843 | 0.02129 | -0.00286 |
| 73 | yc[s \| fptk]e4y | 35 | 13 | -0.00830 | 0.00541 | -0.00284 | -0.00154 | -0.00979 | 0.01520 | -0.00130 | 0.01650 |
| 74 | orcey relatives | 49 | 38 | 0.03660 | 0.01765 | 0.00941 | 0.01070 | 0.00245 | 0.01520 | -0.00130 | 0.01650 |
| 75 | [yo]fai0-4[rn] | 38 | 25 | -0.01281 | 0.00315 | -0.00510 | -0.00380 | -0.01205 | 0.01520 | -0.00130 | 0.01650 |
| 76 | [yo]d[ao]i0-4m | 38 | 29 | -0.01281 | 0.00315 | -0.00510 | -0.00380 | -0.01205 | 0.01520 | -0.00130 | 0.01650 |
| 77 | od[ao]i0-4m | 34 | 25 | -0.00662 | 0.00625 | -0.00200 | -0.00070 | -0.00895 | 0.01520 | -0.00130 | 0.01650 |
| 78 | yd[ao]i0-4n | 38 | 12 | -0.01281 | 0.00315 | 0.02122 | -0.03012 | -0.01205 | 0.01520 | 0.05134 | -0.03614 |
| 79 | ydai0-4n | 38 | 12 | -0.01281 | 0.00315 | 0.02122 | -0.03012 | -0.01205 | 0.01520 | 0.05134 | -0.03614 |
| 80 | yc[fptk]e4y | 5 | 4 | 0.33456 | 0.17684 | 0.16859 | 0.16988 | 0.16164 | 0.01520 | -0.00130 | 0.01650 |
| 81 | odai0-4m | 33 | 24 | -0.00483 | 0.00714 | -0.00111 | 0.00019 | -0.00806 | 0.01520 | -0.00130 | 0.01650 |
| 82 | [yo]ce4y + s infixes | 172 | 73 | -0.01893 | 0.00009 | 0.00347 | -0.01849 | -0.01511 | 0.01520 | 0.02196 | -0.00676 |
| 83 | ek[yo] | 252 | 75 | 0.00202 | 0.00858 | 0.00827 | -0.00631 | -0.00662 | 0.01520 | 0.01458 | 0.00062 |
| 84 | yodai0-4m | 35 | 26 | -0.00830 | 0.00541 | -0.00284 | -0.00154 | -0.00979 | 0.01520 | -0.00130 | 0.01650 |
| 85 | oe0-4[fp]oe0-4[lr] | 66 | 41 | 0.16183 | 0.08290 | 0.10495 | 0.04564 | 0.06770 | 0.01520 | 0.05931 | -0.04411 |
| 86 | cpe4y | 24 | 4 | 0.01789 | 0.01850 | 0.01026 | 0.01155 | 0.00330 | 0.01520 | -0.00130 | 0.01650 |
| 87 | [yo]kc + e4ol | 53 | 14 | 0.01003 | 0.01457 | 0.00632 | 0.00762 | -0.00063 | 0.01520 | -0.00130 | 0.01650 |
| 88 | [yo]kc + e4ody | 24 | 10 | 0.01789 | 0.01850 | 0.05192 | -0.03012 | 0.00330 | 0.01520 | 0.08204 | -0.06684 |
| 89 | [yo]c[fp] | 59 | 49 | 0.03626 | 0.02769 | 0.01944 | 0.02073 | 0.01248 | 0.01520 | -0.00130 | 0.01650 |
| 90 | [yo]te4os | 57 | 15 | 0.00474 | 0.01193 | 0.03876 | -0.03012 | -0.00328 | 0.01520 | 0.06888 | -0.05368 |
| 91 | o + c \| cs + e4o | 23 | 19 | 0.10847 | 0.06379 | 0.05555 | 0.05684 | 0.04859 | 0.01520 | -0.00130 | 0.01650 |
| 92 | or + c \| cs + e4o[lr] | 11 | 10 | 0.29820 | 0.15866 | 0.24132 | 0.06079 | 0.14345 | 0.01520 | 0.18052 | -0.16532 |
| 93 | ol + c \| cs + e4ody | 8 | 7 | 0.30956 | 0.10184 | 0.09359 | 0.09488 | 0.08664 | 0.01520 | -0.00130 | 0.01650 |
| 94 | od[fptk \| dlrsmg] minus odl | 27 | 26 | 0.00863 | 0.01388 | 0.00563 | 0.00692 | -0.00133 | 0.01520 | -0.00130 | 0.01650 |
| 95 | ai4n | 605 | 4 | -0.00098 | 0.00494 | 0.00330 | -0.00698 | -0.00861 | 0.01355 | 0.01027 | 0.00328 |
| 96 | [yo]d[ao]i0-4[lr] | 370 | 198 | 0.01024 | 0.01197 | 0.00643 | 0.00502 | -0.00053 | 0.01250 | 0.00141 | 0.01109 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 97 | yodai0-4[lrm \| n] | 803 | 322 | 0.00056 | 0.00673 | 0.00595 | -0.00272 | -0.00350 | 0.01022 | 0.00867 | 0.00155 |
| 98 | od[ao]i0-4r | 198 | 97 | -0.00483 | 0.00714 | 0.00394 | 0.00019 | -0.00301 | 0.01015 | 0.00375 | 0.00640 |
| 99 | od[ao]i0-4[lr] | 348 | 179 | 0.00353 | 0.00845 | 0.00307 | 0.00437 | -0.00101 | 0.00946 | -0.00130 | 0.01076 |
| 100 | [dlrsmg \| fptk] + ai4n | 1619 | 24 | 0.01239 | 0.01513 | 0.01121 | 0.01003 | 0.00611 | 0.00903 | 0.00118 | 0.00785 |
| 101 | od[ao]i0-4l | 150 | 82 | 0.01456 | 0.01017 | 0.00192 | 0.00988 | 0.00164 | 0.00854 | -0.00796 | 0.01650 |
| 102 | odai0-4[lrm \| n] | 743 | 291 | -0.00218 | 0.00510 | 0.00358 | -0.00185 | -0.00337 | 0.00847 | 0.00543 | 0.00304 |
| 103 | oy + oe4y | 240 | 143 | 0.09706 | 0.04767 | 0.06442 | 0.02405 | 0.04080 | 0.00687 | 0.04037 | -0.03350 |
| 104 | oda | 834 | 352 | 0.00770 | 0.00801 | 0.00936 | -0.00014 | 0.00120 | 0.00681 | 0.00950 | -0.00269 |
| 105 | otor variants | 113 | 28 | 0.01421 | 0.00339 | -0.00486 | 0.00528 | -0.00297 | 0.00635 | -0.01015 | 0.01650 |
| 106 | [yo]d[ao]i0-4[lrm \| n] | 854 | 358 | 0.00950 | 0.00845 | 0.00723 | 0.00384 | 0.00262 | 0.00584 | 0.00339 | 0.00245 |
| 107 | [yo]d[ao]i0-4r | 207 | 105 | 0.00219 | 0.00582 | 0.00241 | 0.00370 | 0.00028 | 0.00554 | -0.00130 | 0.00684 |
| **108** | **aro[dlrsmg]** | **102** | **58** | **0.01299** | **0.00625** | **0.00780** | **-0.00070** | **0.00085** | **0.00540** | **0.00851** | **-0.00311** |
| 109 | dai4n | 1099 | 4 | 0.03283 | 0.02415 | 0.02045 | 0.02357 | 0.01987 | 0.00428 | -0.00312 | 0.00740 |
| 110 | od[ao]i0-4[lrm \| n] | 790 | 323 | 0.00798 | 0.00722 | 0.00530 | 0.00533 | 0.00341 | 0.00381 | -0.00003 | 0.00384 |
| 111 | ko | 172 | 78 | 0.08572 | 0.04079 | 0.05580 | 0.02221 | 0.03722 | 0.00358 | 0.03359 | -0.03001 |
| 112 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 422 | 41 | 0.06963 | 0.02897 | 0.03731 | 0.01728 | 0.02562 | 0.00335 | 0.02003 | -0.01668 |
| 113 | ce4o | 151 | 4 | 0.04714 | 0.02320 | 0.04144 | 0.00300 | 0.02124 | 0.00196 | 0.03844 | -0.03648 |
| 114 | ce4y | 671 | 4 | -0.00136 | 0.00515 | 0.01181 | -0.00329 | 0.00336 | 0.00179 | 0.01510 | -0.01331 |
| 115 | [yo][fptk]e4o | 74 | 10 | 0.02915 | 0.01738 | 0.04967 | -0.01660 | 0.01569 | 0.00169 | 0.06627 | -0.06458 |
| 116 | e-initial | 146 | 104 | 0.03045 | 0.01793 | 0.01653 | 0.01783 | 0.01643 | 0.00150 | -0.00130 | 0.00280 |

Table 24.18: Leading Word Categories in Version #29, Ordered by Participation in the Flat Top Canister Subsection of the Pharmacopeia

| # | Category | Word Count | Distinct Word Count | Section Affinity Score 4 | 1 | 2 | 3 | 4 | Pointed Top Difference | Ornate Difference |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | [yo]fc + e4ody | 2 | 2 | -0.06544 | -0.02316 | -0.03141 | 0.46988 | 0.46164 | -0.48480 | -0.50130 |
| 2 | opas variants | 4 | 4 | 0.18456 | -0.02316 | -0.03141 | 0.21988 | 0.21164 | -0.23480 | -0.25130 |
| 3 | [yo]ke4ol | 214 | 37 | 0.31774 | 0.05628 | 0.08074 | 0.24091 | 0.26537 | -0.20910 | -0.16017 |
| 4 | cfe4y | 9 | 3 | 0.04567 | -0.02316 | -0.03141 | 0.19211 | 0.18386 | -0.20702 | -0.22352 |
| 5 | ofol variants | 9 | 8 | 0.26789 | -0.02316 | -0.03141 | 0.19211 | 0.18386 | -0.20702 | -0.22352 |
| 6 | ol + c \| cs + e4o[lr] | 37 | 21 | 0.20483 | 0.00387 | 0.02264 | 0.18610 | 0.20488 | -0.20101 | -0.16346 |
| 7 | [yo]ke4o[lr] | 306 | 57 | 0.29404 | 0.04547 | 0.09931 | 0.19211 | 0.24595 | -0.20048 | -0.09280 |
| 8 | [yo][fptk]e4ol | 310 | 62 | 0.25392 | 0.03490 | 0.05569 | 0.19569 | 0.21647 | -0.18157 | -0.14001 |
| 9 | [yo]ke4or | 92 | 20 | 0.23891 | 0.02032 | 0.14250 | 0.07858 | 0.20077 | -0.18045 | 0.06392 |
| 10 | [yo][fptk]e4o[lr] | 430 | 91 | 0.24154 | 0.03265 | 0.07557 | 0.16058 | 0.20350 | -0.17084 | -0.08502 |
| 11 | opor variants | 24 | 11 | 0.10123 | -0.02316 | 0.05192 | 0.05322 | 0.12830 | -0.15146 | -0.00130 |
| 12 | [yo][fptk]e4or | 120 | 29 | 0.20956 | 0.02684 | 0.12692 | 0.06988 | 0.16997 | -0.14313 | 0.05704 |
| **13** | **ckeo-initial** | **77** | **26** | **0.14235** | **0.00281** | **0.00755** | **0.13872** | **0.14345** | **-0.14064** | **-0.13117** |
| 14 | [yo]ke4o[dlrsmg] | 565 | 127 | 0.21775 | 0.03525 | 0.07655 | 0.12918 | 0.17048 | -0.13524 | -0.05262 |
| **15** | **ols** | **92** | **56** | **0.16282** | **0.02032** | **0.03381** | **0.13293** | **0.14642** | **-0.12610** | **-0.09912** |
| 16 | cke4y | 87 | 5 | 0.16445 | 0.02282 | 0.08353 | 0.08483 | 0.14554 | -0.12273 | -0.00130 |
| 17 | [yo]te4ol | 96 | 25 | 0.11164 | -0.01275 | -0.00016 | 0.09488 | 0.10747 | -0.12021 | -0.09505 |
| 18 | o + c \| cs + e4ol | 47 | 32 | 0.10477 | -0.02316 | -0.03141 | 0.09754 | 0.08929 | -0.11246 | -0.12896 |
| 19 | [yo]pc + e4o | 8 | 7 | 0.05956 | -0.02316 | -0.03141 | 0.09488 | 0.08664 | -0.10980 | -0.12630 |
| 20 | ydai0-4r | 8 | 7 | 0.18456 | -0.02316 | -0.03141 | 0.09488 | 0.08664 | -0.10980 | -0.12630 |
| 21 | [yo][fptk]e4o[dlrsmg] | 895 | 219 | 0.15579 | 0.01930 | 0.05015 | 0.09279 | 0.12365 | -0.10435 | -0.04264 |
| 22 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ory | 26 | 6 | 0.04994 | -0.02316 | -0.03141 | 0.08527 | 0.07702 | -0.10018 | -0.11668 |
| 23 | o + c \| cs + e4o[lr] | 87 | 65 | 0.07249 | -0.02316 | -0.00842 | 0.06184 | 0.07658 | -0.09974 | -0.07026 |
| 24 | [yo]te4o[lr] | 124 | 34 | 0.11198 | 0.00103 | 0.01698 | 0.08279 | 0.09873 | -0.09770 | -0.06581 |
| 25 | t[yo]lc | 9 | 9 | 0.04567 | -0.02316 | -0.03141 | 0.08100 | 0.07275 | -0.09591 | -0.11241 |
| 26 | yd[ao]i0-4r | 9 | 8 | 0.15678 | -0.02316 | -0.03141 | 0.08100 | 0.07275 | -0.09591 | -0.11241 |
| 27 | or[lrsmg] | 9 | 9 | -0.06544 | -0.02316 | -0.03141 | 0.08100 | 0.07275 | -0.09591 | -0.11241 |
| 28 | o + c \| cs + e4or | 40 | 33 | 0.03456 | -0.02316 | 0.01859 | 0.01988 | 0.06164 | -0.08480 | -0.00130 |
| 29 | [dlrsmg] + c \| c[s \| fptk] + e4o | 41 | 14 | 0.03212 | 0.00123 | 0.01737 | 0.06745 | 0.08359 | -0.08236 | -0.05008 |
| 30 | do | 371 | 107 | 0.12054 | 0.02266 | 0.03597 | 0.09118 | 0.10449 | -0.08183 | -0.05520 |
| 31 | yc + e4or | 32 | 6 | 0.09081 | 0.00809 | 0.03109 | 0.06363 | 0.08664 | -0.07855 | -0.03255 |
| 32 | okom variants | 11 | 4 | 0.02547 | -0.02316 | -0.03141 | 0.06079 | 0.05254 | -0.07571 | -0.09220 |
| 33 | [yo]doi0-4l | 22 | 16 | 0.11638 | 0.02229 | 0.01404 | 0.10625 | 0.09800 | -0.07571 | -0.09220 |
| 34 | okad variants | 11 | 9 | 0.02547 | -0.02316 | 0.05950 | -0.03012 | 0.05254 | -0.07571 | 0.08961 |
| 35 | [yo]ke4os | 46 | 14 | 0.06499 | -0.00142 | 0.05555 | 0.01336 | 0.07033 | -0.07175 | 0.04218 |
| 36 | [yo]doi0-4[lr] | 46 | 31 | 0.15195 | 0.04206 | 0.03381 | 0.12206 | 0.11381 | -0.07175 | -0.08825 |
| 37 | [yo]ke4o | 81 | 14 | 0.11975 | 0.01388 | 0.04266 | 0.05630 | 0.08509 | -0.07122 | -0.01364 |
| 38 | [yo]ke4od | 201 | 52 | 0.13854 | 0.02161 | 0.04322 | 0.06939 | 0.09099 | -0.06937 | -0.02617 |
| 39 | yc + e4o[lr] | 71 | 18 | 0.07541 | 0.00501 | 0.02493 | 0.05439 | 0.07431 | -0.06930 | -0.02946 |
| 40 | [yo]doi0-4[ln] | 24 | 18 | 0.14289 | 0.01850 | 0.01026 | 0.09488 | 0.08664 | -0.06813 | -0.08463 |
| 41 | [yo]doi0-4r | 24 | 15 | 0.18456 | 0.06017 | 0.05192 | 0.13655 | 0.12830 | -0.06813 | -0.08463 |
| 42 | os[dlrsmg] | 12 | 12 | 0.10123 | -0.02316 | -0.03141 | 0.05322 | 0.04497 | -0.06813 | -0.08463 |
| 43 | ol + c \| cs + e4o | 12 | 8 | 0.01789 | -0.02316 | -0.03141 | 0.05322 | 0.04497 | -0.06813 | -0.08463 |
| 44 | oc[fptk]e4y | 279 | 94 | 0.15320 | 0.03419 | 0.05461 | 0.08100 | 0.10142 | -0.06723 | -0.02639 |
| 45 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4oly | 37 | 16 | 0.06970 | 0.00387 | -0.00438 | 0.07799 | 0.06974 | -0.06588 | -0.08238 |
| 46 | [yo]c[fptk]e4y | 284 | 98 | 0.15639 | 0.03670 | 0.05662 | 0.08256 | 0.10248 | -0.06578 | -0.02594 |
| 47 | so | 364 | 138 | 0.06093 | -0.00393 | 0.00156 | 0.05505 | 0.06054 | -0.06447 | -0.05349 |
| 48 | oo | 88 | 70 | 0.10501 | 0.02229 | 0.04813 | 0.06079 | 0.08664 | -0.06434 | -0.01266 |
| 49 | c[fptk]e4y | 291 | 13 | 0.07202 | 0.00777 | 0.02701 | 0.05236 | 0.07160 | -0.06383 | -0.02535 |
| 50 | [yo]doi0-4[lrm \| n] | 51 | 36 | 0.15025 | 0.03566 | 0.02741 | 0.10714 | 0.09889 | -0.06323 | -0.07973 |
| 51 | oc[s \| fptk]e4y | 311 | 113 | 0.13392 | 0.02829 | 0.04576 | 0.07278 | 0.09025 | -0.06197 | -0.02702 |
| 52 | yc + e4ol | 39 | 12 | 0.06277 | 0.00248 | 0.01987 | 0.04681 | 0.06420 | -0.06172 | -0.02694 |
| **53** | **cpeo-initial** | **65** | **32** | **0.08841** | **0.00761** | **-0.00064** | **0.07758** | **0.06933** | **-0.06172** | **-0.07822** |
| 54 | yd[ao]i0-4[rm] | 13 | 12 | 0.08841 | -0.02316 | -0.03141 | 0.04681 | 0.03856 | -0.06172 | -0.07822 |
| 55 | ord | 13 | 11 | 0.01148 | -0.02316 | -0.03141 | 0.04681 | 0.03856 | -0.06172 | -0.07822 |
| 56 | [yo][fptk]e4od + y | 275 | 47 | 0.09820 | 0.00593 | 0.02677 | 0.04625 | 0.06709 | -0.06116 | -0.01948 |
| 57 | cse4o | 184 | 3 | 0.02152 | -0.01773 | -0.00424 | 0.02967 | 0.04316 | -0.06088 | -0.03390 |
| 58 | oe4y | 93 | 52 | 0.11736 | 0.01985 | 0.05461 | 0.04515 | 0.07991 | -0.06007 | 0.00946 |
| 59 | ke4o | 134 | 38 | 0.09128 | 0.01415 | 0.03575 | 0.05197 | 0.07358 | -0.05942 | -0.01622 |
| **60** | **oly** | **205** | **77** | **0.04188** | **-0.00853** | **-0.01190** | **0.05281** | **0.04944** | **-0.05797** | **-0.06471** |
| **61** | **ola** | **221** | **94** | **0.05221** | **-0.00506** | **-0.01331** | **0.06038** | **0.05213** | **-0.05719** | **-0.07369** |
| **62** | **o[lr]a** | **458** | **207** | **0.08958** | **0.01177** | **0.01444** | **0.06595** | **0.06862** | **-0.05685** | **-0.05151** |
| **63** | **ora** | **237** | **113** | **0.12443** | **0.02747** | **0.04032** | **0.07115** | **0.08400** | **-0.05653** | **-0.03083** |
| 64 | [yo][fptk]e4od | 349 | 94 | 0.08642 | 0.00263 | 0.01730 | 0.04438 | 0.05906 | -0.05643 | -0.02708 |
| 65 | c \| cs + e0-4r | 14 | 3 | -0.06544 | -0.02316 | -0.03141 | 0.04131 | 0.03306 | -0.05623 | -0.07272 |
| 66 | [fptk]ai4m | 14 | 4 | 0.00599 | -0.02316 | -0.03141 | 0.04131 | 0.03306 | -0.05623 | -0.07272 |
| 67 | ol[ds] | 323 | 176 | 0.15128 | 0.04805 | 0.05218 | 0.09992 | 0.10405 | -0.05600 | -0.04774 |
| **68** | **ol[yo]** | **408** | **199** | **0.02280** | **-0.01581** | **-0.02161** | **0.04586** | **0.04007** | **-0.05588** | **-0.06747** |
| 69 | [yo]c[s \| fptk]e4y | 346 | 126 | 0.11953 | 0.02597 | 0.04084 | 0.06526 | 0.08013 | -0.05416 | -0.02442 |
| 70 | c[fptk]e4o | 29 | 7 | 0.03801 | 0.01132 | 0.00307 | 0.07333 | 0.06508 | -0.05376 | -0.07026 |
| **71** | **ol[oa]** | **423** | **215** | **0.02676** | **-0.01371** | **-0.02195** | **0.04790** | **0.03965** | **-0.05335** | **-0.06985** |
| **72** | **olo** | **205** | **124** | **0.00285** | **-0.02316** | **-0.03141** | **0.03818** | **0.02993** | **-0.05309** | **-0.06959** |
| 73 | [tk]e4o | 207 | 71 | 0.06499 | 0.00582 | 0.02173 | 0.04235 | 0.05825 | -0.05243 | -0.02062 |
| 74 | [yo]te4o[dlrsmg] | 330 | 92 | 0.04971 | -0.00801 | 0.00495 | 0.03049 | 0.04345 | -0.05146 | -0.02554 |
| 75 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 746 | 52 | 0.05386 | 0.00365 | 0.01819 | 0.03825 | 0.05279 | -0.04914 | -0.02006 |
| **76** | **o[lr][oa]** | **765** | **394** | **0.05744** | **0.00167** | **0.00258** | **0.04962** | **0.05052** | **-0.04885** | **-0.04705** |
| 77 | [fptk] + c \| c[s \| fptk] + e4o | 47 | 10 | -0.04416 | -0.02316 | -0.03141 | 0.03371 | 0.02546 | -0.04863 | -0.06513 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **78** | **o[lr][yoa]** | **1056** | **510** | **0.05672** | **0.00241** | **0.00457** | **0.04754** | **0.04970** | **-0.04730** | **-0.04296** |
| **79** | **oi4n** | **49** | **4** | **0.07742** | **0.01765** | **0.05022** | **0.03111** | **0.06368** | **-0.04602** | **0.01911** |
| 80 | or[fptk \| dlrsmg] | 33 | 31 | -0.03514 | -0.02316 | -0.03141 | 0.03049 | 0.02224 | -0.04540 | -0.06190 |
| **81** | **or[oa]** | **349** | **186** | **0.09502** | **0.01982** | **0.03163** | **0.05298** | **0.06479** | **-0.04497** | **-0.02135** |
| 82 | oce4y + infixed versions | 369 | 146 | 0.11342 | 0.02833 | 0.04176 | 0.05932 | 0.07275 | -0.04442 | -0.01756 |
| 83 | odo | 68 | 52 | 0.09632 | 0.02096 | 0.01271 | 0.07283 | 0.06458 | -0.04362 | -0.06012 |
| 84 | c \| cs + e0-4s | 51 | 6 | -0.00662 | -0.02316 | -0.03141 | 0.02871 | 0.02046 | -0.04362 | -0.06012 |
| 85 | [yo][dlrsmg] + c \| cs + e4o | 17 | 13 | -0.00662 | -0.02316 | -0.03141 | 0.02871 | 0.02046 | -0.04362 | -0.06012 |
| **86** | **o[lr][yo]** | **607** | **312** | **0.03341** | **-0.00504** | **-0.00340** | **0.03578** | **0.03742** | **-0.04246** | **-0.03919** |
| 87 | [fptk][yo]lc | 70 | 54 | 0.02027 | -0.00888 | -0.00284 | 0.02703 | 0.03306 | -0.04194 | -0.02987 |
| **88** | **o[lr]y** | **302** | **125** | **0.05708** | **0.00664** | **0.01164** | **0.04273** | **0.04773** | **-0.04109** | **-0.03110** |
| 89 | ce0-4s | 89 | 5 | 0.03568 | -0.01193 | -0.02018 | 0.03730 | 0.02905 | -0.04098 | -0.05748 |
| 90 | dody | 18 | 12 | -0.00988 | -0.02316 | -0.03141 | 0.02544 | 0.01719 | -0.04035 | -0.05685 |
| 91 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 452 | 38 | 0.02527 | -0.00104 | 0.01062 | 0.02741 | 0.03907 | -0.04011 | -0.01678 |
| 92 | te4o | 73 | 33 | 0.01675 | -0.00946 | -0.00401 | 0.02468 | 0.03013 | -0.03959 | -0.02869 |
| 93 | [yo]te4od | 148 | 42 | 0.01564 | -0.02316 | -0.01790 | 0.01042 | 0.01569 | -0.03885 | -0.02832 |
| **94** | **o[lr]o** | **315** | **195** | **0.01075** | **-0.01364** | **-0.01554** | **0.02703** | **0.02513** | **-0.03877** | **-0.04257** |
| 95 | [yo]e0-4do + e4\|i4 + [drn] & cedody | 38 | 29 | 0.11877 | 0.02947 | 0.02122 | 0.07515 | 0.06690 | -0.03743 | -0.05393 |
| 96 | okor variants | 115 | 28 | 0.10847 | 0.03771 | 0.04685 | 0.06554 | 0.07468 | -0.03697 | -0.01869 |
| 97 | c[s \| fptk]e4y | 831 | 17 | 0.02963 | -0.00150 | 0.00950 | 0.02404 | 0.03504 | -0.03654 | -0.01453 |
| 98 | [yo]ce4y + infixed versions | 456 | 171 | 0.09026 | 0.02289 | 0.03657 | 0.04445 | 0.05813 | -0.03524 | -0.00787 |
| 99 | cte4y | 179 | 4 | 0.02953 | -0.00082 | 0.00211 | 0.03134 | 0.03426 | -0.03508 | -0.02923 |
| 100 | olp | 20 | 16 | -0.01544 | -0.02316 | -0.03141 | 0.01988 | 0.01164 | -0.03480 | -0.05130 |
| 101 | [yo]tc + e4o | 41 | 14 | -0.04105 | -0.02316 | -0.03141 | 0.01866 | 0.01042 | -0.03358 | -0.05008 |
| 102 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 1162 | 45 | 0.06623 | 0.02073 | 0.02453 | 0.04906 | 0.05286 | -0.03213 | -0.02453 |
| 103 | c[fptk]e4o-initial & c[fptk]e4y Superclass | 1638 | 369 | 0.03896 | 0.00492 | 0.00766 | 0.03277 | 0.03551 | -0.03058 | -0.02511 |
| 104 | okol variants | 284 | 62 | 0.18104 | 0.07191 | 0.06718 | 0.10721 | 0.10248 | -0.03057 | -0.04003 |
| 105 | [yo][fptk \| dlrsmg] + c \| cs + e4o | 111 | 50 | -0.02940 | -0.02316 | -0.03141 | 0.01493 | 0.00668 | -0.02984 | -0.04634 |
| **106** | **old** | **231** | **120** | **0.14668** | **0.05909** | **0.05950** | **0.08677** | **0.08718** | **-0.02809** | **-0.02727** |
| 107 | c \| c[fptk] + e4o | 212 | 10 | 0.06664 | 0.01457 | 0.02991 | 0.02649 | 0.04182 | -0.02725 | 0.00342 |
| 108 | oke0-4y | 1282 | 139 | 0.02738 | -0.00054 | 0.00837 | 0.01747 | 0.02638 | -0.02692 | -0.00910 |
| 109 | [yo][fptk]c + e0-4o | 95 | 38 | -0.03386 | -0.02316 | -0.03141 | 0.01199 | 0.00374 | -0.02690 | -0.04340 |
| 110 | od endings | 243 | 134 | 0.02510 | -0.00259 | 0.00151 | 0.01927 | 0.02336 | -0.02595 | -0.01776 |
| 111 | [q \| fptk \| dlrsmg] + oi0-4[lr] | 1697 | 26 | 0.02001 | -0.00077 | 0.00512 | 0.01879 | 0.02469 | -0.02546 | -0.01367 |
| 112 | [yo]c + e4o Superclass | 333 | 206 | 0.05468 | 0.01287 | 0.01964 | 0.02994 | 0.03671 | -0.02384 | -0.01030 |
| 113 | [yo][fptk]e4os | 103 | 29 | 0.03165 | 0.00596 | 0.04626 | -0.01070 | 0.02960 | -0.02363 | 0.05696 |
| 114 | et-initial | 26 | 19 | -0.02698 | -0.02316 | -0.03141 | 0.00835 | 0.00010 | -0.02326 | -0.03976 |
| 115 | opai0-4n | 26 | 8 | -0.02698 | -0.02316 | 0.00705 | -0.03012 | 0.00010 | -0.02326 | 0.03717 |
| 116 | ofar variants | 27 | 18 | -0.02840 | -0.02316 | -0.03141 | 0.00692 | -0.00133 | -0.02183 | -0.03833 |
| 117 | cse4y | 540 | 4 | 0.00678 | -0.00650 | 0.00007 | 0.00877 | 0.01534 | -0.02183 | -0.00870 |
| 118 | [yo]po | 84 | 59 | 0.13694 | 0.06017 | 0.12335 | 0.01750 | 0.08068 | -0.02051 | 0.10585 |
| 119 | [yo]te4or | 28 | 9 | 0.11313 | 0.04827 | 0.07573 | 0.04131 | 0.06878 | -0.02051 | 0.03442 |
| **120** | **oro** | **114** | **75** | **0.03105** | **0.00315** | **0.01245** | **0.01374** | **0.02304** | **-0.01988** | **-0.00130** |
| 121 | c + c[s \| fptk]e4y | 1502 | 21 | 0.01579 | 0.00147 | 0.01053 | 0.01183 | 0.02089 | -0.01942 | -0.00130 |
| 122 | [yo]tc + e4or | 58 | 12 | -0.04820 | -0.02316 | -0.03141 | 0.00437 | -0.00388 | -0.01928 | -0.03578 |
| 123 | [yo]pc + e4ol | 29 | 11 | 0.03801 | 0.01132 | 0.00307 | 0.03885 | 0.03060 | -0.01928 | -0.03578 |
| **124** | **or[yo]** | **206** | **118** | **0.05592** | **0.01567** | **0.03170** | **0.01843** | **0.03445** | **-0.01878** | **0.01327** |
| 125 | oi4[dlrsmg \| n] | 1020 | 12 | 0.01789 | 0.00233 | 0.01173 | 0.01008 | 0.01948 | -0.01715 | 0.00165 |
| 126 | [yo]py | 31 | 14 | -0.00092 | -0.02316 | -0.03141 | 0.00214 | -0.00611 | -0.01705 | -0.03355 |
| 127 | [yo]dy endings | 1219 | 315 | 0.05597 | 0.01293 | 0.02355 | 0.01911 | 0.02972 | -0.01679 | 0.00445 |
| 128 | ocse4y | 32 | 19 | -0.03419 | -0.02316 | -0.03141 | 0.00113 | -0.00711 | -0.01605 | -0.03255 |
| 129 | ope0-4y | 32 | 15 | -0.00294 | -0.02316 | -0.03141 | 0.00113 | -0.00711 | -0.01605 | -0.03255 |
| 130 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2116 | 147 | 0.06027 | 0.02362 | 0.03003 | 0.03321 | 0.03961 | -0.01599 | -0.00319 |
| 131 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4od | 65 | 21 | -0.00390 | -0.00778 | -0.01603 | 0.01604 | 0.00779 | -0.01557 | -0.03206 |
| 132 | okod variants | 65 | 22 | 0.04225 | 0.00761 | 0.01474 | 0.01604 | 0.02317 | -0.01557 | -0.00130 |
| 133 | oe | 623 | 451 | 0.08544 | 0.03302 | 0.05206 | 0.02927 | 0.04831 | -0.01529 | 0.02278 |
| 134 | o[tk]e4s | 99 | 46 | -0.03514 | -0.02316 | -0.03141 | 0.00019 | -0.00806 | -0.01510 | -0.03160 |
| 135 | oi | 299 | 124 | 0.07503 | 0.03035 | 0.05555 | 0.02005 | 0.04525 | -0.01490 | 0.03549 |
| 136 | otol variants | 235 | 53 | 0.03669 | 0.01088 | 0.00689 | 0.02946 | 0.02546 | -0.01458 | -0.02257 |
| 137 | od endings + odcey relatives | 275 | 162 | 0.02183 | 0.00229 | 0.00495 | 0.01352 | 0.01618 | -0.01389 | -0.00857 |
| 138 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 1890 | 69 | 0.00176 | -0.00306 | 0.00245 | 0.00481 | 0.01031 | -0.01337 | -0.00235 |
| 139 | oe sans oy + oe4y, oe0-4s | 439 | 333 | 0.08946 | 0.03834 | 0.05743 | 0.03139 | 0.05047 | -0.01213 | 0.02604 |
| 140 | o[tk]e0-4y | 1989 | 242 | 0.00294 | -0.00456 | -0.00125 | 0.00407 | 0.00739 | -0.01195 | -0.00532 |
| 141 | [yo]cp | 37 | 29 | 0.06970 | 0.03089 | 0.02264 | 0.05097 | 0.04272 | -0.01182 | -0.02832 |
| 142 | oe0-4s | 646 | 322 | 0.05066 | 0.02018 | 0.04444 | 0.00549 | 0.02975 | -0.00956 | 0.03895 |
| 143 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 694 | 37 | 0.04983 | 0.01863 | 0.02767 | 0.01888 | 0.02792 | -0.00929 | 0.00879 |
| 144 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 488 | 65 | 0.06776 | 0.02397 | 0.03006 | 0.02521 | 0.03131 | -0.00734 | 0.00485 |
| 145 | sc-initial | 92 | 56 | -0.02196 | -0.01229 | -0.02054 | 0.00249 | -0.00576 | -0.00654 | -0.02303 |
| **146** | **ory** | **97** | **48** | **0.08920** | **0.03869** | **0.06137** | **0.02143** | **0.04411** | **-0.00542** | **0.03994** |
| 147 | yce4y | 52 | 12 | -0.00775 | -0.00393 | 0.02628 | -0.03012 | 0.00010 | -0.00403 | 0.05640 |
| 148 | cteo-initial | 222 | 46 | 0.02465 | 0.01738 | 0.01363 | 0.02394 | 0.02019 | -0.00281 | -0.01030 |
| 149 | [dlrsmg]e0-4y | 335 | 11 | 0.00322 | 0.00072 | 0.00142 | 0.00272 | 0.00343 | -0.00271 | -0.00130 |
| 150 | ol[dtk] | 840 | 367 | 0.00837 | 0.00422 | 0.00073 | 0.01036 | 0.00687 | -0.00265 | -0.00963 |
| 151 | odai0-4n | 406 | 117 | 0.01091 | 0.00639 | 0.00800 | 0.00683 | 0.00843 | -0.00204 | 0.00117 |
| 152 | od[ao]i0-4n | 408 | 119 | 0.01299 | 0.00625 | 0.00780 | 0.00665 | 0.00820 | -0.00195 | 0.00116 |
| 153 | yodai0-4n | 444 | 129 | 0.00888 | 0.00612 | 0.00913 | 0.00367 | 0.00668 | -0.00056 | 0.00546 |
| 154 | [yo]d[ao]i0-4n | 446 | 131 | 0.01079 | 0.00599 | 0.00895 | 0.00352 | 0.00648 | -0.00049 | 0.00543 |

Table 24.19: Sectional Affinities of the c | c[s | fptk | b]e$^{1-4}$ai$^{0-4}$[dlrsmg | n] Family Word Categories

| Category | Word Count | Distinct Word Count | Herbal Section Word Count | Section Affinity Scores 0 | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|---|---|---|---|
| ce4a | 1009 | 350 | 434 | 0.01023 | 0.13592 | 0.01582 | -0.10202 | -0.04221 | 0.02244 | -0.04019 |
| ceal variants | 269 | 88 | 59 | 0.00181 | -0.07488 | 0.09293 | -0.03484 | -0.04939 | 0.10777 | -0.04340 |
| ceal verbs | 230 | 57 | 40 | 0.00307 | -0.12029 | 0.09155 | -0.01769 | -0.05059 | 0.13855 | -0.04460 |
| ceal nouns | 38 | 30 | 18 | -0.00563 | 0.17948 | 0.10643 | -0.13463 | -0.04166 | -0.06832 | -0.03568 |
| cear variants | 365 | 101 | 138 | 0.01903 | 0.08388 | 0.01371 | -0.09685 | -0.02688 | 0.03348 | -0.02637 |
| cear verbs | 303 | 62 | 110 | 0.02408 | 0.06883 | 0.01141 | -0.08495 | -0.03167 | 0.04129 | -0.02899 |
| cear nouns | 62 | 39 | 28 | -0.00563 | 0.15741 | 0.02493 | -0.15500 | -0.00346 | -0.00465 | -0.01360 |
| ceas variants | 9 | 7 | 5 | -0.00563 | 0.26135 | 0.00701 | -0.18726 | 0.04313 | -0.05662 | -0.06199 |
| ce4ai4n | 271 | 103 | 191 | 0.01282 | 0.41059 | -0.07827 | -0.16881 | -0.06429 | -0.05744 | -0.05461 |
| cean variants | 255 | 89 | 186 | 0.01398 | 0.43520 | -0.08057 | -0.16765 | -0.06406 | -0.08277 | -0.05415 |
| cean verbs | 213 | 57 | 154 | 0.01785 | 0.42880 | -0.07593 | -0.16848 | -0.06798 | -0.08166 | -0.05260 |
| cean nouns | 43 | 33 | 33 | -0.00563 | 0.47324 | -0.10410 | -0.16400 | -0.04472 | -0.09280 | -0.06199 |
| ceam variants | 76 | 32 | 32 | -0.00563 | 0.12685 | 0.04064 | -0.10831 | -0.04166 | 0.03695 | -0.04883 |
| ceam verbs | 61 | 22 | 25 | -0.00563 | 0.11563 | 0.01066 | -0.08890 | -0.05158 | 0.06542 | -0.04560 |
| ceam nouns | 15 | 10 | 7 | -0.00563 | 0.17246 | 0.16257 | -0.18726 | -0.00131 | -0.07884 | -0.06199 |
| cead variants | 7 | 7 | 3 | -0.00563 | 0.13436 | -0.10410 | -0.18726 | 0.21774 | 0.00687 | -0.06199 |

Table 25.1: Top 50 Line Position Scores at Each Extrema by Word Category (with Herbal Folio and Sectional Filters Applied)

| Rank | Word Category | Score | Qualifying Count |
|---|---|---|---|
| **1** | **odcey relatives** | **0.10569** | **5** |
| **2** | **odce0-4dy** | **0.13169** | **3** |
| 3 | yc + e4o | 0.14020 | 19 |
| 4 | yc + e4ol | 0.15698 | 17 |
| 5 | o + c \| cs + e4or | 0.16841 | 11 |
| 6 | yc + e4o[lr] | 0.17105 | 32 |
| 7 | yc[s \| fptk]e4y | 0.17662 | 23 |
| 8 | ycse4y | 0.18016 | 22 |
| **9** | **or + c \| cs + e4o[lr]** | **0.18222** | **4** |
| 10 | yc + e4or | 0.18700 | 15 |
| 11 | [yo]c + e4ody | 0.18968 | 21 |
| 12 | [yo]c + e4o Superclass | 0.19831 | 127 |
| 13 | yce4y + infixed versions | 0.20002 | 50 |
| 14 | yce4y + s infixes | 0.20209 | 49 |
| 15 | o + c \| cs + e4o[lr] | 0.21268 | 23 |
| **16** | **dcedy relatives** | **0.21386** | **61** |
| 17 | t[yo]lc | 0.21657 | 4 |
| 18 | yce4y | 0.21996 | 27 |
| **19** | **dc-initial** | **0.22028** | **187** |
| 20 | so | 0.23637 | 182 |
| 21 | o + c \| cs + e4ol | 0.25325 | 12 |
| 22 | o + c \| cs + e4o | 0.25406 | 8 |
| 23 | [yo]cse4y | 0.25781 | 33 |
| **24** | **ol + c \| cs + e4o[lr]** | **0.25828** | **20** |
| 25 | [fptk][yo]lc | 0.26176 | 41 |
| **26** | **ol + c \| cs + e4ody** | **0.26737** | **2** |
| 27 | ocees relatives | 0.27102 | 9 |
| 28 | [dlrsmg] + c \| c[s \| fptk] + e4o | 0.27859 | 22 |
| 29 | os[dlrsmg] | 0.27876 | 2 |
| 30 | [yo]ce4y + s infixes | 0.27891 | 92 |
| 31 | pc-initial | 0.28492 | 201 |
| 32 | tc-initial | 0.28657 | 151 |
| 33 | ceda (dangling) | 0.28671 | 2 |
| **34** | **oa** | **0.29047** | **144** |
| 35 | [yo]ce4y | 0.29072 | 59 |
| 36 | ceed + cey | 0.30088 | 5 |
| 37 | sc-initial | 0.30690 | 44 |
| 38 | o[fptk]c + e4os | 0.31170 | 4 |
| 39 | okc + e4ody | 0.31446 | 3 |
| 40 | [fp]c-Initial | 0.31494 | 242 |
| 41 | [fptk] + c \| c[s \| fptk] + e4o | 0.33337 | 14 |
| 42 | [tk]c-Initial | 0.33897 | 280 |
| 43 | e4n | 0.34106 | 8 |
| 44 | sai4n | 0.34226 | 151 |
| 45 | okc + e4ol | 0.34491 | 10 |
| 46 | cse4o | 0.34862 | 60 |
| 47 | oce4y | 0.35042 | 32 |
| 48 | oi4n | 0.35401 | 28 |
| 49 | [yo]c + e4dy | 0.35772 | 76 |
| 50 | [yo]ce4y + infixed versions | 0.35780 | 183 |

| Rank | Word Category | Score | Qualifying Count |
|---|---|---|---|
| 1 | ofor variants | 0.90599 | 2 |
| 2 | o[fptk]edam | 0.87860 | 9 |
| 3 | [fptk \| dlrs] prefixes to dam | 0.86082 | 7 |
| 4 | a[dlrsmg]am | 0.85500 | 53 |
| 5 | ypai0-4n | 0.85072 | 2 |
| 6 | [dlrsmg] + ai4m | 0.84796 | 4 |
| 7 | [fptk]ai4m | 0.83541 | 6 |
| 8 | [dlrsmg]ai4m | 0.82600 | 54 |
| 9 | otam variants | 0.81932 | 47 |
| 10 | opam variants | 0.81717 | 7 |
| 11 | od[ao]i0-4m | 0.80703 | 13 |
| 12 | odai0-4m | 0.80703 | 13 |
| 13 | ceam verbs | 0.80348 | 37 |
| 14 | [yo]d[ao]i0-4m | 0.80081 | 14 |
| 15 | yodai0-4m | 0.80081 | 14 |
| 16 | cedam variants | 0.80005 | 20 |
| 17 | ceam variants | 0.79168 | 46 |
| 18 | o[fptk \| dlrsmg][ao]m | 0.79081 | 138 |
| 19 | dai4m | 0.77950 | 34 |
| 20 | om + o[fptk \| dlrsmg]am | 0.77742 | 201 |
| 21 | okam variants | 0.75787 | 40 |
| 22 | ofal variants | 0.75072 | 2 |
| 23 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ory | 0.74484 | 6 |
| 24 | ceam nouns | 0.74316 | 9 |
| 25 | ord | 0.74167 | 3 |
| 26 | om | 0.73848 | 79 |
| **27** | **oly** | **0.73209** | **85** |
| 28 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 0.72548 | 89 |
| **29** | **o[lr]y** | **0.71632** | **115** |
| 30 | ceas variants | 0.71557 | 3 |
| 31 | [dlrsmg]e0-4y | 0.70621 | 137 |
| **32** | **ay polygraph (other)** | **0.69977** | **6** |
| 33 | [yo]fai0-4[m] | 0.69052 | 8 |
| 34 | ol[lr] | 0.69049 | 13 |
| 35 | opc + e4o | 0.69000 | 3 |
| 36 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 0.68285 | 17 |
| 37 | ory | 0.67165 | 30 |
| 38 | opar variants | 0.67026 | 24 |
| 39 | [yo]fa | 0.66874 | 11 |
| 40 | ofar variants | 0.65929 | 7 |
| 41 | [yo][fp]a | 0.64975 | 83 |
| **42** | **ol[yo]** | **0.64908** | **180** |
| 43 | [yo][fp]ai0-4[m] | 0.64843 | 48 |
| 44 | [yo]fo | 0.64832 | 7 |
| 45 | [yo]pa | 0.64685 | 72 |
| 46 | ai0-4[dlrsmg][dlrsmg] | 0.64499 | 98 |
| **47** | **o[lr][yo]** | **0.64232** | **264** |
| 48 | old | 0.64114 | 63 |
| 49 | ol[ds] | 0.63936 | 91 |
| 50 | ece Verb | 0.63822 | 2 |

Table 25.2: Top 50 Line Position Scores at Each Extrema by Word Category, without Herbal Folio and Sectional Filters

| Rank | Word Category | Score | Qualifying Count |
|---|---|---|---|
| **1** | **odc-Nouns** | **0.09484** | **3** |
| 2 | yc + e4or | 0.15946 | 32 |
| 3 | yc + e4o | 0.16523 | 36 |
| 4 | yc + e4o[lr] | 0.18373 | 69 |
| 5 | ycse4y | 0.19123 | 28 |
| 6 | yc + e4ol | 0.20472 | 37 |
| **7** | **dcedy relatives** | **0.21422** | **76** |
| 8 | yce4y + s infixes | 0.21976 | 77 |
| 9 | t[yo]lc | 0.23432 | 9 |
| 10 | yc[s \| fptk]e4y | 0.23480 | 32 |
| 11 | yce4y + infixed versions | 0.23556 | 81 |
| 12 | yce4y | 0.23606 | 49 |
| 13 | [yo]c + e4o Superclass | 0.24418 | 304 |
| 14 | ofc + e4o | 0.26750 | 2 |
| 15 | pc-initial | 0.27474 | 288 |
| **16** | **o[fptk]e0-4ay** | **0.27528** | **3** |
| 17 | [yo]cse4y | 0.27831 | 53 |
| 18 | o + c \| cs + e4o | 0.27972 | 19 |
| 19 | [yo]c + e4ody | 0.28264 | 44 |
| 20 | ceda (dangling) | 0.28671 | 2 |
| 21 | ol + c \| cs + e4ody | 0.29278 | 8 |
| 22 | [yo]ce4y + s infixes | 0.29323 | 150 |
| 23 | [yo]doi0-4n | 0.29428 | 2 |
| **24** | **dc-initial** | **0.29738** | **391** |
| 25 | [yo]ce4y | 0.30138 | 97 |
| 26 | [fp]c-Initial | 0.30451 | 360 |
| 27 | [fptk] + c \| c[s \| fptk] + e4o | 0.30591 | 47 |
| 28 | tc-initial | 0.30618 | 319 |
| 29 | [fptk][yo]lc | 0.30675 | 61 |
| 30 | o + c \| cs + e4or | 0.30826 | 35 |
| 31 | so | 0.31030 | 307 |

| Rank | Word Category | Score | Qualifying Count |
|---|---|---|---|
| 1 | [fptk \| dlrs] prefixes to dam | 0.86082 | 7 |
| 2 | ypai0-4n | 0.85072 | 2 |
| 3 | a[dlrsmg]am | 0.82519 | 75 |
| 4 | otam variants | 0.80057 | 77 |
| 5 | o[fptk]edam | 0.79455 | 11 |
| 6 | opam variants | 0.79424 | 10 |
| 7 | [dlrsmg]ai4m | 0.78804 | 118 |
| 8 | cedam variants | 0.78757 | 27 |
| 9 | [fptk]ai4m | 0.78240 | 15 |
| 10 | okam variants | 0.77499 | 68 |
| 11 | ceam verbs | 0.76279 | 56 |
| 12 | o[fptk \| dlrsmg][ao]m | 0.75883 | 250 |
| 13 | ceam variants | 0.75213 | 70 |
| 14 | dai4m | 0.74200 | 100 |
| 15 | [yo]doi0-4m | 0.73580 | 2 |
| 16 | om + o[fptk \| dlrsmg]am | 0.73310 | 393 |
| 17 | ofal variants | 0.73048 | 5 |
| **18** | **ay polygraph (other)** | **0.72838** | **7** |
| 19 | okom variants | 0.72683 | 11 |
| 20 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 0.72565 | 133 |
| 21 | yd[ao]i0-4m | 0.72127 | 3 |
| 22 | ceam nouns | 0.70952 | 14 |
| 23 | odai0-4m | 0.68889 | 30 |
| 24 | [yo]d[ao]i0-4m | 0.68803 | 34 |
| 25 | om | 0.68572 | 188 |
| 26 | yodai0-4m | 0.68504 | 32 |
| 27 | od[ao]i0-4m | 0.68481 | 31 |
| 28 | [dlrsmg]e0-4y | 0.68194 | 304 |
| 29 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ory | 0.67162 | 25 |
| **30** | **opc + e4o** | **0.67141** | **5** |
| 31 | ord | 0.67124 | 12 |

| | | | |
|---|---|---|---|
| 32 | o + c \| cs + e4o[lr] | 0.31660 | 74 |
| 33 | [dlrsmg] + c \| c[s \| fptk] + e4o | 0.32202 | 42 |
| **34** | **odce0-4dy** | **0.32376** | **4** |
| 35 | o + c \| cs + e4ol | 0.32408 | 39 |
| 36 | oa | 0.32420 | 245 |
| 37 | o[fptk]c + e4os | 0.33464 | 8 |
| 38 | yd[ao]i0-4r | 0.34471 | 9 |
| 39 | okc + e4or | 0.34943 | 46 |
| 40 | ceed + cey | 0.35029 | 9 |
| 41 | ol + c \| cs + e4o[lr] | 0.35063 | 38 |
| **42** | **okc + e4o** | **0.35192** | **41** |
| 43 | [tk]c-Initial | 0.35932 | 618 |
| **44** | **otc + e4o** | **0.36051** | **34** |
| **45** | **[yo][dlrsmg] + c \| cs + e4o** | **0.36703** | **15** |
| 46 | sc-initial | 0.36742 | 84 |
| 47 | oce4y | 0.36805 | 48 |
| **48** | **opas variants** | **0.36876** | **2** |
| 49 | oce4y + s infixes | 0.37072 | 73 |
| 50 | yd[ao]i0-4[lr] | 0.37238 | 17 |

| | | | |
|---|---|---|---|
| **32** | **oly** | **0.65834** | **160** |
| 33 | [dlrsmg] + ai4m | 0.65818 | 12 |
| 34 | ai0-4[dlrsmg][dlrsmg] | 0.65123 | 226 |
| **35** | **o[lr]y** | **0.65120** | **240** |
| 36 | [yo][fptk]e4om | 0.64935 | 11 |
| 37 | opar variants | 0.64559 | 31 |
| 38 | ofai0-4n | 0.64376 | 6 |
| 39 | [yo]fai0-4n | 0.64376 | 6 |
| 40 | ols | 0.64230 | 70 |
| 41 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 0.64093 | 50 |
| **42** | **ory** | **0.63692** | **80** |
| 43 | dody | 0.63665 | 13 |
| 44 | [yo]pa | 0.63628 | 95 |
| 45 | ofor variants | 0.63588 | 5 |
| 46 | [yo][fp]a | 0.63232 | 122 |
| **47** | **ady** | **0.63178** | **24** |
| 48 | od[fptk \| dlrsmg] minus odl | 0.62919 | 21 |
| 49 | ydai0-4m | 0.62736 | 2 |
| 50 | [dlrsmg \| fptk]e0-4y | 0.62350 | 545 |

Table 25.3: Top 50 Clause Position Scores at Each Extrema by Word Category in Version #59

| Rank | Category | Clause Position Score |
|---|---|---|
| 1 | opom variants | 0.09545 |
| 2 | b | 0.15842 |
| 3 | opod variants | 0.19065 |
| 4 | odce0-4dy | 0.25185 |
| 5 | ofor variants | 0.26362 |
| 6 | [yo]e4[fp] | 0.28784 |
| 7 | [yo]fo | 0.29008 |
| 8 | opc + e4ody | 0.29127 |
| 9 | [yo]cp | 0.29515 |
| 10 | [yo]e4 \| c + [fp] | 0.29608 |
| 11 | [yo]c[fp] | 0.29753 |
| 12 | ofc + e4or | 0.29957 |
| 13 | olp | 0.29963 |
| 14 | cecpey relatives | 0.31686 |
| 15 | ope4dy | 0.31793 |
| 16 | ofai0-4n | 0.31913 |
| 17 | [yo]fai0-4n | 0.31913 |
| 18 | olf | 0.34783 |
| 19 | [yo][fp]o | 0.34886 |
| 20 | ofol variants | 0.34896 |
| 21 | a[fptk]y | 0.35087 |
| 22 | or + c \| cs + e4o[lr] | 0.35171 |
| 23 | ofc + e4ol | 0.35874 |
| 24 | ofod variants | 0.36111 |
| 25 | [yo]e0-4[fp]e0-4[yo] | 0.36448 |
| 26 | okos variants | 0.36581 |
| 27 | o[fptk]d | 0.37109 |
| 28 | [yo]po | 0.37285 |
| 29 | cecfey relatives | 0.37647 |
| 30 | opce0-4y | 0.37869 |
| 31 | opc + e4ol | 0.38348 |
| 32 | opol variants | 0.38432 |
| 33 | ope0-4y | 0.38604 |
| 34 | o[fptk]e0-4ay | 0.38630 |
| 35 | opc + e0-4 + y \| dy \| o[dlrs]y | 0.38705 |
| 36 | oe0-4[fp]oe0-4[lr] | 0.38799 |
| 37 | opce0-4dy | 0.38856 |
| 38 | [yo]py | 0.39342 |
| 39 | odl | 0.39571 |
| 40 | [yo]fai0-4[m] | 0.40871 |
| 41 | yd[ao]i0-4l | 0.41224 |
| 42 | ydai0-4l | 0.41224 |
| 43 | opor variants | 0.41329 |
| 44 | od[fptk \| dlrsmg] | 0.41549 |
| 45 | [yo][fp]y | 0.41800 |
| 46 | c[fp]e4y + added c-sequences | 0.41906 |
| 47 | cedar variants | 0.42110 |
| 48 | o[fptk]ce4[lrsmg] | 0.42293 |
| 49 | q[fptk]o[dlrsmg] | 0.42675 |
| 50 | ord | 0.42686 |

| Rank | Category | Clause Position Score |
|---|---|---|
| 1 | otos variants | 0.79364 |
| 2 | [yo][fptk]a[fptk]a | 0.74074 |
| 3 | o[fptk \| dlrsmg]e4g | 0.72684 |
| 4 | cedas variants | 0.72143 |
| 5 | [yo][fptk \| dlrsmg][ao]g | 0.69231 |
| 6 | [yo]ke4os | 0.69172 |
| 7 | cead variants | 0.68902 |
| **8** | **yc + e4ol** | **0.67990** |
| 9 | otas variants | 0.67686 |
| 10 | yd[ao]i0-4r | 0.67463 |
| 11 | [yo]doi0-4r | 0.67451 |
| 12 | ofc + e4o | 0.67308 |
| 13 | yd[ao]i0-4[rm] | 0.66674 |
| 14 | ydai0-4r | 0.66521 |
| 15 | o[fptk]o | 0.65034 |
| 16 | [dlrsmg] + c \| c[s \| fptk] + e4o | 0.64835 |
| 17 | otom variants | 0.64743 |
| 18 | okc + e4ody | 0.64706 |
| 19 | ce4y | 0.64130 |
| 20 | or[lrsmg] | 0.63955 |
| 21 | o[tk][lr] | 0.63731 |
| 22 | osai0-4n | 0.63589 |
| 23 | [yo]te4or | 0.63435 |
| 24 | o[fptk]edam | 0.63409 |
| 25 | o[fptk]e4os | 0.63231 |
| 26 | yd[ao]i0-4m | 0.63125 |
| 27 | ydai0-4m | 0.63125 |
| 28 | dai4m | 0.62919 |
| 29 | [yo]d[ao]i0-4m | 0.62870 |
| 30 | od[ao]i0-4m | 0.62854 |
| 31 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 0.62693 |
| 32 | [yo]e0-4do + e4\|i4 + [drn] & cedody | 0.62364 |
| 33 | yodai0-4m | 0.62335 |
| 34 | odai0-4m | 0.62282 |
| 35 | sc-initial | 0.62124 |
| 36 | ai4l | 0.62063 |
| 37 | cte4y | 0.61947 |
| 38 | [dlrsmg]ai4m | 0.61899 |
| 39 | ol[lr] | 0.61615 |
| 40 | cke4y | 0.61355 |
| **41** | **yc + e4o[lr]** | **0.61257** |
| 42 | ytai0-4n | 0.60852 |
| 43 | ce4o | 0.60816 |
| 44 | o[fptk \| dlrsmg][ao]m | 0.60629 |
| 45 | otc + e4ody | 0.60616 |
| 46 | c[fptk]e4y | 0.60605 |
| 47 | ce4dy | 0.60444 |
| 48 | okam variants | 0.60428 |
| 49 | ykai0-4n | 0.60426 |
| 50 | ceal verbs | 0.60416 |

Table 25.4: Top 50 Paragraph Position Scores at Each Extrema by Word Category in Version #59

| Rank | Category | Clause Position Score |
|---|---|---|
| 1 | ope4dy | 0.03759 |
| 2 | ofod variants | 0.04424 |
| 3 | b | 0.04483 |
| 4 | opas variants | 0.08782 |
| 5 | or[fptk] | 0.10388 |
| 6 | olp | 0.13070 |
| 7 | [yo]fo | 0.13078 |
| 8 | ofol variants | 0.13501 |
| 9 | opom variants | 0.14688 |
| 10 | ofai0-4n | 0.14834 |

| Rank | Category | Clause Position Score |
|---|---|---|
| 1 | otas variants | 0.72335 |
| 2 | o[fptk \| dlrsmg]e4g | 0.70842 |
| 3 | yd[ao]i0-4r | 0.66220 |
| 4 | ydai0-4r | 0.64775 |
| 5 | yd[ao]i0-4[rm] | 0.64296 |
| 6 | e4n | 0.64295 |
| 7 | yc + e4o | 0.63067 |
| 8 | [yo][fptk]e4om | 0.62656 |
| 9 | a[dlrsmg]am | 0.62306 |
| 10 | cead variants | 0.62107 |

| | | |
|---|---|---|
| 11 | [yo]fai0-4n | 0.14834 |
| 12 | ope0-4y | 0.15112 |
| 13 | [yo]py | 0.15198 |
| 14 | [yo][fp]y | 0.15674 |
| 15 | opc + e4ol | 0.15807 |
| 16 | [yo]e4[fp] | 0.16135 |
| 17 | ofc + e4ol | 0.17042 |
| 18 | ofe0-4y | 0.17342 |
| 19 | [yo]fy | 0.17342 |
| 20 | [yo]e0-4[fp]e0-4[yo] | 0.19101 |
| 21 | [yo]cp | 0.19590 |
| 22 | [yo]e4 \| c + [fp] | 0.19628 |
| 23 | ofce0-4dy | 0.20855 |
| 24 | [yo]c[fp] | 0.20929 |
| 25 | opol variants | 0.20945 |
| 26 | ofc + e0-4 + y \| dy \| o[dlrs]y | 0.20989 |
| 27 | [yo][fp]o | 0.21222 |
| 28 | ofc + e4or | 0.21632 |
| 29 | ofc + e4 + y \| dy \| o + [lr] Superset | 0.22244 |
| 30 | opc + e4ody | 0.22424 |
| 31 | oe0-4[fp]oe0-4[lr] | 0.22793 |
| 32 | opc + e4or | 0.23122 |
| 33 | opce0-4y | 0.23181 |
| 34 | opc + e0-4 + y \| dy \| o[dlrs]y | 0.23401 |
| 35 | opce0-4dy | 0.23689 |
| 36 | ofce0-4y | 0.23757 |
| 37 | ofor variants | 0.23763 |
| 38 | ef[yoa] | 0.24215 |
| 39 | [yo]po | 0.24546 |
| 40 | ece Verb | 0.24560 |
| 41 | olf | 0.24923 |
| 42 | e[fp][yoa] | 0.24953 |
| 43 | [yo][fp][yoa] | 0.25423 |
| 44 | ep[yoa] | 0.25553 |
| 45 | odc-Nouns | 0.25600 |
| 46 | opor variants | 0.25847 |
| 47 | [yo]fai0-4[m] | 0.26093 |
| 48 | cecpey relatives | 0.26328 |
| 49 | opai0-4n | 0.26634 |
| 50 | [yo][fp]ai0-4[m] | 0.27373 |

| | | |
|---|---|---|
| 11 | a[lr]an | 0.61953 |
| 12 | osai0-4n | 0.61889 |
| 13 | okam variants | 0.60786 |
| 14 | ykai0-4n | 0.60611 |
| 15 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 0.60400 |
| 16 | od[ao]i0-4m | 0.60076 |
| 17 | ytai0-4n | 0.59906 |
| 18 | o[tk][ao]s | 0.59870 |
| 19 | [yo]d[ao]i0-4m | 0.59807 |
| 20 | [yo]te4os | 0.59318 |
| 21 | otam variants | 0.59203 |
| 22 | o[fptk]o | 0.59134 |
| 23 | g | 0.58988 |
| 24 | odai0-4m | 0.58884 |
| 25 | yodai0-4m | 0.58681 |
| 26 | okos variants | 0.58626 |
| 27 | sai4n | 0.58362 |
| 28 | a[fptk]a | 0.58315 |
| 29 | [dlrsmg]ai4m | 0.58309 |
| 30 | eka | 0.58009 |
| 31 | o[fptk \| dlrsmg][ao]m | 0.57954 |
| 32 | ocke4y | 0.57886 |
| **33** | **yc + e4or** | **0.57823** |
| 34 | dai4m | 0.57806 |
| 35 | cedam variants | 0.57723 |
| 36 | [dlrsmg] + c \| c[s \| fptk] + e4o | 0.57664 |
| 37 | cean nouns | 0.57659 |
| 38 | l[drs] Prefixes | 0.57649 |
| 39 | o[fptk]edam | 0.57527 |
| 40 | ce4o | 0.57358 |
| 41 | c + e4 + [fptk] Nouns | 0.57126 |
| 42 | ai4l | 0.56901 |
| 43 | lc-initial | 0.56895 |
| 44 | om + o[fptk \| dlrsmg]am | 0.56859 |
| 45 | ll | 0.56822 |
| 46 | cectey relatives | 0.56820 |
| 47 | olo | 0.56820 |
| **48** | **yc + e4o[lr]** | **0.56688** |
| 49 | ce4y | 0.56671 |
| 50 | o[fptk]e4os | 0.56608 |

Table 25.5: Revelation of Internal Orders from Clause Positioning Scores of Leading Word Categories, Organized by Property Groups

-dy

| # | Remedy/Solution Hierarchy – Cosmetic/Bath | # | Clause Position |
|---|---|---|---|
| 27 | o[fptk]edar | 72 | 0.37586 |
| 49 | o[fptk]eda[lrsm \| n] | 184 | 0.43415 |
| 64 | ote4dy | 509 | 0.45231 |
| 69 | o[fptk]edai4n | 59 | 0.46012 |
| 85 | [yo][fptk]e4d | 60 | 0.47338 |
| 106 | o[fptk]e4dy | 1444 | 0.48069 |
| 136 | oke4dy | 933 | 0.49603 |

-y

| # | Remedy/Solution Hierarchy – Eruptive vs. Time? | # | Clause Position |
|---|---|---|---|
| 1 | [yo][fp]y | 44 | 0.15674 |
| 76 | [yo]te4o | 49 | 0.46818 |
| 95 | [yo][fptk]e4o | 88 | 0.47640 |
| 137 | [yo]ke4o | 89 | 0.49731 |
| 220 | o[tk]e0-4y | 2042 | 0.52395 |
| 247 | oke0-4y | 1314 | 0.53394 |
| 331 | o[fptk]o | 51 | 0.59134 |

-ody

| # | Remedy/Solution Hierarchy – Musculo-Skeletal | # | Clause Position |
|---|---|---|---|
| 75 | [yo]te4od | 149 | 0.46794 |
| 139 | o[fptk][ao]d | 185 | 0.49820 |
| 140 | [yo][fptk]e4od + y | 284 | 0.49842 |
| 171 | [yo][fptk]e4od | 355 | 0.50830 |
| 216 | okod variants | 74 | 0.52286 |
| 217 | otod variants | 88 | 0.52369 |
| 242 | [yo]ke4od | 207 | 0.53160 |
| 310 | o[fptk]ody | 85 | 0.56359 |

-[ao][lr]

| # | Problem/Disease Hierarchy - Other | # | Clause Position |
|---|---|---|---|
| 17 | opar variants | 48 | 0.28062 |
| 21 | opal variants | 42 | 0.29458 |
| 61 | otor variants | 113 | 0.45063 |
| 78 | [yo]te4ol | 99 | 0.46905 |
| 80 | [yo]te4o[lr] | 130 | 0.47114 |
| 108 | [yo]te4o[dlrsmg] | 341 | 0.48143 |
| 149 | otar variants | 345 | 0.50211 |
| 172 | otol variants | 239 | 0.50834 |
| 180 | [yo][fptk][ao][lr] | 2688 | 0.51112 |
| 184 | o-axis of [yo][fptk][ao][lr] | 764 | 0.51214 |
| 203 | [yo][fptk]e4or | 127 | 0.51919 |
| 209 | [yo][fptk]e4o[lr] | 449 | 0.52155 |
| 214 | [yo][fptk]e4ol | 322 | 0.52255 |
| 230 | okol variants | 285 | 0.52707 |
| 240 | [yo]ke4or | 96 | 0.53108 |
| 243 | a-axis of [yo][fptk][ao][lr] | 1731 | 0.53184 |
| 257 | okar variants | 493 | 0.53766 |
| 259 | okal variants | 544 | 0.53884 |
| 264 | [yo]ke4o[lr] | 319 | 0.54013 |
| 267 | [yo]ke4o[dlrsmg] | 584 | 0.54074 |
| 270 | okor variants | 122 | 0.54265 |
| 273 | [yo]ke4ol | 223 | 0.54430 |

-[ao][s | n | m]

| # | Problem/Disease Hierarchy - Endings | # | Clause Position |
|---|---|---|---|
| | **-[ao]s** | | |
| 262 | [yo]ke4os | 46 | 0.53950 |
| 278 | o[fptk][ao]s | 66 | 0.54558 |
| 299 | osa | 66 | 0.55584 |
| 312 | o[fptk]e4os | 106 | 0.56608 |
| 333 | [yo]te4os | 60 | 0.59318 |
| 334 | o[tk][ao]s | 58 | 0.59870 |
| | **-ai0-4n** | | |
| 16 | [yo][fp]ai0-4[#] | 111 | 0.27373 |
| 265 | otai0-4n | 430 | 0.54035 |
| 279 | [yo]tai0-4n | 490 | 0.54712 |
| 284 | o[fptk]ai4n | 1598 | 0.54955 |
| 297 | okai0-4n | 994 | 0.55429 |
| 301 | [yo]kai0-4n | 1067 | 0.55770 |
| 335 | ytai0-4n | 59 | 0.59906 |
| 337 | ykai0-4n | 73 | 0.60611 |
| | **-ai0-4m** | | |
| 326 | o[fptk \| dlrsmg][ao]m | 280 | 0.57954 |
| 332 | otam variants | 88 | 0.59203 |
| 338 | okam variants | 76 | 0.60786 |

| # | Problem/Disease Hierarchy - Cosmetic | # | Clause Position |
|---|---|---|---|
| 11 | opce0-4dy | 159 | 0.23689 |
| 26 | o[fptk]ce4[lrsmg] | 57 | 0.35524 |
| 28 | o[fptk]c + e0-4dy | 554 | 0.37922 |
| 34 | [yo][fptk]ce4d | 42 | 0.40582 |
| 63 | otce0-4dy | 172 | 0.45167 |
| 81 | okce0-4dy | 188 | 0.47133 |

| # | Problem/Disease Hierarchy - Eruptive | # | Clause Position |
|---|---|---|---|
| 9 | opce0-4y | 111 | 0.23181 |
| 66 | o[fptk]c + e0-4y | 753 | 0.45794 |
| 138 | o[dlrs]ce4y Superset | 196 | 0.49799 |
| 122 | otce0-4y | 281 | 0.48893 |
| 195 | okce0-4y | 338 | 0.51613 |

| # | Problem/Disease Hierarchy - Other | # | Clause Position |
|---|---|---|---|
| 54 | o[fptk]c + e4ody | 75 | 0.44406 |

| # | Problem/Disease Hierarchy - Other | # | Clause Position |
|---|---|---|---|
| 52 | o[fptk]c + e0-4ol | 159 | 0.43937 |
| 90 | o[fptk]c + e0-4or | 135 | 0.47455 |
| 119 | otc + e4or | 58 | 0.48664 |
| 175 | otc + e4ol | 66 | 0.50945 |
| 258 | okc + e4ol | 55 | 0.53873 |
| 300 | okc + e4or | 54 | 0.55629 |
| | **o-Endings** | | |
| 71 | otc + e4o | 44 | 0.46268 |
| 118 | [yo][fptk \| dlrsmg] + c \| cs + e4o | 113 | 0.48651 |
| 148 | o[fptk]c + e0-4o | 101 | 0.50188 |
| 291 | okc + e4o | 49 | 0.55238 |

| # | Balneological Ingredient Categories | # | Clause Position |
|---|---|---|---|
| 29 | edo | 90 | 0.38032 |
| 60 | eda | 784 | 0.45007 |
| 74 | Prefixed Versions of c \| c[s \| fptk] + e4dy | 41 | 0.46769 |
| 92 | cse4dy | 585 | 0.47511 |
| 96 | c + e4dy | 3053 | 0.47667 |
| 99 | c[s \| fptk]e4dy | 622 | 0.47762 |
| 86 | ed[yoa] | 5851 | 0.47361 |
| 100 | edy | 4981 | 0.47840 |
| 134 | c \| cs + e0-4d | 89 | 0.49578 |
| 200 | c \| c[s \| fptk] + e4dy | 1395 | 0.51798 |
| 249 | dcedy relatives | 85 | 0.53470 |
| 283 | [dlrsmg] + c \| c[s \| fptk] + e4dy | 327 | 0.54919 |

| # | Suspected Liquid Ingredients | # | Clause Position |
|---|---|---|---|
| 18 | c[fp]e4y + added c-sequences & cfeo-Initial | 84 | 0.28477 |
| 20 | c[fp]e4y + added c-sequences | 69 | 0.29275 |
| 24 | cpe4[yo] | 94 | 0.33701 |
| 30 | c-sequence + e4 + [fptk] + c-sequence + e4 + y | 84 | 0.39640 |
| 109 | cse4y | 578 | 0.48186 |
| 147 | c[s \| fptk]e4y | 887 | 0.50053 |
| 207 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 2060 | 0.52021 |
| 232 | c-sequence + e4 + [fptk] + e4 + y | 101 | 0.52793 |
| 239 | c + c[s \| fptk]e4y | 1624 | 0.53019 |
| 244 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 623 | 0.53215 |
| 245 | c[fptk]e4y | 310 | 0.53273 |
| 254 | ceckey relatives | 377 | 0.53723 |

| # | Herbal Ingredient Categories | # | Clause Position |
|---|---|---|---|
| 25 | cpeo-initial | 67 | 0.34720 |
| 44 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4oly | 44 | 0.42500 |
| 91 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4od | 68 | 0.47495 |
| 112 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 733 | 0.48295 |
| 121 | ckeo-initial | 79 | 0.48864 |
| 126 | cse4o | 205 | 0.49010 |
| 143 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 519 | 0.49979 |
| 155 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 503 | 0.50311 |
| 162 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 0.50549 |
| 166 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 445 | 0.50719 |
| 177 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 1227 | 0.50963 |
| 192 | c \| c[fptk] + e4o | 228 | 0.51475 |

| | | | |
|---|---|---|---|
| 295 | ce4dy | 755 | 0.55348 |

| | | | |
|---|---|---|---|
| 285 | cte4y | 186 | 0.54984 |
| 308 | cke4y | 93 | 0.56221 |
| 313 | ce4y | 737 | 0.56671 |
| 315 | cectey relatives | 197 | 0.56820 |

| | | | |
|---|---|---|---|
| 268 | cteo-initial | 220 | 0.54101 |
| 320 | ce4o | 160 | 0.57358 |
| **309** | **[fptk \| dlrsmg] + c \| c[s \| fptk] + e4os** | **158** | **0.56312** |
| 323 | [dlrsmg] + c \| c[s \| fptk] + e4o | 49 | 0.57664 |
| **336** | **[fptk \| dlrsmg] + c \| c[s \| fptk] + e4om** | **54** | **0.60400** |

| # | Balneological Verbs? | # | Clause Position |
|---|---|---|---|
| 35 | cedar variants | 176 | 0.40929 |
| 103 | cedal variants | 127 | 0.47912 |
| | **-ai0-4n** | | |
| 82 | cedaiin variants | 189 | 0.47140 |

| # | Ordinary Verbs | # | Clause Position |
|---|---|---|---|
| 196 | [dlrsmg] + ai4r | 190 | 0.51621 |
| 213 | [dlrsmg] + ai4[lr] + y-suffix | 1035 | 0.52250 |
| 215 | [dlrsmg]ai4[lr] | 875 | 0.52267 |
| 256 | ai4r | 483 | 0.53756 |
| 281 | ai4[lr] | 782 | 0.54802 |
| 319 | ai4l | 306 | 0.56901 |
| | **-ai0-4n** | | |
| 271 | rai4n | 115 | 0.54314 |
| 276 | dai4n | 1140 | 0.54537 |
| 286 | ai4n | 589 | 0.55010 |
| 289 | [dlrsmg \| fptk] + ai4n | 1724 | 0.55166 |
| 329 | sai4n | 258 | 0.58362 |
| 339 | a[lr]an | 56 | 0.61953 |
| | **-ai0-4m** | | |
| 324 | dai4m | 130 | 0.57806 |
| 328 | [dlrsmg]ai4m | 149 | 0.58309 |
| 340 | a[dlrsmg]am | 92 | 0.62306 |

| # | Herbal or Treatment Verbs | # | Clause Position |
|---|---|---|---|
| 37 | cear nouns | 62 | 0.41189 |
| 181 | cear variants | 365 | 0.51124 |
| 236 | cear verbs | 303 | 0.52969 |
| 231 | ceal variants | 269 | 0.52708 |
| 294 | ceal verbs | 230 | 0.55325 |
| | **-ai0-4n** | | |
| 302 | cean verbs | 213 | 0.55801 |
| 305 | cean variants | 255 | 0.55959 |
| 311 | ce4ai4n | 271 | 0.56433 |
| 322 | cean nouns | 43 | 0.57659 |
| | **-ai0-4m** | | |
| 250 | ceam variants | 76 | 0.53549 |
| 280 | ceam verbs | 61 | 0.54785 |

| # | Rare Categories | # | Clause Position |
|---|---|---|---|
| 41 | o[fptk][dlrsmg] | 68 | 0.42237 |
| 48 | c + e4 + [fptk] Endings | 60 | 0.43285 |
| 53 | Detached Class Modifiers | 95 | 0.44010 |
| 72 | o[fptk] endings | 79 | 0.46342 |
| 87 | faceys relatives | 61 | 0.47392 |
| 89 | od endings + odcey relatives | 275 | 0.47450 |
| 94 | c[fptk]c polygraph | 99 | 0.47633 |
| 97 | a[dlrsmg]c | 91 | 0.47683 |
| 105 | od endings | 243 | 0.48016 |
| 113 | ece Adjective | 69 | 0.48297 |
| 124 | ece polygraph | 219 | 0.48945 |
| 158 | ece Noun | 142 | 0.50406 |
| 159 | o[tk]e4s | 98 | 0.50485 |
| 160 | Double c-Sequence Nouns | 53 | 0.50542 |
| 201 | ai0-4[dlrsmg][dlrsmg] | 214 | 0.51903 |
| 210 | [dlrsmg]e0-4y | 453 | 0.52205 |
| 218 | [dlrsmg \| fptk]e0-4y | 735 | 0.52392 |
| 272 | a[lr][fptk] | 83 | 0.54344 |

| # | Anatomical Categories | # | Clause Position |
|---|---|---|---|
| 56 | olt | 65 | 0.44643 |
| 104 | ols | 93 | 0.47989 |
| 120 | oy | 141 | 0.48802 |
| 129 | [yo]dy endings | 1228 | 0.49109 |
| 146 | ol[ds] | 315 | 0.50014 |
| 164 | oy + oe4y | 207 | 0.50653 |
| 168 | olcey relative | 277 | 0.50758 |
| 179 | old | 225 | 0.51027 |
| 187 | ol[dtk] | 842 | 0.51306 |
| 198 | ol[tk] | 621 | 0.51636 |
| 199 | oe0-4s | 632 | 0.51739 |
| 224 | olk | 557 | 0.52457 |
| 229 | olcey relatives (non -edy) | 138 | 0.52666 |
| 288 | oe4y | 66 | 0.55133 |
| **269** | **om** | **203** | **0.54167** |
| | **oi4n and Relatives** | | |
| 123 | oi4n | 58 | 0.48893 |
| 125 | [yo]doi0-4[lr] | 45 | 0.48952 |
| 141 | [yo]doi0-4[lm] | 48 | 0.49882 |
| 144 | oi4n Superset | 257 | 0.49980 |
| **188** | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 809 | 0.51337 |
| 248 | [q \| fptk \| dlrsmg] + oi0-4[lr] | 1819 | 0.53405 |
| 277 | oi4[dlrsmg \| n] | 1124 | 0.54539 |

| # | Sensory Hierarchy (Related to – edy?) | # | Clause Position |
|---|---|---|---|
| 13 | e[fp][yoa] | 79 | 0.24953 |
| 15 | ep[yoa] | 46 | 0.25553 |
| 84 | e[tk]o | 60 | 0.47233 |
| 93 | et[yo] | 115 | 0.47615 |
| 111 | ety | 93 | 0.48270 |
| 115 | et[yoa] | 186 | 0.48386 |
| 135 | eta | 71 | 0.49584 |
| 282 | ek[yo] | 255 | 0.54875 |
| 304 | eky | 217 | 0.55862 |
| 307 | ek[yoa] | 446 | 0.56187 |
| 327 | eka | 191 | 0.58009 |

| # | Suspected Color/Symptom Hierarchy | # | Clause Position |
|---|---|---|---|
| 3 | [yo]e4 \| c + [fp] | 84 | 0.19628 |
| 4 | [yo]c[fp] | 62 | 0.20929 |
| 32 | [yo]c + e4ody | 48 | 0.40129 |
| 39 | o + c \| cs + e4o[lr] | 88 | 0.42121 |
| 40 | o + c \| cs + e4ol | 48 | 0.42147 |
| 55 | oce4y + s infixes | 90 | 0.44571 |
| 59 | oc[fpt]e4y | 132 | 0.44936 |
| 88 | oce4y | 60 | 0.47423 |
| 98 | [yo]c + e4o Superclass | 345 | 0.47735 |
| 114 | [yo]cse4y | 57 | 0.48368 |
| 130 | [yo]ce4y + s infixes | 172 | 0.49204 |
| 150 | [yo]ce4y | 113 | 0.50250 |
| 156 | oce4y + infixed versions | 379 | 0.50328 |
| 169 | [yo]c + e4dy | 110 | 0.50784 |
| 170 | oc[s \| fptk]e4y | 319 | 0.50828 |
| 176 | [yo]ce4y + infixed versions | 466 | 0.50959 |
| 183 | [yo]c[s \| fptk]e4y | 353 | 0.51181 |
| 205 | oc[fptk]e4y | 289 | 0.51969 |
| 206 | [yo]c[fptk]e4y | 294 | 0.51976 |
| 238 | yce4y | 53 | 0.53019 |
| 251 | yce4y + infixed versions | 87 | 0.53550 |
| 252 | yce4y + s infixes | 82 | 0.53589 |
| 314 | yc + e4o[lr] | 68 | 0.56688 |
| 325 | ocke4y | 162 | 0.57886 |

| # | Suspected Planet Categories | # | Clause Position |
|---|---|---|---|
| 31 | odai0-4r | 193 | 0.39763 |
| 33 | od[ao]i0-4r | 215 | 0.40386 |
| 36 | yodai0-4r | 205 | 0.41183 |
| 38 | [yo]d[ao]i0-4r | 228 | 0.41848 |
| 42 | odai0-4[lr] | 326 | 0.42294 |
| 45 | yodai0-4[lr] | 348 | 0.42651 |
| 47 | od[ao]i0-4[lr] | 369 | 0.43118 |
| 50 | [yo]d[ao]i0-4[lr] | 393 | 0.43506 |
| 57 | yodai0-4l | 143 | 0.44701 |
| 65 | [yo]d[ao]i0-4l | 165 | 0.45685 |
| 67 | odai0-4l | 133 | 0.45874 |
| 73 | od[ao]i0-4l | 154 | 0.46713 |
| | **-ai0-4n** | | |
| 185 | [yo]d[ao]i0-4n | 450 | 0.51259 |
| 186 | yodai0-4n | 448 | 0.51293 |
| 221 | od[ao]i0-4n | 410 | 0.52397 |
| 223 | odai0-4n | 408 | 0.52441 |

| # | Pipe/Flow/Queue Categories | # | Clause Position |
|---|---|---|---|
| 107 | dairol/soral relatives | 190 | 0.48119 |
| 131 | oly | 222 | 0.49261 |
| 142 | o[lr]y | 318 | 0.49955 |
| 145 | a[lr][ao][lr] | 391 | 0.50005 |
| 153 | [ao][lr][ao][lr] Pipe/Flow | 843 | 0.50301 |
| 154 | aro[dlrsmg] | 105 | 0.50310 |
| 241 | ory | 108 | 0.53113 |
| | **-ai0-4n** | | |
| 178 | olai0-4n | 126 | 0.51021 |
| 298 | orai0-4n | 135 | 0.55559 |

Table 25.6: Hard Grammar Rules Derived from Left-to-Right Directionality of Word Categories

| # | Category 1 | Category 2 | Word Count 1 | Word Count 2 | Actual Probability | Probability Difference | Actual Count | Inverse Count | Directionality Count Difference | Directionality Distance |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | lc-initial | [yo]kai0-4n | 457 | 1067 | 0.000514 | 0.000192 | 20 | 0 | 20 | 0.000514 |
| 2 | cte4[yo] | Single-Letter Words | 406 | 566 | 0.000514 | 0.000362 | 20 | 0 | 20 | 0.000514 |
| 3 | o[tk]e0-4y | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 2042 | 186 | 0.000488 | 0.000237 | 19 | 0 | 19 | 0.000488 |
| 4 | lc-initial | okai0-4n | 457 | 994 | 0.000462 | 0.000163 | 18 | 0 | 18 | 0.000462 |
| 5 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 3168 | 158 | 0.000385 | 0.000055 | 15 | 0 | 15 | 0.000385 |
| 6 | oke0-4y | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 1314 | 186 | 0.000385 | 0.000224 | 15 | 0 | 15 | 0.000385 |
| 7 | ai4l | [dlrsmg \| fptk]e0-4y | 306 | 735 | 0.000385 | 0.000237 | 15 | 0 | 15 | 0.000385 |
| 8 | ai4[dlrsmg \| n] | [yo]c[s \| fptk]e4y | 1519 | 353 | 0.000385 | 0.000031 | 15 | 0 | 15 | 0.000385 |
| 9 | l[fptk] Prefixes | cse4dy | 514 | 585 | 0.000360 | 0.000161 | 14 | 0 | 14 | 0.000360 |
| 10 | [dlrsmg \| fptk] + ai4[dlrsmg] | aro[dlrsmg] | 1444 | 105 | 0.000360 | 0.000260 | 14 | 0 | 14 | 0.000360 |
| 11 | [dlrsmg] + c \| c[s \| fptk] + e4dy | [yo]kai0-4n | 327 | 1067 | 0.000360 | 0.000129 | 14 | 0 | 14 | 0.000360 |
| 12 | [dlrsmg] + c \| c[s \| fptk] + e4dy | okai0-4n | 327 | 994 | 0.000360 | 0.000145 | 14 | 0 | 14 | 0.000360 |
| 13 | dc-initial | [yo]kai0-4n | 454 | 1067 | 0.000360 | 0.000040 | 14 | 0 | 14 | 0.000360 |
| 14 | ke4o | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 137 | 3168 | 0.000360 | 0.000073 | 14 | 0 | 14 | 0.000360 |
| 15 | dc-initial | okai0-4n | 454 | 994 | 0.000334 | 0.000036 | 13 | 0 | 13 | 0.000334 |
| 16 | ai4[dlrsmg \| n] | y + Non-[dlrs] Prefixes | 1519 | 205 | 0.000334 | 0.000128 | 13 | 0 | 13 | 0.000334 |
| 17 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | dc-initial | 222 | 454 | 0.000334 | 0.000267 | 13 | 0 | 13 | 0.000334 |
| 18 | lk-initial | cse4dy | 454 | 585 | 0.000308 | 0.000133 | 12 | 0 | 12 | 0.000308 |
| 19 | ai4[dlrsmg \| n] | oc[s \| fptk]e4y | 1519 | 319 | 0.000308 | -0.000012 | 12 | 0 | 12 | 0.000308 |
| 20 | ai4[lr] | om + o[fptk \| dlrsmg]am | 782 | 454 | 0.000308 | 0.000074 | 12 | 0 | 12 | 0.000308 |
| 21 | [fptk]e0-4y | [dlrsmg \| fptk] + ai4n | 161 | 1724 | 0.000308 | 0.000125 | 12 | 0 | 12 | 0.000308 |
| 22 | [dlrsmg \| fptk] + ai4n | oy | 1724 | 141 | 0.000308 | 0.000148 | 12 | 0 | 12 | 0.000308 |
| 23 | cteo-initial | Single-Letter Words | 220 | 566 | 0.000308 | 0.000226 | 12 | 0 | 12 | 0.000308 |
| 24 | [dlrsmg] + ai4[lr] + y-suffix | aro[dlrsmg] | 1035 | 105 | 0.000308 | 0.000237 | 12 | 0 | 12 | 0.000308 |
| 25 | [dlrsmg]ai4[lr] | aro[dlrsmg] | 875 | 105 | 0.000283 | 0.000222 | 11 | 0 | 11 | 0.000283 |
| 26 | [dlrsmg \| fptk]e0-4y | oa | 735 | 321 | 0.000283 | 0.000127 | 11 | 0 | 11 | 0.000283 |
| 27 | [fptk]ai4[lr] | ai4r | 190 | 483 | 0.000283 | 0.000222 | 11 | 0 | 11 | 0.000283 |
| 28 | c \| c[s \| fptk] + e4dy | ce4y | 1395 | 737 | 0.000283 | -0.000396 | 11 | 0 | 11 | 0.000283 |
| 29 | ai4[dlrsmg \| n] | [yo]c[fptk]e4y | 1519 | 294 | 0.000283 | -0.000012 | 11 | 0 | 11 | 0.000283 |
| 30 | l[drs] Prefixes | ai4[dlrsmg \| n] | 95 | 1519 | 0.000283 | 0.000187 | 11 | 0 | 11 | 0.000283 |
| 31 | oy + oe4y | [tk]e4o | 207 | 206 | 0.000283 | 0.000254 | 11 | 0 | 11 | 0.000283 |
| 32 | ai4n | cse4y | 589 | 578 | 0.000283 | 0.000058 | 11 | 0 | 11 | 0.000283 |
| 33 | [tk]c-Initial | [yo]kai0-4n | 667 | 1067 | 0.000283 | -0.000187 | 11 | 0 | 11 | 0.000283 |
| 34 | [tk]c-Initial | okai0-4n | 667 | 994 | 0.000283 | -0.000155 | 11 | 0 | 11 | 0.000283 |
| 35 | ai4n | otc + e0-4 + y \| dy \| o[dlrs]y | 589 | 493 | 0.000257 | 0.000065 | 10 | 0 | 10 | 0.000257 |
| 36 | ai4[dlrsmg \| n] | oc[fptk]e4y | 1519 | 289 | 0.000257 | -0.000033 | 10 | 0 | 10 | 0.000257 |
| 37 | a[lr][ao][lr] | cse4y | 391 | 578 | 0.000257 | 0.000108 | 10 | 0 | 10 | 0.000257 |
| 38 | tc-initial | [yo]kai0-4n | 345 | 1067 | 0.000257 | 0.000014 | 10 | 0 | 10 | 0.000257 |
| 39 | tc-initial | okai0-4n | 345 | 994 | 0.000257 | 0.000031 | 10 | 0 | 10 | 0.000257 |
| 40 | om + o[fptk \| dlrsmg]am | oa | 454 | 321 | 0.000257 | 0.000161 | 10 | 0 | 10 | 0.000257 |
| 41 | [yo]c[fp] | [yo][fptk][ao][lr] | 62 | 2688 | 0.000257 | 0.000147 | 10 | 0 | 10 | 0.000257 |
| 42 | ai4[dlrsmg] | y + Non-[dlrs] Prefixes | 930 | 205 | 0.000257 | 0.000131 | 10 | 0 | 10 | 0.000257 |
| 43 | [yo][fptk][ao][lr] | Consonant Clusters | 2688 | 115 | 0.000257 | 0.000053 | 10 | 0 | 10 | 0.000257 |
| 44 | dcedy relatives | oke4dy | 85 | 933 | 0.000257 | 0.000205 | 10 | 0 | 10 | 0.000257 |
| 45 | okol variants | [yo]kai0-4n | 285 | 1067 | 0.000257 | 0.000056 | 10 | 0 | 10 | 0.000257 |
| 46 | pc-initial | [yo][fp][yoa] | 307 | 339 | 0.000257 | 0.000188 | 10 | 0 | 10 | 0.000257 |
| 47 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | o[fptk] endings | 3168 | 79 | 0.000257 | 0.000092 | 10 | 0 | 10 | 0.000257 |
| 48 | opce0-4y | o[tk]e0-4y | 111 | 2042 | 0.000257 | 0.000107 | 10 | 0 | 10 | 0.000257 |
| 49 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | cse4dy | 186 | 585 | 0.000231 | 0.000159 | 9 | 0 | 9 | 0.000231 |
| 50 | Consonant Clusters | ai4r | 115 | 483 | 0.000231 | 0.000195 | 9 | 0 | 9 | 0.000231 |
| 51 | dai4n | oy | 1140 | 141 | 0.000231 | 0.000125 | 9 | 0 | 9 | 0.000231 |
| 52 | dai4n | oy + oe4y | 1140 | 207 | 0.000231 | 0.000075 | 9 | 0 | 9 | 0.000231 |
| 53 | [yo][fptk\| dlrsmg] + c \| cs + e4o | [q \| fptk \| dlrsmg] + oi0-4[lr] | 113 | 1819 | 0.000231 | 0.000096 | 9 | 0 | 9 | 0.000231 |
| 54 | [yo][fptk]e4o[dlrsmg] | ce4o | 924 | 160 | 0.000231 | 0.000134 | 9 | 0 | 9 | 0.000231 |
| 55 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | c[s \| fptk]e4dy | 186 | 622 | 0.000231 | 0.000155 | 9 | 0 | 9 | 0.000231 |
| 56 | c[fptk]e4y | Single-Letter Words | 310 | 566 | 0.000231 | 0.000115 | 9 | 0 | 9 | 0.000231 |
| 57 | c[fptk]e4y | [yo][fptk]e4o[lr] | 310 | 449 | 0.000231 | 0.000139 | 9 | 0 | 9 | 0.000231 |
| 58 | yc + e4o | lk-initial | 38 | 454 | 0.000231 | 0.000220 | 9 | 0 | 9 | 0.000231 |
| 59 | [fp]c-Initial | ol[tk] | 387 | 621 | 0.000231 | 0.000073 | 9 | 0 | 9 | 0.000231 |
| 60 | pc-initial | [yo]e0-4[fp]e0-4[yo] | 307 | 149 | 0.000231 | 0.000201 | 9 | 0 | 9 | 0.000231 |
| 61 | yc + e4o | l[fptk] Prefixes | 38 | 514 | 0.000231 | 0.000218 | 9 | 0 | 9 | 0.000231 |
| 62 | ke4o | [dlrsmg \| fptk] + ai4n | 137 | 1724 | 0.000231 | 0.000075 | 9 | 0 | 9 | 0.000231 |
| 63 | ai4[dlrsmg] | [yo]c[s \| fptk]e4y | 930 | 353 | 0.000231 | 0.000015 | 9 | 0 | 9 | 0.000231 |
| 64 | ce4a | cse4dy | 1009 | 585 | 0.000231 | -0.000158 | 9 | 0 | 9 | 0.000231 |
| 65 | ce4a | c[s \| fptk]e4dy | 1009 | 622 | 0.000231 | -0.000183 | 9 | 0 | 9 | 0.000231 |
| 66 | o[fptk]c + e0-4o | [q \| fptk \| dlrsmg] + oi0-4[lr] | 101 | 1819 | 0.000231 | 0.000110 | 9 | 0 | 9 | 0.000231 |
| 67 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | c[s \| fptk]e4y | 158 | 887 | 0.000231 | 0.000139 | 9 | 0 | 9 | 0.000231 |
| 68 | ai4[lr] | y + Non-[dlrs] Prefixes | 782 | 205 | 0.000231 | 0.000125 | 9 | 0 | 9 | 0.000231 |
| 69 | oy + oe4y | ke4o | 207 | 137 | 0.000231 | 0.000213 | 9 | 0 | 9 | 0.000231 |
| 70 | oro | y-initial | 102 | 1926 | 0.000231 | 0.000102 | 9 | 0 | 9 | 0.000231 |
| 71 | o[tk][ao]s | ai4[dlrsmg \| n] | 58 | 1519 | 0.000231 | 0.000173 | 9 | 0 | 9 | 0.000231 |
| 72 | [fp]c-Initial | ol[dtk] | 387 | 842 | 0.000231 | 0.000016 | 9 | 0 | 9 | 0.000231 |
| 73 | ai4l | [dlrsmg]e0-4y | 306 | 453 | 0.000231 | 0.000140 | 9 | 0 | 9 | 0.000231 |
| 74 | ai4l | [tk]e4dy | 306 | 309 | 0.000206 | 0.000143 | 8 | 0 | 8 | 0.000206 |
| 75 | ai4l | ke4dy | 306 | 217 | 0.000206 | 0.000162 | 8 | 0 | 8 | 0.000206 |
| 76 | [yo][fptk]e4o | dai4n | 88 | 1140 | 0.000206 | 0.000139 | 8 | 0 | 8 | 0.000206 |
| 77 | ai4[dlrsmg] | o[fptk \| dlrsmg][ao]m | 930 | 280 | 0.000206 | 0.000034 | 8 | 0 | 8 | 0.000206 |
| 78 | pc-initial | [yo][fp]o | 307 | 95 | 0.000206 | 0.000186 | 8 | 0 | 8 | 0.000206 |
| 79 | pc-initial | oe | 307 | 463 | 0.000206 | 0.000112 | 8 | 0 | 8 | 0.000206 |
| 80 | pc-initial | oe sans oy + oe4y, oe0-4s | 307 | 317 | 0.000206 | 0.000141 | 8 | 0 | 8 | 0.000206 |
| 81 | od[ao]i0-4r | c \| c[fptk] + e4o | 215 | 228 | 0.000206 | 0.000173 | 8 | 0 | 8 | 0.000206 |
| 82 | ai4l | ce4dy | 306 | 755 | 0.000206 | 0.000053 | 8 | 0 | 8 | 0.000206 |
| 83 | ai4n | o[fptk]c + e0-4y | 589 | 753 | 0.000206 | -0.000087 | 8 | 0 | 8 | 0.000206 |
| 84 | odai0-4r | c \| c[fptk] + e4o | 193 | 228 | 0.000206 | 0.000176 | 8 | 0 | 8 | 0.000206 |
| 85 | om + o[fptk \| dlrsmg]am | [yo]ce4y + s infixes | 454 | 172 | 0.000206 | 0.000154 | 8 | 0 | 8 | 0.000206 |
| 86 | [dlrsmg \| fptk] + ai4[dlrsmg] | cse4o | 1444 | 205 | 0.000206 | 0.000010 | 8 | 0 | 8 | 0.000206 |
| 87 | ai4[dlrsmg \| n] | ocke4y | 1519 | 162 | 0.000206 | 0.000043 | 8 | 0 | 8 | 0.000206 |
| 88 | old | o[fptk]c + e0-4or | 225 | 135 | 0.000206 | 0.000185 | 8 | 0 | 8 | 0.000206 |
| 89 | cean verbs | edy | 213 | 4981 | 0.000206 | -0.000495 | 8 | 0 | 8 | 0.000206 |
| 90 | [yo]d[ao]i0-4r | c \| c[fptk] + e4o | 228 | 228 | 0.000206 | 0.000171 | 8 | 0 | 8 | 0.000206 |
| 91 | yc + e4o[lr] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 68 | 733 | 0.000206 | 0.000173 | 8 | 0 | 8 | 0.000206 |
| 92 | cteo-initial | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 220 | 809 | 0.000206 | 0.000088 | 8 | 0 | 8 | 0.000206 |
| 93 | [fptk]ai4n | eda | 191 | 784 | 0.000206 | 0.000107 | 8 | 0 | 8 | 0.000206 |
| 94 | c + c[s \| fptk]e4y | opce0-4dy | 1624 | 159 | 0.000206 | 0.000035 | 8 | 0 | 8 | 0.000206 |
| 95 | cte4y | Single-Letter Words | 186 | 566 | 0.000206 | 0.000136 | 8 | 0 | 8 | 0.000206 |
| 96 | ai4r | om + o[fptk \| dlrsmg]am | 483 | 454 | 0.000206 | 0.000061 | 8 | 0 | 8 | 0.000206 |
| 97 | [fp]c-Initial | ai4r | 387 | 483 | 0.000206 | 0.000082 | 8 | 0 | 8 | 0.000206 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 98 | pc-initial | ol[tk] | 307 | 621 | 0.000206 | 0.000080 | 8 | 0 | 8 | 0.000206 |
| 99 | [fp]c-Initial | oe | 387 | 463 | 0.000206 | 0.000087 | 8 | 0 | 8 | 0.000206 |
| 100 | [fp]c-Initial | oe sans oy + oe4y, oe0-4s | 387 | 317 | 0.000206 | 0.000125 | 8 | 0 | 8 | 0.000206 |
| 101 | pc-initial | ol[dtk] | 307 | 842 | 0.000206 | 0.000035 | 8 | 0 | 8 | 0.000206 |
| 102 | pc-initial | [dlrsmg \| fptk] + ai4n | 307 | 1724 | 0.000206 | -0.000144 | 8 | 0 | 8 | 0.000206 |
| 103 | [tk]c-Initial | otar variants | 667 | 345 | 0.000206 | 0.000054 | 8 | 0 | 8 | 0.000206 |
| 104 | okol variants | okai0-4n | 285 | 994 | 0.000206 | 0.000019 | 8 | 0 | 8 | 0.000206 |
| 105 | o[lr]y | so | 318 | 378 | 0.000206 | 0.000126 | 8 | 0 | 8 | 0.000206 |
| 106 | [yo][fptk \| dlrsmg] + c \| cs + e4o | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 113 | 230 | 0.000206 | 0.000188 | 8 | 0 | 8 | 0.000206 |
| 107 | [yo][fptk \| dlrsmg] + c \| cs + e4o | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 113 | 809 | 0.000206 | 0.000145 | 8 | 0 | 8 | 0.000206 |
| 108 | cte4[yo] | ol[ds] | 406 | 315 | 0.000206 | 0.000121 | 8 | 0 | 8 | 0.000206 |
| 109 | otor variants | ai4[dlrsmg \| n] | 113 | 1519 | 0.000206 | 0.000092 | 8 | 0 | 8 | 0.000206 |
| 110 | yodai0-4l | [dlrsmg \| fptk] + ai4n | 143 | 1724 | 0.000206 | 0.000043 | 8 | 0 | 8 | 0.000206 |
| 111 | y-initial | oce4y + s infixes | 1926 | 90 | 0.000206 | 0.000091 | 8 | 0 | 8 | 0.000206 |
| 112 | cse4y | oce4y + infixed versions | 578 | 379 | 0.000206 | 0.000061 | 8 | 0 | 8 | 0.000206 |
| 113 | o[fptk]c + e0-4o | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 101 | 809 | 0.000206 | 0.000152 | 8 | 0 | 8 | 0.000206 |
| 114 | [dlrsmg \| fptk] + ai4n | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 1724 | 158 | 0.000206 | 0.000026 | 8 | 0 | 8 | 0.000206 |
| 115 | yodai0-4r | c \| c[fptk] + e4o | 205 | 228 | 0.000206 | 0.000175 | 8 | 0 | 8 | 0.000206 |
| 116 | [yo]dy endings | [yo]ke4o | 1228 | 89 | 0.000206 | 0.000133 | 8 | 0 | 8 | 0.000206 |
| 117 | o[fptk][ao]s | ai4[dlrsmg] | 66 | 930 | 0.000206 | 0.000165 | 8 | 0 | 8 | 0.000206 |
| 118 | o[tk]e4s | ai4l | 98 | 306 | 0.000206 | 0.000186 | 8 | 0 | 8 | 0.000206 |
| 119 | okai0-4n | a[dlrsmg]am | 994 | 92 | 0.000206 | 0.000145 | 8 | 0 | 8 | 0.000206 |
| 120 | [tk]e4o | [yo]d[ao]i0-4[lrm \| n] | 206 | 880 | 0.000180 | 0.000060 | 7 | 0 | 7 | 0.000180 |
| 121 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | [dlrsmg \| fptk] + ai4n | 230 | 1724 | 0.000180 | -0.000082 | 7 | 0 | 7 | 0.000180 |
| 122 | cte4[yo] | okol variants | 406 | 285 | 0.000180 | 0.000103 | 7 | 0 | 7 | 0.000180 |
| 123 | [yo][fp]ai0-4[rn] | [dlrsmg] + ai4[lr] + y-suffix | 111 | 1035 | 0.000180 | 0.000104 | 7 | 0 | 7 | 0.000180 |
| 124 | c[s \| fptk]e4y | [dlrsmg] + c \| c[s \| fptk] + e4dy | 887 | 327 | 0.000180 | -0.000012 | 7 | 0 | 7 | 0.000180 |
| 125 | c[s \| fptk]e4y | o[fptk]c + e0-4dy | 887 | 554 | 0.000180 | -0.000145 | 7 | 0 | 7 | 0.000180 |
| 126 | c[s \| fptk]e4y | qo variants | 887 | 59 | 0.000180 | 0.000145 | 7 | 0 | 7 | 0.000180 |
| 127 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | [yo]ke4o[lr] | 623 | 319 | 0.000180 | 0.000049 | 7 | 0 | 7 | 0.000180 |
| 128 | [fptk]ai4n | cedai4[lrsm \| n] | 191 | 527 | 0.000180 | 0.000113 | 7 | 0 | 7 | 0.000180 |
| 129 | okce0-4dy | okal variants | 188 | 544 | 0.000180 | 0.000112 | 7 | 0 | 7 | 0.000180 |
| 130 | cse4y | o[fptk]c + e0-4dy | 578 | 554 | 0.000180 | -0.000032 | 7 | 0 | 7 | 0.000180 |
| 131 | [yo][fptk \| dlrsmg] + c \| cs + e4o | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 113 | 186 | 0.000180 | 0.000166 | 7 | 0 | 7 | 0.000180 |
| 132 | [dlrsmg]e0-4y | oa | 453 | 321 | 0.000180 | 0.000084 | 7 | 0 | 7 | 0.000180 |
| 133 | [yo]ke4o[dlrsmg] | ce4o | 584 | 160 | 0.000180 | 0.000118 | 7 | 0 | 7 | 0.000180 |
| 134 | ol[yoa] | otal variants | 614 | 333 | 0.000180 | 0.000045 | 7 | 0 | 7 | 0.000180 |
| 135 | [yo]c + e4dy | ote4dy | 110 | 509 | 0.000180 | 0.000143 | 7 | 0 | 7 | 0.000180 |
| 136 | ol[dtk] | otce0-4y | 842 | 281 | 0.000180 | 0.000024 | 7 | 0 | 7 | 0.000180 |
| 137 | oe | ke4o | 463 | 137 | 0.000180 | 0.000138 | 7 | 0 | 7 | 0.000180 |
| 138 | odai0-4l | [dlrsmg \| fptk] + ai4n | 133 | 1724 | 0.000180 | 0.000028 | 7 | 0 | 7 | 0.000180 |
| 139 | [yo][fptk]e4o[lr] | ce4o | 449 | 160 | 0.000180 | 0.000132 | 7 | 0 | 7 | 0.000180 |
| 140 | c[fptk]e4y | [yo][fptk]e4ol | 310 | 322 | 0.000180 | 0.000114 | 7 | 0 | 7 | 0.000180 |
| 141 | ai4l | yodai0-4n | 306 | 448 | 0.000180 | 0.000089 | 7 | 0 | 7 | 0.000180 |
| 142 | ai4l | odai0-4n | 306 | 408 | 0.000180 | 0.000097 | 7 | 0 | 7 | 0.000180 |
| 143 | ai4l | [yo]d[ao]i0-4n | 306 | 450 | 0.000180 | 0.000089 | 7 | 0 | 7 | 0.000180 |
| 144 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | o[fptk][dlrsmg] | 1421 | 68 | 0.000180 | 0.000116 | 7 | 0 | 7 | 0.000180 |
| 145 | [dlrsmg] + ai4[lr] + y-suffix | cse4o | 1035 | 205 | 0.000180 | 0.000040 | 7 | 0 | 7 | 0.000180 |
| 146 | cke4[yo] | okol variants | 172 | 285 | 0.000180 | 0.000147 | 7 | 0 | 7 | 0.000180 |
| 147 | ai4n | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 589 | 623 | 0.000180 | -0.000062 | 7 | 0 | 7 | 0.000180 |
| 148 | dairol/soral relatives | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 190 | 2246 | 0.000180 | -0.000102 | 7 | 0 | 7 | 0.000180 |
| 149 | [dlrsmg \| fptk]e0-4y | olcey relative | 735 | 277 | 0.000180 | 0.000045 | 7 | 0 | 7 | 0.000180 |
| 150 | c-sequence + e4 + [fptk] + c-sequence + e4 + y | [dlrsmg \| fptk] + ai4[dlrsmg] | 84 | 1444 | 0.000180 | 0.000100 | 7 | 0 | 7 | 0.000180 |
| 151 | cteo-initial | [q \| fptk \| dlrsmg] + oi0-4[lr] | 220 | 1819 | 0.000180 | -0.000084 | 7 | 0 | 7 | 0.000180 |
| 152 | a-axis of [yo][fptk][ao][lr] | Consonant Clusters | 1731 | 115 | 0.000180 | 0.000048 | 7 | 0 | 7 | 0.000180 |
| 153 | oi4n | c + c[s \| fptk]e4y | 58 | 1624 | 0.000180 | 0.000118 | 7 | 0 | 7 | 0.000180 |
| 154 | [yo]cp | [yo][fptk][ao][lr] | 38 | 2688 | 0.000180 | 0.000112 | 7 | 0 | 7 | 0.000180 |
| 155 | [fptk]e0-4y | [yo][fptk][ao][lr] | 161 | 2688 | 0.000180 | -0.000106 | 7 | 0 | 7 | 0.000180 |
| 156 | [dlrsmg \| fptk] + ai4[dlrsmg] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 1444 | 158 | 0.000180 | 0.000029 | 7 | 0 | 7 | 0.000180 |
| 157 | okar variants | ol[yo] | 493 | 388 | 0.000180 | 0.000054 | 7 | 0 | 7 | 0.000180 |
| 158 | ai4[lr] | [fptk]e0-4y | 782 | 161 | 0.000180 | 0.000097 | 7 | 0 | 7 | 0.000180 |
| 159 | ai4[lr] | o[fptk \| dlrsmg][ao]m | 782 | 280 | 0.000180 | 0.000035 | 7 | 0 | 7 | 0.000180 |
| 160 | ai4[dlrsmg \| n] | olcey relative | 1519 | 277 | 0.000180 | -0.000098 | 7 | 0 | 7 | 0.000180 |
| 161 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | [dlrsmg] + ai4r | 809 | 190 | 0.000180 | 0.000078 | 7 | 0 | 7 | 0.000180 |
| 162 | ai4[dlrsmg \| n] | o[lr]y | 1519 | 318 | 0.000180 | -0.000139 | 7 | 0 | 7 | 0.000180 |
| 163 | ai4[lr] | [yo]c[s \| fptk]e4y | 782 | 353 | 0.000180 | -0.000002 | 7 | 0 | 7 | 0.000180 |
| 164 | oi4n | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 58 | 2060 | 0.000180 | 0.000101 | 7 | 0 | 7 | 0.000180 |
| 165 | pc-initial | ai4r | 307 | 483 | 0.000180 | 0.000082 | 7 | 0 | 7 | 0.000180 |
| 166 | o[tk][ao]s | ai4[dlrsmg] | 58 | 930 | 0.000180 | 0.000144 | 7 | 0 | 7 | 0.000180 |
| 167 | ce4dy | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 755 | 222 | 0.000180 | 0.000069 | 7 | 0 | 7 | 0.000180 |
| 168 | [fp]c-Initial | olk | 387 | 557 | 0.000180 | 0.000038 | 7 | 0 | 7 | 0.000180 |
| 169 | oke0-4y | c \| c[fptk] + e4o | 1314 | 228 | 0.000180 | -0.000018 | 7 | 0 | 7 | 0.000180 |
| 170 | ai4l | od[ao]i0-4n | 306 | 410 | 0.000180 | 0.000097 | 7 | 0 | 7 | 0.000180 |
| 171 | ai4l | oke0-4y | 306 | 1314 | 0.000154 | -0.000111 | 6 | 0 | 6 | 0.000154 |
| 172 | od endings + odcey relatives | yodai0-4n | 275 | 448 | 0.000154 | 0.000073 | 6 | 0 | 6 | 0.000154 |
| 173 | od endings + odcey relatives | odai0-4n | 275 | 408 | 0.000154 | 0.000080 | 6 | 0 | 6 | 0.000154 |
| 174 | od endings + odcey relatives | [yo]d[ao]i0-4n | 275 | 450 | 0.000154 | 0.000072 | 6 | 0 | 6 | 0.000154 |
| 175 | [yo]te4o[dlrsmg] | ocke4y | 341 | 162 | 0.000154 | 0.000118 | 6 | 0 | 6 | 0.000154 |
| 176 | od endings + odcey relatives | od[ao]i0-4n | 275 | 410 | 0.000154 | 0.000080 | 6 | 0 | 6 | 0.000154 |
| 177 | yc + e4or | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 34 | 733 | 0.000154 | 0.000138 | 6 | 0 | 6 | 0.000154 |
| 178 | ai4[dlrsmg] | o[dlrs]ce4y Superset | 930 | 196 | 0.000154 | 0.000034 | 6 | 0 | 6 | 0.000154 |
| 179 | od[ao]i0-4n | ceal variants | 410 | 269 | 0.000154 | 0.000081 | 6 | 0 | 6 | 0.000154 |
| 180 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | ce4ai4n | 519 | 271 | 0.000154 | 0.000061 | 6 | 0 | 6 | 0.000154 |
| 181 | ce4y | l-prefix + [fptk]e0-4y | 737 | 80 | 0.000154 | 0.000115 | 6 | 0 | 6 | 0.000154 |
| 182 | [tk]c-Initial | opce0-4y | 667 | 111 | 0.000154 | 0.000105 | 6 | 0 | 6 | 0.000154 |
| 183 | [tk]c-Initial | okar variants | 667 | 493 | 0.000154 | -0.000063 | 6 | 0 | 6 | 0.000154 |
| 184 | ai4n | oc[s \| fptk]e4y | 589 | 319 | 0.000154 | 0.000030 | 6 | 0 | 6 | 0.000154 |
| 185 | ai4n | [yo]c[s \| fptk]e4y | 589 | 353 | 0.000154 | 0.000017 | 6 | 0 | 6 | 0.000154 |
| 186 | ai4l | c[s \| fptk]e4y | 306 | 887 | 0.000154 | -0.000025 | 6 | 0 | 6 | 0.000154 |
| 187 | ai4n | oc[fptk]e4y | 589 | 289 | 0.000154 | 0.000042 | 6 | 0 | 6 | 0.000154 |
| 188 | ai4n | [dlrsmg \| fptk]e0-4y | 589 | 735 | 0.000154 | -0.000132 | 6 | 0 | 6 | 0.000154 |
| 189 | y[fptk]-initial | oce4y + s infixes | 1295 | 90 | 0.000154 | 0.000077 | 6 | 0 | 6 | 0.000154 |
| 190 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | oo + oe4o | 519 | 133 | 0.000154 | 0.000109 | 6 | 0 | 6 | 0.000154 |
| 191 | [dlrsmg] + ai4r | ek[yoa] | 190 | 446 | 0.000154 | 0.000098 | 6 | 0 | 6 | 0.000154 |
| 192 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | cse4y | 158 | 578 | 0.000154 | 0.000094 | 6 | 0 | 6 | 0.000154 |
| 193 | a[dlrsmg]am | dc-initial | 92 | 454 | 0.000154 | 0.000127 | 6 | 0 | 6 | 0.000154 |
| 194 | a[dlrsmg]am | [dlrsmg]ai4[lr] | 92 | 875 | 0.000154 | 0.000101 | 6 | 0 | 6 | 0.000154 |
| 195 | odai0-4n | ceal variants | 408 | 269 | 0.000154 | 0.000082 | 6 | 0 | 6 | 0.000154 |
| 196 | oe4y | [tk]e4o | 66 | 206 | 0.000154 | 0.000145 | 6 | 0 | 6 | 0.000154 |
| 197 | o[fptk][dlrsmg] | c \| c[s \| fptk] + e4dy | 68 | 1395 | 0.000154 | 0.000092 | 6 | 0 | 6 | 0.000154 |
| 198 | oro | Single-Letter Words | 102 | 566 | 0.000154 | 0.000116 | 6 | 0 | 6 | 0.000154 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 199 | oa | cear variants | 321 | 365 | 0.000154 | 0.000077 | 6 | 0 | 6 | 0.000154 |
| 200 | oa | cear verbs | 321 | 303 | 0.000154 | 0.000090 | 6 | 0 | 6 | 0.000154 |
| 201 | oy + oe4y | [yo]kai0-4n | 207 | 1067 | 0.000154 | 0.000008 | 6 | 0 | 6 | 0.000154 |
| 202 | so | ce4ai4n | 378 | 271 | 0.000154 | 0.000087 | 6 | 0 | 6 | 0.000154 |
| 203 | ai4[lr] | om | 782 | 203 | 0.000154 | 0.000049 | 6 | 0 | 6 | 0.000154 |
| 204 | ai4[dlrsmg \| n] | oly | 1519 | 222 | 0.000154 | -0.000068 | 6 | 0 | 6 | 0.000154 |
| 205 | ai4[dlrsmg \| n] | ety | 1519 | 93 | 0.000154 | 0.000061 | 6 | 0 | 6 | 0.000154 |
| 206 | o[fptk \| dlrsmg][ao]m | [yo]ce4y + s infixes | 280 | 172 | 0.000154 | 0.000122 | 6 | 0 | 6 | 0.000154 |
| 207 | oda | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 847 | 54 | 0.000154 | 0.000124 | 6 | 0 | 6 | 0.000154 |
| 208 | so | cean variants | 378 | 255 | 0.000154 | 0.000091 | 6 | 0 | 6 | 0.000154 |
| 209 | so | cean verbs | 378 | 213 | 0.000154 | 0.000101 | 6 | 0 | 6 | 0.000154 |
| 210 | oy + oe4y | o[fptk]ai4n | 207 | 1598 | 0.000154 | -0.000064 | 6 | 0 | 6 | 0.000154 |
| 211 | [tk]e4dy | dai4n | 309 | 1140 | 0.000154 | -0.000078 | 6 | 0 | 6 | 0.000154 |
| 212 | oy + oe4y | okai0-4n | 207 | 994 | 0.000154 | 0.000018 | 6 | 0 | 6 | 0.000154 |
| 213 | opce0-4y | ote0-4y | 111 | 731 | 0.000154 | 0.000101 | 6 | 0 | 6 | 0.000154 |
| 214 | lc-initial | cear variants | 457 | 365 | 0.000154 | 0.000044 | 6 | 0 | 6 | 0.000154 |
| 215 | lc-initial | cear verbs | 457 | 303 | 0.000154 | 0.000063 | 6 | 0 | 6 | 0.000154 |
| 216 | okc + e4or | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 54 | 733 | 0.000154 | 0.000128 | 6 | 0 | 6 | 0.000154 |
| 217 | om + o[fptk \| dlrsmg]am | yc + e4o[lr] | 454 | 68 | 0.000154 | 0.000134 | 6 | 0 | 6 | 0.000154 |
| 218 | o[fptk]c + e0-4o | kc-initial | 101 | 322 | 0.000154 | 0.000133 | 6 | 0 | 6 | 0.000154 |
| 219 | ai4[dlrsmg \| n] | a[dlrsmg]c | 1519 | 91 | 0.000154 | 0.000063 | 6 | 0 | 6 | 0.000154 |
| 220 | [fptk]e0-4y | dai4n | 161 | 1140 | 0.000154 | 0.000033 | 6 | 0 | 6 | 0.000154 |
| 221 | [yo]ce4y + infixed versions | opc + e0-4 + y \| dy \| o[dlrs]y | 466 | 302 | 0.000154 | 0.000061 | 6 | 0 | 6 | 0.000154 |
| 222 | old | otc + e4or | 225 | 58 | 0.000154 | 0.000146 | 6 | 0 | 6 | 0.000154 |
| 223 | [yo]c[fp] | [yo][fp][yoa] | 62 | 339 | 0.000154 | 0.000140 | 6 | 0 | 6 | 0.000154 |
| 224 | c \| c[s \| fptk] + e4dy | [yo]e4 \| c + [fp] | 1395 | 84 | 0.000154 | 0.000077 | 6 | 0 | 6 | 0.000154 |
| 225 | yodai0-4[lrm \| n] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 832 | 54 | 0.000154 | 0.000124 | 6 | 0 | 6 | 0.000154 |
| 226 | opc + e0-4 + y \| dy \| o[dlrs]y | [dlrsmg] + c \| c[s \| fptk] + e4dy | 302 | 327 | 0.000154 | 0.000089 | 6 | 0 | 6 | 0.000154 |
| 227 | olai0-4n | ol[dtk] | 126 | 842 | 0.000154 | 0.000084 | 6 | 0 | 6 | 0.000154 |
| 228 | Detached Class Modifiers | y[fptk]-initial | 95 | 1295 | 0.000154 | 0.000073 | 6 | 0 | 6 | 0.000154 |
| 229 | ola | [yo][fptk]e4ol | 228 | 322 | 0.000154 | 0.000106 | 6 | 0 | 6 | 0.000154 |
| 230 | ola | [yo][fptk]e4o[lr] | 228 | 449 | 0.000154 | 0.000087 | 6 | 0 | 6 | 0.000154 |
| 231 | ce4a | [yo]te4o[lr] | 1009 | 130 | 0.000154 | 0.000068 | 6 | 0 | 6 | 0.000154 |
| 232 | o[fptk]ce4[lrsmg] | y-initial | 57 | 1926 | 0.000154 | 0.000082 | 6 | 0 | 6 | 0.000154 |
| 233 | dai4n | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 1140 | 158 | 0.000154 | 0.000035 | 6 | 0 | 6 | 0.000154 |
| 234 | cean nouns | o[tk]e0-4y | 43 | 2042 | 0.000154 | 0.000096 | 6 | 0 | 6 | 0.000154 |
| 235 | ce4o | ai4[dlrsmg] | 160 | 930 | 0.000154 | 0.000056 | 6 | 0 | 6 | 0.000154 |
| 236 | ce4o | ai4[lr] | 160 | 782 | 0.000154 | 0.000072 | 6 | 0 | 6 | 0.000154 |
| 237 | cte4y | a-axis of [yo][fptk][ao][lr] | 186 | 1731 | 0.000154 | -0.000058 | 6 | 0 | 6 | 0.000154 |
| 238 | kc-initial | opc + e0-4 + y \| dy \| o[dlrs]y | 322 | 302 | 0.000154 | 0.000090 | 6 | 0 | 6 | 0.000154 |
| 239 | cse4dy | olcey relative | 585 | 277 | 0.000154 | 0.000047 | 6 | 0 | 6 | 0.000154 |
| 240 | cse4dy | ce4y | 585 | 737 | 0.000154 | -0.000130 | 6 | 0 | 6 | 0.000154 |
| 241 | ai4r | o[fptk \| dlrsmg][ao]m | 483 | 280 | 0.000154 | 0.000065 | 6 | 0 | 6 | 0.000154 |
| 242 | otce0-4y | [tk]e4o | 281 | 206 | 0.000154 | 0.000116 | 6 | 0 | 6 | 0.000154 |
| 243 | otce0-4y | oe0-4s | 281 | 632 | 0.000154 | 0.000037 | 6 | 0 | 6 | 0.000154 |
| 244 | ai4[dlrsmg] | oc[s \| fptk]e4y | 930 | 319 | 0.000154 | -0.000042 | 6 | 0 | 6 | 0.000154 |
| 245 | ol[yo] | otal variants | 388 | 333 | 0.000154 | 0.000069 | 6 | 0 | 6 | 0.000154 |
| 246 | ai4[lr] | g | 782 | 132 | 0.000154 | 0.000086 | 6 | 0 | 6 | 0.000154 |
| 247 | oi | c[s \| fptk]e4dy | 304 | 622 | 0.000154 | 0.000029 | 6 | 0 | 6 | 0.000154 |
| 248 | [yo]d[ao]i0-4n | ceal variants | 450 | 269 | 0.000154 | 0.000074 | 6 | 0 | 6 | 0.000154 |
| 249 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | cean variants | 519 | 255 | 0.000154 | 0.000067 | 6 | 0 | 6 | 0.000154 |
| 250 | cear verbs | om | 303 | 203 | 0.000154 | 0.000114 | 6 | 0 | 6 | 0.000154 |
| 251 | ce4dy | l[drs] Prefixes | 755 | 95 | 0.000154 | 0.000107 | 6 | 0 | 6 | 0.000154 |
| 252 | [yo][fptk]e4od + y | [yo]ke4o | 284 | 89 | 0.000154 | 0.000137 | 6 | 0 | 6 | 0.000154 |
| 253 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | ece polygraph | 503 | 219 | 0.000154 | 0.000081 | 6 | 0 | 6 | 0.000154 |
| 254 | pc-initial | olk | 307 | 557 | 0.000154 | 0.000041 | 6 | 0 | 6 | 0.000154 |
| 255 | [yo]cse4y | c[fptk]e4o-initial & c[fptk]e4y Superclass | 57 | 1659 | 0.000154 | 0.000092 | 6 | 0 | 6 | 0.000154 |
| 256 | pc-initial | dai4n | 307 | 1140 | 0.000154 | -0.000077 | 6 | 0 | 6 | 0.000154 |
| 257 | cear variants | om | 365 | 203 | 0.000154 | 0.000105 | 6 | 0 | 6 | 0.000154 |
| 258 | pc-initial | oe0-4[fp]oe0-4[lr] | 307 | 71 | 0.000154 | 0.000140 | 6 | 0 | 6 | 0.000154 |
| 259 | o[lr]y | tc-initial | 318 | 345 | 0.000154 | 0.000082 | 6 | 0 | 6 | 0.000154 |
| 260 | y-initial | oce4y | 1926 | 60 | 0.000154 | 0.000078 | 6 | 0 | 6 | 0.000154 |
| 261 | c[s \| fptk]e4dy | ce4y | 622 | 737 | 0.000154 | -0.000148 | 6 | 0 | 6 | 0.000154 |
| 262 | ai4n | oke4dy | 589 | 933 | 0.000154 | -0.000209 | 6 | 0 | 6 | 0.000154 |
| 263 | ai4n | om | 589 | 203 | 0.000154 | 0.000075 | 6 | 0 | 6 | 0.000154 |
| 264 | ai4n | otce0-4dy | 589 | 172 | 0.000154 | 0.000087 | 6 | 0 | 6 | 0.000154 |
| 265 | ai4n | oce4y + infixed versions | 589 | 379 | 0.000154 | 0.000007 | 6 | 0 | 6 | 0.000154 |
| 266 | ai4n | [yo]c[fptk]e4y | 589 | 294 | 0.000154 | 0.000040 | 6 | 0 | 6 | 0.000154 |
| 267 | cedaiin variants | ceckey relatives | 189 | 377 | 0.000154 | 0.000107 | 6 | 0 | 6 | 0.000154 |
| 268 | oe | okce0-4y | 463 | 338 | 0.000154 | 0.000051 | 6 | 0 | 6 | 0.000154 |
| 269 | oo | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 62 | 733 | 0.000154 | 0.000124 | 6 | 0 | 6 | 0.000154 |
| 270 | yc + e4o | [dlrsmg \| fptk] + ai4n | 38 | 1724 | 0.000154 | 0.000111 | 6 | 0 | 6 | 0.000154 |
| 271 | [dlrsmg] + ai4[lr] + y-suffix | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 1035 | 158 | 0.000154 | 0.000046 | 6 | 0 | 6 | 0.000154 |
| 272 | o[fptk]c + e0-4y | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 753 | 186 | 0.000154 | 0.000062 | 6 | 0 | 6 | 0.000154 |
| 273 | opce0-4dy | dai4n | 159 | 1140 | 0.000154 | 0.000035 | 6 | 0 | 6 | 0.000154 |
| 274 | [yo][fptk]e4ol | oi4[dlrsmg \| n] | 322 | 1124 | 0.000154 | -0.000085 | 6 | 0 | 6 | 0.000154 |
| 275 | rai4n | cse4y | 115 | 578 | 0.000154 | 0.000110 | 6 | 0 | 6 | 0.000154 |
| 276 | ote0-4y | l-prefix + [fptk]e0-4y | 731 | 80 | 0.000154 | 0.000116 | 6 | 0 | 6 | 0.000154 |
| 277 | cte4[yo] | [yo]te4o[dlrsmg] | 406 | 341 | 0.000154 | 0.000063 | 6 | 0 | 6 | 0.000154 |
| 278 | c[fptk]e4y | okol variants | 310 | 285 | 0.000154 | 0.000096 | 6 | 0 | 6 | 0.000154 |
| 279 | otor variants | ai4[dlrsmg] | 113 | 930 | 0.000154 | 0.000085 | 6 | 0 | 6 | 0.000154 |
| 280 | c \| c[fptk] + e4o | lc-initial | 228 | 457 | 0.000154 | 0.000085 | 6 | 0 | 6 | 0.000154 |
| 281 | yodai0-4n | ceal variants | 448 | 269 | 0.000154 | 0.000075 | 6 | 0 | 6 | 0.000154 |
| 282 | [yo]d[ao]i0-4[lrm \| n] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 880 | 54 | 0.000154 | 0.000123 | 6 | 0 | 6 | 0.000154 |
| 283 | om | oa | 203 | 321 | 0.000154 | 0.000111 | 6 | 0 | 6 | 0.000154 |
| 284 | c \| c[s \| fptk] + e4dy | a[lr][fptk] | 1395 | 83 | 0.000154 | 0.000078 | 6 | 0 | 6 | 0.000154 |
| 285 | cectey relatives | cte4[yo] | 197 | 406 | 0.000154 | 0.000101 | 6 | 0 | 6 | 0.000154 |
| 286 | o[lr]y | otce0-4y | 318 | 281 | 0.000154 | 0.000095 | 6 | 0 | 6 | 0.000154 |
| 287 | c \| c[fptk] + e4o | ai4l | 228 | 306 | 0.000154 | 0.000108 | 6 | 0 | 6 | 0.000154 |
| 288 | [dlrsmg] + c \| c[s \| fptk] + e4dy | do | 327 | 383 | 0.000154 | 0.000071 | 6 | 0 | 6 | 0.000154 |
| 289 | ek[yoa] | otce0-4y | 446 | 281 | 0.000154 | 0.000071 | 6 | 0 | 6 | 0.000154 |
| 290 | o[fptk]c + e0-4y | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 753 | 230 | 0.000154 | 0.000040 | 6 | 0 | 6 | 0.000154 |
| 291 | [dlrsmg]e0-4y | lc-initial | 453 | 457 | 0.000154 | 0.000018 | 6 | 0 | 6 | 0.000154 |
| 292 | [yo]e0-4[fp]e0-4[yo] | oi4[dlrsmg \| n] | 149 | 1124 | 0.000154 | 0.000044 | 6 | 0 | 6 | 0.000154 |
| 293 | [yo][fptk \| dlrsmg] + c \| cs + e4o | kc-initial | 113 | 322 | 0.000154 | 0.000130 | 6 | 0 | 6 | 0.000154 |
| 294 | o[lr][oa] | ce4o | 735 | 160 | 0.000154 | 0.000077 | 6 | 0 | 6 | 0.000154 |
| 295 | o[lr]a | ce4o | 469 | 160 | 0.000154 | 0.000105 | 6 | 0 | 6 | 0.000154 |
| 296 | [dlrsmg \| fptk] + ai4n | o[fptk] endings | 1724 | 79 | 0.000154 | 0.000064 | 6 | 0 | 6 | 0.000154 |
| 297 | do | [dlrsmg] + ai4r | 383 | 190 | 0.000154 | 0.000106 | 6 | 0 | 6 | 0.000154 |
| 298 | do | c \| cs + e0-4[dlrsmg] | 383 | 281 | 0.000154 | 0.000083 | 6 | 0 | 6 | 0.000154 |
| 299 | okal variants | c \| cs + e0-4d | 544 | 89 | 0.000154 | 0.000122 | 6 | 0 | 6 | 0.000154 |
| 300 | yodai0-4l | dai4n | 143 | 1140 | 0.000154 | 0.000047 | 6 | 0 | 6 | 0.000154 |
| 301 | o[fptk][ao]s | ai4[lr] | 66 | 782 | 0.000154 | 0.000120 | 6 | 0 | 6 | 0.000154 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 302 | qo variants | oke0-4y | 59 | 1314 | 0.000154 | 0.000103 | 6 | 0 | 6 | 0.000154 |
| 303 | o[fptk]ce4[lrsmg] | ai4[dlrsmg \| n] | 57 | 1519 | 0.000154 | 0.000097 | 6 | 0 | 6 | 0.000154 |
| 304 | qo variants | [q \| fptk \| dlrsmg] + oi0-4[lr] | 59 | 1819 | 0.000154 | 0.000083 | 6 | 0 | 6 | 0.000154 |
| 305 | rai4n | o[fptk]ai4n | 115 | 1598 | 0.000154 | 0.000033 | 6 | 0 | 6 | 0.000154 |
| 306 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | otce0-4dy | 2060 | 172 | 0.000154 | -0.000080 | 6 | 0 | 6 | 0.000154 |
| 307 | cedar variants | ce4y | 176 | 737 | 0.000154 | 0.000069 | 6 | 0 | 6 | 0.000154 |
| 308 | cte4[yo] | old | 406 | 225 | 0.000154 | 0.000094 | 6 | 0 | 6 | 0.000154 |
| 309 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | [tk]e4o | 809 | 206 | 0.000154 | 0.000044 | 6 | 0 | 6 | 0.000154 |
| 310 | ceal variants | [yo]c[s \| fptk]e4y | 269 | 353 | 0.000154 | 0.000091 | 6 | 0 | 6 | 0.000154 |
| 311 | ceal variants | [yo]ce4y + infixed versions | 269 | 466 | 0.000154 | 0.000071 | 6 | 0 | 6 | 0.000154 |
| 312 | ceal variants | cse4dy | 269 | 585 | 0.000154 | 0.000050 | 6 | 0 | 6 | 0.000154 |
| 313 | ceal variants | c[s \| fptk]e4dy | 269 | 622 | 0.000154 | 0.000044 | 6 | 0 | 6 | 0.000154 |
| 314 | l[drs] Prefixes | ai4[dlrsmg] | 95 | 930 | 0.000154 | 0.000096 | 6 | 0 | 6 | 0.000154 |
| 315 | [tk]e4o | oda | 206 | 847 | 0.000154 | 0.000039 | 6 | 0 | 6 | 0.000154 |
| 316 | [tk]e4o | yodai0-4[lrm \| n] | 206 | 832 | 0.000154 | 0.000041 | 6 | 0 | 6 | 0.000154 |
| 317 | [yo]te4o[dlrsmg] | do | 341 | 383 | 0.000154 | 0.000068 | 6 | 0 | 6 | 0.000154 |
| 318 | [tk]e4o | od[ao]i0-4[lrm \| n] | 206 | 813 | 0.000154 | 0.000044 | 6 | 0 | 6 | 0.000154 |
| 319 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | [yo][fptk]e4o | 2246 | 88 | 0.000154 | 0.000024 | 6 | 0 | 6 | 0.000154 |
| 320 | [tk]e4o | odai0-4[lrm \| n] | 206 | 767 | 0.000128 | 0.000024 | 5 | 0 | 5 | 0.000128 |
| 321 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | [yo]c + e4o Superclass | 222 | 345 | 0.000128 | 0.000078 | 5 | 0 | 5 | 0.000128 |
| 322 | ceal verbs | cse4dy | 230 | 585 | 0.000128 | 0.000040 | 5 | 0 | 5 | 0.000128 |
| 323 | ceal verbs | c[s \| fptk]e4dy | 230 | 622 | 0.000128 | 0.000034 | 5 | 0 | 5 | 0.000128 |
| 324 | dai4m | so | 130 | 378 | 0.000128 | 0.000096 | 5 | 0 | 5 | 0.000128 |
| 325 | o[fptk]edai4n | [q \| fptk \| dlrsmg] + oi0-4[lr] | 59 | 1819 | 0.000128 | 0.000058 | 5 | 0 | 5 | 0.000128 |
| 326 | opai0-4n | ai4[dlrsmg] | 26 | 930 | 0.000128 | 0.000112 | 5 | 0 | 5 | 0.000128 |
| 327 | opai0-4n | ai4[dlrsmg \| n] | 26 | 1519 | 0.000128 | 0.000102 | 5 | 0 | 5 | 0.000128 |
| 328 | [tk]e4o | ote4dy | 206 | 509 | 0.000128 | 0.000059 | 5 | 0 | 5 | 0.000128 |
| 329 | ceal variants | oc[fptk]e4y | 269 | 289 | 0.000128 | 0.000077 | 5 | 0 | 5 | 0.000128 |
| 330 | ceal variants | dc-initial | 269 | 454 | 0.000128 | 0.000048 | 5 | 0 | 5 | 0.000128 |
| 331 | o[fptk]edal | [q \| fptk \| dlrsmg] + oi0-4[lr] | 40 | 1819 | 0.000128 | 0.000080 | 5 | 0 | 5 | 0.000128 |
| 332 | oda | ckeo-initial | 847 | 79 | 0.000128 | 0.000084 | 5 | 0 | 5 | 0.000128 |
| 333 | cte4[yo] | o[lr]a | 406 | 469 | 0.000128 | 0.000003 | 5 | 0 | 5 | 0.000128 |
| 334 | oe4y | o[fptk]ai4n | 66 | 1598 | 0.000128 | 0.000059 | 5 | 0 | 5 | 0.000128 |
| 335 | okai0-4n | o[fptk]c + e0-4o | 994 | 101 | 0.000128 | 0.000062 | 5 | 0 | 5 | 0.000128 |
| 336 | o[fptk]ce4[lrsmg] | ai4[dlrsmg] | 57 | 930 | 0.000128 | 0.000093 | 5 | 0 | 5 | 0.000128 |
| 337 | o[fptk]ce4[lrsmg] | ai4[lr] | 57 | 782 | 0.000128 | 0.000099 | 5 | 0 | 5 | 0.000128 |
| 338 | c + e4dy | eko | 3053 | 38 | 0.000128 | 0.000052 | 5 | 0 | 5 | 0.000128 |
| 339 | otc + e4o | [q \| fptk \| dlrsmg] + oi0-4[lr] | 44 | 1819 | 0.000128 | 0.000076 | 5 | 0 | 5 | 0.000128 |
| 340 | oc[fptk]e4y | old | 289 | 225 | 0.000128 | 0.000086 | 5 | 0 | 5 | 0.000128 |
| 341 | oc[fptk]e4y | ote4dy | 289 | 509 | 0.000128 | 0.000031 | 5 | 0 | 5 | 0.000128 |
| 342 | ai0-4[dlrsmg][dlrsmg] | [yo]ce4y + s infixes | 214 | 172 | 0.000128 | 0.000104 | 5 | 0 | 5 | 0.000128 |
| 343 | opce0-4dy | [yo]e0-4[fp]e0-4[yo] | 159 | 149 | 0.000128 | 0.000113 | 5 | 0 | 5 | 0.000128 |
| 344 | oo + oe4o | [q \| fptk \| dlrsmg] + oi0-4[lr] | 133 | 1819 | 0.000128 | -0.000031 | 5 | 0 | 5 | 0.000128 |
| 345 | ce0-4s | ote0-4y | 165 | 731 | 0.000128 | 0.000049 | 5 | 0 | 5 | 0.000128 |
| 346 | ce0-4s | ce4a | 165 | 1009 | 0.000128 | 0.000019 | 5 | 0 | 5 | 0.000128 |
| 347 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | [yo]ke4ol | 623 | 223 | 0.000128 | 0.000037 | 5 | 0 | 5 | 0.000128 |
| 348 | [yo]ce4y + infixed versions | ote4dy | 466 | 509 | 0.000128 | -0.000028 | 5 | 0 | 5 | 0.000128 |
| 349 | c[s \| fptk]e4y | Consonant Clusters | 887 | 115 | 0.000128 | 0.000061 | 5 | 0 | 5 | 0.000128 |
| 350 | c[s \| fptk]e4y | opce0-4dy | 887 | 159 | 0.000128 | 0.000035 | 5 | 0 | 5 | 0.000128 |
| 351 | cean nouns | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 43 | 733 | 0.000128 | 0.000108 | 5 | 0 | 5 | 0.000128 |
| 352 | y + Non-[dlrs] Prefixes | [sr]c-Initial | 205 | 179 | 0.000128 | 0.000104 | 5 | 0 | 5 | 0.000128 |
| 353 | [fptk]ai4n | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 191 | 733 | 0.000128 | 0.000036 | 5 | 0 | 5 | 0.000128 |
| 354 | [fptk]ai4n | dai4n | 191 | 1140 | 0.000128 | -0.000015 | 5 | 0 | 5 | 0.000128 |
| 355 | dai4n | cedar variants | 1140 | 176 | 0.000128 | -0.000004 | 5 | 0 | 5 | 0.000128 |
| 356 | [yo]d[ao]i0-4[lrm \| n] | ckeo-initial | 880 | 79 | 0.000128 | 0.000083 | 5 | 0 | 5 | 0.000128 |
| 357 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | [dlrsmg] + ai4[lr] + y-suffix | 186 | 1035 | 0.000128 | 0.000001 | 5 | 0 | 5 | 0.000128 |
| 358 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | [dlrsmg \| fptk] + ai4n | 186 | 1724 | 0.000128 | -0.000083 | 5 | 0 | 5 | 0.000128 |
| 359 | lc-initial | oi4n Superset | 457 | 257 | 0.000128 | 0.000051 | 5 | 0 | 5 | 0.000128 |
| 360 | okal variants | Single-Letter Words | 544 | 566 | 0.000128 | -0.000075 | 5 | 0 | 5 | 0.000128 |
| 361 | oi4n Superset | cse4dy | 257 | 585 | 0.000128 | 0.000029 | 5 | 0 | 5 | 0.000128 |
| 362 | oi4n Superset | c[s \| fptk]e4dy | 257 | 622 | 0.000128 | 0.000023 | 5 | 0 | 5 | 0.000128 |
| 363 | [dlrsmg \| fptk] + ai4n | ytai0-4n | 1724 | 59 | 0.000128 | 0.000061 | 5 | 0 | 5 | 0.000128 |
| 364 | [dlrsmg \| fptk] + ai4n | o[fptk]e4os | 1724 | 106 | 0.000128 | 0.000008 | 5 | 0 | 5 | 0.000128 |
| 365 | [dlrsmg \| fptk] + ai4n | c \| cs + e0-4d | 1724 | 89 | 0.000128 | 0.000027 | 5 | 0 | 5 | 0.000128 |
| 366 | dai4n | o[tk]e4s | 1140 | 98 | 0.000128 | 0.000055 | 5 | 0 | 5 | 0.000128 |
| 367 | o[lr]a | [yo]ke4o | 469 | 89 | 0.000128 | 0.000101 | 5 | 0 | 5 | 0.000128 |
| 368 | [yo]ce4y + s infixes | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 172 | 1227 | 0.000128 | -0.000011 | 5 | 0 | 5 | 0.000128 |
| 369 | cse4y | oc[s \| fptk]e4y | 578 | 319 | 0.000128 | 0.000007 | 5 | 0 | 5 | 0.000128 |
| 370 | cse4y | oc[fptk]e4y | 578 | 289 | 0.000128 | 0.000018 | 5 | 0 | 5 | 0.000128 |
| 371 | ofce0-4y | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 23 | 3168 | 0.000128 | 0.000080 | 5 | 0 | 5 | 0.000128 |
| 372 | o[fptk]c + e0-4y | [dlrsmg] + ai4r | 753 | 190 | 0.000128 | 0.000034 | 5 | 0 | 5 | 0.000128 |
| 373 | dl Consonant clusters | ea | 79 | 1195 | 0.000128 | 0.000066 | 5 | 0 | 5 | 0.000128 |
| 374 | dl Consonant clusters | ce4a | 79 | 1009 | 0.000128 | 0.000076 | 5 | 0 | 5 | 0.000128 |
| 375 | or[yoa] | olo | 438 | 175 | 0.000128 | 0.000078 | 5 | 0 | 5 | 0.000128 |
| 376 | olai0-4n | ol[tk] | 126 | 621 | 0.000128 | 0.000077 | 5 | 0 | 5 | 0.000128 |
| 377 | [dlrsmg]e0-4y | oe | 453 | 463 | 0.000128 | -0.000010 | 5 | 0 | 5 | 0.000128 |
| 378 | ek[yoa] | cectey relatives | 446 | 197 | 0.000128 | 0.000070 | 5 | 0 | 5 | 0.000128 |
| 379 | oc[fpt]e4y | [yo]te4o[dlrsmg] | 132 | 341 | 0.000128 | 0.000099 | 5 | 0 | 5 | 0.000128 |
| 380 | o[fptk]c + e0-4o | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 101 | 230 | 0.000128 | 0.000113 | 5 | 0 | 5 | 0.000128 |
| 381 | o[tk]e0-4y | otor variants | 2042 | 113 | 0.000128 | -0.000024 | 5 | 0 | 5 | 0.000128 |
| 382 | [yo][fptk]e4o[dlrsmg] | [tk]e4dy | 924 | 309 | 0.000128 | -0.000060 | 5 | 0 | 5 | 0.000128 |
| 383 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | okc + e4o | 1421 | 49 | 0.000128 | 0.000082 | 5 | 0 | 5 | 0.000128 |
| 384 | oce4y + infixed versions | or[yoa] | 379 | 438 | 0.000128 | 0.000019 | 5 | 0 | 5 | 0.000128 |
| 385 | c \| c[fptk] + e4o | ece polygraph | 228 | 219 | 0.000128 | 0.000095 | 5 | 0 | 5 | 0.000128 |
| 386 | o[fptk]ai4n | o[fptk]c + e0-4o | 1598 | 101 | 0.000128 | 0.000022 | 5 | 0 | 5 | 0.000128 |
| 387 | om | otc + e0-4 + y \| dy \| o[dlrs]y | 203 | 493 | 0.000128 | 0.000062 | 5 | 0 | 5 | 0.000128 |
| 388 | yce4y + infixed versions | [yo]tai0-4n | 87 | 490 | 0.000128 | 0.000100 | 5 | 0 | 5 | 0.000128 |
| 389 | [yo][fp]o | oi4[dlrsmg \| n] | 95 | 1124 | 0.000128 | 0.000058 | 5 | 0 | 5 | 0.000128 |
| 390 | otce0-4dy | [dlrsmg]ai4[lr] | 172 | 875 | 0.000128 | 0.000029 | 5 | 0 | 5 | 0.000128 |
| 391 | o[fptk][ao]d | [yo][fptk]e4o[lr] | 185 | 449 | 0.000128 | 0.000074 | 5 | 0 | 5 | 0.000128 |
| 392 | cse4y | [yo]c[fptk]e4y | 578 | 294 | 0.000128 | 0.000016 | 5 | 0 | 5 | 0.000128 |
| 393 | [fptk]e0-4y | l[fptk] Prefixes | 161 | 514 | 0.000128 | 0.000074 | 5 | 0 | 5 | 0.000128 |
| 394 | [yo]ce4y + s infixes | [tk]e4o | 172 | 206 | 0.000128 | 0.000105 | 5 | 0 | 5 | 0.000128 |
| 395 | [yo][fptk]e4ol | ce4o | 322 | 160 | 0.000128 | 0.000094 | 5 | 0 | 5 | 0.000128 |
| 396 | [yo]tai0-4n | so | 490 | 378 | 0.000128 | 0.000006 | 5 | 0 | 5 | 0.000128 |
| 397 | yodai0-4n | ceal verbs | 448 | 230 | 0.000128 | 0.000060 | 5 | 0 | 5 | 0.000128 |
| 398 | odai0-4[lr] | o[fptk]c + e0-4ol | 326 | 159 | 0.000128 | 0.000094 | 5 | 0 | 5 | 0.000128 |
| 399 | o[fptk]e4dy | okam variants | 1444 | 76 | 0.000128 | 0.000056 | 5 | 0 | 5 | 0.000128 |
| 400 | odai0-4l | dai4n | 133 | 1140 | 0.000128 | 0.000028 | 5 | 0 | 5 | 0.000128 |
| 401 | e[tk]o | otol variants | 60 | 239 | 0.000128 | 0.000119 | 5 | 0 | 5 | 0.000128 |
| 402 | [yo]dy endings | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 1228 | 186 | 0.000128 | -0.000022 | 5 | 0 | 5 | 0.000128 |
| 403 | cse4y | qo variants | 578 | 59 | 0.000128 | 0.000106 | 5 | 0 | 5 | 0.000128 |
| 404 | cse4y | opce0-4dy | 578 | 159 | 0.000128 | 0.000068 | 5 | 0 | 5 | 0.000128 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 405 | c[s \| fptk]e4y | olo | 887 | 175 | 0.000128 | 0.000026 | 5 | 0 | 5 | 0.000128 |
| 406 | [yo]ke4o | lc-initial | 89 | 457 | 0.000128 | 0.000102 | 5 | 0 | 5 | 0.000128 |
| 407 | dc-initial | [yo]ke4od | 454 | 207 | 0.000128 | 0.000066 | 5 | 0 | 5 | 0.000128 |
| 408 | [yo]c[fptk]e4y | old | 294 | 225 | 0.000128 | 0.000085 | 5 | 0 | 5 | 0.000128 |
| 409 | [yo]c[fptk]e4y | ote4dy | 294 | 509 | 0.000128 | 0.000030 | 5 | 0 | 5 | 0.000128 |
| 410 | c[fptk]e4y | [yo]ke4o[lr] | 310 | 319 | 0.000128 | 0.000063 | 5 | 0 | 5 | 0.000128 |
| 411 | [yo][fp][yoa] | ai4l | 339 | 306 | 0.000128 | 0.000060 | 5 | 0 | 5 | 0.000128 |
| 412 | [yo][fp][yoa] | ce4y | 339 | 737 | 0.000128 | -0.000036 | 5 | 0 | 5 | 0.000128 |
| 413 | o[fptk]ai4n | [yo][fptk\| dlrsmg] + c \| cs + e4o | 1598 | 113 | 0.000128 | 0.000009 | 5 | 0 | 5 | 0.000128 |
| 414 | od[ao]i0-4[lr] | o[fptk]c + e0-4ol | 369 | 159 | 0.000128 | 0.000090 | 5 | 0 | 5 | 0.000128 |
| 415 | yce4y + infixed versions | otai0-4n | 87 | 430 | 0.000128 | 0.000104 | 5 | 0 | 5 | 0.000128 |
| 416 | oy | [tk]e4o | 141 | 206 | 0.000128 | 0.000109 | 5 | 0 | 5 | 0.000128 |
| 417 | o[fptk]c + e0-4y | cectey relatives | 753 | 197 | 0.000128 | 0.000031 | 5 | 0 | 5 | 0.000128 |
| 418 | o[fptk]c + e0-4y | okc + e4o | 753 | 49 | 0.000128 | 0.000104 | 5 | 0 | 5 | 0.000128 |
| 419 | opai0-4n | ai4[dlrsmg] | 29 | 930 | 0.000128 | 0.000111 | 5 | 0 | 5 | 0.000128 |
| 420 | opai0-4n | ai4[dlrsmg \| n] | 29 | 1519 | 0.000128 | 0.000099 | 5 | 0 | 5 | 0.000128 |
| 421 | oc[s \| fptk]e4y | ote4dy | 319 | 509 | 0.000128 | 0.000021 | 5 | 0 | 5 | 0.000128 |
| 422 | [dlrsmg \| fptk]e0-4y | ai0-4[dlrsmg][dlrsmg] | 735 | 214 | 0.000128 | 0.000025 | 5 | 0 | 5 | 0.000128 |
| 423 | [dlrsmg \| fptk]e0-4y | rai4n | 735 | 115 | 0.000128 | 0.000073 | 5 | 0 | 5 | 0.000128 |
| 424 | [yo]d[ao]i0-4[lr] | o[fptk]c + e0-4ol | 393 | 159 | 0.000128 | 0.000087 | 5 | 0 | 5 | 0.000128 |
| 425 | e-initial | ai4n | 68 | 589 | 0.000128 | 0.000102 | 5 | 0 | 5 | 0.000128 |
| 426 | rc-initial | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 76 | 733 | 0.000128 | 0.000092 | 5 | 0 | 5 | 0.000128 |
| 427 | [dlrsmg]ai4[lr] | cse4o | 875 | 205 | 0.000128 | 0.000010 | 5 | 0 | 5 | 0.000128 |
| 428 | [dlrsmg]ai4[lr] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 875 | 158 | 0.000128 | 0.000037 | 5 | 0 | 5 | 0.000128 |
| 429 | oc[fptk]e4y | or[yoa] | 289 | 438 | 0.000128 | 0.000045 | 5 | 0 | 5 | 0.000128 |
| 430 | oly | so | 222 | 378 | 0.000128 | 0.000073 | 5 | 0 | 5 | 0.000128 |
| 431 | oc[fpt]e4y | ote4dy | 132 | 509 | 0.000128 | 0.000084 | 5 | 0 | 5 | 0.000128 |
| 432 | oly | otc + e0-4 + y \| dy \| o[dlrs]y | 222 | 493 | 0.000128 | 0.000056 | 5 | 0 | 5 | 0.000128 |
| 433 | [yo][fptk]e4od | okc + e0-4 + y \| dy \| o[dlrs]y | 355 | 563 | 0.000128 | -0.000003 | 5 | 0 | 5 | 0.000128 |
| 434 | [yo]ke4o[lr] | ce4o | 319 | 160 | 0.000128 | 0.000095 | 5 | 0 | 5 | 0.000128 |
| 435 | oe | oe4y | 463 | 66 | 0.000128 | 0.000108 | 5 | 0 | 5 | 0.000128 |
| 436 | ai4l | y + Non-[dlrs] Prefixes | 306 | 205 | 0.000128 | 0.000087 | 5 | 0 | 5 | 0.000128 |
| 437 | ai4l | ek[yoa] | 306 | 446 | 0.000128 | 0.000038 | 5 | 0 | 5 | 0.000128 |
| 438 | [fptk] + c \| c[s \| fptk] + e4dy | okar variants | 196 | 493 | 0.000128 | 0.000065 | 5 | 0 | 5 | 0.000128 |
| 439 | [yo][fptk]e4od | okce0-4y | 355 | 338 | 0.000128 | 0.000049 | 5 | 0 | 5 | 0.000128 |
| 440 | ai4n | oly | 589 | 222 | 0.000128 | 0.000042 | 5 | 0 | 5 | 0.000128 |
| 441 | ko | oe0-4s | 179 | 632 | 0.000128 | 0.000054 | 5 | 0 | 5 | 0.000128 |
| 442 | cear variants | ek[yo] | 365 | 255 | 0.000128 | 0.000067 | 5 | 0 | 5 | 0.000128 |
| 443 | [yo]d[ao]i0-4l | ote0-4y | 165 | 731 | 0.000128 | 0.000049 | 5 | 0 | 5 | 0.000128 |
| 444 | dairol/soral relatives | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 190 | 1227 | 0.000128 | -0.000025 | 5 | 0 | 5 | 0.000128 |
| 445 | pc-initial | o[fptk]c + e0-4or | 307 | 135 | 0.000128 | 0.000101 | 5 | 0 | 5 | 0.000128 |
| 446 | pc-initial | [yo]tai0-4n | 307 | 490 | 0.000128 | 0.000029 | 5 | 0 | 5 | 0.000128 |
| 447 | ai4n | cedaiin variants | 589 | 189 | 0.000128 | 0.000055 | 5 | 0 | 5 | 0.000128 |
| 448 | [fp]c-Initial | ofc + e0-4 + y \| dy \| o[dlrs]y | 387 | 65 | 0.000128 | 0.000112 | 5 | 0 | 5 | 0.000128 |
| 449 | otc + e0-4 + y \| dy \| o[dlrs]y | o[fptk]c + e0-4ol | 493 | 159 | 0.000128 | 0.000077 | 5 | 0 | 5 | 0.000128 |
| 450 | [yo]c[s \| fptk]e4y | ote4dy | 353 | 509 | 0.000128 | 0.000010 | 5 | 0 | 5 | 0.000128 |
| 451 | okce0-4y | ko | 338 | 179 | 0.000128 | 0.000089 | 5 | 0 | 5 | 0.000128 |
| 452 | [fp]c-Initial | ek[yoa] | 387 | 446 | 0.000128 | 0.000015 | 5 | 0 | 5 | 0.000128 |
| 453 | ke4o | [dlrsmg \| fptk] + ai4[dlrsmg] | 137 | 1444 | 0.000128 | -0.000002 | 5 | 0 | 5 | 0.000128 |
| 454 | ke4o | dai4n | 137 | 1140 | 0.000128 | 0.000025 | 5 | 0 | 5 | 0.000128 |
| 455 | o[fptk]e4dy | o[fptk]edal | 1444 | 40 | 0.000128 | 0.000090 | 5 | 0 | 5 | 0.000128 |
| 456 | oe4y | ke4o | 66 | 137 | 0.000128 | 0.000122 | 5 | 0 | 5 | 0.000128 |
| 457 | c[fptk]e4o-initial & c[fptk]e4y Superclass | ol + c \| cs + e4o[lr] | 1659 | 34 | 0.000128 | 0.000091 | 5 | 0 | 5 | 0.000128 |
| 458 | cear verbs | ek[yo] | 303 | 255 | 0.000128 | 0.000077 | 5 | 0 | 5 | 0.000128 |
| 459 | [yo]te4o | [dlrsmg \| fptk] + ai4n | 49 | 1724 | 0.000128 | 0.000073 | 5 | 0 | 5 | 0.000128 |
| 460 | oc[s \| fptk]e4y | or[yoa] | 319 | 438 | 0.000128 | 0.000036 | 5 | 0 | 5 | 0.000128 |
| 461 | te4o | o[fptk]e4dy | 75 | 1444 | 0.000128 | 0.000057 | 5 | 0 | 5 | 0.000128 |
| 462 | oi4[dlrsmg \| n] | oy | 1124 | 141 | 0.000128 | 0.000024 | 5 | 0 | 5 | 0.000128 |
| 463 | cear nouns | ai4[dlrsmg \| n] | 62 | 1519 | 0.000128 | 0.000066 | 5 | 0 | 5 | 0.000128 |
| 464 | [yo]d[ao]i0-4n | ceal verbs | 450 | 230 | 0.000128 | 0.000060 | 5 | 0 | 5 | 0.000128 |
| 465 | otal variants | oe0-4s | 333 | 632 | 0.000128 | -0.000010 | 5 | 0 | 5 | 0.000128 |
| 466 | otal variants | do | 333 | 383 | 0.000128 | 0.000044 | 5 | 0 | 5 | 0.000128 |
| 467 | oi | cse4dy | 304 | 585 | 0.000128 | 0.000011 | 5 | 0 | 5 | 0.000128 |
| 468 | om + o[fptk \| dlrsmg]am | yc + e4o | 454 | 38 | 0.000128 | 0.000117 | 5 | 0 | 5 | 0.000128 |
| 469 | cedai4[lrsm \| n] | [yo]d[ao]i0-4l | 527 | 165 | 0.000128 | 0.000071 | 5 | 0 | 5 | 0.000128 |
| 470 | cedai4[lrsm \| n] | od[ao]i0-4l | 527 | 154 | 0.000128 | 0.000075 | 5 | 0 | 5 | 0.000128 |
| 471 | Single-Letter Words | otar variants | 566 | 345 | 0.000128 | 0.000000 | 5 | 0 | 5 | 0.000128 |
| 472 | ai4[dlrsmg] | [yo]c[fptk]e4y | 930 | 294 | 0.000128 | -0.000052 | 5 | 0 | 5 | 0.000128 |
| 473 | ai4[dlrsmg] | yce4y + infixed versions | 930 | 87 | 0.000128 | 0.000075 | 5 | 0 | 5 | 0.000128 |
| 474 | a[lr][fptk] | [dlrsmg \| fptk] + ai4[dlrsmg] | 83 | 1444 | 0.000128 | 0.000049 | 5 | 0 | 5 | 0.000128 |
| 475 | ceal verbs | ceam variants | 230 | 76 | 0.000128 | 0.000117 | 5 | 0 | 5 | 0.000128 |
| 476 | ceal verbs | ceam verbs | 230 | 61 | 0.000128 | 0.000119 | 5 | 0 | 5 | 0.000128 |
| 477 | cte4y | ol[ds] | 186 | 315 | 0.000128 | 0.000090 | 5 | 0 | 5 | 0.000128 |
| 478 | [yo]c[fp] | y-initial | 62 | 1926 | 0.000128 | 0.000050 | 5 | 0 | 5 | 0.000128 |
| 479 | [yo]c[fp] | y[fptk]-initial | 62 | 1295 | 0.000128 | 0.000075 | 5 | 0 | 5 | 0.000128 |
| 480 | yce4y + s infixes | [yo]tai0-4n | 82 | 490 | 0.000128 | 0.000102 | 5 | 0 | 5 | 0.000128 |
| 481 | yce4y + s infixes | otai0-4n | 82 | 430 | 0.000128 | 0.000105 | 5 | 0 | 5 | 0.000128 |
| 482 | ai4r | et[yo] | 483 | 115 | 0.000128 | 0.000092 | 5 | 0 | 5 | 0.000128 |
| 483 | ece polygraph | ai4r | 219 | 483 | 0.000128 | 0.000059 | 5 | 0 | 5 | 0.000128 |
| 484 | okc + e0-4 + y \| dy \| o[dlrs]y | ko | 563 | 179 | 0.000128 | 0.000062 | 5 | 0 | 5 | 0.000128 |
| 485 | od endings | yodai0-4n | 243 | 448 | 0.000128 | 0.000057 | 5 | 0 | 5 | 0.000128 |
| 486 | od endings | odai0-4n | 243 | 408 | 0.000128 | 0.000063 | 5 | 0 | 5 | 0.000128 |
| 487 | od endings | [yo]d[ao]i0-4n | 243 | 450 | 0.000128 | 0.000056 | 5 | 0 | 5 | 0.000128 |
| 488 | od endings | o[fptk]c + e4ody | 243 | 75 | 0.000128 | 0.000116 | 5 | 0 | 5 | 0.000128 |
| 489 | od endings | od[ao]i0-4n | 243 | 410 | 0.000128 | 0.000063 | 5 | 0 | 5 | 0.000128 |
| 490 | ce4y | old | 737 | 225 | 0.000128 | 0.000019 | 5 | 0 | 5 | 0.000128 |
| 491 | cte4y | [yo][fptk]e4o[lr] | 186 | 449 | 0.000128 | 0.000073 | 5 | 0 | 5 | 0.000128 |
| 492 | yodai0-4[lr] | o[fptk]c + e0-4ol | 348 | 159 | 0.000128 | 0.000092 | 5 | 0 | 5 | 0.000128 |
| 493 | c[fptk]c polygraph | ote0-4y | 99 | 731 | 0.000128 | 0.000081 | 5 | 0 | 5 | 0.000128 |
| 494 | cean verbs | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 213 | 623 | 0.000128 | 0.000041 | 5 | 0 | 5 | 0.000128 |
| 495 | Single-Letter Words | dcedy relatives | 566 | 85 | 0.000128 | 0.000097 | 5 | 0 | 5 | 0.000128 |
| 496 | [yo]kai0-4n | o[fptk]c + e0-4o | 1067 | 101 | 0.000128 | 0.000057 | 5 | 0 | 5 | 0.000128 |
| 497 | otar variants | otam variants | 345 | 88 | 0.000128 | 0.000108 | 5 | 0 | 5 | 0.000128 |
| 498 | otar variants | od endings + odcey relatives | 345 | 275 | 0.000128 | 0.000066 | 5 | 0 | 5 | 0.000128 |
| 499 | [fptk][yo]lc | o[tk]e0-4y | 53 | 2042 | 0.000128 | 0.000057 | 5 | 0 | 5 | 0.000128 |
| 500 | [fptk][yo]lc | oke4dy | 53 | 933 | 0.000128 | 0.000096 | 5 | 0 | 5 | 0.000128 |
| 501 | cteo-initial | cse4y | 220 | 578 | 0.000128 | 0.000045 | 5 | 0 | 5 | 0.000128 |
| 502 | [fptk]ai4n | [yo]tai0-4n | 191 | 490 | 0.000128 | 0.000067 | 5 | 0 | 5 | 0.000128 |
| 503 | [fptk]ai4n | [dlrsmg \| fptk] + ai4n | 191 | 1724 | 0.000128 | -0.000089 | 5 | 0 | 5 | 0.000128 |
| 504 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | otce0-4dy | 445 | 172 | 0.000128 | 0.000078 | 5 | 0 | 5 | 0.000128 |
| 505 | ce4a | o[fptk][ao]d | 1009 | 185 | 0.000128 | 0.000005 | 5 | 0 | 5 | 0.000128 |
| 506 | [yo]te4os | a[lr][ao][lr] | 60 | 391 | 0.000128 | 0.000113 | 5 | 0 | 5 | 0.000128 |
| 507 | [yo]te4os | [ao][lr][ao][lr] Pipe/Flow | 60 | 843 | 0.000128 | 0.000095 | 5 | 0 | 5 | 0.000128 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 508 | [yo]po | oi4[dlrsmg \| n] | 70 | 1124 | 0.000128 | 0.000077 | 5 | 0 | 5 | 0.000128 |
| 509 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | oo + oe4o | 445 | 133 | 0.000128 | 0.000089 | 5 | 0 | 5 | 0.000128 |
| 510 | lc-initial | oi | 457 | 304 | 0.000128 | 0.000037 | 5 | 0 | 5 | 0.000128 |
| 511 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ory | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 28 | 1421 | 0.000128 | 0.000102 | 5 | 0 | 5 | 0.000128 |
| 512 | [yo][fp]ai0-4[rn] | o[lr][yoa] | 111 | 1044 | 0.000128 | 0.000052 | 5 | 0 | 5 | 0.000128 |
| 513 | oi4n Superset | ek[yo] | 257 | 255 | 0.000128 | 0.000085 | 5 | 0 | 5 | 0.000128 |
| 514 | oi4n Superset | eky | 257 | 217 | 0.000128 | 0.000092 | 5 | 0 | 5 | 0.000128 |
| 515 | olai0-4n | [yo][fptk]e4ol | 126 | 322 | 0.000128 | 0.000102 | 5 | 0 | 5 | 0.000128 |
| 516 | olai0-4n | [yo][fptk]e4o[lr] | 126 | 449 | 0.000128 | 0.000091 | 5 | 0 | 5 | 0.000128 |
| 517 | ece Noun | [dlrsmg] + ai4[lr] + y-suffix | 142 | 1035 | 0.000128 | 0.000031 | 5 | 0 | 5 | 0.000128 |
| 518 | ece Noun | [dlrsmg]ai4[lr] | 142 | 875 | 0.000128 | 0.000046 | 5 | 0 | 5 | 0.000128 |
| 519 | od[ao]i0-4l | ote0-4y | 154 | 731 | 0.000128 | 0.000054 | 5 | 0 | 5 | 0.000128 |
| 520 | cte4y | old | 186 | 225 | 0.000128 | 0.000101 | 5 | 0 | 5 | 0.000128 |
| 521 | oi | ek[yo] | 304 | 255 | 0.000128 | 0.000077 | 5 | 0 | 5 | 0.000128 |
| 522 | oi | eky | 304 | 217 | 0.000128 | 0.000085 | 5 | 0 | 5 | 0.000128 |
| 523 | cedai4[lrsm \| n] | oc[fpt]e4y | 527 | 132 | 0.000128 | 0.000083 | 5 | 0 | 5 | 0.000128 |
| 524 | oce4y + infixed versions | ote4dy | 379 | 509 | 0.000128 | 0.000001 | 5 | 0 | 5 | 0.000128 |
| 525 | oce4y + infixed versions | opc + e0-4 + y \| dy \| o[dlrs]y | 379 | 302 | 0.000128 | 0.000053 | 5 | 0 | 5 | 0.000128 |
| 526 | o-axis of [yo][fptk][ao][lr] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 764 | 158 | 0.000128 | 0.000049 | 5 | 0 | 5 | 0.000128 |
| 527 | [yo]ce4y + infixed versions | opce0-4y | 466 | 111 | 0.000128 | 0.000094 | 5 | 0 | 5 | 0.000128 |
| 528 | ol[yoa] | c \| c[fptk] + e4o | 614 | 228 | 0.000128 | 0.000036 | 5 | 0 | 5 | 0.000128 |
| 529 | [fptk]e0-4y | a-axis of [yo][fptk][ao][lr] | 161 | 1731 | 0.000128 | -0.000055 | 5 | 0 | 5 | 0.000128 |
| 530 | ol[oa] | [yo][fptk]e4o | 401 | 88 | 0.000128 | 0.000105 | 5 | 0 | 5 | 0.000128 |
| 531 | ai4[dlrsmg \| n] | c[fptk]c polygraph | 1519 | 99 | 0.000128 | 0.000029 | 5 | 0 | 5 | 0.000128 |
| 532 | ai4[dlrsmg \| n] | o[fptk]ody | 1519 | 85 | 0.000128 | 0.000043 | 5 | 0 | 5 | 0.000128 |
| 533 | ai4[dlrsmg \| n] | ady | 1519 | 36 | 0.000128 | 0.000092 | 5 | 0 | 5 | 0.000128 |
| 534 | ai4[lr] | et[yo] | 782 | 115 | 0.000128 | 0.000069 | 5 | 0 | 5 | 0.000128 |
| 535 | ai4[lr] | o[dlrs]ce4y Superset | 782 | 196 | 0.000128 | 0.000027 | 5 | 0 | 5 | 0.000128 |
| 536 | ai4[lr] | olcey relatives (non-edy) | 782 | 138 | 0.000128 | 0.000057 | 5 | 0 | 5 | 0.000128 |
| 537 | ai4[dlrsmg \| n] | olcey relatives (non-edy) | 1519 | 138 | 0.000128 | -0.000010 | 5 | 0 | 5 | 0.000128 |
| 538 | om + o[fptk \| dlrsmg]am | yce4y + s infixes | 454 | 82 | 0.000128 | 0.000104 | 5 | 0 | 5 | 0.000128 |
| 539 | [dlrsmg]e0-4y | olcey relative | 453 | 277 | 0.000128 | 0.000046 | 5 | 0 | 5 | 0.000128 |
| 540 | ke4dy | dai4n | 217 | 1140 | 0.000128 | -0.000035 | 5 | 0 | 5 | 0.000128 |
| 541 | c \| cs + e0-4l | [dlrsmg \| fptk]e0-4y | 64 | 735 | 0.000128 | 0.000097 | 5 | 0 | 5 | 0.000128 |
| 542 | o[fptk][ao]s | oe0-4s | 66 | 632 | 0.000128 | 0.000101 | 5 | 0 | 5 | 0.000128 |
| 543 | otai0-4n | so | 430 | 378 | 0.000128 | 0.000021 | 5 | 0 | 5 | 0.000128 |
| 544 | dai4n | o[fptk] endings | 1140 | 79 | 0.000128 | 0.000069 | 5 | 0 | 5 | 0.000128 |
| 545 | ce4a | [yo]te4ol | 1009 | 99 | 0.000128 | 0.000063 | 5 | 0 | 5 | 0.000128 |
| 546 | osa | o[lr][yoa] | 66 | 1044 | 0.000128 | 0.000083 | 5 | 0 | 5 | 0.000128 |
| 547 | otai0-4n | o[fptk]c + e0-4ol | 430 | 159 | 0.000128 | 0.000083 | 5 | 0 | 5 | 0.000128 |
| 548 | ek[yo] | otol variants | 255 | 239 | 0.000128 | 0.000088 | 5 | 0 | 5 | 0.000128 |
| 549 | o[fptk][dlrsmg] | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 68 | 809 | 0.000128 | 0.000092 | 5 | 0 | 5 | 0.000128 |
| 550 | o[fptk \| dlrsmg][ao]m | oa | 280 | 321 | 0.000128 | 0.000069 | 5 | 0 | 5 | 0.000128 |
| 551 | oy + oe4y | [fptk]e0-4y | 207 | 161 | 0.000128 | 0.000106 | 5 | 0 | 5 | 0.000128 |
| 552 | ek[yo] | o[lr]y | 255 | 318 | 0.000128 | 0.000075 | 5 | 0 | 5 | 0.000128 |
| 553 | ai0-4[dlrsmg][dlrsmg] | [tk]c-Initial | 214 | 667 | 0.000128 | 0.000034 | 5 | 0 | 5 | 0.000128 |
| 554 | ai4[lr] | olcey relative | 782 | 277 | 0.000128 | -0.000015 | 5 | 0 | 5 | 0.000128 |
| 555 | odo | ea | 57 | 1195 | 0.000128 | 0.000083 | 5 | 0 | 5 | 0.000128 |
| 556 | [yo]doi0-4[lrm \| n] | ea | 48 | 1195 | 0.000128 | 0.000091 | 5 | 0 | 5 | 0.000128 |
| 557 | ai4[dlrsmg \| n] | yc + e4o | 1519 | 38 | 0.000128 | 0.000090 | 5 | 0 | 5 | 0.000128 |
| 558 | ai4[dlrsmg \| n] | yodai0-4l | 1519 | 143 | 0.000128 | -0.000015 | 5 | 0 | 5 | 0.000128 |
| 559 | ai4[dlrsmg \| n] | otce0-4y | 1519 | 281 | 0.000128 | -0.000153 | 5 | 0 | 5 | 0.000128 |
| 560 | ai4[dlrsmg \| n] | [yo]d[ao]i0-4l | 1519 | 165 | 0.000128 | -0.000037 | 5 | 0 | 5 | 0.000128 |
| 561 | ai4[lr] | oc[s \| fptk]e4y | 782 | 319 | 0.000128 | -0.000036 | 5 | 0 | 5 | 0.000128 |
| 562 | ceal variants | ocke4y | 269 | 162 | 0.000128 | 0.000100 | 5 | 0 | 5 | 0.000128 |
| 563 | ceal variants | ceam variants | 269 | 76 | 0.000128 | 0.000115 | 5 | 0 | 5 | 0.000128 |
| 564 | ceal variants | ceam verbs | 269 | 61 | 0.000128 | 0.000118 | 5 | 0 | 5 | 0.000128 |
| 565 | l[drs] Prefixes | ai4[lr] | 95 | 782 | 0.000128 | 0.000079 | 5 | 0 | 5 | 0.000128 |
| 566 | okai0-4n | [yo][fptk\| dlrsmg] + c \| cs + e4o | 994 | 113 | 0.000128 | 0.000054 | 5 | 0 | 5 | 0.000128 |
| 567 | l[drs] Prefixes | ai4n | 95 | 589 | 0.000128 | 0.000092 | 5 | 0 | 5 | 0.000128 |
| 568 | om + o[fptk \| dlrsmg]am | yc + e4or | 454 | 34 | 0.000128 | 0.000118 | 5 | 0 | 5 | 0.000128 |
| 569 | om + o[fptk \| dlrsmg]am | yce4y + infixed versions | 454 | 87 | 0.000128 | 0.000102 | 5 | 0 | 5 | 0.000128 |
| 570 | olcey relative | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 277 | 519 | 0.000128 | 0.000034 | 5 | 0 | 5 | 0.000128 |
| 571 | l[fptk] Prefixes | om + o[fptk \| dlrsmg]am | 514 | 454 | 0.000128 | -0.000026 | 5 | 0 | 5 | 0.000128 |
| 572 | o[fptk]o | o-axis of [yo][fptk][ao][lr] | 51 | 764 | 0.000128 | 0.000103 | 5 | 0 | 5 | 0.000128 |
| 573 | ceal variants | oce4y + infixed versions | 269 | 379 | 0.000128 | 0.000061 | 5 | 0 | 5 | 0.000128 |
| 574 | ceal variants | [yo]c[fptk]e4y | 269 | 294 | 0.000128 | 0.000076 | 5 | 0 | 5 | 0.000128 |
| 575 | ceal variants | oc[s \| fptk]e4y | 269 | 319 | 0.000128 | 0.000072 | 5 | 0 | 5 | 0.000128 |
| 576 | ykai0-4n | c + c[s \| fptk]e4y | 73 | 1624 | 0.000128 | 0.000050 | 5 | 0 | 5 | 0.000128 |
| 577 | oi4n | ce4y | 58 | 737 | 0.000128 | 0.000100 | 5 | 0 | 5 | 0.000128 |
| 578 | okar variants | oly | 493 | 222 | 0.000128 | 0.000056 | 5 | 0 | 5 | 0.000128 |
| 579 | [yo]doi0-4[lr] | ea | 45 | 1195 | 0.000128 | 0.000093 | 5 | 0 | 5 | 0.000128 |
| 580 | oe4y | [yo]kai0-4n | 66 | 1067 | 0.000128 | 0.000082 | 5 | 0 | 5 | 0.000128 |
| 581 | oe4y | okai0-4n | 66 | 994 | 0.000128 | 0.000085 | 5 | 0 | 5 | 0.000128 |
| 582 | odai0-4n | ceal verbs | 408 | 230 | 0.000128 | 0.000067 | 5 | 0 | 5 | 0.000128 |
| 583 | sai4n | o[fptk]e4os | 258 | 106 | 0.000128 | 0.000110 | 5 | 0 | 5 | 0.000128 |
| 584 | ce4a | ola | 1009 | 228 | 0.000128 | -0.000023 | 5 | 0 | 5 | 0.000128 |
| 585 | ceam verbs | [yo]c + e4o Superclass | 61 | 345 | 0.000128 | 0.000115 | 5 | 0 | 5 | 0.000128 |
| 586 | otol variants | otce0-4y | 239 | 281 | 0.000128 | 0.000084 | 5 | 0 | 5 | 0.000128 |
| 587 | [fptk][yo]lc | oke0-4y | 53 | 1314 | 0.000128 | 0.000082 | 5 | 0 | 5 | 0.000128 |
| 588 | [fptk][yo]lc | [yo][fptk][ao][lr] | 53 | 2688 | 0.000128 | 0.000034 | 5 | 0 | 5 | 0.000128 |
| 589 | odcey relatives | ed[yoa] | 34 | 5851 | 0.000128 | -0.000003 | 5 | 0 | 5 | 0.000128 |
| 590 | ai4n | okce0-4y | 589 | 338 | 0.000128 | -0.000003 | 5 | 0 | 5 | 0.000128 |
| 591 | ai4n | o[lr]y | 589 | 318 | 0.000128 | 0.000005 | 5 | 0 | 5 | 0.000128 |
| 592 | [yo][fptk]e4od | ol[ds] | 355 | 315 | 0.000128 | 0.000055 | 5 | 0 | 5 | 0.000128 |
| 593 | ai4n | okc + e0-4 + y \| dy \| o[dlrs]y | 589 | 563 | 0.000128 | -0.000090 | 5 | 0 | 5 | 0.000128 |
| 594 | ai4l | [fptk]e0-4y | 306 | 161 | 0.000128 | 0.000096 | 5 | 0 | 5 | 0.000128 |
| 595 | o[tk][ao]s | ai4[lr] | 58 | 782 | 0.000128 | 0.000099 | 5 | 0 | 5 | 0.000128 |
| 596 | ceam variants | [yo]c + e4o Superclass | 76 | 345 | 0.000128 | 0.000111 | 5 | 0 | 5 | 0.000128 |
| 597 | ai4n | c[s \| fptk]e4dy | 589 | 622 | 0.000128 | -0.000113 | 5 | 0 | 5 | 0.000128 |
| 598 | [fp]c-Initial | odai0-4r | 387 | 193 | 0.000128 | 0.000079 | 5 | 0 | 5 | 0.000128 |
| 599 | [fp]c-Initial | yodai0-4r | 387 | 205 | 0.000128 | 0.000076 | 5 | 0 | 5 | 0.000128 |
| 600 | [fp]c-Initial | od[ao]i0-4r | 387 | 215 | 0.000128 | 0.000074 | 5 | 0 | 5 | 0.000128 |
| 601 | [fp]c-Initial | o[fptk]c + e0-4or | 387 | 135 | 0.000128 | 0.000094 | 5 | 0 | 5 | 0.000128 |
| 602 | [fp]c-Initial | [yo]tai0-4n | 387 | 490 | 0.000128 | 0.000003 | 5 | 0 | 5 | 0.000128 |
| 603 | [fp]c-Initial | ol[yo] | 387 | 388 | 0.000128 | 0.000029 | 5 | 0 | 5 | 0.000128 |
| 604 | [fp]c-Initial | [yo]d[ao]i0-4r | 387 | 228 | 0.000128 | 0.000070 | 5 | 0 | 5 | 0.000128 |
| 605 | cear variants | o[fptk]e4dy | 365 | 1444 | 0.000128 | -0.000219 | 5 | 0 | 5 | 0.000128 |
| 606 | ce4dy | ce4y | 755 | 737 | 0.000128 | -0.000239 | 5 | 0 | 5 | 0.000128 |
| 607 | ce4ai4n | o[lr]a | 271 | 469 | 0.000128 | 0.000045 | 5 | 0 | 5 | 0.000128 |
| 608 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | [fptk]ai4n | 503 | 191 | 0.000128 | 0.000065 | 5 | 0 | 5 | 0.000128 |
| 609 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | otce0-4dy | 519 | 172 | 0.000128 | 0.000070 | 5 | 0 | 5 | 0.000128 |
| 610 | [yo]kai0-4n | [yo][fptk\| dlrsmg] + c \| cs + e4o | 1067 | 113 | 0.000128 | 0.000049 | 5 | 0 | 5 | 0.000128 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 611 | od[ao]i0-4n | ceal verbs | 410 | 230 | 0.000128 | 0.000066 | 5 | 0 | 5 | 0.000128 |
| 612 | [fptk][dlrs] Prefixes | [q \| fptk \| dlrsmg] + oi0-4[lr] | 34 | 1819 | 0.000128 | 0.000088 | 5 | 0 | 5 | 0.000128 |
| 613 | ai4[dlrsmg] | olcey relative | 930 | 277 | 0.000128 | -0.000042 | 5 | 0 | 5 | 0.000128 |
| 614 | [yo][fp]a | ai4l | 200 | 306 | 0.000128 | 0.000088 | 5 | 0 | 5 | 0.000128 |
| 615 | ai4[dlrsmg] | olcey relatives (non -edy) | 930 | 138 | 0.000128 | 0.000044 | 5 | 0 | 5 | 0.000128 |
| 616 | ai4[dlrsmg] | a[dlrsmg]c | 930 | 91 | 0.000128 | 0.000073 | 5 | 0 | 5 | 0.000128 |
| 617 | ai4[dlrsmg] | et[yo] | 930 | 115 | 0.000128 | 0.000058 | 5 | 0 | 5 | 0.000128 |
| 618 | ai4[dlrsmg] | [yo]te4od | 930 | 149 | 0.000128 | 0.000037 | 5 | 0 | 5 | 0.000128 |
| 619 | ai4[dlrsmg] | [yo]c + e4dy | 930 | 110 | 0.000128 | 0.000061 | 5 | 0 | 5 | 0.000128 |
| 620 | pc-initial | ofc + e0-4 + y \| dy \| o[dlrs]y | 307 | 65 | 0.000128 | 0.000115 | 5 | 0 | 5 | 0.000128 |
| 621 | ol[tk] | otce0-4y | 621 | 281 | 0.000128 | 0.000013 | 5 | 0 | 5 | 0.000128 |
| 622 | ai4r | [yo]c[s \| fptk]e4y | 483 | 353 | 0.000128 | 0.000016 | 5 | 0 | 5 | 0.000128 |
| 623 | cteo-initial | so | 220 | 378 | 0.000128 | 0.000074 | 5 | 0 | 5 | 0.000128 |
| 624 | od endings + odcey relatives | o[fptk]c + e4ody | 275 | 75 | 0.000128 | 0.000115 | 5 | 0 | 5 | 0.000128 |
| 625 | ai4l | cse4y | 306 | 578 | 0.000128 | 0.000012 | 5 | 0 | 5 | 0.000128 |
| 626 | oke0-4y | ce4o | 1314 | 160 | 0.000128 | -0.000010 | 5 | 0 | 5 | 0.000128 |
| 627 | otce0-4y | [fptk]e0-4y | 281 | 161 | 0.000128 | 0.000099 | 5 | 0 | 5 | 0.000128 |
| 628 | oke0-4y | te4o | 1314 | 75 | 0.000128 | 0.000063 | 5 | 0 | 5 | 0.000128 |
| 629 | oke0-4y | [yo]ke4os | 1314 | 46 | 0.000103 | 0.000063 | 4 | 0 | 4 | 0.000103 |
| 630 | okc + e0-4 + y \| dy \| o[dlrs]y | o[tk][lr] | 563 | 28 | 0.000103 | 0.000092 | 4 | 0 | 4 | 0.000103 |
| 631 | okc + e0-4 + y \| dy \| o[dlrs]y | o[fptk][dlrsmg] | 563 | 68 | 0.000103 | 0.000077 | 4 | 0 | 4 | 0.000103 |
| 632 | ai4l | tc-initial | 306 | 345 | 0.000103 | 0.000033 | 4 | 0 | 4 | 0.000103 |
| 633 | ai4l | olcey relative | 306 | 277 | 0.000103 | 0.000047 | 4 | 0 | 4 | 0.000103 |
| 634 | ai4l | o[lr]a | 306 | 469 | 0.000103 | 0.000008 | 4 | 0 | 4 | 0.000103 |
| 635 | okol variants | otar variants | 285 | 345 | 0.000103 | 0.000038 | 4 | 0 | 4 | 0.000103 |
| 636 | eky | okol variants | 217 | 285 | 0.000103 | 0.000062 | 4 | 0 | 4 | 0.000103 |
| 637 | o[lr][yoa] | ope0-4y | 1044 | 34 | 0.000103 | 0.000079 | 4 | 0 | 4 | 0.000103 |
| 638 | o[lr][yoa] | oe4y | 1044 | 66 | 0.000103 | 0.000057 | 4 | 0 | 4 | 0.000103 |
| 639 | od endings + odcey relatives | otol variants | 275 | 239 | 0.000103 | 0.000059 | 4 | 0 | 4 | 0.000103 |
| 640 | cteo-initial | okol variants | 220 | 285 | 0.000103 | 0.000061 | 4 | 0 | 4 | 0.000103 |
| 641 | cteo-initial | o[lr]a | 220 | 469 | 0.000103 | 0.000035 | 4 | 0 | 4 | 0.000103 |
| 642 | y ce4y + s infixes | [tk]e4o | 82 | 206 | 0.000103 | 0.000092 | 4 | 0 | 4 | 0.000103 |
| 643 | ai4r | om | 483 | 203 | 0.000103 | 0.000038 | 4 | 0 | 4 | 0.000103 |
| 644 | ai4r | oc[s \| fptk]e4y | 483 | 319 | 0.000103 | 0.000001 | 4 | 0 | 4 | 0.000103 |
| 645 | ai4r | ety | 483 | 93 | 0.000103 | 0.000073 | 4 | 0 | 4 | 0.000103 |
| 646 | ol[ds] | ol[tk] | 315 | 621 | 0.000103 | -0.000026 | 4 | 0 | 4 | 0.000103 |
| 647 | ol[ds] | olk | 315 | 557 | 0.000103 | -0.000013 | 4 | 0 | 4 | 0.000103 |
| 648 | ofc + e0-4 + y \| dy \| o[dlrs]y | dai4n | 65 | 1140 | 0.000103 | 0.000054 | 4 | 0 | 4 | 0.000103 |
| 649 | [yo][fptk]e4o | Single-Letter Words | 88 | 566 | 0.000103 | 0.000070 | 4 | 0 | 4 | 0.000103 |
| 650 | [yo][fptk]e4o | c[fptk]e4y | 88 | 310 | 0.000103 | 0.000085 | 4 | 0 | 4 | 0.000103 |
| 651 | ai4[dlrsmg] | ady | 930 | 36 | 0.000103 | 0.000081 | 4 | 0 | 4 | 0.000103 |
| 652 | ai4[dlrsmg] | ocke4y | 930 | 162 | 0.000103 | 0.000003 | 4 | 0 | 4 | 0.000103 |
| 653 | [yo]ke4od | okc + e0-4 + y \| dy \| o[dlrs]y | 207 | 563 | 0.000103 | 0.000026 | 4 | 0 | 4 | 0.000103 |
| 654 | [yo]ke4od | okar variants | 207 | 493 | 0.000103 | 0.000035 | 4 | 0 | 4 | 0.000103 |
| 655 | [yo]ke4od | okce0-4y | 207 | 338 | 0.000103 | 0.000057 | 4 | 0 | 4 | 0.000103 |
| 656 | [yo][fptk]e4od | old | 355 | 225 | 0.000103 | 0.000050 | 4 | 0 | 4 | 0.000103 |
| 657 | [yo][fptk]e4od | opai0-4n | 355 | 26 | 0.000103 | 0.000097 | 4 | 0 | 4 | 0.000103 |
| 658 | [yo]te4od | [yo]kai0-4n | 149 | 1067 | 0.000103 | -0.000002 | 4 | 0 | 4 | 0.000103 |
| 659 | [yo]te4od | okai0-4n | 149 | 994 | 0.000103 | 0.000005 | 4 | 0 | 4 | 0.000103 |
| 660 | cpe4[yo] | oy | 94 | 141 | 0.000103 | 0.000094 | 4 | 0 | 4 | 0.000103 |
| 661 | cpe4[yo] | oy + oe4y | 94 | 207 | 0.000103 | 0.000090 | 4 | 0 | 4 | 0.000103 |
| 662 | cpe4[yo] | [dlrsmg]ai4[lr] | 94 | 875 | 0.000103 | 0.000048 | 4 | 0 | 4 | 0.000103 |
| 663 | e[fp][yoa] | oi4[dlrsmg \| n] | 79 | 1124 | 0.000103 | 0.000044 | 4 | 0 | 4 | 0.000103 |
| 664 | ai4[dlrsmg] | oc[fptk]e4y | 930 | 289 | 0.000103 | -0.000075 | 4 | 0 | 4 | 0.000103 |
| 665 | ai4[dlrsmg] | y c + e4o | 930 | 38 | 0.000103 | 0.000079 | 4 | 0 | 4 | 0.000103 |
| 666 | [fptk][dlrs] Prefixes | oi4[dlrsmg \| n] | 34 | 1124 | 0.000103 | 0.000078 | 4 | 0 | 4 | 0.000103 |
| 667 | ote0-4y | om | 731 | 203 | 0.000103 | 0.000005 | 4 | 0 | 4 | 0.000103 |
| 668 | oce4y | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 60 | 2246 | 0.000103 | 0.000014 | 4 | 0 | 4 | 0.000103 |
| 669 | okc + e0-4 + y \| dy \| o[dlrs]y | opai0-4n | 563 | 26 | 0.000103 | 0.000093 | 4 | 0 | 4 | 0.000103 |
| 670 | yodai0-4[lr] | g | 348 | 132 | 0.000103 | 0.000072 | 4 | 0 | 4 | 0.000103 |
| 671 | aro[dlrsmg] | oe | 105 | 463 | 0.000103 | 0.000071 | 4 | 0 | 4 | 0.000103 |
| 672 | [yo][fptk]e4od + y | okc + e0-4 + y \| dy \| o[dlrs]y | 284 | 563 | 0.000103 | -0.000003 | 4 | 0 | 4 | 0.000103 |
| 673 | odai0-4[lrm \| n] | okc + e4o | 767 | 49 | 0.000103 | 0.000078 | 4 | 0 | 4 | 0.000103 |
| 674 | odai0-4[lrm \| n] | oo | 767 | 62 | 0.000103 | 0.000071 | 4 | 0 | 4 | 0.000103 |
| 675 | odai0-4[lrm \| n] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 767 | 54 | 0.000103 | 0.000075 | 4 | 0 | 4 | 0.000103 |
| 676 | od[ao]i0-4r | ce4o | 215 | 160 | 0.000103 | 0.000080 | 4 | 0 | 4 | 0.000103 |
| 677 | ce4dy | [yo]te4or | 755 | 31 | 0.000103 | 0.000087 | 4 | 0 | 4 | 0.000103 |
| 678 | ce4dy | [fptk]e0-4y | 755 | 161 | 0.000103 | 0.000023 | 4 | 0 | 4 | 0.000103 |
| 679 | ce4dy | a[lr][fptk] | 755 | 83 | 0.000103 | 0.000061 | 4 | 0 | 4 | 0.000103 |
| 680 | [dlrsmg] + ai4r | otar variants | 190 | 345 | 0.000103 | 0.000059 | 4 | 0 | 4 | 0.000103 |
| 681 | [dlrsmg] + ai4r | oa | 190 | 321 | 0.000103 | 0.000063 | 4 | 0 | 4 | 0.000103 |
| 682 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ory | y-initial | 28 | 1926 | 0.000103 | 0.000067 | 4 | 0 | 4 | 0.000103 |
| 683 | oi4n | ote0-4y | 58 | 731 | 0.000103 | 0.000075 | 4 | 0 | 4 | 0.000103 |
| 684 | [fp]c-Initial | otai0-4n | 387 | 430 | 0.000103 | -0.000007 | 4 | 0 | 4 | 0.000103 |
| 685 | [fp]c-Initial | [fptk]ai4n | 387 | 191 | 0.000103 | 0.000054 | 4 | 0 | 4 | 0.000103 |
| 686 | [fp]c-Initial | [yo][fp]a | 387 | 200 | 0.000103 | 0.000052 | 4 | 0 | 4 | 0.000103 |
| 687 | [fp]c-Initial | ofc + e4 + y \| dy \| o + [lr] Superset | 387 | 75 | 0.000103 | 0.000084 | 4 | 0 | 4 | 0.000103 |
| 688 | c + e4 + [fptk]c Nouns | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 18 | 3168 | 0.000103 | 0.000065 | 4 | 0 | 4 | 0.000103 |
| 689 | pc-initial | [yo][fptk]e4o[dlrsmg] | 307 | 924 | 0.000103 | -0.000084 | 4 | 0 | 4 | 0.000103 |
| 690 | ce4o | lc-initial | 160 | 457 | 0.000103 | 0.000055 | 4 | 0 | 4 | 0.000103 |
| 691 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | [yo]ke4or | 733 | 96 | 0.000103 | 0.000056 | 4 | 0 | 4 | 0.000103 |
| 692 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | c-sequence + e4 + [fptk] + e4 + y | 733 | 101 | 0.000103 | 0.000054 | 4 | 0 | 4 | 0.000103 |
| 693 | c[fptk]e4dy | o[lr][yoa] | 37 | 1044 | 0.000103 | 0.000077 | 4 | 0 | 4 | 0.000103 |
| 694 | [tk]c-Initial | [tk]y | 667 | 52 | 0.000103 | 0.000080 | 4 | 0 | 4 | 0.000103 |
| 695 | [tk]c-Initial | okor variants | 667 | 122 | 0.000103 | 0.000049 | 4 | 0 | 4 | 0.000103 |
| 696 | [tk]c-Initial | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 667 | 186 | 0.000103 | 0.000021 | 4 | 0 | 4 | 0.000103 |
| 697 | [tk]c-Initial | [yo]ke4od | 667 | 207 | 0.000103 | 0.000012 | 4 | 0 | 4 | 0.000103 |
| 698 | ai4n | ek[yo] | 589 | 255 | 0.000103 | 0.000004 | 4 | 0 | 4 | 0.000103 |
| 699 | ai4n | [yo]ke4od | 589 | 207 | 0.000103 | 0.000022 | 4 | 0 | 4 | 0.000103 |
| 700 | ai4n | cse4dy | 589 | 585 | 0.000103 | -0.000125 | 4 | 0 | 4 | 0.000103 |
| 701 | odcey relatives | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 34 | 1421 | 0.000103 | 0.000071 | 4 | 0 | 4 | 0.000103 |
| 702 | ce4a | y ce4y + s infixes | 1009 | 82 | 0.000103 | 0.000048 | 4 | 0 | 4 | 0.000103 |
| 703 | otc + e4ody | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 29 | 1421 | 0.000103 | 0.000076 | 4 | 0 | 4 | 0.000103 |
| 704 | oa | cectey relatives | 321 | 197 | 0.000103 | 0.000061 | 4 | 0 | 4 | 0.000103 |
| 705 | [yo][fptk]ce4d | y-initial | 42 | 1926 | 0.000103 | 0.000049 | 4 | 0 | 4 | 0.000103 |
| 706 | [yo][fptk]ce4d | y[fptk]-initial | 42 | 1295 | 0.000103 | 0.000067 | 4 | 0 | 4 | 0.000103 |
| 707 | odai0-4n | otal variants | 408 | 333 | 0.000103 | 0.000013 | 4 | 0 | 4 | 0.000103 |
| 708 | odai0-4n | ek[yo] | 408 | 255 | 0.000103 | 0.000034 | 4 | 0 | 4 | 0.000103 |
| 709 | [yo][fptk]e4od + y | ol[ds] | 284 | 315 | 0.000103 | 0.000044 | 4 | 0 | 4 | 0.000103 |
| 710 | y[fptk]-initial | opal variants | 1295 | 42 | 0.000103 | 0.000067 | 4 | 0 | 4 | 0.000103 |
| 711 | c[fptk]e4o-initial & c[fptk]e4y Superclass | opai0-4n | 1659 | 26 | 0.000103 | 0.000074 | 4 | 0 | 4 | 0.000103 |
| 712 | c[fptk]e4o-initial & c[fptk]e4y Superclass | e[tk]o | 1659 | 60 | 0.000103 | 0.000037 | 4 | 0 | 4 | 0.000103 |
| 713 | c[fptk]e4o-initial & c[fptk]e4y Superclass | opai0-4n | 1659 | 29 | 0.000103 | 0.000071 | 4 | 0 | 4 | 0.000103 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 714 | c[fptk]e4o-initial & c[fptk]e4y Superclass | [yo][fp]ai0-4[rn] | 1659 | 111 | 0.000103 | -0.000019 | 4 | 0 | 4 | 0.000103 |
| 715 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 519 | 230 | 0.000103 | 0.000024 | 4 | 0 | 4 | 0.000103 |
| 716 | dai4m | [yo]c + e4o Superclass | 130 | 345 | 0.000103 | 0.000073 | 4 | 0 | 4 | 0.000103 |
| 717 | cear verbs | o[fptk]e4dy | 303 | 1444 | 0.000103 | -0.000186 | 4 | 0 | 4 | 0.000103 |
| 718 | sai4n | ai4r | 258 | 483 | 0.000103 | 0.000021 | 4 | 0 | 4 | 0.000103 |
| 719 | opor variants | c + c[s \| fptk]e4y | 25 | 1624 | 0.000103 | 0.000076 | 4 | 0 | 4 | 0.000103 |
| 720 | oe4y | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 66 | 2246 | 0.000103 | 0.000005 | 4 | 0 | 4 | 0.000103 |
| 721 | c[fptk]e4o-initial & c[fptk]e4y Superclass | o[fptk]c + e4od | 1659 | 21 | 0.000103 | 0.000080 | 4 | 0 | 4 | 0.000103 |
| 722 | [yo]doi0-4[lr] | ce4a | 45 | 1009 | 0.000103 | 0.000073 | 4 | 0 | 4 | 0.000103 |
| 723 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ory | 1227 | 28 | 0.000103 | 0.000080 | 4 | 0 | 4 | 0.000103 |
| 724 | oa | c[fp]e4y + added c-sequences | 321 | 69 | 0.000103 | 0.000088 | 4 | 0 | 4 | 0.000103 |
| 725 | oa | c[fp]e4y + added c-sequences & cfeo-Initial | 321 | 84 | 0.000103 | 0.000085 | 4 | 0 | 4 | 0.000103 |
| 726 | o[fptk][dlrsmg] | cse4dy | 68 | 585 | 0.000103 | 0.000077 | 4 | 0 | 4 | 0.000103 |
| 727 | o[fptk][dlrsmg] | c[s \| fptk]e4dy | 68 | 622 | 0.000103 | 0.000075 | 4 | 0 | 4 | 0.000103 |
| 728 | oro | y[fptk]-initial | 102 | 1295 | 0.000103 | 0.000016 | 4 | 0 | 4 | 0.000103 |
| 729 | l[fptk] Prefixes | orai0-4n | 514 | 135 | 0.000103 | 0.000057 | 4 | 0 | 4 | 0.000103 |
| 730 | l[fptk] Prefixes | [fptk \| dlrs] prefixes to dai4[lrsm \| n] | 514 | 83 | 0.000103 | 0.000075 | 4 | 0 | 4 | 0.000103 |
| 731 | l[fptk] Prefixes | a[lr]an | 514 | 56 | 0.000103 | 0.000084 | 4 | 0 | 4 | 0.000103 |
| 732 | otai0-4n | [yo]c + e4o Superclass | 430 | 345 | 0.000103 | 0.000005 | 4 | 0 | 4 | 0.000103 |
| 733 | otai0-4n | a[dlrsmg]am | 430 | 92 | 0.000103 | 0.000077 | 4 | 0 | 4 | 0.000103 |
| 734 | [tk]e4dy | otar variants | 309 | 345 | 0.000103 | 0.000032 | 4 | 0 | 4 | 0.000103 |
| 735 | [tk]e4dy | [yo]tai0-4n | 309 | 490 | 0.000103 | 0.000003 | 4 | 0 | 4 | 0.000103 |
| 736 | ai4[lr] | [yo]c[fptk]e4y | 782 | 294 | 0.000103 | -0.000049 | 4 | 0 | 4 | 0.000103 |
| 737 | opc + e4ody | [yo][fptk][ao][lr] | 14 | 2688 | 0.000103 | 0.000078 | 4 | 0 | 4 | 0.000103 |
| 738 | okar variants | oe sans oy + oe4y, oe0-4s | 493 | 317 | 0.000103 | 0.000000 | 4 | 0 | 4 | 0.000103 |
| 739 | om + o[fptk \| dlrsmg]am | [yo]cse4y | 454 | 57 | 0.000103 | 0.000086 | 4 | 0 | 4 | 0.000103 |
| 740 | om + o[fptk \| dlrsmg]am | [yo]ce4y | 454 | 113 | 0.000103 | 0.000069 | 4 | 0 | 4 | 0.000103 |
| 741 | om + o[fptk \| dlrsmg]am | od endings | 454 | 243 | 0.000103 | 0.000030 | 4 | 0 | 4 | 0.000103 |
| 742 | okam variants | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 76 | 809 | 0.000103 | 0.000062 | 4 | 0 | 4 | 0.000103 |
| 743 | [yo]te4o[lr] | [dlrsmg]ai4[lr] | 130 | 875 | 0.000103 | 0.000028 | 4 | 0 | 4 | 0.000103 |
| 744 | oe0-4[fp]oe0-4[lr] | o[lr][yo] | 71 | 583 | 0.000103 | 0.000075 | 4 | 0 | 4 | 0.000103 |
| 745 | oe0-4[fp]oe0-4[lr] | oi4[dlrsmg \| n] | 71 | 1124 | 0.000103 | 0.000050 | 4 | 0 | 4 | 0.000103 |
| 746 | or[yo] | yce4y + s infixes | 200 | 82 | 0.000103 | 0.000092 | 4 | 0 | 4 | 0.000103 |
| 747 | or[yo] | so | 200 | 378 | 0.000103 | 0.000053 | 4 | 0 | 4 | 0.000103 |
| 748 | or[yo] | [yo]ce4y + s infixes | 200 | 172 | 0.000103 | 0.000080 | 4 | 0 | 4 | 0.000103 |
| 749 | or[yo] | yce4y + infixed versions | 200 | 87 | 0.000103 | 0.000091 | 4 | 0 | 4 | 0.000103 |
| 750 | cedai4[lrsm \| n] | yodai0-4l | 527 | 143 | 0.000103 | 0.000053 | 4 | 0 | 4 | 0.000103 |
| 751 | l[drs] Prefixes | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 95 | 809 | 0.000103 | 0.000052 | 4 | 0 | 4 | 0.000103 |
| 752 | odai0-4r | ce4o | 193 | 160 | 0.000103 | 0.000082 | 4 | 0 | 4 | 0.000103 |
| 753 | te4dy | [fptk]ai4[dlrsmg \| n] | 91 | 411 | 0.000103 | 0.000078 | 4 | 0 | 4 | 0.000103 |
| 754 | ceal verbs | [yo]c[s \| fptk]e4y | 230 | 353 | 0.000103 | 0.000049 | 4 | 0 | 4 | 0.000103 |
| 755 | a[dlrsmg]c | o[fptk]c + e0-4dy | 91 | 554 | 0.000103 | 0.000069 | 4 | 0 | 4 | 0.000103 |
| 756 | o[fptk]edai4n | [yo]tai0-4n | 59 | 490 | 0.000103 | 0.000084 | 4 | 0 | 4 | 0.000103 |
| 757 | o[fptk \| dlrsmg][ao]m | yc + e4or | 280 | 34 | 0.000103 | 0.000096 | 4 | 0 | 4 | 0.000103 |
| 758 | ai4[dlrsmg \| n] | odai0-4l | 1519 | 133 | 0.000103 | -0.000031 | 4 | 0 | 4 | 0.000103 |
| 759 | ai4[dlrsmg \| n] | od[ao]i0-4l | 1519 | 154 | 0.000103 | -0.000052 | 4 | 0 | 4 | 0.000103 |
| 760 | [yo]d[ao]i0-4n | otal variants | 450 | 333 | 0.000103 | 0.000004 | 4 | 0 | 4 | 0.000103 |
| 761 | [yo]d[ao]i0-4n | opce0-4y | 450 | 111 | 0.000103 | 0.000070 | 4 | 0 | 4 | 0.000103 |
| 762 | [yo]d[ao]i0-4n | [yo][fp]ai0-4[rn] | 450 | 111 | 0.000103 | 0.000070 | 4 | 0 | 4 | 0.000103 |
| 763 | [yo]d[ao]i0-4n | ek[yo] | 450 | 255 | 0.000103 | 0.000027 | 4 | 0 | 4 | 0.000103 |
| 764 | [yo]d[ao]i0-4n | [yo][fp]a | 450 | 200 | 0.000103 | 0.000043 | 4 | 0 | 4 | 0.000103 |
| 765 | eda | orai0-4n | 784 | 135 | 0.000103 | 0.000033 | 4 | 0 | 4 | 0.000103 |
| 766 | eda | a[lr]an | 784 | 56 | 0.000103 | 0.000074 | 4 | 0 | 4 | 0.000103 |
| 767 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | ora | 222 | 241 | 0.000103 | 0.000067 | 4 | 0 | 4 | 0.000103 |
| 768 | oda | ce4g | 847 | 27 | 0.000103 | 0.000088 | 4 | 0 | 4 | 0.000103 |
| 769 | oda | o[fptk]e4os | 847 | 106 | 0.000103 | 0.000044 | 4 | 0 | 4 | 0.000103 |
| 770 | ai4[lr] | [yo]c + e4dy | 782 | 110 | 0.000103 | 0.000046 | 4 | 0 | 4 | 0.000103 |
| 771 | ai4[lr] | ety | 782 | 93 | 0.000103 | 0.000055 | 4 | 0 | 4 | 0.000103 |
| 772 | eda | [yo]c[fp] | 784 | 62 | 0.000103 | 0.000071 | 4 | 0 | 4 | 0.000103 |
| 773 | et[yoa] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 186 | 503 | 0.000103 | 0.000041 | 4 | 0 | 4 | 0.000103 |
| 774 | [tk]e4dy | okam variants | 309 | 76 | 0.000103 | 0.000087 | 4 | 0 | 4 | 0.000103 |
| 775 | [tk]e4dy | otai0-4n | 309 | 430 | 0.000103 | 0.000015 | 4 | 0 | 4 | 0.000103 |
| 776 | [yo]pa | otal variants | 141 | 333 | 0.000103 | 0.000072 | 4 | 0 | 4 | 0.000103 |
| 777 | o[fptk \| dlrsmg][ao]m | yc + e4o[lr] | 280 | 68 | 0.000103 | 0.000090 | 4 | 0 | 4 | 0.000103 |
| 778 | ek[yo] | otce0-4y | 255 | 281 | 0.000103 | 0.000055 | 4 | 0 | 4 | 0.000103 |
| 779 | opce0-4y | oke0-4y | 111 | 1314 | 0.000103 | 0.000006 | 4 | 0 | 4 | 0.000103 |
| 780 | otai0-4n | o[fptk]c + e0-4or | 430 | 135 | 0.000103 | 0.000064 | 4 | 0 | 4 | 0.000103 |
| 781 | ece Adjective | okc + e0-4 + y \| dy \| o[dlrs]y | 69 | 563 | 0.000103 | 0.000077 | 4 | 0 | 4 | 0.000103 |
| 782 | [yo]cp | y-initial | 38 | 1926 | 0.000103 | 0.000054 | 4 | 0 | 4 | 0.000103 |
| 783 | [yo]cp | y[fptk]-initial | 38 | 1295 | 0.000103 | 0.000070 | 4 | 0 | 4 | 0.000103 |
| 784 | [dlrsmg \| fptk] + ai4[dlrsmg] | cedam variants | 1444 | 30 | 0.000103 | 0.000074 | 4 | 0 | 4 | 0.000103 |
| 785 | odo | ce4a | 57 | 1009 | 0.000103 | 0.000065 | 4 | 0 | 4 | 0.000103 |
| 786 | odo | [q \| fptk \| dlrsmg] + oi0-4[lr] | 57 | 1819 | 0.000103 | 0.000034 | 4 | 0 | 4 | 0.000103 |
| 787 | od[ao]i0-4[lrm \| n] | ckeo-initial | 813 | 79 | 0.000103 | 0.000060 | 4 | 0 | 4 | 0.000103 |
| 788 | od[ao]i0-4[lrm \| n] | okc + e4o | 813 | 49 | 0.000103 | 0.000076 | 4 | 0 | 4 | 0.000103 |
| 789 | od[ao]i0-4[lrm \| n] | oo | 813 | 62 | 0.000103 | 0.000069 | 4 | 0 | 4 | 0.000103 |
| 790 | od[ao]i0-4[lrm \| n] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 813 | 54 | 0.000103 | 0.000074 | 4 | 0 | 4 | 0.000103 |
| 791 | oi | ote4dy | 304 | 509 | 0.000103 | 0.000001 | 4 | 0 | 4 | 0.000103 |
| 792 | o[fptk]c + e0-4o | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 101 | 186 | 0.000103 | 0.000090 | 4 | 0 | 4 | 0.000103 |
| 793 | ckeo-initial | okol variants | 79 | 285 | 0.000103 | 0.000088 | 4 | 0 | 4 | 0.000103 |
| 794 | ai4[dlrsmg \| n] | ef[yoa] | 1519 | 33 | 0.000103 | 0.000070 | 4 | 0 | 4 | 0.000103 |
| 795 | o[fptk \| dlrsmg][ao]m | oi4n Superset | 280 | 257 | 0.000103 | 0.000055 | 4 | 0 | 4 | 0.000103 |
| 796 | ai4[lr] | a[dlrsmg]c | 782 | 91 | 0.000103 | 0.000056 | 4 | 0 | 4 | 0.000103 |
| 797 | ol[oa] | kc-initial | 401 | 322 | 0.000103 | 0.000018 | 4 | 0 | 4 | 0.000103 |
| 798 | ol[oa] | c \| c[fptk] + e4o | 401 | 228 | 0.000103 | 0.000042 | 4 | 0 | 4 | 0.000103 |
| 799 | oke4dy | o[fptk]edar | 933 | 72 | 0.000103 | 0.000058 | 4 | 0 | 4 | 0.000103 |
| 800 | od[ao]i0-4m | edy | 34 | 4981 | 0.000103 | -0.000009 | 4 | 0 | 4 | 0.000103 |
| 801 | c \| c[s \| fptk] + e4dy | c[fptk]e4y | 1395 | 310 | 0.000103 | -0.000183 | 4 | 0 | 4 | 0.000103 |
| 802 | c \| c[s \| fptk] + e4dy | [yo]te4or | 1395 | 31 | 0.000103 | 0.000074 | 4 | 0 | 4 | 0.000103 |
| 803 | c \| c[s \| fptk] + e4dy | [fptk]e0-4y | 1395 | 161 | 0.000103 | -0.000045 | 4 | 0 | 4 | 0.000103 |
| 804 | [fptk]e0-4y | lk-initial | 161 | 454 | 0.000103 | 0.000055 | 4 | 0 | 4 | 0.000103 |
| 805 | ol[yoa] | ce4o | 614 | 160 | 0.000103 | 0.000038 | 4 | 0 | 4 | 0.000103 |
| 806 | c[fp]e4y + added c-sequences | oke0-4y | 69 | 1314 | 0.000103 | 0.000043 | 4 | 0 | 4 | 0.000103 |
| 807 | o-axis of [yo][fptk][ao][lr] | oo + oe4o | 764 | 133 | 0.000103 | 0.000036 | 4 | 0 | 4 | 0.000103 |
| 808 | cectey relatives | cteo-initial | 197 | 220 | 0.000103 | 0.000074 | 4 | 0 | 4 | 0.000103 |
| 809 | cectey relatives | [yo]ke4o[lr] | 197 | 319 | 0.000103 | 0.000061 | 4 | 0 | 4 | 0.000103 |
| 810 | odai0-4m | edy | 33 | 4981 | 0.000103 | -0.000006 | 4 | 0 | 4 | 0.000103 |
| 811 | odai0-4m | ed[yoa] | 33 | 5851 | 0.000103 | -0.000025 | 4 | 0 | 4 | 0.000103 |
| 812 | old | olk | 225 | 557 | 0.000103 | 0.000020 | 4 | 0 | 4 | 0.000103 |
| 813 | oce4y + s infixes | cte4[yo] | 90 | 406 | 0.000103 | 0.000079 | 4 | 0 | 4 | 0.000103 |
| 814 | ety | oda | 93 | 847 | 0.000103 | 0.000051 | 4 | 0 | 4 | 0.000103 |
| 815 | c \| c[s \| fptk] + e4dy | [yo]c[fp] | 1395 | 62 | 0.000103 | 0.000046 | 4 | 0 | 4 | 0.000103 |
| 816 | Single-Letter Words | a[dlrsmg]c | 566 | 91 | 0.000103 | 0.000069 | 4 | 0 | 4 | 0.000103 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 817 | tc-initial | [tk]e4dy | 345 | 309 | 0.000103 | 0.000032 | 4 | 0 | 4 | 0.000103 |
| 818 | tc-initial | [fptk]ai4n | 345 | 191 | 0.000103 | 0.000059 | 4 | 0 | 4 | 0.000103 |
| 819 | oce4y + infixed versions | opce0-4y | 379 | 111 | 0.000103 | 0.000075 | 4 | 0 | 4 | 0.000103 |
| 820 | yodai0-4[lrm \| n] | oo | 832 | 62 | 0.000103 | 0.000069 | 4 | 0 | 4 | 0.000103 |
| 821 | yodai0-4[lrm \| n] | o[fptk]e4os | 832 | 106 | 0.000103 | 0.000045 | 4 | 0 | 4 | 0.000103 |
| 822 | c \| cs + e0-4d | ai4[lr] | 89 | 782 | 0.000103 | 0.000057 | 4 | 0 | 4 | 0.000103 |
| 823 | c \| cs + e0-4d | Single-Letter Words | 89 | 566 | 0.000103 | 0.000070 | 4 | 0 | 4 | 0.000103 |
| 824 | c + c[s \| fptk]e4y | otce0-4dy | 1624 | 172 | 0.000103 | -0.000082 | 4 | 0 | 4 | 0.000103 |
| 825 | om + o[fptk \| dlrsmg]am | ol + c \| cs + e4o[lr] | 454 | 34 | 0.000103 | 0.000093 | 4 | 0 | 4 | 0.000103 |
| 826 | lk-initial | [fptk \| dlrs] prefixes to dai4[lrsm \| n] | 454 | 83 | 0.000103 | 0.000078 | 4 | 0 | 4 | 0.000103 |
| 827 | lk-initial | a[lr]an | 454 | 56 | 0.000103 | 0.000086 | 4 | 0 | 4 | 0.000103 |
| 828 | cean variants | o[lr]a | 255 | 469 | 0.000103 | 0.000024 | 4 | 0 | 4 | 0.000103 |
| 829 | cean variants | c + e4dy | 255 | 3053 | 0.000103 | -0.000411 | 4 | 0 | 4 | 0.000103 |
| 830 | cean variants | cse4y | 255 | 578 | 0.000103 | 0.000005 | 4 | 0 | 4 | 0.000103 |
| 831 | [yo]d[ao]i0-4n | cpe4[yo] | 450 | 94 | 0.000103 | 0.000075 | 4 | 0 | 4 | 0.000103 |
| 832 | o[lr]o | dc-initial | 274 | 454 | 0.000103 | 0.000021 | 4 | 0 | 4 | 0.000103 |
| 833 | [yo]d[ao]i0-4r | y + Non-[dlrs] Prefixes | 228 | 205 | 0.000103 | 0.000072 | 4 | 0 | 4 | 0.000103 |
| 834 | dl Consonant clusters | c \| c[s \| fptk] + e4dy | 79 | 1395 | 0.000103 | 0.000030 | 4 | 0 | 4 | 0.000103 |
| 835 | o + c \| cs + e4o[lr] | o[lr][yo] | 88 | 583 | 0.000103 | 0.000069 | 4 | 0 | 4 | 0.000103 |
| 836 | opc + e0-4 + y \| dy \| o[dlrs]y | ol[yo] | 302 | 388 | 0.000103 | 0.000025 | 4 | 0 | 4 | 0.000103 |
| 837 | ece Noun | ai4[dlrsmg] | 142 | 930 | 0.000103 | 0.000016 | 4 | 0 | 4 | 0.000103 |
| 838 | ece Noun | ai4[lr] | 142 | 782 | 0.000103 | 0.000029 | 4 | 0 | 4 | 0.000103 |
| 839 | old | ol[tk] | 225 | 621 | 0.000103 | 0.000011 | 4 | 0 | 4 | 0.000103 |
| 840 | ece Noun | otar variants | 142 | 345 | 0.000103 | 0.000070 | 4 | 0 | 4 | 0.000103 |
| 841 | olai0-4n | olk | 126 | 557 | 0.000103 | 0.000056 | 4 | 0 | 4 | 0.000103 |
| 842 | Detached Class Modifiers | otce0-4y | 95 | 281 | 0.000103 | 0.000085 | 4 | 0 | 4 | 0.000103 |
| 843 | Detached Class Modifiers | otc + e0-4 + y \| dy \| o[dlrs]y | 95 | 493 | 0.000103 | 0.000072 | 4 | 0 | 4 | 0.000103 |
| 844 | Detached Class Modifiers | ote0-4y | 95 | 731 | 0.000103 | 0.000057 | 4 | 0 | 4 | 0.000103 |
| 845 | oa | [yo]tai0-4n | 321 | 490 | 0.000103 | -0.000001 | 4 | 0 | 4 | 0.000103 |
| 846 | oa | o[fptk]e4os | 321 | 106 | 0.000103 | 0.000080 | 4 | 0 | 4 | 0.000103 |
| 847 | [q \| fptk \| dlrsmg] + oi0-4[lr] | ydai0-4n | 1819 | 40 | 0.000103 | 0.000055 | 4 | 0 | 4 | 0.000103 |
| 848 | [q \| fptk \| dlrsmg] + oi0-4[lr] | yd[ao]i0-4n | 1819 | 40 | 0.000103 | 0.000055 | 4 | 0 | 4 | 0.000103 |
| 849 | ola | [yo]ke4ol | 228 | 223 | 0.000103 | 0.000069 | 4 | 0 | 4 | 0.000103 |
| 850 | eko | otol variants | 38 | 239 | 0.000103 | 0.000097 | 4 | 0 | 4 | 0.000103 |
| 851 | ola | [yo]ke4o[lr] | 228 | 319 | 0.000103 | 0.000055 | 4 | 0 | 4 | 0.000103 |
| 852 | ola | c \| c[fptk] + e4o | 228 | 228 | 0.000103 | 0.000068 | 4 | 0 | 4 | 0.000103 |
| 853 | et[yo] | [yo]d[ao]i0-4[lr] | 115 | 393 | 0.000103 | 0.000073 | 4 | 0 | 4 | 0.000103 |
| 854 | et[yo] | od[ao]i0-4[lr] | 115 | 369 | 0.000103 | 0.000075 | 4 | 0 | 4 | 0.000103 |
| 855 | et[yo] | y-initial | 115 | 1926 | 0.000103 | -0.000043 | 4 | 0 | 4 | 0.000103 |
| 856 | et[yo] | odai0-4[lr] | 115 | 326 | 0.000103 | 0.000078 | 4 | 0 | 4 | 0.000103 |
| 857 | et[yo] | yodai0-4[lr] | 115 | 348 | 0.000103 | 0.000076 | 4 | 0 | 4 | 0.000103 |
| 858 | c-sequence + e4 + [fptk] + e4 + y | l[fptk] Prefixes | 101 | 514 | 0.000103 | 0.000068 | 4 | 0 | 4 | 0.000103 |
| 859 | osa | o[lr]a | 66 | 469 | 0.000103 | 0.000082 | 4 | 0 | 4 | 0.000103 |
| 860 | osa | o[lr][oa] | 66 | 735 | 0.000103 | 0.000071 | 4 | 0 | 4 | 0.000103 |
| 861 | ce4a | ece polygraph | 1009 | 219 | 0.000103 | -0.000043 | 4 | 0 | 4 | 0.000103 |
| 862 | [yo]te4os | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 60 | 2246 | 0.000103 | 0.000014 | 4 | 0 | 4 | 0.000103 |
| 863 | qo variants | [yo]kai0-4n | 59 | 1067 | 0.000103 | 0.000061 | 4 | 0 | 4 | 0.000103 |
| 864 | qo variants | od[ao]i0-4[lrm \| n] | 59 | 813 | 0.000103 | 0.000071 | 4 | 0 | 4 | 0.000103 |
| 865 | qo variants | okai0-4n | 59 | 994 | 0.000103 | 0.000064 | 4 | 0 | 4 | 0.000103 |
| 866 | Consonant Clusters | o[fptk]c + e0-4y | 115 | 753 | 0.000103 | 0.000046 | 4 | 0 | 4 | 0.000103 |
| 867 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | opc + e0-4 + y \| dy \| o[dlrs]y | 445 | 302 | 0.000103 | 0.000014 | 4 | 0 | 4 | 0.000103 |
| 868 | dai4n | ola | 1140 | 228 | 0.000103 | -0.000069 | 4 | 0 | 4 | 0.000103 |
| 869 | [fptk]ai4n | Single-Letter Words | 191 | 566 | 0.000103 | 0.000031 | 4 | 0 | 4 | 0.000103 |
| 870 | yodai0-4m | edy | 36 | 4981 | 0.000103 | -0.000016 | 4 | 0 | 4 | 0.000103 |
| 871 | odcey relatives | edy | 34 | 4981 | 0.000103 | -0.000009 | 4 | 0 | 4 | 0.000103 |
| 872 | aro[dlrsmg] | dc-initial | 105 | 454 | 0.000103 | 0.000071 | 4 | 0 | 4 | 0.000103 |
| 873 | o[fptk]c + e0-4dy | [yo]ke4o[dlrsmg] | 554 | 584 | 0.000103 | -0.000111 | 4 | 0 | 4 | 0.000103 |
| 874 | otar variants | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 345 | 222 | 0.000103 | 0.000052 | 4 | 0 | 4 | 0.000103 |
| 875 | dai4n | [yo]c + e4dy | 1140 | 110 | 0.000103 | 0.000020 | 4 | 0 | 4 | 0.000103 |
| 876 | otar variants | od endings | 345 | 243 | 0.000103 | 0.000047 | 4 | 0 | 4 | 0.000103 |
| 877 | [yo]kai0-4n | okc + e4o | 1067 | 49 | 0.000103 | 0.000068 | 4 | 0 | 4 | 0.000103 |
| 878 | cean verbs | o[fptk]e4dy | 213 | 1444 | 0.000103 | -0.000100 | 4 | 0 | 4 | 0.000103 |
| 879 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ory | o[fptk]c + e0-4y | 28 | 753 | 0.000103 | 0.000089 | 4 | 0 | 4 | 0.000103 |
| 880 | do | o[lr]a | 383 | 469 | 0.000103 | -0.000016 | 4 | 0 | 4 | 0.000103 |
| 881 | o[lr][yo] | cse0-4s | 583 | 102 | 0.000103 | 0.000064 | 4 | 0 | 4 | 0.000103 |
| 882 | [fptk]ai4n | eka | 191 | 191 | 0.000103 | 0.000079 | 4 | 0 | 4 | 0.000103 |
| 883 | y + Non-[dlrs] Prefixes | [dlrsmg] + c \| c[s \| fptk] + e4dy | 205 | 327 | 0.000103 | 0.000059 | 4 | 0 | 4 | 0.000103 |
| 884 | y + Non-[dlrs] Prefixes | cse4o | 205 | 205 | 0.000103 | 0.000075 | 4 | 0 | 4 | 0.000103 |
| 885 | od[ao]i0-4m | ed[yoa] | 34 | 5851 | 0.000103 | -0.000029 | 4 | 0 | 4 | 0.000103 |
| 886 | ce4o | ai4l | 160 | 306 | 0.000103 | 0.000070 | 4 | 0 | 4 | 0.000103 |
| 887 | cte4y | [yo]te4o[dlrsmg] | 186 | 341 | 0.000103 | 0.000061 | 4 | 0 | 4 | 0.000103 |
| 888 | cte4y | [dlrsmg]e0-4y | 186 | 453 | 0.000103 | 0.000047 | 4 | 0 | 4 | 0.000103 |
| 889 | cte4y | [yo][fptk]e4ol | 186 | 322 | 0.000103 | 0.000063 | 4 | 0 | 4 | 0.000103 |
| 890 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | ykai0-4n | 733 | 73 | 0.000103 | 0.000067 | 4 | 0 | 4 | 0.000103 |
| 891 | oke4dy | okam variants | 933 | 76 | 0.000103 | 0.000056 | 4 | 0 | 4 | 0.000103 |
| 892 | opc + e0-4 + y \| dy \| o[dlrs]y | l[drs] Prefixes | 302 | 95 | 0.000103 | 0.000084 | 4 | 0 | 4 | 0.000103 |
| 893 | kc-initial | otar variants | 322 | 345 | 0.000103 | 0.000029 | 4 | 0 | 4 | 0.000103 |
| 894 | okc + e0-4 + y \| dy \| o[dlrs]y | okc + e4o | 563 | 49 | 0.000103 | 0.000085 | 4 | 0 | 4 | 0.000103 |
| 895 | od endings | otol variants | 243 | 239 | 0.000103 | 0.000064 | 4 | 0 | 4 | 0.000103 |
| 896 | kc-initial | okar variants | 322 | 493 | 0.000103 | -0.000002 | 4 | 0 | 4 | 0.000103 |
| 897 | c-sequence + e4 + [fptk] + c-sequence + e4 + y | [dlrsmg] + ai4[lr] + y-suffix | 84 | 1035 | 0.000103 | 0.000045 | 4 | 0 | 4 | 0.000103 |
| 898 | ety | yodai0-4[lrm \| n] | 93 | 832 | 0.000103 | 0.000052 | 4 | 0 | 4 | 0.000103 |
| 899 | ety | od[ao]i0-4[lrm \| n] | 93 | 813 | 0.000103 | 0.000053 | 4 | 0 | 4 | 0.000103 |
| 900 | ety | ote0-4y | 93 | 731 | 0.000103 | 0.000058 | 4 | 0 | 4 | 0.000103 |
| 901 | ety | y-initial | 93 | 1926 | 0.000103 | -0.000015 | 4 | 0 | 4 | 0.000103 |
| 902 | ety | odai0-4[lrm \| n] | 93 | 767 | 0.000103 | 0.000056 | 4 | 0 | 4 | 0.000103 |
| 903 | ety | [yo]d[ao]i0-4[lrm \| n] | 93 | 880 | 0.000103 | 0.000049 | 4 | 0 | 4 | 0.000103 |
| 904 | ai4r | g | 483 | 132 | 0.000103 | 0.000061 | 4 | 0 | 4 | 0.000103 |
| 905 | ai4r | y + Non-[dlrs] Prefixes | 483 | 205 | 0.000103 | 0.000037 | 4 | 0 | 4 | 0.000103 |
| 906 | otce0-4y | o[fptk]ody | 281 | 85 | 0.000103 | 0.000087 | 4 | 0 | 4 | 0.000103 |
| 907 | [yo]c[fp] | a-axis of [yo][fptk][ao][lr] | 62 | 1731 | 0.000103 | 0.000032 | 4 | 0 | 4 | 0.000103 |
| 908 | od[ao]i0-4[lrm \| n] | c[fptk]c polygraph | 813 | 99 | 0.000103 | 0.000050 | 4 | 0 | 4 | 0.000103 |
| 909 | ai4[dlrsmg] | ety | 930 | 93 | 0.000103 | 0.000046 | 4 | 0 | 4 | 0.000103 |
| 910 | [yo]te4o[dlrsmg] | [yo]ke4o | 341 | 89 | 0.000103 | 0.000083 | 4 | 0 | 4 | 0.000103 |
| 911 | o[fptk]d | c \| c[s \| fptk] + e4dy | 38 | 1395 | 0.000103 | 0.000068 | 4 | 0 | 4 | 0.000103 |
| 912 | cse0-4s | ote0-4y | 102 | 731 | 0.000103 | 0.000054 | 4 | 0 | 4 | 0.000103 |
| 913 | okc + e0-4 + y \| dy \| o[dlrs]y | opai0-4n | 563 | 29 | 0.000103 | 0.000092 | 4 | 0 | 4 | 0.000103 |
| 914 | otce0-4y | ke4o | 281 | 137 | 0.000103 | 0.000077 | 4 | 0 | 4 | 0.000103 |
| 915 | cedai4[lrsm \| n] | odai0-4l | 527 | 133 | 0.000103 | 0.000057 | 4 | 0 | 4 | 0.000103 |
| 916 | om + o[fptk \| dlrsmg]am | od endings + odcey relatives | 454 | 275 | 0.000103 | 0.000020 | 4 | 0 | 4 | 0.000103 |
| 917 | oi | c-sequence + e4 + [fptk] + c-sequence + e4 + y | 304 | 84 | 0.000103 | 0.000086 | 4 | 0 | 4 | 0.000103 |
| 918 | ai4[dlrsmg] | yce4y + s infixes | 930 | 82 | 0.000103 | 0.000052 | 4 | 0 | 4 | 0.000103 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 919 | otal variants | [yo]ce4y + s infixes | 333 | 172 | 0.000103 | 0.000065 | 4 | 0 | 4 | 0.000103 |
| 920 | ke4dy | o[fptk \| dlrsmg][ao]m | 217 | 280 | 0.000103 | 0.000063 | 4 | 0 | 4 | 0.000103 |
| 921 | ke4dy | om + o[fptk \| dlrsmg]am | 217 | 454 | 0.000103 | 0.000038 | 4 | 0 | 4 | 0.000103 |
| 922 | opc + e0-4 + y \| dy \| o[dlrs]y | oly | 302 | 222 | 0.000103 | 0.000059 | 4 | 0 | 4 | 0.000103 |
| 923 | opc + e0-4 + y \| dy \| o[dlrs]y | otce0-4y | 302 | 281 | 0.000103 | 0.000047 | 4 | 0 | 4 | 0.000103 |
| 924 | otal variants | yce4y + s infixes | 333 | 82 | 0.000103 | 0.000085 | 4 | 0 | 4 | 0.000103 |
| 925 | l[fptk] Prefixes | or[oa] | 514 | 340 | 0.000103 | -0.000013 | 4 | 0 | 4 | 0.000103 |
| 926 | l[fptk] Prefixes | ora | 514 | 241 | 0.000103 | 0.000021 | 4 | 0 | 4 | 0.000103 |
| 927 | otam variants | [ao][lr][ao][lr] Pipe/Flow | 88 | 843 | 0.000103 | 0.000054 | 4 | 0 | 4 | 0.000103 |
| 928 | [dlrsmg]ai4[lr] | oro | 875 | 102 | 0.000103 | 0.000044 | 4 | 0 | 4 | 0.000103 |
| 929 | oda | opce0-4y | 847 | 111 | 0.000103 | 0.000041 | 4 | 0 | 4 | 0.000103 |
| 930 | [yo]te4o | dai4n | 49 | 1140 | 0.000103 | 0.000066 | 4 | 0 | 4 | 0.000103 |
| 931 | l-prefix + [fptk]e0-4y | eda | 80 | 784 | 0.000103 | 0.000061 | 4 | 0 | 4 | 0.000103 |
| 932 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | cean verbs | 519 | 213 | 0.000103 | 0.000030 | 4 | 0 | 4 | 0.000103 |
| 933 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | opai0-4n | 1227 | 26 | 0.000103 | 0.000082 | 4 | 0 | 4 | 0.000103 |
| 934 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | opai0-4n | 1227 | 29 | 0.000103 | 0.000079 | 4 | 0 | 4 | 0.000103 |
| 935 | cear verbs | eky | 303 | 217 | 0.000103 | 0.000059 | 4 | 0 | 4 | 0.000103 |
| 936 | cear verbs | o[lr]o | 303 | 274 | 0.000103 | 0.000048 | 4 | 0 | 4 | 0.000103 |
| 937 | yc + e4ol | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 34 | 1227 | 0.000103 | 0.000075 | 4 | 0 | 4 | 0.000103 |
| 938 | [yo]tai0-4n | [yo]c + e4o Superclass | 490 | 345 | 0.000103 | -0.000009 | 4 | 0 | 4 | 0.000103 |
| 939 | [yo]tai0-4n | a[dlrsmg]am | 490 | 92 | 0.000103 | 0.000073 | 4 | 0 | 4 | 0.000103 |
| 940 | [dlrsmg \| fptk]e0-4y | oe sans oy + oe4y, oe0-4s | 735 | 317 | 0.000103 | -0.000051 | 4 | 0 | 4 | 0.000103 |
| 941 | [dlrsmg \| fptk]e0-4y | pc-initial | 735 | 307 | 0.000103 | -0.000046 | 4 | 0 | 4 | 0.000103 |
| 942 | c[fptk]e4o-initial & c[fptk]e4y Superclass | a[dlrsmg]am | 1659 | 92 | 0.000103 | 0.000002 | 4 | 0 | 4 | 0.000103 |
| 943 | y[fptk]-initial | od[fptk \| dlrsmg] | 1295 | 38 | 0.000103 | 0.000070 | 4 | 0 | 4 | 0.000103 |
| 944 | cear verbs | opc + e0-4 + y \| dy \| o[dlrs]y | 303 | 302 | 0.000103 | 0.000042 | 4 | 0 | 4 | 0.000103 |
| 945 | [dlrsmg \| fptk]e0-4y | ory | 735 | 108 | 0.000103 | 0.000050 | 4 | 0 | 4 | 0.000103 |
| 946 | ory | tc-initial | 108 | 345 | 0.000103 | 0.000078 | 4 | 0 | 4 | 0.000103 |
| 947 | oe sans oy + oe4y, oe0-4s | ol[yo] | 317 | 388 | 0.000103 | 0.000022 | 4 | 0 | 4 | 0.000103 |
| 948 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | opc + e0-4 + y \| dy \| o[dlrs]y | 519 | 302 | 0.000103 | -0.000001 | 4 | 0 | 4 | 0.000103 |
| 949 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | oo | 519 | 62 | 0.000103 | 0.000082 | 4 | 0 | 4 | 0.000103 |
| 950 | [fp]c-Initial | o[fptk \| dlrsmg][ao]m | 387 | 280 | 0.000103 | 0.000031 | 4 | 0 | 4 | 0.000103 |
| 951 | [fp]c-Initial | om + o[fptk \| dlrsmg]am | 387 | 454 | 0.000103 | -0.000013 | 4 | 0 | 4 | 0.000103 |
| 952 | [fp]c-Initial | et[yoa] | 387 | 186 | 0.000103 | 0.000055 | 4 | 0 | 4 | 0.000103 |
| 953 | ke4o | sai4n | 137 | 258 | 0.000103 | 0.000079 | 4 | 0 | 4 | 0.000103 |
| 954 | [fp]c-Initial | o[fptk]eda[lrsm \| n] | 387 | 184 | 0.000103 | 0.000056 | 4 | 0 | 4 | 0.000103 |
| 955 | ke4o | [yo]d[ao]i0-4[lrm \| n] | 137 | 880 | 0.000103 | 0.000023 | 4 | 0 | 4 | 0.000103 |
| 956 | ce4dy | Consonant Clusters | 755 | 115 | 0.000103 | 0.000045 | 4 | 0 | 4 | 0.000103 |
| 957 | okce0-4y | okc + e4o | 338 | 49 | 0.000103 | 0.000092 | 4 | 0 | 4 | 0.000103 |
| 958 | odai0-4[lr] | g | 326 | 132 | 0.000103 | 0.000074 | 4 | 0 | 4 | 0.000103 |
| 959 | [yo][fptk]e4od + y | okce0-4y | 284 | 338 | 0.000103 | 0.000039 | 4 | 0 | 4 | 0.000103 |
| 960 | [yo]c[s \| fptk]e4y | opc + e0-4 + y \| dy \| o[dlrs]y | 353 | 302 | 0.000103 | 0.000032 | 4 | 0 | 4 | 0.000103 |
| 961 | otc + e0-4 + y \| dy \| o[dlrs]y | [tk]y | 493 | 52 | 0.000103 | 0.000086 | 4 | 0 | 4 | 0.000103 |
| 962 | otc + e0-4 + y \| dy \| o[dlrs]y | [dlrsmg] + c \| c[s \| fptk] + e4o | 493 | 49 | 0.000103 | 0.000087 | 4 | 0 | 4 | 0.000103 |
| 963 | otc + e0-4 + y \| dy \| o[dlrs]y | [yo]ke4od | 493 | 207 | 0.000103 | 0.000035 | 4 | 0 | 4 | 0.000103 |
| 964 | odai0-4[lrm \| n] | c[fptk]c polygraph | 767 | 99 | 0.000103 | 0.000053 | 4 | 0 | 4 | 0.000103 |
| 965 | y[fptk]-initial | oce4y | 1295 | 60 | 0.000103 | 0.000051 | 4 | 0 | 4 | 0.000103 |
| 966 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | o[dlrs]ce4y Superset | 503 | 196 | 0.000103 | 0.000038 | 4 | 0 | 4 | 0.000103 |
| 967 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | ece Adjective | 503 | 69 | 0.000103 | 0.000080 | 4 | 0 | 4 | 0.000103 |
| 968 | [yo]ke4ol | ce4o | 223 | 160 | 0.000103 | 0.000079 | 4 | 0 | 4 | 0.000103 |
| 969 | [yo]ke4ol | oi4[dlrsmg \| n] | 223 | 1124 | 0.000103 | -0.000063 | 4 | 0 | 4 | 0.000103 |
| 970 | [fp]c-Initial | otce0-4dy | 387 | 172 | 0.000103 | 0.000059 | 4 | 0 | 4 | 0.000103 |
| 971 | ai4n | ocke4y | 589 | 162 | 0.000103 | 0.000040 | 4 | 0 | 4 | 0.000103 |
| 972 | [tk]c-Initial | cedar variants | 667 | 176 | 0.000103 | 0.000025 | 4 | 0 | 4 | 0.000103 |
| 973 | [tk]c-Initial | ceal verbs | 667 | 230 | 0.000103 | 0.000002 | 4 | 0 | 4 | 0.000103 |
| 974 | pc-initial | ol[yo] | 307 | 388 | 0.000103 | 0.000024 | 4 | 0 | 4 | 0.000103 |
| 975 | pc-initial | [yo]fo | 307 | 25 | 0.000103 | 0.000098 | 4 | 0 | 4 | 0.000103 |
| 976 | pc-initial | od[ao]i0-4r | 307 | 215 | 0.000103 | 0.000059 | 4 | 0 | 4 | 0.000103 |
| 977 | pc-initial | yodai0-4r | 307 | 205 | 0.000103 | 0.000061 | 4 | 0 | 4 | 0.000103 |
| 978 | pc-initial | otai0-4n | 307 | 430 | 0.000103 | 0.000016 | 4 | 0 | 4 | 0.000103 |
| 979 | [yo]cse4y | [q \| fptk \| dlrsmg] + oi0-4[lr] | 57 | 1819 | 0.000103 | 0.000034 | 4 | 0 | 4 | 0.000103 |
| 980 | [yo]cse4y | c[s \| fptk]e4y | 57 | 887 | 0.000103 | 0.000069 | 4 | 0 | 4 | 0.000103 |
| 981 | [yo]cse4y | c + c[s \| fptk]e4y | 57 | 1624 | 0.000103 | 0.000042 | 4 | 0 | 4 | 0.000103 |
| 982 | okce0-4y | opai0-4n | 338 | 26 | 0.000103 | 0.000097 | 4 | 0 | 4 | 0.000103 |
| 983 | okce0-4y | opai0-4n | 338 | 29 | 0.000103 | 0.000096 | 4 | 0 | 4 | 0.000103 |
| 984 | cear variants | eky | 365 | 217 | 0.000103 | 0.000050 | 4 | 0 | 4 | 0.000103 |
| 985 | pc-initial | odai0-4r | 307 | 193 | 0.000103 | 0.000064 | 4 | 0 | 4 | 0.000103 |
| 986 | pc-initial | ofc + e4 + y \| dy \| o + [lr] Superset | 307 | 75 | 0.000103 | 0.000088 | 4 | 0 | 4 | 0.000103 |
| 987 | pc-initial | [yo]po | 307 | 70 | 0.000103 | 0.000089 | 4 | 0 | 4 | 0.000103 |
| 988 | pc-initial | [yo]d[ao]i0-4r | 307 | 228 | 0.000103 | 0.000057 | 4 | 0 | 4 | 0.000103 |
| 989 | ko | or[yo] | 179 | 200 | 0.000103 | 0.000079 | 4 | 0 | 4 | 0.000103 |
| 990 | ol[tk] | o[fptk]ce4[lrsmg] | 621 | 57 | 0.000103 | 0.000079 | 4 | 0 | 4 | 0.000103 |
| 991 | o[tk][ao]s | oe0-4s | 58 | 632 | 0.000103 | 0.000079 | 4 | 0 | 4 | 0.000103 |
| 992 | ai4l | o[dlrs]ce4y Superset | 306 | 196 | 0.000103 | 0.000063 | 4 | 0 | 4 | 0.000103 |
| 993 | ai4l | olcey relatives (non -edy) | 306 | 138 | 0.000103 | 0.000075 | 4 | 0 | 4 | 0.000103 |
| 994 | ai4l | om + o[fptk \| dlrsmg]am | 306 | 454 | 0.000103 | 0.000011 | 4 | 0 | 4 | 0.000103 |
| 995 | c[s \| fptk]e4dy | o[lr]y | 622 | 318 | 0.000103 | -0.000028 | 4 | 0 | 4 | 0.000103 |
| 996 | o[fptk]e4dy | om | 1444 | 203 | 0.000103 | -0.000091 | 4 | 0 | 4 | 0.000103 |
| 997 | eka | cectey relatives | 191 | 197 | 0.000103 | 0.000078 | 4 | 0 | 4 | 0.000103 |
| 998 | od[ao]i0-4[lr] | [yo][fp]a | 369 | 200 | 0.000103 | 0.000054 | 4 | 0 | 4 | 0.000103 |
| 999 | [yo][fptk]e4od | [yo][fp]ai0-4[rn] | 355 | 111 | 0.000103 | 0.000077 | 4 | 0 | 4 | 0.000103 |
| 1000 | [yo][fptk]e4od | ola | 355 | 228 | 0.000103 | 0.000049 | 4 | 0 | 4 | 0.000103 |
| 1001 | [yo][fptk]e4od | opai0-4n | 355 | 29 | 0.000103 | 0.000096 | 4 | 0 | 4 | 0.000103 |
| 1002 | cpe4[yo] | ai0-4[dlrsmg][dlrsmg] | 94 | 214 | 0.000103 | 0.000089 | 4 | 0 | 4 | 0.000103 |
| 1003 | [tk]c-Initial | cpeo-initial | 667 | 67 | 0.000103 | 0.000073 | 4 | 0 | 4 | 0.000103 |
| 1004 | dcedy relatives | [yo]kai0-4n | 85 | 1067 | 0.000103 | 0.000043 | 4 | 0 | 4 | 0.000103 |
| 1005 | dcedy relatives | okai0-4n | 85 | 994 | 0.000103 | 0.000047 | 4 | 0 | 4 | 0.000103 |
| 1006 | dcedy relatives | [tk]e4dy | 85 | 309 | 0.000103 | 0.000085 | 4 | 0 | 4 | 0.000103 |
| 1007 | opc + e4ol | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 31 | 3168 | 0.000103 | 0.000038 | 4 | 0 | 4 | 0.000103 |
| 1008 | okc + e4o | kc-initial | 49 | 322 | 0.000103 | 0.000092 | 4 | 0 | 4 | 0.000103 |
| 1009 | okc + e4o | [q \| fptk \| dlrsmg] + oi0-4[lr] | 49 | 1819 | 0.000103 | 0.000044 | 4 | 0 | 4 | 0.000103 |
| 1010 | oc[fpt]e4y | opc + e0-4 + y \| dy \| o[dlrs]y | 132 | 302 | 0.000103 | 0.000076 | 4 | 0 | 4 | 0.000103 |
| 1011 | cke4[yo] | edy | 172 | 4981 | 0.000103 | -0.000463 | 4 | 0 | 4 | 0.000103 |
| 1012 | cedar variants | edo | 176 | 90 | 0.000103 | 0.000092 | 4 | 0 | 4 | 0.000103 |
| 1013 | oly | otal variants | 222 | 333 | 0.000103 | 0.000054 | 4 | 0 | 4 | 0.000103 |
| 1014 | o[lr][oa] | [yo][fp]y | 735 | 44 | 0.000103 | 0.000081 | 4 | 0 | 4 | 0.000103 |
| 1015 | o[lr][oa] | [yo]py | 735 | 33 | 0.000103 | 0.000087 | 4 | 0 | 4 | 0.000103 |
| 1016 | o[lr][oa] | otce0-4dy | 735 | 172 | 0.000103 | 0.000019 | 4 | 0 | 4 | 0.000103 |
| 1017 | oc[fptk]e4y | o[fptk]c + e0-4dy | 289 | 554 | 0.000103 | -0.000003 | 4 | 0 | 4 | 0.000103 |
| 1018 | [dlrsmg]ai4[lr] | cse0-4s | 875 | 102 | 0.000103 | 0.000044 | 4 | 0 | 4 | 0.000103 |
| 1019 | [yo][fptk]e4o[dlrsmg] | opai0-4n | 924 | 26 | 0.000103 | 0.000087 | 4 | 0 | 4 | 0.000103 |
| 1020 | [yo][fptk]e4o[dlrsmg] | opai0-4n | 924 | 29 | 0.000103 | 0.000085 | 4 | 0 | 4 | 0.000103 |
| 1021 | [yo][fptk]e4o[dlrsmg] | [yo][fptk]e4o | 924 | 88 | 0.000103 | 0.000049 | 4 | 0 | 4 | 0.000103 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1022 | [yo][fptk\| dlrsmg] + c \| cs + e4o | o-axis of [yo][fptk][ao][lr] | 113 | 764 | 0.000103 | 0.000046 | 4 | 0 | 4 | 0.000103 |
| 1023 | o[tk]e0-4y | [yo][fp]y | 2042 | 44 | 0.000103 | 0.000043 | 4 | 0 | 4 | 0.000103 |
| 1024 | rc-initial | [yo][fptk][ao][lr] | 76 | 2688 | 0.000103 | -0.000032 | 4 | 0 | 4 | 0.000103 |
| 1025 | [dlrsmg] + ai4[lr] + y-suffix | cse0-4s | 1035 | 102 | 0.000103 | 0.000033 | 4 | 0 | 4 | 0.000103 |
| 1026 | [yo]fa | [dlrsmg] + ai4[lr] + y-suffix | 59 | 1035 | 0.000103 | 0.000062 | 4 | 0 | 4 | 0.000103 |
| 1027 | [yo]d[ao]i0-4[lr] | ckeo-initial | 393 | 79 | 0.000103 | 0.000082 | 4 | 0 | 4 | 0.000103 |
| 1028 | [yo]d[ao]i0-4[lr] | [yo][fp]a | 393 | 200 | 0.000103 | 0.000051 | 4 | 0 | 4 | 0.000103 |
| 1029 | cse4o | cean variants | 205 | 255 | 0.000103 | 0.000068 | 4 | 0 | 4 | 0.000103 |
| 1030 | cse4o | cean verbs | 205 | 213 | 0.000103 | 0.000074 | 4 | 0 | 4 | 0.000103 |
| 1031 | [fptk]ai4[dlrsmg \| n] | yodai0-4n | 411 | 448 | 0.000103 | -0.000019 | 4 | 0 | 4 | 0.000103 |
| 1032 | [fptk]ai4[dlrsmg \| n] | odai0-4n | 411 | 408 | 0.000103 | -0.000008 | 4 | 0 | 4 | 0.000103 |
| 1033 | [fptk]ai4[dlrsmg \| n] | [yo]d[ao]i0-4n | 411 | 450 | 0.000103 | -0.000019 | 4 | 0 | 4 | 0.000103 |
| 1034 | [fptk]ai4[dlrsmg \| n] | oe0-4s | 411 | 632 | 0.000103 | -0.000069 | 4 | 0 | 4 | 0.000103 |
| 1035 | [fptk]ai4[dlrsmg \| n] | od[ao]i0-4n | 411 | 410 | 0.000103 | -0.000008 | 4 | 0 | 4 | 0.000103 |
| 1036 | [fptk]ai4[dlrsmg \| n] | cteo-initial | 411 | 220 | 0.000103 | 0.000043 | 4 | 0 | 4 | 0.000103 |
| 1037 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | otod variants | 2060 | 88 | 0.000103 | -0.000017 | 4 | 0 | 4 | 0.000103 |
| 1038 | oc[fpt]e4y | oa | 132 | 321 | 0.000103 | 0.000075 | 4 | 0 | 4 | 0.000103 |
| 1039 | oc[s \| fptk]e4y | opc + e0-4 + y \| dy \| o[dlrs]y | 319 | 302 | 0.000103 | 0.000039 | 4 | 0 | 4 | 0.000103 |
| 1040 | te4o | eda | 75 | 784 | 0.000103 | 0.000064 | 4 | 0 | 4 | 0.000103 |
| 1041 | te4o | ce4a | 75 | 1009 | 0.000103 | 0.000053 | 4 | 0 | 4 | 0.000103 |
| 1042 | otam variants | [yo]c + e4o Superclass | 88 | 345 | 0.000103 | 0.000083 | 4 | 0 | 4 | 0.000103 |
| 1043 | yc + e4o | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 38 | 503 | 0.000103 | 0.000090 | 4 | 0 | 4 | 0.000103 |
| 1044 | opai0-4n | oi4[dlrsmg \| n] | 29 | 1124 | 0.000103 | 0.000081 | 4 | 0 | 4 | 0.000103 |
| 1045 | olk | rc-initial | 557 | 76 | 0.000103 | 0.000075 | 4 | 0 | 4 | 0.000103 |
| 1046 | olk | [sr]c-Initial | 557 | 179 | 0.000103 | 0.000037 | 4 | 0 | 4 | 0.000103 |
| 1047 | rai4n | [dlrsmg \| fptk] + ai4n | 115 | 1724 | 0.000103 | -0.000028 | 4 | 0 | 4 | 0.000103 |
| 1048 | opce0-4dy | [dlrsmg] + c \| c[s \| fptk] + e4dy | 159 | 327 | 0.000103 | 0.000068 | 4 | 0 | 4 | 0.000103 |
| 1049 | ce0-4s | cear variants | 165 | 365 | 0.000103 | 0.000063 | 4 | 0 | 4 | 0.000103 |
| 1050 | ce0-4s | cear verbs | 165 | 303 | 0.000103 | 0.000070 | 4 | 0 | 4 | 0.000103 |
| 1051 | cse4o | ce4ai4n | 205 | 271 | 0.000103 | 0.000066 | 4 | 0 | 4 | 0.000103 |
| 1052 | rai4n | [yo]kai0-4n | 115 | 1067 | 0.000103 | 0.000022 | 4 | 0 | 4 | 0.000103 |
| 1053 | rai4n | o[lr]a | 115 | 469 | 0.000103 | 0.000067 | 4 | 0 | 4 | 0.000103 |
| 1054 | oo + oe4o | ocke4y | 133 | 162 | 0.000103 | 0.000089 | 4 | 0 | 4 | 0.000103 |
| 1055 | ocke4y | oly | 162 | 222 | 0.000103 | 0.000079 | 4 | 0 | 4 | 0.000103 |
| 1056 | ocke4y | o[lr]y | 162 | 318 | 0.000103 | 0.000069 | 4 | 0 | 4 | 0.000103 |
| 1057 | [yo][fptk]e4or | [dlrsmg] + ai4[lr] + y-suffix | 127 | 1035 | 0.000103 | 0.000016 | 4 | 0 | 4 | 0.000103 |
| 1058 | [yo][fptk]e4or | [dlrsmg]ai4[lr] | 127 | 875 | 0.000103 | 0.000029 | 4 | 0 | 4 | 0.000103 |
| 1059 | [yo][fptk]e4or | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 127 | 503 | 0.000103 | 0.000061 | 4 | 0 | 4 | 0.000103 |
| 1060 | [yo][fptk]e4or | [dlrsmg \| fptk] + ai4[dlrsmg] | 127 | 1444 | 0.000103 | -0.000018 | 4 | 0 | 4 | 0.000103 |
| 1061 | [yo][fptk][ao][lr] | dl Consonant clusters | 2688 | 79 | 0.000103 | -0.000037 | 4 | 0 | 4 | 0.000103 |
| 1062 | oy | ke4o | 141 | 137 | 0.000103 | 0.000090 | 4 | 0 | 4 | 0.000103 |
| 1063 | sc-initial | [yo]ke4o[dlrsmg] | 103 | 584 | 0.000103 | 0.000063 | 4 | 0 | 4 | 0.000103 |
| 1064 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | yc + e4or | 3168 | 34 | 0.000103 | 0.000032 | 4 | 0 | 4 | 0.000103 |
| 1065 | [yo][fptk]e4o | c[fptk]e4o-initial & c[fptk]e4y Superclass | 88 | 1659 | 0.000103 | 0.000006 | 4 | 0 | 4 | 0.000103 |
| 1066 | ocse4y | c[fptk]e4o-initial & c[fptk]e4y Superclass | 30 | 1659 | 0.000103 | 0.000070 | 4 | 0 | 4 | 0.000103 |
| 1067 | ote0-4y | otc + e4or | 731 | 58 | 0.000103 | 0.000075 | 4 | 0 | 4 | 0.000103 |
| 1068 | ote0-4y | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 731 | 186 | 0.000103 | 0.000013 | 4 | 0 | 4 | 0.000103 |
| 1069 | ote0-4y | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4oly | 731 | 44 | 0.000103 | 0.000082 | 4 | 0 | 4 | 0.000103 |
| 1070 | ote0-4y | [yo]te4ol | 731 | 99 | 0.000103 | 0.000055 | 4 | 0 | 4 | 0.000103 |
| 1071 | o[fptk]ai4n | o[fptk][dlrsmg] | 1598 | 68 | 0.000103 | 0.000031 | 4 | 0 | 4 | 0.000103 |
| 1072 | ote0-4y | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 731 | 230 | 0.000103 | -0.000008 | 4 | 0 | 4 | 0.000103 |
| 1073 | o[lr][yoa] | [yo][fp]y | 1044 | 44 | 0.000103 | 0.000072 | 4 | 0 | 4 | 0.000103 |
| 1074 | o[lr][yoa] | [yo]py | 1044 | 33 | 0.000103 | 0.000080 | 4 | 0 | 4 | 0.000103 |
| 1075 | [yo]ke4od | ol[ds] | 207 | 315 | 0.000103 | 0.000060 | 4 | 0 | 4 | 0.000103 |
| 1076 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | a[dlrsmg]am | 1421 | 92 | 0.000103 | 0.000016 | 4 | 0 | 4 | 0.000103 |
| 1077 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | Double c-Sequence Nouns | 1421 | 53 | 0.000103 | 0.000053 | 4 | 0 | 4 | 0.000103 |
| 1078 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | y + Non-[dlrs] Prefixes | 230 | 205 | 0.000103 | 0.000072 | 4 | 0 | 4 | 0.000103 |
| 1079 | [yo]te4od | ol[oa] | 149 | 401 | 0.000103 | 0.000063 | 4 | 0 | 4 | 0.000103 |
| 1080 | cedaiin variants | otar variants | 189 | 345 | 0.000103 | 0.000060 | 4 | 0 | 4 | 0.000103 |
| 1081 | cedaiin variants | yodai0-4l | 189 | 143 | 0.000103 | 0.000085 | 4 | 0 | 4 | 0.000103 |
| 1082 | cedaiin variants | oce4y + infixed versions | 189 | 379 | 0.000103 | 0.000055 | 4 | 0 | 4 | 0.000103 |
| 1083 | cedaiin variants | [yo]c[fptk]e4y | 189 | 294 | 0.000103 | 0.000066 | 4 | 0 | 4 | 0.000103 |
| 1084 | cedaiin variants | [yo]d[ao]i0-4l | 189 | 165 | 0.000103 | 0.000082 | 4 | 0 | 4 | 0.000103 |
| 1085 | cedaiin variants | oc[s \| fptk]e4y | 189 | 319 | 0.000103 | 0.000063 | 4 | 0 | 4 | 0.000103 |
| 1086 | cedaiin variants | [yo]c[s \| fptk]e4y | 189 | 353 | 0.000103 | 0.000059 | 4 | 0 | 4 | 0.000103 |
| 1087 | cedaiin variants | od[ao]i0-4l | 189 | 154 | 0.000103 | 0.000084 | 4 | 0 | 4 | 0.000103 |
| 1088 | cedaiin variants | odai0-4l | 189 | 133 | 0.000103 | 0.000086 | 4 | 0 | 4 | 0.000103 |
| 1089 | cedaiin variants | [yo]ce4y + infixed versions | 189 | 466 | 0.000103 | 0.000045 | 4 | 0 | 4 | 0.000103 |
| 1090 | cedaiin variants | oc[fptk]e4y | 189 | 289 | 0.000103 | 0.000067 | 4 | 0 | 4 | 0.000103 |
| 1091 | [yo][fp][yoa] | [dlrsmg] + ai4r | 339 | 190 | 0.000103 | 0.000060 | 4 | 0 | 4 | 0.000103 |
| 1092 | [yo][fp][yoa] | ai0-4[dlrsmg][dlrsmg] | 339 | 214 | 0.000103 | 0.000055 | 4 | 0 | 4 | 0.000103 |
| 1093 | o[lr][oa] | ece polygraph | 735 | 219 | 0.000103 | -0.000003 | 4 | 0 | 4 | 0.000103 |
| 1094 | [ao][lr][ao][lr] Pipe/Flow | fc-initial | 843 | 80 | 0.000103 | 0.000058 | 4 | 0 | 4 | 0.000103 |
| 1095 | ydai0-4[lrm \| n] | o[tk]e0-4y | 65 | 2042 | 0.000103 | 0.000015 | 4 | 0 | 4 | 0.000103 |
| 1096 | ydai0-4[lrm \| n] | oke0-4y | 65 | 1314 | 0.000103 | 0.000046 | 4 | 0 | 4 | 0.000103 |
| 1097 | c[fptk]e4y | [yo]ke4ol | 310 | 223 | 0.000103 | 0.000057 | 4 | 0 | 4 | 0.000103 |
| 1098 | c[fptk]e4y | [yo]te4o[lr] | 310 | 130 | 0.000103 | 0.000076 | 4 | 0 | 4 | 0.000103 |
| 1099 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | ote4dy | 230 | 509 | 0.000103 | 0.000025 | 4 | 0 | 4 | 0.000103 |
| 1100 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | [yo]tai0-4n | 230 | 490 | 0.000103 | 0.000028 | 4 | 0 | 4 | 0.000103 |
| 1101 | [yo]c[fptk]e4y | opc + e0-4 + y \| dy \| o[dlrs]y | 294 | 302 | 0.000103 | 0.000044 | 4 | 0 | 4 | 0.000103 |
| 1102 | [tk]e4o | sai4n | 206 | 258 | 0.000103 | 0.000068 | 4 | 0 | 4 | 0.000103 |
| 1103 | [yo]d[ao]i0-4[lr] | g | 393 | 132 | 0.000103 | 0.000069 | 4 | 0 | 4 | 0.000103 |
| 1104 | od[ao]i0-4n | otal variants | 410 | 333 | 0.000103 | 0.000013 | 4 | 0 | 4 | 0.000103 |
| 1105 | od[ao]i0-4n | ek[yo] | 410 | 255 | 0.000103 | 0.000034 | 4 | 0 | 4 | 0.000103 |
| 1106 | okc + e4ol | [tk]c-Initial | 55 | 667 | 0.000103 | 0.000079 | 4 | 0 | 4 | 0.000103 |
| 1107 | ceckey relatives | [yo]ce4y + infixed versions | 377 | 466 | 0.000103 | -0.000013 | 4 | 0 | 4 | 0.000103 |
| 1108 | ceckey relatives | dairol/soral relatives | 377 | 190 | 0.000103 | 0.000055 | 4 | 0 | 4 | 0.000103 |
| 1109 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | [yo]ke4o | 1421 | 89 | 0.000103 | 0.000019 | 4 | 0 | 4 | 0.000103 |
| 1110 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | o[tk][lr] | 1421 | 28 | 0.000103 | 0.000077 | 4 | 0 | 4 | 0.000103 |
| 1111 | ol + c \| cs + e4o[lr] | ed[yoa] | 34 | 5851 | 0.000103 | -0.000029 | 4 | 0 | 4 | 0.000103 |
| 1112 | oo + oe4o | oy + oe4y | 133 | 207 | 0.000103 | 0.000085 | 4 | 0 | 4 | 0.000103 |
| 1113 | yodai0-4n | cpe4[yo] | 448 | 94 | 0.000103 | 0.000075 | 4 | 0 | 4 | 0.000103 |
| 1114 | cse4y | o[fptk]eda[lrsm \| n] | 578 | 184 | 0.000103 | 0.000033 | 4 | 0 | 4 | 0.000103 |
| 1115 | y-initial | od[fptk \| dlrsmg] | 1926 | 38 | 0.000103 | 0.000054 | 4 | 0 | 4 | 0.000103 |
| 1116 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | ote4dy | 186 | 509 | 0.000103 | 0.000040 | 4 | 0 | 4 | 0.000103 |
| 1117 | ko | cpe4[yo] | 179 | 94 | 0.000103 | 0.000092 | 4 | 0 | 4 | 0.000103 |
| 1118 | ol[dtk] | o[fptk]ce4[lrsmg] | 842 | 57 | 0.000103 | 0.000071 | 4 | 0 | 4 | 0.000103 |
| 1119 | ol[dtk] | dcedy relatives | 842 | 85 | 0.000103 | 0.000056 | 4 | 0 | 4 | 0.000103 |
| 1120 | okce0-4dy | oi4[dlrsmg \| n] | 188 | 1124 | 0.000103 | -0.000037 | 4 | 0 | 4 | 0.000103 |
| 1121 | yodai0-4l | ote0-4y | 143 | 731 | 0.000103 | 0.000034 | 4 | 0 | 4 | 0.000103 |
| 1122 | o[fptk]e4dy | opol variants | 1444 | 25 | 0.000103 | 0.000079 | 4 | 0 | 4 | 0.000103 |
| 1123 | c[s \| fptk]e4y | opai0-4n | 887 | 26 | 0.000103 | 0.000088 | 4 | 0 | 4 | 0.000103 |
| 1124 | c[s \| fptk]e4y | opai0-4n | 887 | 29 | 0.000103 | 0.000086 | 4 | 0 | 4 | 0.000103 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1125 | [yo][fptk]e4o[lr] | [tk]e4dy | 449 | 309 | 0.000103 | 0.000011 | 4 | 0 | 4 | 0.000103 |
| 1126 | okce0-4y | [dlrsmg] + ai4r | 338 | 190 | 0.000103 | 0.000060 | 4 | 0 | 4 | 0.000103 |
| 1127 | otod variants | [yo][fp][yoa] | 88 | 339 | 0.000103 | 0.000083 | 4 | 0 | 4 | 0.000103 |
| 1128 | [yo]d[ao]i0-4[lrm \| n] | oo | 880 | 62 | 0.000103 | 0.000067 | 4 | 0 | 4 | 0.000103 |
| 1129 | [yo]d[ao]i0-4[lrm \| n] | o[fptk]e4os | 880 | 106 | 0.000103 | 0.000041 | 4 | 0 | 4 | 0.000103 |
| 1130 | [yo]ce4y + s infixes | ckeo-initial | 172 | 79 | 0.000103 | 0.000094 | 4 | 0 | 4 | 0.000103 |
| 1131 | o[lr]a | yodai0-4l | 469 | 143 | 0.000103 | 0.000058 | 4 | 0 | 4 | 0.000103 |
| 1132 | o[lr]a | [yo]d[ao]i0-4l | 469 | 165 | 0.000103 | 0.000052 | 4 | 0 | 4 | 0.000103 |
| 1133 | o[lr]a | od[ao]i0-4l | 469 | 154 | 0.000103 | 0.000055 | 4 | 0 | 4 | 0.000103 |
| 1134 | o[lr]a | odai0-4l | 469 | 133 | 0.000103 | 0.000062 | 4 | 0 | 4 | 0.000103 |
| 1135 | ytai0-4n | [q \| fptk \| dlrsmg] + oi0-4[lr] | 59 | 1819 | 0.000103 | 0.000032 | 4 | 0 | 4 | 0.000103 |
| 1136 | cse4y | opai0-4n | 578 | 26 | 0.000103 | 0.000093 | 4 | 0 | 4 | 0.000103 |
| 1137 | om | ol[tk] | 203 | 621 | 0.000103 | 0.000020 | 4 | 0 | 4 | 0.000103 |
| 1138 | om | otce0-4y | 203 | 281 | 0.000103 | 0.000065 | 4 | 0 | 4 | 0.000103 |
| 1139 | ote4dy | [yo][fp]o | 509 | 95 | 0.000103 | 0.000071 | 4 | 0 | 4 | 0.000103 |
| 1140 | ote4dy | eta | 509 | 71 | 0.000103 | 0.000079 | 4 | 0 | 4 | 0.000103 |
| 1141 | cectey relatives | [yo]ke4o[dlrsmg] | 197 | 584 | 0.000103 | 0.000027 | 4 | 0 | 4 | 0.000103 |
| 1142 | ed[yoa] | otas variants | 5851 | 16 | 0.000103 | 0.000041 | 4 | 0 | 4 | 0.000103 |
| 1143 | c[fp]e4y + added c-sequences & cfeo-Initial | o[tk]e0-4y | 84 | 2042 | 0.000103 | -0.000010 | 4 | 0 | 4 | 0.000103 |
| 1144 | c[fp]e4y + added c-sequences & cfeo-Initial | ea | 84 | 1195 | 0.000103 | 0.000037 | 4 | 0 | 4 | 0.000103 |
| 1145 | dairol/soral relatives | cse4y | 190 | 578 | 0.000103 | 0.000030 | 4 | 0 | 4 | 0.000103 |
| 1146 | a[fptk]a | ed[yoa] | 23 | 5851 | 0.000103 | 0.000014 | 4 | 0 | 4 | 0.000103 |
| 1147 | o[fptk][ao]d | [yo]ke4o[lr] | 185 | 319 | 0.000103 | 0.000064 | 4 | 0 | 4 | 0.000103 |
| 1148 | od[ao]i0-4[lr] | g | 369 | 132 | 0.000103 | 0.000071 | 4 | 0 | 4 | 0.000103 |
| 1149 | ofc + e4 + y \| dy \| o + [lr] Superset | [yo]dy endings | 75 | 1228 | 0.000103 | 0.000042 | 4 | 0 | 4 | 0.000103 |
| 1150 | cse4y | opai0-4n | 578 | 29 | 0.000103 | 0.000092 | 4 | 0 | 4 | 0.000103 |
| 1151 | edy | otas variants | 4981 | 16 | 0.000103 | 0.000050 | 4 | 0 | 4 | 0.000103 |
| 1152 | [dlrsmg] + c \| c[s \| fptk] + e4dy | cear variants | 327 | 365 | 0.000103 | 0.000024 | 4 | 0 | 4 | 0.000103 |
| 1153 | [dlrsmg] + c \| c[s \| fptk] + e4dy | qo variants | 327 | 59 | 0.000103 | 0.000090 | 4 | 0 | 4 | 0.000103 |
| 1154 | [fptk]e0-4y | oa | 161 | 321 | 0.000103 | 0.000069 | 4 | 0 | 4 | 0.000103 |
| 1155 | [fptk]e0-4y | [tk]e4o | 161 | 206 | 0.000103 | 0.000081 | 4 | 0 | 4 | 0.000103 |
| 1156 | ol[yoa] | otce0-4dy | 614 | 172 | 0.000103 | 0.000033 | 4 | 0 | 4 | 0.000103 |
| 1157 | om | ol[dtk] | 203 | 842 | 0.000103 | -0.000010 | 4 | 0 | 4 | 0.000103 |
| 1158 | [yo]c[fptk]e4y | o[fptk]c + e0-4dy | 294 | 554 | 0.000103 | -0.000005 | 4 | 0 | 4 | 0.000103 |
| 1159 | yce4y + infixed versions | [tk]e4o | 87 | 206 | 0.000103 | 0.000091 | 4 | 0 | 4 | 0.000103 |
| 1160 | o[fptk]ai4n | ory | 1598 | 108 | 0.000103 | -0.000011 | 4 | 0 | 4 | 0.000103 |
| 1161 | o[fptk]ai4n | okc + e4o | 1598 | 49 | 0.000103 | 0.000051 | 4 | 0 | 4 | 0.000103 |
| 1162 | olai0-4n | o[fptk]eda[lrsm \| n] | 126 | 184 | 0.000103 | 0.000087 | 4 | 0 | 4 | 0.000103 |
| 1163 | c[fp]e4y + added c-sequences | o[tk]e0-4y | 69 | 2042 | 0.000103 | 0.000010 | 4 | 0 | 4 | 0.000103 |
| 1164 | ece Noun | ai4r | 142 | 483 | 0.000103 | 0.000057 | 4 | 0 | 4 | 0.000103 |
| 1165 | yodai0-4[lrm \| n] | c[fptk]c polygraph | 832 | 99 | 0.000103 | 0.000048 | 4 | 0 | 4 | 0.000103 |
| 1166 | tc-initial | oe | 345 | 463 | 0.000103 | -0.000003 | 4 | 0 | 4 | 0.000103 |
| 1167 | tc-initial | otar variants | 345 | 345 | 0.000103 | 0.000024 | 4 | 0 | 4 | 0.000103 |
| 1168 | o[lr]o | c \| cs + e0-4s | 274 | 188 | 0.000103 | 0.000069 | 4 | 0 | 4 | 0.000103 |
| 1169 | o[lr]o | ol[ds] | 274 | 315 | 0.000103 | 0.000046 | 4 | 0 | 4 | 0.000103 |
| 1170 | o[lr]o | ek[yoa] | 274 | 446 | 0.000103 | 0.000022 | 4 | 0 | 4 | 0.000103 |
| 1171 | o[lr]o | ece polygraph | 274 | 219 | 0.000103 | 0.000063 | 4 | 0 | 4 | 0.000103 |
| 1172 | c \| c[s \| fptk] + e4dy | cte4y | 1395 | 186 | 0.000103 | -0.000068 | 4 | 0 | 4 | 0.000103 |
| 1173 | b | c[fptk]e4o-initial & c[fptk]e4y Superclass | 25 | 1659 | 0.000103 | 0.000075 | 4 | 0 | 4 | 0.000103 |
| 1174 | ea | yce4y + s infixes | 1195 | 82 | 0.000103 | 0.000038 | 4 | 0 | 4 | 0.000103 |
| 1175 | ckeo-initial | o-axis of [yo][fptk][ao][lr] | 79 | 764 | 0.000103 | 0.000063 | 4 | 0 | 4 | 0.000103 |
| 1176 | yodai0-4[lrm \| n] | opce0-4y | 832 | 111 | 0.000103 | 0.000042 | 4 | 0 | 4 | 0.000103 |
| 1177 | yodai0-4[lrm \| n] | ckeo-initial | 832 | 79 | 0.000103 | 0.000059 | 4 | 0 | 4 | 0.000103 |
| 1178 | yodai0-4[lrm \| n] | okc + e4o | 832 | 49 | 0.000103 | 0.000076 | 4 | 0 | 4 | 0.000103 |
| 1179 | [yo]d[ao]i0-4r | ce4o | 228 | 160 | 0.000103 | 0.000079 | 4 | 0 | 4 | 0.000103 |
| 1180 | [dlrsmg]e0-4y | ece Noun | 453 | 142 | 0.000103 | 0.000060 | 4 | 0 | 4 | 0.000103 |
| 1181 | [fptk]ai4[dlrsmg \| n] | o-axis of [yo][fptk][ao][lr] | 411 | 764 | 0.000103 | -0.000104 | 4 | 0 | 4 | 0.000103 |
| 1182 | [dlrsmg \| fptk] + ai4[dlrsmg] | o[fptk] endings | 1444 | 79 | 0.000103 | 0.000027 | 4 | 0 | 4 | 0.000103 |
| 1183 | et[yoa] | [yo][fptk]e4o[dlrsmg] | 186 | 924 | 0.000103 | -0.000011 | 4 | 0 | 4 | 0.000103 |
| 1184 | o[fptk]c + e0-4y | o[fptk][dlrsmg] | 753 | 68 | 0.000103 | 0.000069 | 4 | 0 | 4 | 0.000103 |
| 1185 | dl Consonant clusters | o[lr][yoa] | 79 | 1044 | 0.000103 | 0.000048 | 4 | 0 | 4 | 0.000103 |
| 1186 | dl Consonant clusters | ce4ai4n | 79 | 271 | 0.000103 | 0.000089 | 4 | 0 | 4 | 0.000103 |
| 1187 | [dlrsmg]ai4m | oa | 149 | 321 | 0.000103 | 0.000071 | 4 | 0 | 4 | 0.000103 |
| 1188 | okc + e4o | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 49 | 809 | 0.000103 | 0.000077 | 4 | 0 | 4 | 0.000103 |
| 1189 | [yo][fp][yoa] | oly | 339 | 222 | 0.000103 | 0.000053 | 4 | 0 | 4 | 0.000103 |
| 1190 | o[lr][oa] | ope0-4y | 735 | 34 | 0.000103 | 0.000086 | 4 | 0 | 4 | 0.000103 |
| 1191 | ol + c \| cs + e4o[lr] | edy | 34 | 4981 | 0.000103 | -0.000009 | 4 | 0 | 4 | 0.000103 |
| 1192 | ol + c \| cs + e4o[lr] | oke0-4y | 34 | 1314 | 0.000103 | 0.000073 | 4 | 0 | 4 | 0.000103 |
| 1193 | ed[yoa] | [yo]te4os | 5851 | 60 | 0.000103 | -0.000129 | 4 | 0 | 4 | 0.000103 |
| 1194 | ed[yoa] | o[fptk \| dlrsmg]e4g | 5851 | 19 | 0.000103 | 0.000029 | 4 | 0 | 4 | 0.000103 |
| 1195 | c[fp]e4y + added c-sequences & cfeo-Initial | oke0-4y | 84 | 1314 | 0.000103 | 0.000030 | 4 | 0 | 4 | 0.000103 |
| 1196 | yodai0-4n | otal variants | 448 | 333 | 0.000103 | 0.000004 | 4 | 0 | 4 | 0.000103 |
| 1197 | yodai0-4n | opce0-4y | 448 | 111 | 0.000103 | 0.000070 | 4 | 0 | 4 | 0.000103 |
| 1198 | yodai0-4n | [yo][fp]ai0-4[rn] | 448 | 111 | 0.000103 | 0.000070 | 4 | 0 | 4 | 0.000103 |
| 1199 | yodai0-4n | ek[yo] | 448 | 255 | 0.000103 | 0.000027 | 4 | 0 | 4 | 0.000103 |
| 1200 | yodai0-4n | [yo][fp]a | 448 | 200 | 0.000103 | 0.000044 | 4 | 0 | 4 | 0.000103 |
| 1201 | cse4y | [dlrsmg] + c \| c[s \| fptk] + e4dy | 578 | 327 | 0.000103 | -0.000022 | 4 | 0 | 4 | 0.000103 |
| 1202 | cse4y | oio | 578 | 175 | 0.000103 | 0.000036 | 4 | 0 | 4 | 0.000103 |
| 1203 | o[fptk]c + e0-4dy | [yo][fptk]e4od + y | 554 | 284 | 0.000103 | -0.000001 | 4 | 0 | 4 | 0.000103 |
| 1204 | a-axis of [yo][fptk][ao][lr] | dl Consonant clusters | 1731 | 79 | 0.000103 | 0.000013 | 4 | 0 | 4 | 0.000103 |
| 1205 | c[fptk]c polygraph | [dlrsmg \| fptk]e0-4y | 99 | 735 | 0.000103 | 0.000055 | 4 | 0 | 4 | 0.000103 |
| 1206 | [fptk \| dlrs] prefixes to dai4[lrsm \| n] | cse4dy | 83 | 585 | 0.000103 | 0.000071 | 4 | 0 | 4 | 0.000103 |
| 1207 | [fptk \| dlrs] prefixes to dai4[lrsm \| n] | c[s \| fptk]e4dy | 83 | 622 | 0.000103 | 0.000069 | 4 | 0 | 4 | 0.000103 |
| 1208 | [yo]ce4y + s infixes | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 172 | 158 | 0.000103 | 0.000085 | 4 | 0 | 4 | 0.000103 |
| 1209 | [yo]ce4y + s infixes | cte4[yo] | 172 | 406 | 0.000103 | 0.000057 | 4 | 0 | 4 | 0.000103 |
| 1210 | odai0-4l | ote0-4y | 133 | 731 | 0.000103 | 0.000039 | 4 | 0 | 4 | 0.000103 |
| 1211 | okce0-4dy | [yo]tai0-4n | 188 | 490 | 0.000103 | 0.000042 | 4 | 0 | 4 | 0.000103 |
| 1212 | cse4y | opce0-4y | 578 | 111 | 0.000103 | 0.000060 | 4 | 0 | 4 | 0.000103 |
| 1213 | cse4y | o[fptk]c + e0-4or | 578 | 135 | 0.000103 | 0.000051 | 4 | 0 | 4 | 0.000103 |
| 1214 | ote4dy | [yo]po | 509 | 70 | 0.000103 | 0.000079 | 4 | 0 | 4 | 0.000103 |
| 1215 | ote4dy | [yo]ke4od | 509 | 207 | 0.000103 | 0.000033 | 4 | 0 | 4 | 0.000103 |
| 1216 | ote4dy | ce0-4s | 509 | 165 | 0.000103 | 0.000047 | 4 | 0 | 4 | 0.000103 |
| 1217 | [dlrsmg \| fptk] + ai4n | [yo]te4os | 1724 | 60 | 0.000103 | 0.000034 | 4 | 0 | 4 | 0.000103 |
| 1218 | oi4n Superset | c-sequence + e4 + [fptk] + c-sequence + e4 + y | 257 | 84 | 0.000103 | 0.000089 | 4 | 0 | 4 | 0.000103 |
| 1219 | c-sequence + e4 + [fptk] + e4 + y | lk-initial | 101 | 454 | 0.000103 | 0.000072 | 4 | 0 | 4 | 0.000103 |
| 1220 | lc-initial | or[oa] | 457 | 340 | 0.000103 | 0.000000 | 4 | 0 | 4 | 0.000103 |
| 1221 | lc-initial | ora | 457 | 241 | 0.000103 | 0.000030 | 4 | 0 | 4 | 0.000103 |
| 1222 | [yo]d[ao]i0-4[lrm \| n] | okc + e4o | 880 | 49 | 0.000103 | 0.000074 | 4 | 0 | 4 | 0.000103 |
| 1223 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | [yo]tai0-4n | 186 | 490 | 0.000103 | 0.000043 | 4 | 0 | 4 | 0.000103 |
| 1224 | [yo]dy endings | osai0-4n | 1228 | 34 | 0.000103 | 0.000075 | 4 | 0 | 4 | 0.000103 |
| 1225 | [yo]d[ao]i0-4[lrm \| n] | opce0-4y | 880 | 111 | 0.000103 | 0.000038 | 4 | 0 | 4 | 0.000103 |
| 1226 | yodai0-4r | ce4o | 205 | 160 | 0.000103 | 0.000081 | 4 | 0 | 4 | 0.000103 |
| 1227 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 445 | 230 | 0.000103 | 0.000035 | 4 | 0 | 4 | 0.000103 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1228 | [fptk]ai4n | cedal variants | 191 | 127 | 0.000103 | 0.000087 | 4 | 0 | 4 | 0.000103 |
| 1229 | do | c \| cs + e0-4s | 383 | 188 | 0.000103 | 0.000055 | 4 | 0 | 4 | 0.000103 |
| 1230 | do | ce0-4s | 383 | 165 | 0.000103 | 0.000061 | 4 | 0 | 4 | 0.000103 |
| 1231 | y + Non-[dlrs] Prefixes | ceal variants | 205 | 269 | 0.000103 | 0.000066 | 4 | 0 | 4 | 0.000103 |
| 1232 | cpeo-initial | [dlrsmg]ai4[lr] | 67 | 875 | 0.000103 | 0.000064 | 4 | 0 | 4 | 0.000103 |
| 1233 | y + Non-[dlrs] Prefixes | o[fptk]e4dy | 205 | 1444 | 0.000103 | -0.000093 | 4 | 0 | 4 | 0.000103 |
| 1234 | do | or[yoa] | 383 | 438 | 0.000103 | -0.000008 | 4 | 0 | 4 | 0.000103 |
| 1235 | do | c-sequence + e4 + [fptk] + e4 + y | 383 | 101 | 0.000103 | 0.000077 | 4 | 0 | 4 | 0.000103 |
| 1236 | [yo]po | oi | 70 | 304 | 0.000103 | 0.000089 | 4 | 0 | 4 | 0.000103 |
| 1237 | c[s \| fptk]e4y | o[fptk]eda[lrsm \| n] | 887 | 184 | 0.000103 | -0.000005 | 4 | 0 | 4 | 0.000103 |
| 1238 | c[s \| fptk]e4y | g | 887 | 132 | 0.000103 | 0.000025 | 4 | 0 | 4 | 0.000103 |
| 1239 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | dairol/soral relatives | 623 | 190 | 0.000103 | 0.000025 | 4 | 0 | 4 | 0.000103 |
| 1240 | ce0-4s | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 165 | 503 | 0.000103 | 0.000048 | 4 | 0 | 4 | 0.000103 |
| 1241 | c[s \| fptk]e4y | [yo]te4od | 887 | 149 | 0.000103 | 0.000016 | 4 | 0 | 4 | 0.000103 |
| 1242 | o[fptk]c + e0-4dy | o[fptk]eda[lrsm \| n] | 554 | 184 | 0.000103 | 0.000035 | 4 | 0 | 4 | 0.000103 |
| 1243 | eta | [dlrsmg \| fptk] + ai4[dlrsmg] | 71 | 1444 | 0.000103 | 0.000035 | 4 | 0 | 4 | 0.000103 |
| 1244 | o[tk]e4s | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 98 | 503 | 0.000103 | 0.000070 | 4 | 0 | 4 | 0.000103 |
| 1245 | [yo][fp]ai0-4[rn] | [dlrsmg]ai4[lr] | 111 | 875 | 0.000103 | 0.000039 | 4 | 0 | 4 | 0.000103 |
| 1246 | [yo][fp]ai0-4[rn] | ai4l | 111 | 306 | 0.000103 | 0.000080 | 4 | 0 | 4 | 0.000103 |
| 1247 | [yo][fp]ai0-4[rn] | oi4[dlrsmg \| n] | 111 | 1124 | 0.000103 | 0.000020 | 4 | 0 | 4 | 0.000103 |
| 1248 | ai0-4[dlrsmg][dlrsmg] | tc-initial | 214 | 345 | 0.000103 | 0.000054 | 4 | 0 | 4 | 0.000103 |
| 1249 | et[yo] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 115 | 503 | 0.000103 | 0.000065 | 4 | 0 | 4 | 0.000103 |
| 1250 | et[yo] | [yo][fptk]e4o[dlrsmg] | 115 | 924 | 0.000103 | 0.000033 | 4 | 0 | 4 | 0.000103 |
| 1251 | osa | or[yoa] | 66 | 438 | 0.000103 | 0.000084 | 4 | 0 | 4 | 0.000103 |
| 1252 | o[fptk]ce4[lrsmg] | y[fptk]-initial | 57 | 1295 | 0.000103 | 0.000054 | 4 | 0 | 4 | 0.000103 |
| 1253 | okod variants | oe sans oy + oe4y, oe0-4s | 74 | 317 | 0.000103 | 0.000087 | 4 | 0 | 4 | 0.000103 |
| 1254 | [yo]d[ao]i0-4[lrm \| n] | c[fptk]c polygraph | 880 | 99 | 0.000103 | 0.000045 | 4 | 0 | 4 | 0.000103 |
| 1255 | olk | otce0-4y | 557 | 281 | 0.000103 | -0.000001 | 4 | 0 | 4 | 0.000103 |
| 1256 | olk | ora | 557 | 241 | 0.000103 | 0.000014 | 4 | 0 | 4 | 0.000103 |
| 1257 | ai0-4[dlrsmg][dlrsmg] | oa | 214 | 321 | 0.000103 | 0.000057 | 4 | 0 | 4 | 0.000103 |
| 1258 | oc[fptk]e4y | opc + e0-4 + y \| dy \| o[dlrs]y | 289 | 302 | 0.000103 | 0.000045 | 4 | 0 | 4 | 0.000103 |
| 1259 | [dlrsmg] + ai4[lr] + y-suffix | oro | 1035 | 102 | 0.000103 | 0.000033 | 4 | 0 | 4 | 0.000103 |
| 1260 | [dlrsmg] + ai4[lr] + y-suffix | e[tk]o | 1035 | 60 | 0.000103 | 0.000062 | 4 | 0 | 4 | 0.000103 |
| 1261 | otc + e4o | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 44 | 809 | 0.000103 | 0.000079 | 4 | 0 | 4 | 0.000103 |
| 1262 | cse4o | ce4y | 205 | 737 | 0.000103 | 0.000003 | 4 | 0 | 4 | 0.000103 |
| 1263 | c + e4dy | o[fptk]e4os | 3053 | 106 | 0.000103 | -0.000111 | 4 | 0 | 4 | 0.000103 |
| 1264 | yd[ao]i0-4[lrm \| n] | o[tk]e0-4y | 67 | 2042 | 0.000103 | 0.000012 | 4 | 0 | 4 | 0.000103 |
| 1265 | yd[ao]i0-4[lrm \| n] | oke0-4y | 67 | 1314 | 0.000103 | 0.000045 | 4 | 0 | 4 | 0.000103 |
| 1266 | [yo]ke4os | ai4n | 46 | 589 | 0.000103 | 0.000085 | 4 | 0 | 4 | 0.000103 |
| 1267 | qo variants | [yo]d[ao]i0-4[lrm \| n] | 59 | 880 | 0.000103 | 0.000068 | 4 | 0 | 4 | 0.000103 |
| 1268 | o[fptk][ao]s | ai4l | 66 | 306 | 0.000103 | 0.000089 | 4 | 0 | 4 | 0.000103 |
| 1269 | o[fptk]ce4[lrsmg] | o[fptk]e4dy | 57 | 1444 | 0.000103 | 0.000048 | 4 | 0 | 4 | 0.000103 |
| 1270 | qo variants | [dlrsmg \| fptk] + ai4n | 59 | 1724 | 0.000103 | 0.000036 | 4 | 0 | 4 | 0.000103 |
| 1271 | qo variants | o[fptk]ai4n | 59 | 1598 | 0.000103 | 0.000041 | 4 | 0 | 4 | 0.000103 |
| 1272 | Consonant Clusters | c \| cs + e0-4s | 115 | 188 | 0.000103 | 0.000088 | 4 | 0 | 4 | 0.000103 |
| 1273 | edo | ai4[dlrsmg] | 90 | 930 | 0.000103 | 0.000048 | 4 | 0 | 4 | 0.000103 |
| 1274 | edo | ce4y | 90 | 737 | 0.000103 | 0.000059 | 4 | 0 | 4 | 0.000103 |
| 1275 | edo | ai4[lr] | 90 | 782 | 0.000103 | 0.000056 | 4 | 0 | 4 | 0.000103 |
| 1276 | cke4y | [yo][fptk]e4o[lr] | 93 | 449 | 0.000103 | 0.000075 | 4 | 0 | 4 | 0.000103 |
| 1277 | [yo]pa | oi4[dlrsmg \| n] | 141 | 1124 | 0.000103 | -0.000002 | 4 | 0 | 4 | 0.000103 |
| 1278 | okc + e4or | o[tk]e0-4y | 54 | 2042 | 0.000103 | 0.000030 | 4 | 0 | 4 | 0.000103 |
| 1279 | okai0-4n | okc + e4o | 994 | 49 | 0.000103 | 0.000071 | 4 | 0 | 4 | 0.000103 |
| 1280 | o[fptk]e4os | oi4[dlrsmg \| n] | 106 | 1124 | 0.000103 | 0.000024 | 4 | 0 | 4 | 0.000103 |
| 1281 | l-prefix + [fptk]e0-4y | a-axis of [yo][fptk][ao][lr] | 80 | 1731 | 0.000103 | 0.000011 | 4 | 0 | 4 | 0.000103 |
| 1282 | l-prefix + [fptk]e0-4y | [yo][fptk][ao][lr] | 80 | 2688 | 0.000103 | -0.000039 | 4 | 0 | 4 | 0.000103 |
| 1283 | l-prefix + [fptk]e0-4y | cedai4[lrsm \| n] | 80 | 527 | 0.000103 | 0.000075 | 4 | 0 | 4 | 0.000103 |
| 1284 | c \| cs + e0-4[dlrsmg] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 281 | 503 | 0.000103 | 0.000009 | 4 | 0 | 4 | 0.000103 |
| 1285 | cedar variants | o[fptk \| dlrsmg][ao]m | 176 | 280 | 0.000103 | 0.000070 | 4 | 0 | 4 | 0.000103 |
| 1286 | cedar variants | om + o[fptk \| dlrsmg]am | 176 | 454 | 0.000103 | 0.000050 | 4 | 0 | 4 | 0.000103 |
| 1287 | oda | okc + e4o | 847 | 49 | 0.000103 | 0.000075 | 4 | 0 | 4 | 0.000103 |
| 1288 | oda | oo | 847 | 62 | 0.000103 | 0.000068 | 4 | 0 | 4 | 0.000103 |
| 1289 | cte4[yo] | ora | 406 | 241 | 0.000103 | 0.000038 | 4 | 0 | 4 | 0.000103 |
| 1290 | o[fptk]edal | oi4[dlrsmg \| n] | 40 | 1124 | 0.000103 | 0.000073 | 4 | 0 | 4 | 0.000103 |
| 1291 | a[dlrsmg]c | oke4dy | 91 | 933 | 0.000103 | 0.000047 | 4 | 0 | 4 | 0.000103 |
| 1292 | l[drs] Prefixes | [dlrsmg] + ai4[lr] + y-suffix | 95 | 1035 | 0.000103 | 0.000038 | 4 | 0 | 4 | 0.000103 |
| 1293 | [tk]e4o | [yo]d[ao]i0-4l | 206 | 165 | 0.000103 | 0.000080 | 4 | 0 | 4 | 0.000103 |
| 1294 | [tk]e4o | [yo]d[ao]i0-4[lr] | 206 | 393 | 0.000103 | 0.000049 | 4 | 0 | 4 | 0.000103 |
| 1295 | [tk]e4o | od[ao]i0-4l | 206 | 154 | 0.000103 | 0.000082 | 4 | 0 | 4 | 0.000103 |
| 1296 | [tk]e4o | od[ao]i0-4[lr] | 206 | 369 | 0.000103 | 0.000053 | 4 | 0 | 4 | 0.000103 |
| 1297 | opai0-4n | oi4[dlrsmg \| n] | 26 | 1124 | 0.000103 | 0.000083 | 4 | 0 | 4 | 0.000103 |
| 1298 | ceal verbs | dc-initial | 230 | 454 | 0.000103 | 0.000034 | 4 | 0 | 4 | 0.000103 |
| 1299 | ceal verbs | [yo]ce4y + infixed versions | 230 | 466 | 0.000103 | 0.000032 | 4 | 0 | 4 | 0.000103 |
| 1300 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | dai4n | 230 | 1140 | 0.000103 | -0.000070 | 4 | 0 | 4 | 0.000103 |
| 1301 | cedal variants | oi4[dlrsmg \| n] | 127 | 1124 | 0.000103 | 0.000009 | 4 | 0 | 4 | 0.000103 |
| 1302 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4od | okc + e0-4 + y \| dy \| o[dlrs]y | 68 | 563 | 0.000103 | 0.000077 | 4 | 0 | 4 | 0.000103 |
| 1303 | o[fptk]edai4n | [yo]dy endings | 59 | 1228 | 0.000103 | 0.000055 | 4 | 0 | 4 | 0.000103 |
| 1304 | o[fptk]edai4n | otai0-4n | 59 | 430 | 0.000103 | 0.000086 | 4 | 0 | 4 | 0.000103 |
| 1305 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | orai0-4n | 222 | 135 | 0.000103 | 0.000083 | 4 | 0 | 4 | 0.000103 |
| 1306 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | opai0-4n | 2246 | 26 | 0.000103 | 0.000064 | 4 | 0 | 4 | 0.000103 |
| 1307 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | opai0-4n | 2246 | 29 | 0.000103 | 0.000060 | 4 | 0 | 4 | 0.000103 |
| 1308 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | o[lr][oa] | 230 | 735 | 0.000103 | -0.000009 | 4 | 0 | 4 | 0.000103 |
| 1309 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | o[lr][yoa] | 230 | 1044 | 0.000103 | -0.000056 | 4 | 0 | 4 | 0.000103 |
| 1310 | [yo]d[ao]i0-4[lr] | cke4[yo] | 393 | 172 | 0.000103 | 0.000058 | 4 | 0 | 4 | 0.000103 |
| 1311 | dc-initial | ke4dy | 454 | 217 | 0.000103 | 0.000038 | 4 | 0 | 4 | 0.000103 |
| 1312 | dc-initial | cke4y | 454 | 93 | 0.000103 | 0.000075 | 4 | 0 | 4 | 0.000103 |
| 1313 | ceckey relatives | oce4y + infixed versions | 377 | 379 | 0.000103 | 0.000008 | 4 | 0 | 4 | 0.000103 |
| 1314 | [yo]d[ao]i0-4m | edy | 37 | 4981 | 0.000103 | -0.000019 | 4 | 0 | 4 | 0.000103 |
| 1315 | [yo]ce4y | oe0-4s | 113 | 632 | 0.000103 | 0.000056 | 4 | 0 | 4 | 0.000103 |
| 1316 | [yo]ce4y | olcey relative | 113 | 277 | 0.000103 | 0.000082 | 4 | 0 | 4 | 0.000103 |
| 1317 | [yo]doi0-4[lrm \| n] | ce4a | 48 | 1009 | 0.000103 | 0.000071 | 4 | 0 | 4 | 0.000103 |

Table 25.7: Soft Grammar Rules Derived from Left-to-Right Directionality of Word Categories

| # | Category 1 | Category 2 | Word Count 1 | Word Count 2 | Actual Probability | Probability Difference | Actual Count | Inverse Count | Directionality Count Difference | Directionality Distance | Balance |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ai4l | c + e4dy | 306 | 3053 | 0.000617 | 0.000000 | 24 | 1 | 23 | 0.000591 | 0.96000 |
| 2 | lc-initial | o[fptk]ai4n | 457 | 1598 | 0.000565 | 0.000083 | 22 | 1 | 21 | 0.000540 | 0.95652 |
| 3 | c[fptk]e4o-initial & c[fptk]e4y Superclass | okol variants | 1659 | 285 | 0.000540 | 0.000227 | 21 | 1 | 20 | 0.000514 | 0.95455 |
| 4 | ai4n | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 589 | 1421 | 0.000462 | -0.000090 | 18 | 1 | 17 | 0.000437 | 0.94737 |
| 5 | o[tk]e4s | ai4[dlrsmg] | 98 | 930 | 0.000462 | 0.000402 | 18 | 1 | 17 | 0.000437 | 0.94737 |
| 6 | o[tk]e4s | ai4[lr] | 98 | 782 | 0.000411 | 0.000360 | 16 | 1 | 15 | 0.000385 | 0.94118 |
| 7 | [dlrsmg]ai4[lr] | c \| cs + e0-4[dlrsmg] | 875 | 281 | 0.000411 | 0.000249 | 16 | 1 | 15 | 0.000385 | 0.94118 |
| 8 | so | cse4y | 378 | 578 | 0.000411 | 0.000267 | 16 | 1 | 15 | 0.000385 | 0.94118 |
| 9 | [dlrsmg] + ai4[lr] + y-suffix | c \| cs + e0-4[dlrsmg] | 1035 | 281 | 0.000411 | 0.000219 | 16 | 1 | 15 | 0.000385 | 0.94118 |
| 10 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | aro[dlrsmg] | 3168 | 105 | 0.000411 | 0.000192 | 16 | 1 | 15 | 0.000385 | 0.94118 |
| 11 | ai4n | c[s \| fptk]e4y | 589 | 887 | 0.000385 | 0.000041 | 15 | 1 | 14 | 0.000360 | 0.93750 |
| 12 | ai4n | olk | 589 | 557 | 0.000360 | 0.000143 | 14 | 1 | 13 | 0.000334 | 0.93333 |
| 13 | [fp]c-Initial | [dlrsmg] + ai4[lr] + y-suffix | 387 | 1035 | 0.000360 | 0.000095 | 14 | 1 | 13 | 0.000334 | 0.93333 |
| 14 | l[fptk] Prefixes | dai4n | 514 | 1140 | 0.000360 | -0.000027 | 14 | 1 | 13 | 0.000334 | 0.93333 |
| 15 | l[fptk] Prefixes | c[s \| fptk]e4dy | 514 | 622 | 0.000360 | 0.000149 | 14 | 1 | 13 | 0.000334 | 0.93333 |
| 16 | okol variants | o[fptk]ai4n | 285 | 1598 | 0.000360 | 0.000059 | 14 | 1 | 13 | 0.000334 | 0.93333 |
| 17 | ai4n | ol[tk] | 589 | 621 | 0.000360 | 0.000118 | 14 | 1 | 13 | 0.000334 | 0.93333 |
| 18 | ai4[dlrsmg \| n] | otc + e0-4 + y \| dy \| o[dlrs]y | 1519 | 493 | 0.000360 | -0.000135 | 14 | 1 | 13 | 0.000334 | 0.93333 |
| 19 | ai4[dlrsmg \| n] | cse4y | 1519 | 578 | 0.000668 | 0.000088 | 26 | 2 | 24 | 0.000617 | 0.92857 |
| 20 | oi4[dlrsmg \| n] | om | 1124 | 203 | 0.000334 | 0.000183 | 13 | 1 | 12 | 0.000308 | 0.92857 |
| 21 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | c + c[s \| fptk]e4y | 158 | 1624 | 0.000334 | 0.000165 | 13 | 1 | 12 | 0.000308 | 0.92857 |
| 22 | ai4[dlrsmg] | om + o[fptk \| dlrsmg]am | 930 | 454 | 0.000334 | 0.000055 | 13 | 1 | 12 | 0.000308 | 0.92857 |
| 23 | [dlrsmg \| fptk] + ai4n | dai4m | 1724 | 130 | 0.000334 | 0.000186 | 13 | 1 | 12 | 0.000308 | 0.92857 |
| 24 | ai4n | o[fptk]e4dy | 589 | 1444 | 0.000334 | -0.000227 | 13 | 1 | 12 | 0.000308 | 0.92857 |
| 25 | [yo]c + e4o Superclass | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 345 | 503 | 0.000334 | 0.000219 | 13 | 1 | 12 | 0.000308 | 0.92857 |
| 26 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | c \| cs + e0-4d | 3168 | 89 | 0.000334 | 0.000148 | 13 | 1 | 12 | 0.000308 | 0.92857 |
| 27 | [yo][fp][yoa] | oi4[dlrsmg \| n] | 339 | 1124 | 0.000334 | 0.000082 | 13 | 1 | 12 | 0.000308 | 0.92857 |
| 28 | [dlrsmg \| fptk] + ai4n | Detached Class Modifiers | 1724 | 95 | 0.000334 | 0.000226 | 13 | 1 | 12 | 0.000308 | 0.92857 |
| 29 | om + o[fptk \| dlrsmg]am | dc-initial | 454 | 454 | 0.000334 | 0.000198 | 13 | 1 | 12 | 0.000308 | 0.92857 |
| 30 | [dlrsmg]ai4[lr] | ai4r | 875 | 483 | 0.000642 | 0.000363 | 25 | 2 | 23 | 0.000591 | 0.92593 |
| 31 | dcedy relatives | o[fptk]e4dy | 85 | 1444 | 0.000308 | 0.000227 | 12 | 1 | 11 | 0.000283 | 0.92308 |
| 32 | pc-initial | [dlrsmg] + ai4[lr] + y-suffix | 307 | 1035 | 0.000308 | 0.000099 | 12 | 1 | 11 | 0.000283 | 0.92308 |
| 33 | y + Non-[dlrs] Prefixes | ea | 205 | 1195 | 0.000308 | 0.000147 | 12 | 1 | 11 | 0.000283 | 0.92308 |
| 34 | cte4y | [yo][fptk][ao][lr] | 186 | 2688 | 0.000308 | -0.000022 | 12 | 1 | 11 | 0.000283 | 0.92308 |
| 35 | y + Non-[dlrs] Prefixes | ce4a | 205 | 1009 | 0.000308 | 0.000172 | 12 | 1 | 11 | 0.000283 | 0.92308 |
| 36 | cedar variants | c + c[s \| fptk]e4y | 176 | 1624 | 0.000308 | 0.000120 | 12 | 1 | 11 | 0.000283 | 0.92308 |
| 37 | o[fptk]ai4n | a[dlrsmg]am | 1598 | 92 | 0.000308 | 0.000211 | 12 | 1 | 11 | 0.000283 | 0.92308 |
| 38 | y-initial | olcey relatives (non-edy) | 1926 | 138 | 0.000308 | 0.000133 | 12 | 1 | 11 | 0.000283 | 0.92308 |
| 39 | lk-initial | dai4n | 454 | 1140 | 0.000308 | -0.000033 | 12 | 1 | 11 | 0.000283 | 0.92308 |
| 40 | lk-initial | c[s \| fptk]e4dy | 454 | 622 | 0.000308 | 0.000122 | 12 | 1 | 11 | 0.000283 | 0.92308 |
| 41 | ai4[dlrsmg \| n] | om | 1519 | 203 | 0.000308 | 0.000105 | 12 | 1 | 11 | 0.000283 | 0.92308 |
| 42 | ai4[dlrsmg \| n] | oce4y + infixed versions | 1519 | 379 | 0.000308 | -0.000072 | 12 | 1 | 11 | 0.000283 | 0.92308 |
| 43 | o[tk]e0-4y | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 2042 | 230 | 0.000591 | 0.000281 | 23 | 2 | 21 | 0.000540 | 0.92000 |
| 44 | pc-initial | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 307 | 3168 | 0.000591 | -0.000051 | 23 | 2 | 21 | 0.000540 | 0.92000 |
| 45 | ai4[dlrsmg \| n] | c[s \| fptk]e4y | 1519 | 887 | 0.000848 | -0.000041 | 33 | 3 | 30 | 0.000771 | 0.91667 |
| 46 | ai4[dlrsmg \| n] | aro[dlrsmg] | 1519 | 105 | 0.000283 | 0.000177 | 11 | 1 | 10 | 0.000257 | 0.91667 |
| 47 | [yo]kai0-4n | ai4l | 1067 | 306 | 0.000283 | 0.000067 | 11 | 1 | 10 | 0.000257 | 0.91667 |
| 48 | [dlrsmg \| fptk] + ai4n | ola | 1724 | 228 | 0.000283 | 0.000023 | 11 | 1 | 10 | 0.000257 | 0.91667 |
| 49 | ai4[dlrsmg] | [yo]ce4y + infixed versions | 930 | 466 | 0.000283 | -0.000003 | 11 | 1 | 10 | 0.000257 | 0.91667 |
| 50 | otce0-4y | [dlrsmg \| fptk]e0-4y | 281 | 735 | 0.000283 | 0.000146 | 11 | 1 | 10 | 0.000257 | 0.91667 |
| 51 | [fp]c-Initial | [dlrsmg]ai4[lr] | 387 | 875 | 0.000283 | 0.000059 | 11 | 1 | 10 | 0.000257 | 0.91667 |
| 52 | cte4[yo] | [dlrsmg]e0-4y | 406 | 453 | 0.000283 | 0.000161 | 11 | 1 | 10 | 0.000257 | 0.91667 |
| 53 | [fptk]ai4[dlrsmg \| n] | cedai4[lrsm \| n] | 411 | 527 | 0.000283 | 0.000140 | 11 | 1 | 10 | 0.000257 | 0.91667 |
| 54 | [yo][fptk]e4o[lr] | [dlrsmg]ai4[lr] | 449 | 875 | 0.000283 | 0.000023 | 11 | 1 | 10 | 0.000257 | 0.91667 |
| 55 | o[fptk][ao]s | ai4[dlrsmg \| n] | 66 | 1519 | 0.000283 | 0.000216 | 11 | 1 | 10 | 0.000257 | 0.91667 |
| 56 | otal variants | [dlrsmg] + ai4[lr] + y-suffix | 333 | 1035 | 0.000540 | 0.000312 | 21 | 2 | 19 | 0.000488 | 0.91304 |
| 57 | ai4n | c + c[s \| fptk]e4y | 589 | 1624 | 0.000771 | 0.000139 | 30 | 3 | 27 | 0.000694 | 0.90909 |
| 58 | cse4dy | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 585 | 2060 | 0.000514 | -0.000282 | 20 | 2 | 18 | 0.000462 | 0.90909 |
| 59 | cse4dy | okce0-4dy | 585 | 188 | 0.000257 | 0.000184 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 60 | [fptk]ai4n | okai0-4n | 191 | 994 | 0.000257 | 0.000132 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 61 | dai4n | dai4m | 1140 | 130 | 0.000257 | 0.000159 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 62 | ek[yo] | okal variants | 255 | 544 | 0.000257 | 0.000165 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 63 | eko | [yo][fptk][ao][lr] | 38 | 2688 | 0.000257 | 0.000189 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 64 | olk | ote0-4y | 557 | 731 | 0.000257 | -0.000012 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 65 | [yo][fptk]e4o[lr] | oi4[dlrsmg \| n] | 449 | 1124 | 0.000257 | -0.000076 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 66 | ai4l | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 306 | 2060 | 0.000257 | -0.000159 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 67 | eky | okal variants | 217 | 544 | 0.000257 | 0.000179 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 68 | ol[dtk] | otol variants | 842 | 239 | 0.000257 | 0.000124 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 69 | ko | dai4n | 179 | 1140 | 0.000257 | 0.000122 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 70 | om | dc-initial | 203 | 454 | 0.000257 | 0.000196 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 71 | [yo]ke4o | [dlrsmg] + ai4[lr] + y-suffix | 89 | 1035 | 0.000257 | 0.000196 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 72 | [fptk]ai4[dlrsmg \| n] | c[s \| fptk]e4dy | 411 | 622 | 0.000257 | 0.000088 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 73 | [fptk]ai4[dlrsmg \| n] | ai4n | 411 | 589 | 0.000257 | 0.000097 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 74 | [fptk]ai4[dlrsmg \| n] | cse4dy | 411 | 585 | 0.000257 | 0.000098 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 75 | e[tk]o | o-axis of [yo][fptk][ao][lr] | 60 | 764 | 0.000257 | 0.000227 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 76 | c[s \| fptk]e4dy | okce0-4dy | 622 | 188 | 0.000257 | 0.000180 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 77 | [fp]c-Initial | [dlrsmg \| fptk] + ai4n | 387 | 1724 | 0.000257 | -0.000183 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 78 | c[fptk]e4o-initial & c[fptk]e4y Superclass | ory | 1659 | 108 | 0.000257 | 0.000139 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 79 | ai4n | ek[yoa] | 589 | 446 | 0.000257 | 0.000084 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 80 | ai4r | ce4y | 483 | 737 | 0.000257 | 0.000022 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 81 | [yo][fptk]e4od | [yo]kai0-4n | 355 | 1067 | 0.000257 | 0.000007 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 82 | [yo][fptk]e4od | okai0-4n | 355 | 994 | 0.000257 | 0.000024 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 83 | okai0-4n | ai4l | 994 | 306 | 0.000257 | 0.000056 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 84 | te4dy | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 91 | 3168 | 0.000257 | 0.000067 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 85 | o[lr][yo] | so | 583 | 378 | 0.000257 | 0.000111 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 86 | o[fptk]eda[lrsm \| n] | [q \| fptk \| dlrsmg] + oi0-4[lr] | 184 | 1819 | 0.000257 | 0.000036 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 87 | ety | o[tk]e0-4y | 93 | 2042 | 0.000257 | 0.000132 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 88 | c + c[s \| fptk]e4y | qo variants | 1624 | 59 | 0.000257 | 0.000194 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 89 | ai4[dlrsmg \| n] | [fptk]e0-4y | 1519 | 161 | 0.000257 | 0.000095 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 90 | ai4[dlrsmg \| n] | cedaiin variants | 1519 | 189 | 0.000257 | 0.000067 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 91 | a[lr][ao][lr] | c[s \| fptk]e4y | 391 | 887 | 0.000257 | 0.000028 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 92 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | ai4n | 158 | 589 | 0.000257 | 0.000195 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 93 | o[fptk]edar | ai4[dlrsmg \| n] | 72 | 1519 | 0.000257 | 0.000185 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 94 | ce4o | c[fptk]e4o-initial & c[fptk]e4y Superclass | 160 | 1659 | 0.000257 | 0.000082 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 95 | [fp]c-Initial | o[fptk]ai4n | 387 | 1598 | 0.000257 | -0.000151 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 96 | dai4n | Detached Class Modifiers | 1140 | 95 | 0.000257 | 0.000185 | 10 | 1 | 9 | 0.000231 | 0.90909 |
| 97 | lc-initial | [dlrsmg \| fptk] + ai4n | 457 | 1724 | 0.000257 | -0.000263 | 10 | 1 | 9 | 0.000231 | 0.90909 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 98 | ai4[dlrsmg \| n] | [yo]ce4y + infixed versions | 1519 | 466 | 0.000488 | 0.000021 | 19 | 2 | 17 | 0.000437 | 0.90476 |
| 99 | okai0-4n | ceal variants | 994 | 269 | 0.000488 | 0.000312 | 19 | 2 | 17 | 0.000437 | 0.90476 |
| 100 | [yo]kai0-4n | ceal variants | 1067 | 269 | 0.000488 | 0.000299 | 19 | 2 | 17 | 0.000437 | 0.90476 |
| 101 | otal variants | [dlrsmg]ai4[lr] | 333 | 875 | 0.000488 | 0.000296 | 19 | 2 | 17 | 0.000437 | 0.90476 |
| 102 | oke0-4y | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 1314 | 230 | 0.000488 | 0.000289 | 19 | 2 | 17 | 0.000437 | 0.90476 |
| 103 | ai4n | [yo]kai0-4n | 589 | 1067 | 0.000719 | 0.000305 | 28 | 3 | 25 | 0.000642 | 0.90323 |
| 104 | ai4[dlrsmg] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 930 | 2060 | 0.000951 | -0.000314 | 37 | 4 | 33 | 0.000848 | 0.90244 |
| 105 | ai4n | okai0-4n | 589 | 994 | 0.000694 | 0.000307 | 27 | 3 | 24 | 0.000617 | 0.90000 |
| 106 | ai4[dlrsmg] | c[s \| fptk]e4y | 930 | 887 | 0.000462 | -0.000082 | 18 | 2 | 16 | 0.000411 | 0.90000 |
| 107 | [yo]kai0-4n | ceal verbs | 1067 | 230 | 0.000462 | 0.000300 | 18 | 2 | 16 | 0.000411 | 0.90000 |
| 108 | okai0-4n | ceal verbs | 994 | 230 | 0.000462 | 0.000312 | 18 | 2 | 16 | 0.000411 | 0.90000 |
| 109 | [fptk]e0-4y | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 161 | 3168 | 0.000462 | 0.000126 | 18 | 2 | 16 | 0.000411 | 0.90000 |
| 110 | c \| c[s \| fptk] + e4dy | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 1395 | 222 | 0.000231 | 0.000027 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 111 | ece Noun | oke0-4y | 142 | 1314 | 0.000231 | 0.000108 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 112 | eko | o-axis of [yo][fptk][ao][lr] | 38 | 764 | 0.000231 | 0.000212 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 113 | old | so | 225 | 378 | 0.000231 | 0.000175 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 114 | o[tk]e0-4y | [tk]y | 2042 | 52 | 0.000231 | 0.000161 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 115 | cse4y | opc + e0-4 + y \| dy \| o[dlrs]y | 578 | 302 | 0.000231 | 0.000116 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 116 | [yo]te4os | ai4[dlrsmg] | 60 | 930 | 0.000231 | 0.000194 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 117 | o[lr]y | otc + e0-4 + y \| dy \| o[dlrs]y | 318 | 493 | 0.000231 | 0.000128 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 118 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | opce0-4dy | 2060 | 159 | 0.000231 | 0.000015 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 119 | [yo]d[ao]i0-4l | [dlrsmg \| fptk] + ai4n | 165 | 1724 | 0.000231 | 0.000043 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 120 | [yo]ke4o | [dlrsmg]ai4[lr] | 89 | 875 | 0.000231 | 0.000180 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 121 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | otc + e4ol | 1421 | 66 | 0.000231 | 0.000169 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 122 | y-initial | [yo]ce4y + s infixes | 1926 | 172 | 0.000231 | 0.000013 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 123 | y-initial | o[fptk]e4os | 1926 | 106 | 0.000231 | 0.000096 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 124 | ai4n | [yo]tai0-4n | 589 | 490 | 0.000231 | 0.000041 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 125 | ai4l | c \| c[s \| fptk] + e4dy | 306 | 1395 | 0.000231 | -0.000051 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 126 | [tk]e4dy | [dlrsmg \| fptk] + ai4n | 309 | 1724 | 0.000231 | -0.000120 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 127 | [yo][fp]a | [dlrsmg] + ai4[lr] + y-suffix | 200 | 1035 | 0.000231 | 0.000095 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 128 | l[fptk] Prefixes | otai0-4n | 514 | 430 | 0.000231 | 0.000085 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 129 | Single-Letter Words | [dlrsmg] + c \| c[s \| fptk] + e4dy | 566 | 327 | 0.000231 | 0.000109 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 130 | otar variants | om + o[fptk \| dlrsmg]am | 345 | 454 | 0.000231 | 0.000128 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 131 | ai4[dlrsmg] | aro[dlrsmg] | 930 | 105 | 0.000231 | 0.000167 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 132 | ol[ds] | o[fptk]c + e0-4or | 315 | 135 | 0.000231 | 0.000203 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 133 | od endings | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 243 | 503 | 0.000231 | 0.000151 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 134 | cean variants | edy | 255 | 4981 | 0.000231 | -0.000607 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 135 | ai4n | otai0-4n | 589 | 430 | 0.000231 | 0.000064 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 136 | ai4n | o[fptk]c + e0-4dy | 589 | 554 | 0.000231 | 0.000016 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 137 | [tk]c-Initial | opc + e0-4 + y \| dy \| o[dlrs]y | 667 | 302 | 0.000231 | 0.000098 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 138 | pc-initial | o[fptk]ai4n | 307 | 1598 | 0.000231 | -0.000093 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 139 | [sr]c-Initial | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 179 | 733 | 0.000231 | 0.000145 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 140 | cke4[yo] | [yo][fptk]e4o[lr] | 172 | 449 | 0.000231 | 0.000180 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 141 | l[fptk] Prefixes | ai4n | 514 | 589 | 0.000231 | 0.000031 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 142 | oi4[dlrsmg \| n] | [fptk]e0-4y | 1124 | 161 | 0.000231 | 0.000112 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 143 | pc-initial | [dlrsmg]ai4[lr] | 307 | 875 | 0.000231 | 0.000054 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 144 | ai4l | c + c[s \| fptk]e4y | 306 | 1624 | 0.000231 | -0.000097 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 145 | a[dlrsmg]am | [dlrsmg] + ai4[lr] + y-suffix | 92 | 1035 | 0.000231 | 0.000168 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 146 | ola | ol[tk] | 228 | 621 | 0.000231 | 0.000138 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 147 | om + o[fptk \| dlrsmg]am | [yo]ce4y + infixed versions | 454 | 466 | 0.000231 | 0.000092 | 9 | 1 | 8 | 0.000206 | 0.90000 |
| 148 | ai4[dlrsmg \| n] | c + c[s \| fptk]e4y | 1519 | 1624 | 0.001593 | -0.000035 | 62 | 7 | 55 | 0.001413 | 0.89855 |
| 149 | ai4[dlrsmg \| n] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 1519 | 2060 | 0.001747 | -0.000318 | 68 | 8 | 60 | 0.001541 | 0.89474 |
| 150 | ai4[lr] | oke0-4y | 782 | 1314 | 0.000437 | -0.000241 | 17 | 2 | 15 | 0.000385 | 0.89474 |
| 151 | o[fptk]e4os | ai4n | 106 | 589 | 0.000437 | 0.000396 | 17 | 2 | 15 | 0.000385 | 0.89474 |
| 152 | l[fptk] Prefixes | [dlrsmg \| fptk] + ai4n | 514 | 1724 | 0.000437 | -0.000148 | 17 | 2 | 15 | 0.000385 | 0.89474 |
| 153 | [fptk]ai4[dlrsmg \| n] | ai4r | 411 | 483 | 0.000437 | 0.000306 | 17 | 2 | 15 | 0.000385 | 0.89474 |
| 154 | ai4[dlrsmg] | c + c[s \| fptk]e4y | 930 | 1624 | 0.000822 | -0.000175 | 32 | 4 | 28 | 0.000719 | 0.88889 |
| 155 | ai4[dlrsmg \| n] | om + o[fptk \| dlrsmg]am | 1519 | 454 | 0.000617 | 0.000161 | 24 | 3 | 21 | 0.000540 | 0.88889 |
| 156 | ai4[lr] | c[s \| fptk]e4y | 782 | 887 | 0.000411 | -0.000047 | 16 | 2 | 14 | 0.000360 | 0.88889 |
| 157 | ce0-4s | ai4n | 165 | 589 | 0.000411 | 0.000347 | 16 | 2 | 14 | 0.000360 | 0.88889 |
| 158 | c + c[s \| fptk]e4y | [dlrsmg] + c \| c[s \| fptk] + e4dy | 1624 | 327 | 0.000411 | 0.000061 | 16 | 2 | 14 | 0.000360 | 0.88889 |
| 159 | [dlrsmg] + c \| c[s \| fptk] + e4dy | o[fptk]ai4n | 327 | 1598 | 0.000411 | 0.000066 | 16 | 2 | 14 | 0.000360 | 0.88889 |
| 160 | ek[yo] | o-axis of [yo][fptk][ao][lr] | 255 | 764 | 0.000411 | 0.000282 | 16 | 2 | 14 | 0.000360 | 0.88889 |
| 161 | [fptk]ai4n | o[fptk]ai4n | 191 | 1598 | 0.000411 | 0.000210 | 16 | 2 | 14 | 0.000360 | 0.88889 |
| 162 | [q \| fptk \| dlrsmg] + oi0-4[lr] | oi4n | 1819 | 58 | 0.000411 | 0.000341 | 16 | 2 | 14 | 0.000360 | 0.88889 |
| 163 | o[tk]e4s | ai4r | 98 | 483 | 0.000206 | 0.000174 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 164 | [fptk] + c \| c[s \| fptk] + e4o | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 51 | 3168 | 0.000206 | 0.000099 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 165 | [yo][fp]y | y-initial | 44 | 1926 | 0.000206 | 0.000150 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 166 | ai4[dlrsmg \| n] | ceckey relatives | 1519 | 377 | 0.000206 | -0.000172 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 167 | ai4[dlrsmg \| n] | ek[yo] | 1519 | 255 | 0.000206 | -0.000050 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 168 | ai4[dlrsmg \| n] | otce0-4dy | 1519 | 172 | 0.000206 | 0.000033 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 169 | ai4[lr] | ke4dy | 782 | 217 | 0.000206 | 0.000094 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 170 | lk-initial | ai4n | 454 | 589 | 0.000206 | 0.000029 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 171 | lk-initial | otai0-4n | 454 | 430 | 0.000206 | 0.000077 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 172 | cedai4[lrsm \| n] | oce4y + infixed versions | 527 | 379 | 0.000206 | 0.000074 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 173 | cedai4[lrsm \| n] | [yo]c[fptk]e4y | 527 | 294 | 0.000206 | 0.000103 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 174 | cedai4[lrsm \| n] | oc[s \| fptk]e4y | 527 | 319 | 0.000206 | 0.000095 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 175 | cedai4[lrsm \| n] | [yo]c[s \| fptk]e4y | 527 | 353 | 0.000206 | 0.000083 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 176 | cedai4[lrsm \| n] | [yo]ce4y + infixed versions | 527 | 466 | 0.000206 | 0.000043 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 177 | cedai4[lrsm \| n] | oc[fptk]e4y | 527 | 289 | 0.000206 | 0.000105 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 178 | [dlrsmg \| fptk] + ai4[dlrsmg] | c \| cs + e0-4d | 1444 | 89 | 0.000206 | 0.000121 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 179 | [yo]d[ao]i0-4[lrm \| n] | [yo][fp]a | 880 | 200 | 0.000206 | 0.000089 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 180 | o[fptk]c + e0-4y | [tk]e4o | 753 | 206 | 0.000206 | 0.000103 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 181 | od[ao]i0-4l | [dlrsmg \| fptk] + ai4n | 154 | 1724 | 0.000206 | 0.000030 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 182 | okc + e4or | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 54 | 2246 | 0.000206 | 0.000125 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 183 | [dlrsmg] + c \| c[s \| fptk] + e4dy | [dlrsmg \| fptk] + ai4n | 327 | 1724 | 0.000206 | -0.000167 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 184 | [fptk]e0-4y | o[fptk]ai4n | 161 | 1598 | 0.000206 | 0.000036 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 185 | c \| c[s \| fptk] + e4dy | o[lr]y | 1395 | 318 | 0.000206 | -0.000087 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 186 | c + c[s \| fptk]e4y | [yo]te4od | 1624 | 149 | 0.000206 | 0.000046 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 187 | c + c[s \| fptk]e4y | ocke4y | 1624 | 162 | 0.000206 | 0.000032 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 188 | ke4dy | o[fptk]c + e0-4dy | 217 | 554 | 0.000206 | 0.000126 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 189 | ke4dy | o[fptk]ai4n | 217 | 1598 | 0.000206 | -0.000023 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 190 | ola | olk | 228 | 557 | 0.000206 | 0.000122 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 191 | c[s \| fptk]e4y | [yo]c[fptk]e4y | 887 | 294 | 0.000206 | 0.000033 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 192 | c[s \| fptk]e4y | oc[fptk]e4y | 887 | 289 | 0.000206 | 0.000036 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 193 | cse4y | ote4dy | 578 | 509 | 0.000206 | 0.000011 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 194 | [fptk]ai4n | olk | 191 | 557 | 0.000206 | 0.000135 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 195 | [fptk]ai4n | ol[tk] | 191 | 621 | 0.000206 | 0.000127 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 196 | [fptk]ai4n | ol[dtk] | 191 | 842 | 0.000206 | 0.000099 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 197 | ote4dy | okal variants | 509 | 544 | 0.000206 | 0.000023 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 198 | c[s \| fptk]e4y | [yo]te4ol | 887 | 99 | 0.000206 | 0.000148 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 199 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | [yo]ke4o[dlrsmg] | 623 | 584 | 0.000206 | -0.000035 | 8 | 1 | 7 | 0.000180 | 0.88889 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 200 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | [yo]te4od | 2060 | 149 | 0.000206 | 0.000003 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 201 | o[tk]e0-4y | ce4o | 2042 | 160 | 0.000206 | -0.000010 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 202 | oc[fpt]e4y | [yo][fptk]e4o[dlrsmg] | 132 | 924 | 0.000206 | 0.000125 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 203 | [yo][fptk]e4o | [dlrsmg]ai4[lr] | 88 | 875 | 0.000206 | 0.000155 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 204 | [yo][fptk]e4o | [dlrsmg] + ai4[lr] + y-suffix | 88 | 1035 | 0.000206 | 0.000145 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 205 | cedar variants | opce0-4dy | 176 | 159 | 0.000206 | 0.000187 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 206 | c \| c[fptk] + e4o | ai4[dlrsmg] | 228 | 930 | 0.000206 | 0.000066 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 207 | c \| c[fptk] + e4o | ai4[lr] | 228 | 782 | 0.000206 | 0.000088 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 208 | ai4[lr] | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 782 | 623 | 0.000206 | -0.000116 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 209 | ai4[lr] | [yo]ce4y + infixed versions | 782 | 466 | 0.000206 | -0.000035 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 210 | [tk]e4dy | om + o[fptk \| dlrsmg]am | 309 | 454 | 0.000206 | 0.000113 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 211 | ai4[lr] | aro[dlrsmg] | 782 | 105 | 0.000206 | 0.000151 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 212 | ai4[lr] | [tk]e4dy | 782 | 309 | 0.000206 | 0.000046 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 213 | ai4[dlrsmg \| n] | g | 1519 | 132 | 0.000206 | 0.000073 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 214 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | oi | 809 | 304 | 0.000206 | 0.000043 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 215 | o[fptk]edar | ai4[dlrsmg] | 72 | 930 | 0.000206 | 0.000161 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 216 | oda | [yo][fp]a | 847 | 200 | 0.000206 | 0.000094 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 217 | oa | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 321 | 623 | 0.000206 | 0.000074 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 218 | oi4n | ed[yoa] | 58 | 5851 | 0.000206 | -0.000018 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 219 | [fptk]ai4[lr] | cse4dy | 190 | 585 | 0.000206 | 0.000132 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 220 | [fptk]ai4[lr] | c[s \| fptk]e4dy | 190 | 622 | 0.000206 | 0.000128 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 221 | [fptk]ai4[lr] | ai4n | 190 | 589 | 0.000206 | 0.000132 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 222 | or[yo] | Single-Letter Words | 200 | 566 | 0.000206 | 0.000131 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 223 | yc + e4o[lr] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 68 | 1227 | 0.000206 | 0.000150 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 224 | oke0-4y | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 1314 | 222 | 0.000206 | 0.000013 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 225 | otar variants | o[fptk \| dlrsmg][ao]m | 345 | 280 | 0.000206 | 0.000142 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 226 | o[lr][yo] | otce0-4y | 583 | 281 | 0.000206 | 0.000097 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 227 | [yo]kai0-4n | a[dlrsmg]am | 1067 | 92 | 0.000206 | 0.000141 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 228 | [tk]e4o | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 206 | 733 | 0.000206 | 0.000106 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 229 | cke4[yo] | [yo]ke4o[lr] | 172 | 319 | 0.000206 | 0.000169 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 230 | cke4[yo] | [yo]ke4o[dlrsmg] | 172 | 584 | 0.000206 | 0.000139 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 231 | o[fptk]e4dy | ce0-4s | 1444 | 165 | 0.000206 | 0.000048 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 232 | ai4n | [yo]ce4y + infixed versions | 589 | 466 | 0.000206 | 0.000024 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 233 | kc-initial | eda | 322 | 784 | 0.000206 | 0.000039 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 234 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | ek[yo] | 733 | 255 | 0.000206 | 0.000082 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 235 | ai4r | aro[dlrsmg] | 483 | 105 | 0.000206 | 0.000172 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 236 | [yo][fptk]e4od + y | [yo]kai0-4n | 284 | 1067 | 0.000206 | 0.000006 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 237 | [yo][fptk]e4od + y | okai0-4n | 284 | 994 | 0.000206 | 0.000019 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 238 | [yo][fptk]e4od | ol[dtk] | 355 | 842 | 0.000206 | 0.000008 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 239 | ai4[dlrsmg] | yodai0-4n | 930 | 448 | 0.000206 | -0.000069 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 240 | ai4[dlrsmg] | odai0-4n | 930 | 408 | 0.000206 | -0.000045 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 241 | ai4[dlrsmg] | [yo]d[ao]i0-4n | 930 | 450 | 0.000206 | -0.000071 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 242 | ai4[dlrsmg] | ke4dy | 930 | 217 | 0.000206 | 0.000072 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 243 | ai4[dlrsmg] | od[ao]i0-4n | 930 | 410 | 0.000206 | -0.000046 | 8 | 1 | 7 | 0.000180 | 0.88889 |
| 244 | ai4n | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 589 | 2060 | 0.000796 | -0.000004 | 31 | 4 | 27 | 0.000694 | 0.88571 |
| 245 | [dlrsmg \| fptk] + ai4[dlrsmg] | ai4r | 1444 | 483 | 0.001156 | 0.000696 | 45 | 6 | 39 | 0.001002 | 0.88235 |
| 246 | ai4[lr] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 782 | 2060 | 0.000771 | -0.000293 | 30 | 4 | 26 | 0.000668 | 0.88235 |
| 247 | ai4[lr] | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 782 | 222 | 0.000385 | 0.000271 | 15 | 2 | 13 | 0.000334 | 0.88235 |
| 248 | ai4[dlrsmg \| n] | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 1519 | 623 | 0.000385 | -0.000239 | 15 | 2 | 13 | 0.000334 | 0.88235 |
| 249 | ce4y | [fptk]ai4[lr] | 737 | 190 | 0.000385 | 0.000293 | 15 | 2 | 13 | 0.000334 | 0.88235 |
| 250 | ai4[dlrsmg] | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 930 | 222 | 0.000385 | 0.000249 | 15 | 2 | 13 | 0.000334 | 0.88235 |
| 251 | ai4[dlrsmg] | cse4y | 930 | 578 | 0.000385 | 0.000031 | 15 | 2 | 13 | 0.000334 | 0.88235 |
| 252 | ai4n | ce4y | 589 | 737 | 0.000385 | 0.000099 | 15 | 2 | 13 | 0.000334 | 0.88235 |
| 253 | pc-initial | [yo][fptk][ao][lr] | 307 | 2688 | 0.000385 | -0.000159 | 15 | 2 | 13 | 0.000334 | 0.88235 |
| 254 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | o[fptk]ai4n | 230 | 1598 | 0.000385 | 0.000143 | 15 | 2 | 13 | 0.000334 | 0.88235 |
| 255 | pc-initial | [dlrsmg \| fptk] + ai4[dlrsmg] | 307 | 1444 | 0.000385 | 0.000093 | 15 | 2 | 13 | 0.000334 | 0.88235 |
| 256 | [q \| fptk \| dlrsmg] + oi0-4[lr] | e-initial | 1819 | 68 | 0.000385 | 0.000304 | 15 | 2 | 13 | 0.000334 | 0.88235 |
| 257 | cse4dy | okc + e0-4 + y \| dy \| o[dlrs]y | 585 | 563 | 0.000385 | 0.000168 | 15 | 2 | 13 | 0.000334 | 0.88235 |
| 258 | cse4dy | c + c[s \| fptk]e4y | 585 | 1624 | 0.000385 | -0.000242 | 15 | 2 | 13 | 0.000334 | 0.88235 |
| 259 | ai4n | o[fptk]ai4n | 589 | 1598 | 0.000951 | 0.000329 | 37 | 5 | 32 | 0.000822 | 0.88095 |
| 260 | oe0-4s | ai4n | 632 | 589 | 0.001516 | 0.001270 | 59 | 8 | 51 | 0.001310 | 0.88060 |
| 261 | [yo]te4os | ai4[dlrsmg \| n] | 60 | 1519 | 0.000565 | 0.000505 | 22 | 3 | 19 | 0.000488 | 0.88000 |
| 262 | [dlrsmg] + ai4[lr] + y-suffix | ai4r | 1035 | 483 | 0.000745 | 0.000415 | 29 | 4 | 25 | 0.000642 | 0.87879 |
| 263 | ai4[dlrsmg \| n] | ce4y | 1519 | 737 | 0.000745 | 0.000006 | 29 | 4 | 25 | 0.000642 | 0.87879 |
| 264 | ai4[lr] | c + c[s \| fptk]e4y | 782 | 1624 | 0.000745 | -0.000093 | 29 | 4 | 25 | 0.000642 | 0.87879 |
| 265 | o[fptk]e4os | ai4[dlrsmg \| n] | 106 | 1519 | 0.000745 | 0.000639 | 29 | 4 | 25 | 0.000642 | 0.87879 |
| 266 | [fp]c-Initial | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 387 | 3168 | 0.000719 | -0.000090 | 28 | 4 | 24 | 0.000617 | 0.87500 |
| 267 | ai4r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 483 | 2060 | 0.000540 | -0.000117 | 21 | 3 | 18 | 0.000462 | 0.87500 |
| 268 | ai4[dlrsmg \| n] | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 1519 | 222 | 0.000540 | 0.000317 | 21 | 3 | 18 | 0.000462 | 0.87500 |
| 269 | o[lr]o | y-initial | 274 | 1926 | 0.000540 | 0.000191 | 21 | 3 | 18 | 0.000462 | 0.87500 |
| 270 | ea | cse4dy | 1195 | 585 | 0.000360 | -0.000102 | 14 | 2 | 12 | 0.000308 | 0.87500 |
| 271 | ea | c[s \| fptk]e4dy | 1195 | 622 | 0.000360 | -0.000131 | 14 | 2 | 12 | 0.000308 | 0.87500 |
| 272 | ote4dy | o-axis of [yo][fptk][ao][lr] | 509 | 764 | 0.000360 | 0.000103 | 14 | 2 | 12 | 0.000308 | 0.87500 |
| 273 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | o[fptk]ai4n | 186 | 1598 | 0.000360 | 0.000163 | 14 | 2 | 12 | 0.000308 | 0.87500 |
| 274 | [yo]ke4o | [dlrsmg \| fptk] + ai4[dlrsmg] | 89 | 1444 | 0.000360 | 0.000275 | 14 | 2 | 12 | 0.000308 | 0.87500 |
| 275 | ai4[dlrsmg \| n] | o[fptk]c + e0-4dy | 1519 | 554 | 0.000360 | -0.000196 | 14 | 2 | 12 | 0.000308 | 0.87500 |
| 276 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 158 | 2060 | 0.000360 | 0.000145 | 14 | 2 | 12 | 0.000308 | 0.87500 |
| 277 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | ke4dy | 1227 | 217 | 0.000360 | 0.000184 | 14 | 2 | 12 | 0.000308 | 0.87500 |
| 278 | ai4[dlrsmg] | ce4y | 930 | 737 | 0.000360 | -0.000093 | 14 | 2 | 12 | 0.000308 | 0.87500 |
| 279 | ai4r | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 483 | 222 | 0.000360 | 0.000289 | 14 | 2 | 12 | 0.000308 | 0.87500 |
| 280 | [fp]c-Initial | [yo][fp][yoa] | 387 | 339 | 0.000360 | 0.000273 | 14 | 2 | 12 | 0.000308 | 0.87500 |
| 281 | lk-initial | [dlrsmg \| fptk] + ai4n | 454 | 1724 | 0.000360 | -0.000157 | 14 | 2 | 12 | 0.000308 | 0.87500 |
| 282 | oi | ek[yoa] | 304 | 446 | 0.000180 | 0.000090 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 283 | [yo]ke4os | ai4[dlrsmg \| n] | 46 | 1519 | 0.000180 | 0.000134 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 284 | od[ao]i0-4[lrm \| n] | o[fptk]c + e0-4o | 813 | 101 | 0.000180 | 0.000126 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 285 | ai4[dlrsmg \| n] | eky | 1519 | 217 | 0.000180 | -0.000038 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 286 | ai4[dlrsmg \| n] | yce4y + infixed versions | 1519 | 87 | 0.000180 | 0.000093 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 287 | okal variants | cear variants | 544 | 365 | 0.000180 | 0.000049 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 288 | okal variants | cear verbs | 544 | 303 | 0.000180 | 0.000071 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 289 | o[fptk \| dlrsmg][ao]m | [yo]ce4y + infixed versions | 280 | 466 | 0.000180 | 0.000094 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 290 | [yo]d[ao]i0-4n | [yo][fp][yoa] | 450 | 339 | 0.000180 | 0.000079 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 291 | Consonant Clusters | ai4n | 115 | 589 | 0.000180 | 0.000135 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 292 | [yo][fp]ai0-4[rn] | [dlrsmg \| fptk] + ai4[dlrsmg] | 111 | 1444 | 0.000180 | 0.000074 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 293 | sai4n | c[s \| fptk]e4dy | 258 | 622 | 0.000180 | 0.000074 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 294 | sai4n | cse4dy | 258 | 585 | 0.000180 | 0.000080 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 295 | okal variants | sai4n | 544 | 258 | 0.000180 | 0.000087 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 296 | [fp]c-Initial | o[lr][yo] | 387 | 583 | 0.000180 | 0.000031 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 297 | [yo][fptk]e4ol | [dlrsmg]ai4[lr] | 322 | 875 | 0.000180 | -0.000006 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 298 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | otol variants | 519 | 239 | 0.000180 | 0.000098 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 299 | od endings + odcey relatives | l[fptk] Prefixes | 275 | 514 | 0.000180 | 0.000087 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 300 | cke4[yo] | [yo][fptk]e4ol | 172 | 322 | 0.000180 | 0.000143 | 7 | 1 | 6 | 0.000154 | 0.87500 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 301 | [dlrsmg]ai4[lr] | c \| cs + e0-4d | 875 | 89 | 0.000180 | 0.000128 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 302 | e-initial | ai4[dlrsmg \| n] | 68 | 1519 | 0.000180 | 0.000112 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 303 | rc-initial | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 76 | 3168 | 0.000180 | 0.000021 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 304 | y[fptk]-initial | [yo]ce4y + s infixes | 1295 | 172 | 0.000180 | 0.000033 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 305 | [tk]e4o | o[fptk]e4dy | 206 | 1444 | 0.000180 | -0.000016 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 306 | eka | ceckey relatives | 191 | 377 | 0.000180 | 0.000132 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 307 | [ao][lr][ao][lr] Pipe/Flow | dc-initial | 843 | 454 | 0.000180 | -0.000073 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 308 | c[fptk]e4y | [yo]ke4o[dlrsmg] | 310 | 584 | 0.000180 | 0.000060 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 309 | o[fptk]e4os | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 106 | 2246 | 0.000180 | 0.000023 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 310 | [yo][fptk]e4od + y | ol[dtk] | 284 | 842 | 0.000180 | 0.000022 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 311 | cteo-initial | [dlrsmg]e0-4y | 220 | 453 | 0.000180 | 0.000114 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 312 | otc + e0-4 + y \| dy \| o[dlrs]y | cteo-initial | 493 | 220 | 0.000180 | 0.000108 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 313 | otc + e0-4 + y \| dy \| o[dlrs]y | [dlrsmg]e0-4y | 493 | 453 | 0.000180 | 0.000032 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 314 | otc + e0-4 + y \| dy \| o[dlrs]y | [fptk]e0-4y | 493 | 161 | 0.000180 | 0.000127 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 315 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | eky | 733 | 217 | 0.000180 | 0.000075 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 316 | ol[tk] | [yo]ke4ol | 621 | 223 | 0.000180 | 0.000088 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 317 | od endings + odcey relatives | lk-initial | 275 | 454 | 0.000180 | 0.000097 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 318 | eky | o-axis of [yo][fptk][ao][lr] | 217 | 764 | 0.000180 | 0.000070 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 319 | odai0-4[lrm \| n] | o[fptk]c + e0-4o | 767 | 101 | 0.000180 | 0.000129 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 320 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | ai4r | 230 | 483 | 0.000180 | 0.000107 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 321 | [yo]ke4o[lr] | [dlrsmg \| fptk] + ai4[dlrsmg] | 319 | 1444 | 0.000180 | -0.000124 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 322 | [yo]ke4o[lr] | oi4[dlrsmg \| n] | 319 | 1124 | 0.000180 | -0.000057 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 323 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | oi4n Superset | 809 | 257 | 0.000180 | 0.000043 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 324 | te4dy | [dlrsmg \| fptk] + ai4[dlrsmg] | 91 | 1444 | 0.000180 | 0.000093 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 325 | dc-initial | oc[fptk]e4y | 454 | 289 | 0.000180 | 0.000093 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 326 | dc-initial | [tk]e4dy | 454 | 309 | 0.000180 | 0.000087 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 327 | od[ao]i0-4n | cse4o | 410 | 205 | 0.000180 | 0.000124 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 328 | dc-initial | [yo][fptk]e4od | 454 | 355 | 0.000180 | 0.000073 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 329 | [yo]ke4o[lr] | [dlrsmg] + ai4[lr] + y-suffix | 319 | 1035 | 0.000180 | -0.000038 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 330 | [yo]ke4o[lr] | [dlrsmg]ai4[lr] | 319 | 875 | 0.000180 | -0.000004 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 331 | ai4n | ote4dy | 589 | 509 | 0.000180 | -0.000018 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 332 | ol[tk] | otol variants | 621 | 239 | 0.000180 | 0.000082 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 333 | [yo]ke4od | o[fptk]ai4n | 207 | 1598 | 0.000180 | -0.000038 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 334 | ai4l | o[tk]e0-4y | 306 | 2042 | 0.000180 | -0.000233 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 335 | ai4[dlrsmg] | [fptk]e0-4y | 930 | 161 | 0.000180 | 0.000081 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 336 | [yo][fp]a | oi4[dlrsmg \| n] | 200 | 1124 | 0.000180 | 0.000031 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 337 | ai4[dlrsmg] | g | 930 | 132 | 0.000180 | 0.000099 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 338 | ol[ds] | otc + e4or | 315 | 58 | 0.000180 | 0.000168 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 339 | otce0-4y | cteo-initial | 281 | 220 | 0.000180 | 0.000139 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 340 | opal variants | [dlrsmg \| fptk] + ai4n | 42 | 1724 | 0.000180 | 0.000132 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 341 | otal variants | a[lr][ao][lr] | 333 | 391 | 0.000180 | 0.000094 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 342 | opc + e0-4 + y \| dy \| o[dlrs]y | oke0-4y | 302 | 1314 | 0.000180 | -0.000082 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 343 | oi4n | edy | 58 | 4981 | 0.000180 | -0.000011 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 344 | yodai0-4[lr] | cse4o | 348 | 205 | 0.000180 | 0.000133 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 345 | ol[oa] | [yo]ke4o[lr] | 401 | 319 | 0.000180 | 0.000095 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 346 | oke4dy | om + o[fptk \| dlrsmg]am | 933 | 454 | 0.000180 | -0.000100 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 347 | od[ao]i0-4r | ai4n | 215 | 589 | 0.000180 | 0.000096 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 348 | [dlrsmg \| fptk] + ai4n | olai0-4n | 1724 | 126 | 0.000180 | 0.000036 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 349 | a-axis of [yo][fptk][ao][lr] | [dlrsmg]ai4m | 1731 | 149 | 0.000180 | 0.000010 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 350 | c[fptk]c polygraph | [dlrsmg \| fptk] + ai4n | 99 | 1724 | 0.000180 | 0.000067 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 351 | sai4n | el[yo] | 258 | 255 | 0.000180 | 0.000136 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 352 | sai4n | eky | 258 | 217 | 0.000180 | 0.000143 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 353 | sai4n | cse4y | 258 | 578 | 0.000180 | 0.000081 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 354 | oi4[dlrsmg \| n] | e-initial | 1124 | 68 | 0.000180 | 0.000129 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 355 | [dlrsmg] + ai4r | cse4dy | 190 | 585 | 0.000180 | 0.000106 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 356 | cear verbs | [yo]dy endings | 303 | 1228 | 0.000180 | -0.000066 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 357 | otai0-4n | [dlrsmg] + ai4[lr] + y-suffix | 430 | 1035 | 0.000180 | -0.000114 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 358 | oa | [yo]te4o[dlrsmg] | 321 | 341 | 0.000180 | 0.000108 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 359 | o[fptk]e4os | [ao][lr][ao][lr] Pipe/Flow | 106 | 843 | 0.000180 | 0.000121 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 360 | oda | o[fptk]c + e0-4o | 847 | 101 | 0.000180 | 0.000123 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 361 | ai4[dlrsmg \| n] | [yo]c + e4dy | 1519 | 110 | 0.000180 | 0.000070 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 362 | ai4[dlrsmg \| n] | c[fptk]e4y | 1519 | 310 | 0.000180 | -0.000131 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 363 | ai4[dlrsmg \| n] | et[yo] | 1519 | 115 | 0.000180 | 0.000065 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 364 | ke4dy | [yo]kai0-4n | 217 | 1067 | 0.000180 | 0.000027 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 365 | ke4dy | ote0-4y | 217 | 731 | 0.000180 | 0.000075 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 366 | ke4dy | okai0-4n | 217 | 994 | 0.000180 | 0.000037 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 367 | a[lr][ao][lr] | dairol/soral relatives | 391 | 190 | 0.000180 | 0.000131 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 368 | ceal verbs | Single-Letter Words | 230 | 566 | 0.000180 | 0.000094 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 369 | [tk]e4dy | o[fptk \| dlrsmg][ao]m | 309 | 280 | 0.000180 | 0.000123 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 370 | okar variants | [yo]d[ao]i0-4[lr] | 493 | 393 | 0.000180 | 0.000052 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 371 | edy | [yo]te4or | 4981 | 31 | 0.000180 | 0.000078 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 372 | dc-initial | [yo]c[fptk]e4y | 454 | 294 | 0.000180 | 0.000092 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 373 | e-initial | o[tk]e0-4y | 68 | 2042 | 0.000180 | 0.000088 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 374 | o[lr][yoa] | otce0-4dy | 1044 | 172 | 0.000180 | 0.000061 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 375 | o[lr][yoa] | ce4o | 1044 | 160 | 0.000180 | 0.000070 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 376 | y-initial | oe4y | 1926 | 66 | 0.000180 | 0.000096 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 377 | y-initial | [yo]te4os | 1926 | 60 | 0.000180 | 0.000104 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 378 | odai0-4[lr] | cse4o | 326 | 205 | 0.000180 | 0.000136 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 379 | ai4l | o[lr][yoa] | 306 | 1044 | 0.000180 | -0.000031 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 380 | ai4l | o[lr][oa] | 306 | 735 | 0.000180 | 0.000031 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 381 | [fptk] + c \| c[s \| fptk] + e4dy | [dlrsmg \| fptk] + ai4[dlrsmg] | 196 | 1444 | 0.000180 | -0.000007 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 382 | [yo]d[ao]i0-4l | dai4n | 165 | 1140 | 0.000180 | 0.000056 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 383 | olk | otol variants | 557 | 239 | 0.000180 | 0.000092 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 384 | o[fptk]e4dy | eta | 1444 | 71 | 0.000180 | 0.000112 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 385 | [yo]d[ao]i0-4[lrm \| n] | o[fptk]c + e0-4o | 880 | 101 | 0.000180 | 0.000121 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 386 | ol[dtk] | otc + e4or | 842 | 58 | 0.000180 | 0.000148 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 387 | [yo]dy endings | [yo]te4o | 1228 | 49 | 0.000180 | 0.000140 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 388 | g | so | 132 | 378 | 0.000180 | 0.000147 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 389 | [yo]c + e4o Superclass | [yo][fptk]e4od | 345 | 355 | 0.000180 | 0.000099 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 390 | cse4y | [tk]e4dy | 578 | 309 | 0.000180 | 0.000062 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 391 | cse4y | [fptk] + c \| c[s \| fptk] + e4dy | 578 | 196 | 0.000180 | 0.000105 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 392 | rai4n | c[s \| fptk]e4y | 115 | 887 | 0.000180 | 0.000113 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 393 | olk | [yo]ke4o[lr] | 557 | 319 | 0.000180 | 0.000063 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 394 | olk | [yo]ke4ol | 557 | 223 | 0.000180 | 0.000098 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 395 | o[fptk]c + e0-4y | otc + e4ol | 753 | 66 | 0.000180 | 0.000147 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 396 | o[fptk]c + e0-4y | o[fptk]c + e0-4o | 753 | 101 | 0.000180 | 0.000130 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 397 | [dlrsmg \| fptk] + ai4[dlrsmg] | dcedy relatives | 1444 | 85 | 0.000180 | 0.000099 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 398 | c \| cs + e0-4l | Single-Letter Words | 64 | 566 | 0.000180 | 0.000156 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 399 | c \| cs + e0-4l | lk-initial | 64 | 454 | 0.000180 | 0.000161 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 400 | [dlrsmg \| fptk] + ai4[dlrsmg] | rai4n | 1444 | 115 | 0.000180 | 0.000070 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 401 | [fptk]ai4[dlrsmg \| n] | [yo]tai0-4n | 411 | 490 | 0.000180 | 0.000047 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 402 | [yo]d[ao]i0-4r | ai4n | 228 | 589 | 0.000180 | 0.000091 | 7 | 1 | 6 | 0.000154 | 0.87500 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 403 | [dlrsmg]ai4m | so | 149 | 378 | 0.000180 | 0.000143 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 404 | yodai0-4[lrm \| n] | [yo][fp]a | 832 | 200 | 0.000180 | 0.000070 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 405 | olcey relatives (non -edy) | lc-initial | 138 | 457 | 0.000180 | 0.000138 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 406 | el[yoa] | o[lr]y | 446 | 318 | 0.000180 | 0.000086 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 407 | yodai0-4n | [yo][fp][yoa] | 448 | 339 | 0.000180 | 0.000080 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 408 | x | ai4[dlrsmg \| n] | 37 | 1519 | 0.000180 | 0.000143 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 409 | oe | opc + e0-4 + y \| dy \| o[dlrs]y | 463 | 302 | 0.000180 | 0.000088 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 410 | edy | cedam variants | 4981 | 30 | 0.000180 | 0.000081 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 411 | c \| c[s \| fptk] + e4dy | [yo]ke4od | 1395 | 207 | 0.000180 | -0.000011 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 412 | ece Noun | [dlrsmg \| fptk] + ai4[dlrsmg] | 142 | 1444 | 0.000180 | 0.000044 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 413 | olai0-4n | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 126 | 2060 | 0.000180 | 0.000009 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 414 | olai0-4n | c + c[s \| fptk]e4y | 126 | 1624 | 0.000180 | 0.000045 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 415 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | o[fptk]c + e0-4o | 1421 | 101 | 0.000180 | 0.000085 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 416 | o + c \| cs + e4o[lr] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 88 | 1227 | 0.000180 | 0.000109 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 417 | [dlrsmg] + ai4[lr] + y-suffix | c \| cs + e0-4d | 1035 | 89 | 0.000180 | 0.000119 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 418 | ol[oa] | [yo]ke4ol | 401 | 223 | 0.000180 | 0.000121 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 419 | ol[yo] | so | 388 | 378 | 0.000180 | 0.000083 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 420 | oce4y + s infixes | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 90 | 2246 | 0.000180 | 0.000046 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 421 | cte4y | [yo][fptk]e4o[dlrsmg] | 186 | 924 | 0.000180 | 0.000066 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 422 | yodai0-4[lrm \| n] | o[fptk]c + e0-4o | 832 | 101 | 0.000180 | 0.000124 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 423 | c \| cs + e0-4l | l[fptk] Prefixes | 64 | 514 | 0.000180 | 0.000158 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 424 | c + c[s \| fptk]e4y | l-prefix + [fptk]e0-4y | 1624 | 80 | 0.000180 | 0.000094 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 425 | c[s \| fptk]e4y | [tk]e4dy | 887 | 309 | 0.000180 | -0.000001 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 426 | c[s \| fptk]e4y | [fptk] + c \| c[s \| fptk] + e4dy | 887 | 196 | 0.000180 | 0.000065 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 427 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | dc-initial | 623 | 454 | 0.000180 | -0.000007 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 428 | [yo]dy endings | [yo][fptk]e4o | 1228 | 88 | 0.000180 | 0.000109 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 429 | cectey relatives | [yo][fptk]e4o[dlrsmg] | 197 | 924 | 0.000180 | 0.000060 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 430 | ote4dy | otol variants | 509 | 239 | 0.000180 | 0.000100 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 431 | c \| c[s \| fptk] + e4dy | [yo]te4o[lr] | 1395 | 130 | 0.000180 | 0.000060 | 7 | 1 | 6 | 0.000154 | 0.87500 |
| 432 | c[s \| fptk]e4dy | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 622 | 2060 | 0.000514 | -0.000332 | 20 | 3 | 17 | 0.000437 | 0.86957 |
| 433 | ai4r | c + c[s \| fptk]e4y | 483 | 1624 | 0.000514 | -0.000004 | 20 | 3 | 17 | 0.000437 | 0.86957 |
| 434 | otal variants | [dlrsmg \| fptk] + ai4[dlrsmg] | 333 | 1444 | 0.000668 | 0.000351 | 26 | 4 | 22 | 0.000565 | 0.86667 |
| 435 | ai4[lr] | cse4y | 782 | 578 | 0.000334 | 0.000036 | 13 | 2 | 11 | 0.000283 | 0.86667 |
| 436 | [tk]e4dy | o[fptk]ai4n | 309 | 1598 | 0.000334 | 0.000008 | 13 | 2 | 11 | 0.000283 | 0.86667 |
| 437 | ai4[lr] | ce4y | 782 | 737 | 0.000334 | -0.000046 | 13 | 2 | 11 | 0.000283 | 0.86667 |
| 438 | ai4[lr] | ce4dy | 782 | 755 | 0.000334 | -0.000056 | 13 | 2 | 11 | 0.000283 | 0.86667 |
| 439 | ai4[dlrsmg \| n] | o[fptk \| dlrsmg][ao]m | 1519 | 280 | 0.000334 | 0.000053 | 13 | 2 | 11 | 0.000283 | 0.86667 |
| 440 | oa | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 321 | 733 | 0.000334 | 0.000179 | 13 | 2 | 11 | 0.000283 | 0.86667 |
| 441 | oi4[dlrsmg \| n] | ke4dy | 1124 | 217 | 0.000334 | 0.000173 | 13 | 2 | 11 | 0.000283 | 0.86667 |
| 442 | c[fptk]e4y | [yo][fptk]e4o[dlrsmg] | 310 | 924 | 0.000334 | 0.000145 | 13 | 2 | 11 | 0.000283 | 0.86667 |
| 443 | ai4n | c \| c[s \| fptk] + e4dy | 589 | 1395 | 0.000334 | -0.000208 | 13 | 2 | 11 | 0.000283 | 0.86667 |
| 444 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | qo variants | 2060 | 59 | 0.000334 | 0.000254 | 13 | 2 | 11 | 0.000283 | 0.86667 |
| 445 | [fptk]ai4[dlrsmg \| n] | olk | 411 | 557 | 0.000334 | 0.000183 | 13 | 2 | 11 | 0.000283 | 0.86667 |
| 446 | [yo]te4os | ai4n | 60 | 589 | 0.000334 | 0.000311 | 13 | 2 | 11 | 0.000283 | 0.86667 |
| 447 | oke4dy | otal variants | 933 | 333 | 0.000334 | 0.000129 | 13 | 2 | 11 | 0.000283 | 0.86667 |
| 448 | [yo][fp][yoa] | [dlrsmg] + ai4[lr] + y-suffix | 339 | 1035 | 0.000334 | 0.000102 | 13 | 2 | 11 | 0.000283 | 0.86667 |
| 449 | Consonant Clusters | ai4[lr] | 115 | 782 | 0.000334 | 0.000275 | 13 | 2 | 11 | 0.000283 | 0.86667 |
| 450 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | c[s \| fptk]e4dy | 809 | 622 | 0.000822 | 0.000490 | 32 | 5 | 27 | 0.000694 | 0.86486 |
| 451 | o[fptk]e4dy | otal variants | 1444 | 333 | 0.000488 | 0.000171 | 19 | 3 | 16 | 0.000411 | 0.86364 |
| 452 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | [tk]e4dy | 1227 | 309 | 0.000488 | 0.000238 | 19 | 3 | 16 | 0.000411 | 0.86364 |
| 453 | om + o[fptk \| dlrsmg]am | [yo]c + e4o Superclass | 454 | 345 | 0.000488 | 0.000385 | 19 | 3 | 16 | 0.000411 | 0.86364 |
| 454 | oke4dy | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 933 | 809 | 0.000488 | -0.000010 | 19 | 3 | 16 | 0.000411 | 0.86364 |
| 455 | ai4n | [yo]dy endings | 589 | 1228 | 0.000642 | 0.000165 | 25 | 4 | 21 | 0.000540 | 0.86207 |
| 456 | ai4n | edy | 589 | 4981 | 0.001259 | -0.000678 | 49 | 8 | 41 | 0.001053 | 0.85965 |
| 457 | ai4l | edy | 306 | 4981 | 0.000925 | -0.000081 | 36 | 6 | 30 | 0.000771 | 0.85714 |
| 458 | [fp]c-Initial | [dlrsmg \| fptk] + ai4[dlrsmg] | 387 | 1444 | 0.000462 | 0.000094 | 18 | 3 | 15 | 0.000385 | 0.85714 |
| 459 | ai4[dlrsmg \| n] | oke4dy | 1519 | 933 | 0.000462 | -0.000473 | 18 | 3 | 15 | 0.000385 | 0.85714 |
| 460 | cear variants | om + o[fptk \| dlrsmg]am | 365 | 454 | 0.000308 | 0.000199 | 12 | 2 | 10 | 0.000257 | 0.85714 |
| 461 | o[fptk]e4os | ai4[dlrsmg] | 106 | 930 | 0.000308 | 0.000243 | 12 | 2 | 10 | 0.000257 | 0.85714 |
| 462 | [sr]c-Initial | [dlrsmg \| fptk] + ai4n | 179 | 1724 | 0.000308 | 0.000105 | 12 | 2 | 10 | 0.000257 | 0.85714 |
| 463 | oke4dy | o[fptk]eda[lrsm \| n] | 933 | 184 | 0.000308 | 0.000195 | 12 | 2 | 10 | 0.000257 | 0.85714 |
| 464 | a-axis of [yo][fptk][ao][lr] | sai4n | 1731 | 258 | 0.000308 | 0.000014 | 12 | 2 | 10 | 0.000257 | 0.85714 |
| 465 | c + c[s \| fptk]e4y | [yo]c[fptk]e4y | 1624 | 294 | 0.000308 | -0.000007 | 12 | 2 | 10 | 0.000257 | 0.85714 |
| 466 | cteo-initial | oe0-4s | 220 | 632 | 0.000308 | 0.000217 | 12 | 2 | 10 | 0.000257 | 0.85714 |
| 467 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | ce4a | 519 | 1009 | 0.000308 | -0.000037 | 12 | 2 | 10 | 0.000257 | 0.85714 |
| 468 | okar variants | el[yo] | 493 | 255 | 0.000308 | 0.000225 | 12 | 2 | 10 | 0.000257 | 0.85714 |
| 469 | okar variants | eky | 493 | 217 | 0.000308 | 0.000238 | 12 | 2 | 10 | 0.000257 | 0.85714 |
| 470 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | cean variants | 809 | 255 | 0.000308 | 0.000172 | 12 | 2 | 10 | 0.000257 | 0.85714 |
| 471 | cedar variants | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 176 | 2060 | 0.000308 | 0.000069 | 12 | 2 | 10 | 0.000257 | 0.85714 |
| 472 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | cteo-initial | 1421 | 220 | 0.000308 | 0.000102 | 12 | 2 | 10 | 0.000257 | 0.85714 |
| 473 | o[tk]e0-4y | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 2042 | 222 | 0.000308 | 0.000009 | 12 | 2 | 10 | 0.000257 | 0.85714 |
| 474 | e[tk]o | [yo][fptk][ao][lr] | 60 | 2688 | 0.000308 | 0.000202 | 12 | 2 | 10 | 0.000257 | 0.85714 |
| 475 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 186 | 3168 | 0.000308 | -0.000081 | 12 | 2 | 10 | 0.000257 | 0.85714 |
| 476 | [fptk]ai4[dlrsmg \| n] | eda | 411 | 784 | 0.000308 | 0.000096 | 12 | 2 | 10 | 0.000257 | 0.85714 |
| 477 | o[lr]o | y[fptk]-initial | 274 | 1295 | 0.000308 | 0.000074 | 12 | 2 | 10 | 0.000257 | 0.85714 |
| 478 | [dlrsmg \| fptk] + ai4n | oy + oe4y | 1724 | 207 | 0.000308 | 0.000073 | 12 | 2 | 10 | 0.000257 | 0.85714 |
| 479 | a-axis of [yo][fptk][ao][lr] | otam variants | 1731 | 88 | 0.000308 | 0.000208 | 12 | 2 | 10 | 0.000257 | 0.85714 |
| 480 | c + c[s \| fptk]e4y | oc[fptk]e4y | 1624 | 289 | 0.000308 | -0.000001 | 12 | 2 | 10 | 0.000257 | 0.85714 |
| 481 | [q \| fptk \| dlrsmg] + oi0-4[lr] | aro[dlrsmg] | 1819 | 105 | 0.000308 | 0.000182 | 12 | 2 | 10 | 0.000257 | 0.85714 |
| 482 | [q \| fptk \| dlrsmg] + oi0-4[lr] | yd[ao]i0-4[lrm \| n] | 1819 | 67 | 0.000154 | 0.000074 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 483 | [yo]te4os | ai4[lr] | 60 | 782 | 0.000154 | 0.000123 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 484 | ola | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 228 | 1421 | 0.000154 | -0.000060 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 485 | okce0-4dy | o-axis of [yo][fptk][ao][lr] | 188 | 764 | 0.000154 | 0.000059 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 486 | oo + oe4o | ea | 133 | 1195 | 0.000154 | 0.000049 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 487 | cke4y | o[tk]e0-4y | 93 | 2042 | 0.000154 | 0.000029 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 488 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4oly | [yo][fptk][ao][lr] | 44 | 2688 | 0.000154 | 0.000076 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 489 | ote4dy | otal variants | 509 | 333 | 0.000154 | 0.000042 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 490 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | otol variants | 445 | 239 | 0.000154 | 0.000084 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 491 | Single-Letter Words | otce0-4y | 566 | 281 | 0.000154 | 0.000049 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 492 | od[ao]i0-4l | dai4n | 154 | 1140 | 0.000154 | 0.000038 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 493 | od[ao]i0-4l | om + o[fptk \| dlrsmg]am | 154 | 454 | 0.000154 | 0.000108 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 494 | oe0-4s | o[dlrs]ce4y Superset | 632 | 196 | 0.000154 | 0.000072 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 495 | cte4y | o-axis of [yo][fptk][ao][lr] | 186 | 764 | 0.000154 | 0.000060 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 496 | olai0-4n | oda | 126 | 847 | 0.000154 | 0.000084 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 497 | ece Adjective | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 69 | 1421 | 0.000154 | 0.000089 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 498 | o[fptk]eda[lrsm \| n] | or[oa] | 184 | 340 | 0.000154 | 0.000113 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 499 | cean variants | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 255 | 623 | 0.000154 | 0.000049 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 500 | cean verbs | okc + e0-4 + y \| dy \| o[dlrs]y | 213 | 563 | 0.000154 | 0.000075 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 501 | [fptk]e0-4y | [yo]kai0-4n | 161 | 1067 | 0.000154 | 0.000041 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 502 | [fptk]e0-4y | okai0-4n | 161 | 994 | 0.000154 | 0.000049 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 503 | [dlrsmg \| fptk] + ai4[dlrsmg] | ce0-4s | 1444 | 165 | 0.000154 | -0.000003 | 6 | 1 | 5 | 0.000128 | 0.85714 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 504 | o + c \| cs + e4or | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 40 | 2246 | 0.000154 | 0.000095 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 505 | ek[yoa] | [yo]ke4o[dlrsmg] | 446 | 584 | 0.000154 | -0.000018 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 506 | o[lr][oa] | old | 735 | 225 | 0.000154 | 0.000045 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 507 | oc[fptk]e4y | o[fptk]e4dy | 289 | 1444 | 0.000154 | -0.000121 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 508 | yodai0-4[lrm \| n] | ek[yo] | 832 | 255 | 0.000154 | 0.000014 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 509 | o[fptk]c + e0-4y | [tk]y | 753 | 52 | 0.000154 | 0.000128 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 510 | o[fptk]c + e0-4y | [fptk]ai4n | 753 | 191 | 0.000154 | 0.000059 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 511 | c + e4dy | ceam variants | 3053 | 76 | 0.000154 | 0.000001 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 512 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | ai4r | 186 | 483 | 0.000154 | 0.000095 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 513 | [yo]d[ao]i0-4[lrm \| n] | [yo]pa | 880 | 141 | 0.000154 | 0.000072 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 514 | ek[yo] | okol variants | 255 | 285 | 0.000154 | 0.000106 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 515 | [yo][fp][yoa] | [dlrsmg]e0-4y | 339 | 453 | 0.000154 | 0.000053 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 516 | o[tk]e0-4y | Consonant Clusters | 2042 | 115 | 0.000154 | -0.000001 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 517 | olai0-4n | yodai0-4[lrm \| n] | 126 | 832 | 0.000154 | 0.000085 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 518 | olai0-4n | [yo]d[ao]i0-4[lrm \| n] | 126 | 880 | 0.000154 | 0.000081 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 519 | olai0-4n | ce4y | 126 | 737 | 0.000154 | 0.000093 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 520 | ea | ece polygraph | 1195 | 219 | 0.000154 | -0.000019 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 521 | [dlrsmg] + ai4[lr] + y-suffix | ce0-4s | 1035 | 165 | 0.000154 | 0.000041 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 522 | [dlrsmg] + ai4[lr] + y-suffix | rai4n | 1035 | 115 | 0.000154 | 0.000076 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 523 | [dlrsmg] + ai4[lr] + y-suffix | c \| cs + e0-4s | 1035 | 188 | 0.000154 | 0.000026 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 524 | c \| c[fptk] + e4o | ke4o | 228 | 137 | 0.000154 | 0.000134 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 525 | c \| c[fptk] + e4o | [tk]e4o | 228 | 206 | 0.000154 | 0.000123 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 526 | ol[yoa] | kc-initial | 614 | 322 | 0.000154 | 0.000024 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 527 | oe | oc[fptk]e4y | 463 | 289 | 0.000154 | 0.000066 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 528 | oe | [yo]c[fptk]e4y | 463 | 294 | 0.000154 | 0.000064 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 529 | [yo]ce4y + s infixes | otai0-4n | 172 | 430 | 0.000154 | 0.000105 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 530 | [yo]d[ao]i0-4[lrm \| n] | ek[yo] | 880 | 255 | 0.000154 | 0.000006 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 531 | [yo]dy endings | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 1228 | 230 | 0.000154 | -0.000032 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 532 | [yo]dy endings | [yo]te4os | 1228 | 60 | 0.000154 | 0.000106 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 533 | ol[dtk] | o[fptk][dlrsmg] | 842 | 68 | 0.000154 | 0.000116 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 534 | ol[dtk] | [sr]c-Initial | 842 | 179 | 0.000154 | 0.000055 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 535 | o[fptk]e4dy | [yo][fp]o | 1444 | 95 | 0.000154 | 0.000064 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 536 | ce0-4s | [tk]c-Initial | 165 | 667 | 0.000154 | 0.000082 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 537 | [fptk] + c \| c[s \| fptk] + e4dy | ol[tk] | 196 | 621 | 0.000154 | 0.000074 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 538 | [fptk] + c \| c[s \| fptk] + e4dy | [yo][fp][yoa] | 196 | 339 | 0.000154 | 0.000110 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 539 | [fptk] + c \| c[s \| fptk] + e4dy | ol[dtk] | 196 | 842 | 0.000154 | 0.000045 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 540 | [fptk] + c \| c[s \| fptk] + e4dy | olk | 196 | 557 | 0.000154 | 0.000082 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 541 | c[s \| fptk]e4dy | olcey relative | 622 | 277 | 0.000154 | 0.000040 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 542 | ko | c \| c[s \| fptk] + e4dy | 179 | 1395 | 0.000154 | -0.000011 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 543 | yodai0-4r | ai4n | 205 | 589 | 0.000154 | 0.000074 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 544 | o[fptk]ai4n | c-sequence + e4 + [fptk] + e4 + y | 1598 | 101 | 0.000154 | 0.000048 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 545 | ytai0-4n | a-axis of [yo][fptk][ao][lr] | 59 | 1731 | 0.000154 | 0.000087 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 546 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | ytai0-4n | 3168 | 59 | 0.000154 | 0.000031 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 547 | [yo]e0-4[fp]e0-4[yo] | [dlrsmg \| fptk] + ai4[dlrsmg] | 149 | 1444 | 0.000154 | 0.000012 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 548 | [dlrsmg \| fptk]e0-4y | okar variants | 735 | 493 | 0.000154 | -0.000085 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 549 | [yo][fptk][ao][lr] | cedam variants | 2688 | 30 | 0.000154 | 0.000101 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 550 | [fptk]ai4[dlrsmg \| n] | a[lr][ao][lr] | 411 | 391 | 0.000154 | 0.000048 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 551 | okce0-4y | om | 338 | 203 | 0.000154 | 0.000109 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 552 | okce0-4y | okar variants | 338 | 493 | 0.000154 | 0.000044 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 553 | [yo][fptk]e4ol | cteo-initial | 322 | 220 | 0.000154 | 0.000107 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 554 | [yo]d[ao]i0-4l | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 165 | 733 | 0.000154 | 0.000074 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 555 | yd[ao]i0-4n | c[fptk]e4o-initial & c[fptk]e4y Superclass | 40 | 1659 | 0.000154 | 0.000110 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 556 | [yo]ke4ol | cteo-initial | 223 | 220 | 0.000154 | 0.000122 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 557 | ocke4y | o-axis of [yo][fptk][ao][lr] | 162 | 764 | 0.000154 | 0.000072 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 558 | [yo]tai0-4n | o[fptk]c + e0-4ol | 490 | 159 | 0.000154 | 0.000103 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 559 | [yo]tai0-4n | [dlrsmg]ai4[lr] | 490 | 875 | 0.000154 | -0.000129 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 560 | [yo]tai0-4n | et[yo] | 490 | 115 | 0.000154 | 0.000117 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 561 | [yo]tai0-4n | cedar variants | 490 | 176 | 0.000154 | 0.000097 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 562 | ora | dai4n | 241 | 1140 | 0.000154 | -0.000027 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 563 | cedar variants | c[s \| fptk]e4y | 176 | 887 | 0.000154 | 0.000051 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 564 | [yo][fp]o | [dlrsmg \| fptk] + ai4[dlrsmg] | 95 | 1444 | 0.000154 | 0.000064 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 565 | [yo]c[fptk]e4y | o[fptk]e4dy | 294 | 1444 | 0.000154 | -0.000126 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 566 | edy | o[fptk]e4os | 4981 | 106 | 0.000154 | -0.000194 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 567 | [yo]ke4o | dai4n | 89 | 1140 | 0.000154 | 0.000087 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 568 | a[lr]an | [yo][fptk][ao][lr] | 56 | 2688 | 0.000154 | 0.000055 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 569 | cedar variants | cse4y | 176 | 578 | 0.000154 | 0.000087 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 570 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | [dlrsmg] + c \| c[s \| fptk] + e4o | 1421 | 49 | 0.000154 | 0.000108 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 571 | c \| cs + e0-4[dlrsmg] | okce0-4y | 281 | 338 | 0.000154 | 0.000091 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 572 | cte4[yo] | so | 406 | 378 | 0.000154 | 0.000053 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 573 | o[lr][oa] | [yo][fptk]e4o | 735 | 88 | 0.000154 | 0.000111 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 574 | oc[s \| fptk]e4y | o[fptk]e4dy | 319 | 1444 | 0.000154 | -0.000150 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 575 | ai4l | c[fptk]e4o-initial & c[fptk]e4y Superclass | 306 | 1659 | 0.000154 | -0.000181 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 576 | [yo][fptk]e4od | [yo]ke4o | 355 | 89 | 0.000154 | 0.000133 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 577 | y-initial | [yo]ce4y | 1926 | 113 | 0.000154 | 0.000010 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 578 | eky | otc + e0-4 + y \| dy \| o[dlrs]y | 217 | 493 | 0.000154 | 0.000084 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 579 | cedaiin variants | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 189 | 623 | 0.000154 | 0.000076 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 580 | ydai0-4n | c[fptk]e4o-initial & c[fptk]e4y Superclass | 40 | 1659 | 0.000154 | 0.000110 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 581 | c[s \| fptk]e4dy | oe sans oy + oe4y, oe0-4s | 622 | 317 | 0.000154 | 0.000024 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 582 | [yo]ke4od | [yo]kai0-4n | 207 | 1067 | 0.000154 | 0.000008 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 583 | [yo]ke4od | okai0-4n | 207 | 994 | 0.000154 | 0.000018 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 584 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | c + e4 + [fptk]c Nouns | 2246 | 18 | 0.000154 | 0.000127 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 585 | [yo][fptk]e4od | ol[oa] | 355 | 401 | 0.000154 | 0.000060 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 586 | cpe4[yo] | y[fptk]-initial | 94 | 1295 | 0.000154 | 0.000074 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 587 | ofc + e4 + y \| dy \| o + [lr] Superset | [dlrsmg \| fptk] + ai4[dlrsmg] | 75 | 1444 | 0.000154 | 0.000083 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 588 | otce0-4dy | ote0-4y | 172 | 731 | 0.000154 | 0.000071 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 589 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | or[yoa] | 222 | 438 | 0.000154 | 0.000090 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 590 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4od | o[tk]e0-4y | 68 | 2042 | 0.000154 | 0.000062 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 591 | [tk]e4dy | rc-initial | 309 | 76 | 0.000154 | 0.000139 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 592 | okar variants | yodai0-4[lr] | 493 | 348 | 0.000154 | 0.000041 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 593 | okar variants | od[ao]i0-4[lr] | 493 | 369 | 0.000154 | 0.000034 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 594 | so | ai4r | 378 | 483 | 0.000154 | 0.000034 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 595 | ai4[lr] | ceckey relatives | 782 | 377 | 0.000154 | -0.000040 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 596 | ai4[lr] | a[dlrsmg]am | 782 | 92 | 0.000154 | 0.000107 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 597 | ai4[dlrsmg \| n] | o[dlrs]ce4y Superset | 1519 | 196 | 0.000154 | -0.000042 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 598 | okc + e0-4 + y \| dy \| o[dlrs]y | otar variants | 563 | 345 | 0.000154 | 0.000026 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 599 | ke4dy | [dlrsmg \| fptk] + ai4n | 217 | 1724 | 0.000154 | -0.000093 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 600 | od[ao]i0-4[lrm \| n] | ek[yo] | 813 | 255 | 0.000154 | 0.000017 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 601 | od[ao]i0-4[lrm \| n] | [yo][fp]a | 813 | 200 | 0.000154 | 0.000047 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 602 | [yo][fp]a | [dlrsmg]ai4[lr] | 200 | 875 | 0.000154 | 0.000039 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 603 | [yo][fp]a | o[lr][oa] | 200 | 735 | 0.000154 | 0.000057 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 604 | ce4o | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 160 | 503 | 0.000154 | 0.000101 | 6 | 1 | 5 | 0.000128 | 0.85714 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 605 | ce4o | c[fptk]e4y | 160 | 310 | 0.000154 | 0.000121 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 606 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | so | 519 | 378 | 0.000154 | 0.000025 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 607 | odai0-4n | cse4o | 408 | 205 | 0.000154 | 0.000099 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 608 | c[fptk]e4o-initial & c[fptk]e4y Superclass | [dlrsmg]ai4m | 1659 | 149 | 0.000154 | -0.000009 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 609 | c[fptk]e4o-initial & c[fptk]e4y Superclass | dai4m | 1659 | 130 | 0.000154 | 0.000012 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 610 | o[fptk]e4os | a[lr][ao][lr] | 106 | 391 | 0.000154 | 0.000127 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 611 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | e-initial | 809 | 68 | 0.000154 | 0.000118 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 612 | otai0-4n | [dlrsmg]ai4[lr] | 430 | 875 | 0.000154 | -0.000094 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 613 | oy + oe4y | cse4y | 207 | 578 | 0.000154 | 0.000075 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 614 | oda | ek[yo] | 847 | 255 | 0.000154 | 0.000012 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 615 | oda | [yo]pa | 847 | 141 | 0.000154 | 0.000075 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 616 | o[fptk]edar | ai4[lr] | 72 | 782 | 0.000154 | 0.000117 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 617 | o[fptk]edar | ol[dtk] | 72 | 842 | 0.000154 | 0.000114 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 618 | oke0-4y | [tk]y | 1314 | 52 | 0.000154 | 0.000109 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 619 | od endings | lk-initial | 243 | 454 | 0.000154 | 0.000081 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 620 | od endings | l[fptk] Prefixes | 243 | 514 | 0.000154 | 0.000072 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 621 | oke0-4y | o[fptk]e4os | 1314 | 106 | 0.000154 | 0.000062 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 622 | ce4y | ol[ds] | 737 | 315 | 0.000154 | 0.000001 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 623 | opc + e0-4 + y \| dy \| o[dlrs]y | o[lr][yo] | 302 | 583 | 0.000154 | 0.000038 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 624 | od endings | cse4o | 243 | 205 | 0.000154 | 0.000121 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 625 | cte4y | ol[dtk] | 186 | 842 | 0.000154 | 0.000051 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 626 | otce0-4y | [dlrsmg]e0-4y | 281 | 453 | 0.000154 | 0.000070 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 627 | odai0-4r | ai4n | 193 | 589 | 0.000154 | 0.000079 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 628 | otce0-4y | do | 281 | 383 | 0.000154 | 0.000083 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 629 | otce0-4y | od endings | 281 | 243 | 0.000154 | 0.000109 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 630 | ai4[dlrsmg] | a[dlrsmg]am | 930 | 92 | 0.000154 | 0.000098 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 631 | [yo][fp]a | ol[yoa] | 200 | 614 | 0.000154 | 0.000073 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 632 | [yo][fp]a | [ao][lr][ao][lr] Pipe/Flow | 200 | 843 | 0.000154 | 0.000043 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 633 | ai4[dlrsmg] | ceckey relatives | 930 | 377 | 0.000154 | -0.000077 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 634 | c[fptk]c polygraph | dai4n | 99 | 1140 | 0.000154 | 0.000080 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 635 | a-axis of [yo][fptk][ao][lr] | cedam variants | 1731 | 30 | 0.000154 | 0.000120 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 636 | a-axis of [yo][fptk][ao][lr] | ce4o | 1731 | 160 | 0.000154 | -0.000029 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 637 | [fptk][yo]lc | o[fptk]e4dy | 53 | 1444 | 0.000154 | 0.000104 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 638 | o[fptk]c + e0-4dy | [yo]e0-4[fp]e0-4[yo] | 554 | 149 | 0.000154 | 0.000100 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 639 | otol variants | ce4y | 239 | 737 | 0.000154 | 0.000038 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 640 | oke4dy | o[fptk \| dlrsmg][ao]m | 933 | 280 | 0.000154 | -0.000018 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 641 | [yo]kai0-4n | cse4o | 1067 | 205 | 0.000154 | 0.000010 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 642 | ce4ai4n | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 271 | 623 | 0.000154 | 0.000043 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 643 | ce4ai4n | c + e4dy | 271 | 3053 | 0.000154 | -0.000392 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 644 | o[fptk]eda[lrsm \| n] | or[yoa] | 184 | 438 | 0.000154 | 0.000101 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 645 | cse4dy | oe sans oy + oe4y, oe0-4s | 585 | 317 | 0.000154 | 0.000032 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 646 | [sr]c-Initial | y[fptk]-initial | 179 | 1295 | 0.000154 | 0.000001 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 647 | y[fptk]-initial | te4dy | 1295 | 91 | 0.000154 | 0.000076 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 648 | [yo]c[s \| fptk]e4y | o[fptk]e4dy | 353 | 1444 | 0.000154 | -0.000182 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 649 | [dlrsmg \| fptk]e0-4y | [yo]c + e4dy | 735 | 110 | 0.000154 | 0.000101 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 650 | rc-initial | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 76 | 2246 | 0.000154 | 0.000041 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 651 | [dlrsmg]ai4[lr] | rai4n | 875 | 115 | 0.000154 | 0.000088 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 652 | cke4[yo] | [yo]ke4ol | 172 | 223 | 0.000154 | 0.000129 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 653 | c[fptk]e4y | [yo]te4o[dlrsmg] | 310 | 341 | 0.000154 | 0.000084 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 654 | eka | okar variants | 191 | 493 | 0.000154 | 0.000092 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 655 | oi4[dlrsmg \| n] | o[dlrs]ce4y Superset | 1124 | 196 | 0.000154 | 0.000009 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 656 | oi4[dlrsmg \| n] | ai0-4[dlrsmg][dlrsmg] | 1124 | 214 | 0.000154 | -0.000005 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 657 | [fp]c-Initial | dai4n | 387 | 1140 | 0.000154 | -0.000137 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 658 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | rc-initial | 503 | 76 | 0.000154 | 0.000129 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 659 | [yo][fptk]e4or | ai4[dlrsmg] | 127 | 930 | 0.000154 | 0.000076 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 660 | ce4dy | [yo]te4o[lr] | 755 | 130 | 0.000154 | 0.000089 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 661 | ai4n | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 589 | 445 | 0.000154 | -0.000019 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 662 | ai4n | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 589 | 519 | 0.000154 | -0.000048 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 663 | [tk]c-Initial | so | 667 | 378 | 0.000154 | -0.000012 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 664 | ai4n | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 589 | 222 | 0.000154 | 0.000068 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 665 | [tk]c-Initial | [fptk]ai4n | 667 | 191 | 0.000154 | 0.000070 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 666 | o[fptk]e4dy | [yo]po | 1444 | 70 | 0.000154 | 0.000087 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 667 | pc-initial | a-axis of [yo][fptk][ao][lr] | 307 | 1731 | 0.000154 | -0.000197 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 668 | [yo]c[s \| fptk]e4y | otol variants | 353 | 239 | 0.000154 | 0.000098 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 669 | otc + e0-4 + y \| dy \| o[dlrs]y | [tk]e4o | 493 | 206 | 0.000154 | 0.000087 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 670 | odai0-4[lrm \| n] | ek[yo] | 767 | 255 | 0.000154 | 0.000025 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 671 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | [ao][lr][ao][lr] Pipe/Flow | 230 | 843 | 0.000154 | 0.000026 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 672 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | o[lr]a | 222 | 469 | 0.000154 | 0.000085 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 673 | a[dlrsmg]c | o[fptk]ai4n | 91 | 1598 | 0.000154 | 0.000058 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 674 | l[drs] Prefixes | o[fptk]ai4n | 95 | 1598 | 0.000154 | 0.000054 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 675 | [yo]ke4o[lr] | [yo]te4o[lr] | 319 | 130 | 0.000154 | 0.000127 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 676 | ceckey relatives | o[dlrs]ce4y Superset | 377 | 196 | 0.000154 | 0.000105 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 677 | dc-initial | [fptk]e0-4y | 454 | 161 | 0.000154 | 0.000106 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 678 | okai0-4n | cse4o | 994 | 205 | 0.000154 | 0.000020 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 679 | [yo][fptk]e4od | okar variants | 355 | 493 | 0.000154 | 0.000039 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 680 | [yo][fptk]e4od | do | 355 | 383 | 0.000154 | 0.000064 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 681 | e[fp][yoa] | o[fptk]c + e0-4y | 79 | 753 | 0.000154 | 0.000115 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 682 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | sai4n | 809 | 258 | 0.000154 | 0.000016 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 683 | ai4n | eka | 589 | 191 | 0.000154 | 0.000080 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 684 | [yo]te4o[dlrsmg] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 341 | 503 | 0.000154 | 0.000041 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 685 | ai4[dlrsmg] | oce4y + infixed versions | 930 | 379 | 0.000154 | -0.000078 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 686 | ai4[dlrsmg] | om | 930 | 203 | 0.000154 | 0.000030 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 687 | ai4[dlrsmg] | [yo]ce4y + s infixes | 930 | 172 | 0.000154 | 0.000049 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 688 | a[lr][fptk] | y[fptk]-initial | 83 | 1295 | 0.000154 | 0.000083 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 689 | [tk]c-Initial | oi | 667 | 304 | 0.000154 | 0.000020 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 690 | pc-initial | o[lr][yo] | 307 | 583 | 0.000154 | 0.000036 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 691 | [tk]c-Initial | [fptk]e0-4y | 667 | 161 | 0.000154 | 0.000083 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 692 | ece polygraph | [dlrsmg]ai4[lr] | 219 | 875 | 0.000154 | 0.000028 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 693 | ece polygraph | ai4[dlrsmg] | 219 | 930 | 0.000154 | 0.000020 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 694 | ece polygraph | ai4[lr] | 219 | 782 | 0.000154 | 0.000041 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 695 | ke4o | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 137 | 733 | 0.000154 | 0.000088 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 696 | [yo][fptk]e4od + y | okar variants | 284 | 493 | 0.000154 | 0.000062 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 697 | cear variants | [yo][fp][yoa] | 365 | 339 | 0.000154 | 0.000072 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 698 | okol variants | [dlrsmg]ai4[lr] | 285 | 875 | 0.000154 | -0.000010 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 699 | [yo]e4 \| c + [fp] | [yo][fp][yoa] | 84 | 339 | 0.000154 | 0.000135 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 700 | okc + e0-4 + y \| dy \| o[dlrs]y | otai0-4n | 563 | 430 | 0.000154 | -0.000006 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 701 | ce4y | [dlrsmg]ai4m | 737 | 149 | 0.000154 | 0.000082 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 702 | ai4[lr] | od[ao]i0-4n | 782 | 410 | 0.000154 | -0.000057 | 6 | 1 | 5 | 0.000128 | 0.85714 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 703 | ai4[lr] | odai0-4n | 782 | 408 | 0.000154 | -0.000056 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 704 | ai4[lr] | [yo]d[ao]i0-4n | 782 | 450 | 0.000154 | -0.000078 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 705 | ai4[dlrsmg \| n] | yce4y + s infixes | 1519 | 82 | 0.000154 | 0.000072 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 706 | [fptk] + c \| c[s \| fptk] + e4o | [dlrsmg \| fptk] + ai4n | 51 | 1724 | 0.000154 | 0.000096 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 707 | osa | y[fptk]-initial | 66 | 1295 | 0.000154 | 0.000098 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 708 | o[fptk \| dlrsmg][ao]m | Single-Letter Words | 280 | 566 | 0.000154 | 0.000050 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 709 | [yo][fp]y | y[fptk]-initial | 44 | 1295 | 0.000154 | 0.000117 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 710 | otai0-4n | o[fptk \| dlrsmg][ao]m | 430 | 280 | 0.000154 | 0.000075 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 711 | otai0-4n | cedar variants | 430 | 176 | 0.000154 | 0.000104 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 712 | ai4[lr] | yodai0-4n | 782 | 448 | 0.000154 | -0.000077 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 713 | lc-initial | o[lr]a | 457 | 469 | 0.000154 | 0.000013 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 714 | c + e4 + [fptk] Nouns | o[tk]e0-4y | 31 | 2042 | 0.000154 | 0.000112 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 715 | ykai0-4n | a-axis of [yo][fptk][ao][lr] | 73 | 1731 | 0.000154 | 0.000071 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 716 | oi4n Superset | ek[yoa] | 257 | 446 | 0.000154 | 0.000078 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 717 | [q \| fptk \| dlrsmg] + oi0-4[lr] | ydai0-4[lrm \| n] | 1819 | 65 | 0.000154 | 0.000076 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 718 | ek[yo] | [yo]ke4o[dlrsmg] | 255 | 584 | 0.000154 | 0.000056 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 719 | [yo]pa | [ao][lr][ao][lr] Pipe/Flow | 141 | 843 | 0.000154 | 0.000076 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 720 | ek[yoa] | oly | 446 | 222 | 0.000154 | 0.000089 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 721 | oi | ai4l | 304 | 306 | 0.000154 | 0.000093 | 6 | 1 | 5 | 0.000128 | 0.85714 |
| 722 | [dlrsmg]ai4[lr] | ai4n | 875 | 589 | 0.000899 | 0.000559 | 35 | 6 | 29 | 0.000745 | 0.85366 |
| 723 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | cse4dy | 809 | 585 | 0.000745 | 0.000433 | 29 | 5 | 24 | 0.000617 | 0.85294 |
| 724 | ai4[dlrsmg \| n] | [dlrsmg \| fptk]e0-4y | 1519 | 735 | 0.000745 | 0.000008 | 29 | 5 | 24 | 0.000617 | 0.85294 |
| 725 | okce0-4dy | [yo][fptk][ao][lr] | 188 | 2688 | 0.000591 | 0.000257 | 23 | 4 | 19 | 0.000488 | 0.85185 |
| 726 | c \| c[s \| fptk] + e4dy | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 1395 | 2060 | 0.001028 | -0.000869 | 40 | 7 | 33 | 0.000848 | 0.85106 |
| 727 | [yo][fptk]e4od | o[fptk]ai4n | 355 | 1598 | 0.000437 | 0.000062 | 17 | 3 | 14 | 0.000360 | 0.85000 |
| 728 | cear variants | ai4r | 365 | 483 | 0.000437 | 0.000320 | 17 | 3 | 14 | 0.000360 | 0.85000 |
| 729 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | ai4r | 3168 | 483 | 0.001593 | 0.000583 | 62 | 11 | 51 | 0.001310 | 0.84932 |
| 730 | [dlrsmg] + ai4[lr] + y-suffix | ai4n | 1035 | 589 | 0.001002 | 0.000600 | 39 | 7 | 32 | 0.000822 | 0.84783 |
| 731 | l[fptk] Prefixes | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 514 | 3168 | 0.000848 | -0.000227 | 33 | 6 | 27 | 0.000694 | 0.84615 |
| 732 | ceal variants | c \| c[s \| fptk] + e4dy | 269 | 1395 | 0.000283 | 0.000035 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 733 | [fptk]ai4[lr] | oi4[dlrsmg \| n] | 190 | 1124 | 0.000283 | 0.000142 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 734 | o[fptk \| dlrsmg][ao]m | [yo]c + e4o Superclass | 280 | 345 | 0.000283 | 0.000219 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 735 | ol[oa] | ol[tk] | 401 | 621 | 0.000283 | 0.000118 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 736 | dai4n | otar variants | 1140 | 345 | 0.000283 | 0.000023 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 737 | ai4r | oke0-4y | 483 | 1314 | 0.000283 | -0.000136 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 738 | kc-initial | [dlrsmg \| fptk] + ai4[dlrsmg] | 322 | 1444 | 0.000283 | -0.000024 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 739 | [fp]c-Initial | [yo]e0-4[fp]e0-4[yo] | 387 | 149 | 0.000283 | 0.000245 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 740 | c[fptk]e4o-initial & c[fptk]e4y Superclass | dairol/soral relatives | 1659 | 190 | 0.000283 | 0.000075 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 741 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | c[s \| fptk]e4dy | 230 | 622 | 0.000283 | 0.000188 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 742 | ai4n | om + o[fptk \| dlrsmg]am | 589 | 454 | 0.000283 | 0.000106 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 743 | okc + e0-4 + y \| dy \| o[dlrs]y | okol variants | 563 | 285 | 0.000283 | 0.000177 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 744 | ai4r | a[lr][fptk] | 483 | 83 | 0.000283 | 0.000256 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 745 | cectey relatives | oke4dy | 197 | 933 | 0.000283 | 0.000161 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 746 | [fptk]e0-4y | c[fptk]e4o-initial & c[fptk]e4y Superclass | 161 | 1659 | 0.000283 | 0.000106 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 747 | olk | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 557 | 186 | 0.000283 | 0.000214 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 748 | tc-initial | a-axis of [yo][fptk][ao][lr] | 345 | 1731 | 0.000283 | -0.000112 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 749 | lc-initial | okal variants | 457 | 544 | 0.000283 | 0.000119 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 750 | oke4dy | do | 933 | 383 | 0.000283 | 0.000047 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 751 | [yo]c + e4o Superclass | l[fptk] Prefixes | 345 | 514 | 0.000283 | 0.000166 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 752 | eka | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 191 | 623 | 0.000283 | 0.000204 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 753 | ol[dtk] | oa | 842 | 321 | 0.000283 | 0.000104 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 754 | [yo][fptk]e4o[lr] | c \| c[fptk] + e4o | 449 | 228 | 0.000283 | 0.000215 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 755 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | cse4dy | 230 | 585 | 0.000283 | 0.000194 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 756 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | [yo]kai0-4n | 230 | 1067 | 0.000283 | 0.000121 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 757 | o[fptk]c + e0-4y | [fptk]e0-4y | 753 | 161 | 0.000283 | 0.000203 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 758 | [yo]c + e4o Superclass | lk-initial | 345 | 454 | 0.000283 | 0.000179 | 11 | 2 | 9 | 0.000231 | 0.84615 |
| 759 | [fptk]ai4[lr] | ai4[dlrsmg \| n] | 190 | 1519 | 0.000694 | 0.000503 | 27 | 5 | 22 | 0.000565 | 0.84375 |
| 760 | ai4n | c + e4dy | 589 | 3053 | 0.000822 | -0.000365 | 32 | 6 | 26 | 0.000668 | 0.84211 |
| 761 | cear verbs | ai4r | 303 | 483 | 0.000411 | 0.000314 | 16 | 3 | 13 | 0.000334 | 0.84211 |
| 762 | ai4n | okal variants | 589 | 544 | 0.000411 | 0.000200 | 16 | 3 | 13 | 0.000334 | 0.84211 |
| 763 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | ce0-4s | 3168 | 165 | 0.000411 | 0.000066 | 16 | 3 | 13 | 0.000334 | 0.84211 |
| 764 | o-axis of [yo][fptk][ao][lr] | [yo]kai0-4n | 764 | 1067 | 0.000411 | -0.000127 | 16 | 3 | 13 | 0.000334 | 0.84211 |
| 765 | opc + e0-4 + y \| dy \| o[dlrs]y | o[tk]e0-4y | 302 | 2042 | 0.000411 | 0.000004 | 16 | 3 | 13 | 0.000334 | 0.84211 |
| 766 | tc-initial | [yo][fptk][ao][lr] | 345 | 2688 | 0.000411 | -0.000201 | 16 | 3 | 13 | 0.000334 | 0.84211 |
| 767 | okce0-4dy | a-axis of [yo][fptk][ao][lr] | 188 | 1731 | 0.000411 | 0.000196 | 16 | 3 | 13 | 0.000334 | 0.84211 |
| 768 | a[dlrsmg]am | y-initial | 92 | 1926 | 0.000411 | 0.000294 | 16 | 3 | 13 | 0.000334 | 0.84211 |
| 769 | c[fptk]e4o-initial & c[fptk]e4y Superclass | Single-Letter Words | 1659 | 566 | 0.000951 | 0.000331 | 37 | 7 | 30 | 0.000771 | 0.84091 |
| 770 | ai4[lr] | c + e4dy | 782 | 3053 | 0.000951 | -0.000625 | 37 | 7 | 30 | 0.000771 | 0.84091 |
| 771 | ai4[dlrsmg \| n] | [yo]dy endings | 1519 | 1228 | 0.001490 | 0.000259 | 58 | 11 | 47 | 0.001207 | 0.84058 |
| 772 | Consonant Clusters | ai4[dlrsmg \| n] | 115 | 1519 | 0.000540 | 0.000424 | 21 | 4 | 17 | 0.000437 | 0.84000 |
| 773 | ai4[dlrsmg \| n] | c + e4dy | 1519 | 3053 | 0.001875 | -0.001185 | 73 | 14 | 59 | 0.001516 | 0.83908 |
| 774 | ai4[dlrsmg] | c + e4dy | 930 | 3053 | 0.001053 | -0.000821 | 41 | 8 | 33 | 0.000848 | 0.83673 |
| 775 | ai4r | ai4n | 483 | 589 | 0.001053 | 0.000866 | 41 | 8 | 33 | 0.000848 | 0.83673 |
| 776 | ai4[dlrsmg \| n] | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 1519 | 1421 | 0.000771 | -0.000654 | 30 | 6 | 24 | 0.000617 | 0.83333 |
| 777 | [tk]c-Initial | o[fptk]ai4n | 667 | 1598 | 0.000514 | -0.000190 | 20 | 4 | 16 | 0.000411 | 0.83333 |
| 778 | ce4dy | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 755 | 2060 | 0.000514 | -0.000513 | 20 | 4 | 16 | 0.000411 | 0.83333 |
| 779 | [dlrsmg \| fptk] + ai4[dlrsmg] | c \| cs + e0-4[dlrsmg] | 1444 | 281 | 0.000514 | 0.000246 | 20 | 4 | 16 | 0.000411 | 0.83333 |
| 780 | dc-initial | o[fptk]ai4n | 454 | 1598 | 0.000514 | 0.000035 | 20 | 4 | 16 | 0.000411 | 0.83333 |
| 781 | c[s \| fptk]e4dy | c + c[s \| fptk]e4y | 622 | 1624 | 0.000385 | -0.000281 | 15 | 3 | 12 | 0.000308 | 0.83333 |
| 782 | c \| c[fptk] + e4o | c[fptk]e4o-initial & c[fptk]e4y Superclass | 228 | 1659 | 0.000385 | 0.000136 | 15 | 3 | 12 | 0.000308 | 0.83333 |
| 783 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | okol variants | 1421 | 285 | 0.000385 | 0.000118 | 15 | 3 | 12 | 0.000308 | 0.83333 |
| 784 | ed[yoa] | qo variants | 5851 | 59 | 0.000385 | 0.000158 | 15 | 3 | 12 | 0.000308 | 0.83333 |
| 785 | c[s \| fptk]e4dy | okc + e0-4 + y \| dy \| o[dlrs]y | 622 | 563 | 0.000385 | 0.000154 | 15 | 3 | 12 | 0.000308 | 0.83333 |
| 786 | [dlrsmg] + ai4[lr] + y-suffix | om | 1035 | 203 | 0.000385 | 0.000247 | 15 | 3 | 12 | 0.000308 | 0.83333 |
| 787 | [yo]d[ao]i0-4[lrm \| n] | c \| c[fptk] + e4o | 880 | 228 | 0.000385 | 0.000253 | 15 | 3 | 12 | 0.000308 | 0.83333 |
| 788 | edy | qo variants | 4981 | 59 | 0.000385 | 0.000191 | 15 | 3 | 12 | 0.000308 | 0.83333 |
| 789 | tc-initial | o[fptk]ai4n | 345 | 1598 | 0.000385 | 0.000021 | 15 | 3 | 12 | 0.000308 | 0.83333 |
| 790 | [dlrsmg \| fptk] + ai4n | otar variants | 1724 | 345 | 0.000385 | -0.000007 | 15 | 3 | 12 | 0.000308 | 0.83333 |
| 791 | oi4[dlrsmg \| n] | [tk]e4dy | 1124 | 309 | 0.000385 | 0.000156 | 15 | 3 | 12 | 0.000308 | 0.83333 |
| 792 | cke4[yo] | o-axis of [yo][fptk][ao][lr] | 172 | 764 | 0.000257 | 0.000170 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 793 | cear verbs | om + o[fptk \| dlrsmg]am | 303 | 454 | 0.000257 | 0.000166 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 794 | [yo]e4 \| c + [fp] | [yo][fptk][ao][lr] | 84 | 2688 | 0.000257 | 0.000108 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 795 | ai4r | c[s \| fptk]e4y | 483 | 887 | 0.000257 | -0.000026 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 796 | od endings + odcey relatives | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 275 | 503 | 0.000257 | 0.000166 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 797 | pc-initial | o[lr][yoa] | 307 | 1044 | 0.000257 | 0.000045 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 798 | [yo]te4o[dlrsmg] | [dlrsmg]ai4[lr] | 341 | 875 | 0.000257 | 0.000060 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 799 | [yo]te4od | o[fptk]ai4n | 149 | 1598 | 0.000257 | 0.000100 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 800 | cedaiin variants | od[ao]i0-4[lrm \| n] | 189 | 813 | 0.000257 | 0.000155 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 801 | cedaiin variants | odai0-4[lrm \| n] | 189 | 767 | 0.000257 | 0.000161 | 10 | 2 | 8 | 0.000206 | 0.83333 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 802 | ofc + e0-4 + y \| dy \| o[dlrs]y | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 65 | 3168 | 0.000257 | 0.000121 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 803 | ceal verbs | c \| c[s \| fptk] + e4dy | 230 | 1395 | 0.000257 | 0.000045 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 804 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | cean verbs | 809 | 213 | 0.000257 | 0.000143 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 805 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | ceal variants | 733 | 269 | 0.000257 | 0.000127 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 806 | ce4a | [yo]te4o[dlrsmg] | 1009 | 341 | 0.000257 | 0.000030 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 807 | l[fptk] Prefixes | [yo]tai0-4n | 514 | 490 | 0.000257 | 0.000091 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 808 | yc + e4or | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 34 | 2246 | 0.000257 | 0.000207 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 809 | ol[ds] | so | 315 | 378 | 0.000257 | 0.000178 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 810 | ai4[dlrsmg] | [yo][fptk]e4od | 930 | 355 | 0.000257 | 0.000039 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 811 | ol[ds] | dc-initial | 315 | 454 | 0.000257 | 0.000163 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 812 | [dlrsmg \| fptk] + ai4n | ce0-4s | 1724 | 165 | 0.000257 | 0.000069 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 813 | otol variants | y[fptk]-initial | 239 | 1295 | 0.000257 | 0.000053 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 814 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | ek[yoa] | 733 | 446 | 0.000257 | 0.000041 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 815 | ol[oa] | [yo][fptk]e4o[lr] | 401 | 449 | 0.000257 | 0.000138 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 816 | ol[oa] | [yo][fptk]e4ol | 401 | 322 | 0.000257 | 0.000172 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 817 | [fptk]ai4n | [yo]kai0-4n | 191 | 1067 | 0.000257 | 0.000122 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 818 | o[fptk]c + e0-4ol | [dlrsmg] + ai4[lr] + y-suffix | 159 | 1035 | 0.000257 | 0.000148 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 819 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | okar variants | 445 | 493 | 0.000257 | 0.000112 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 820 | od[ao]i0-4[lr] | c \| c[fptk] + e4o | 369 | 228 | 0.000257 | 0.000201 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 821 | or[yoa] | o[lr]o | 438 | 274 | 0.000257 | 0.000178 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 822 | or[yoa] | dai4n | 438 | 1140 | 0.000257 | -0.000073 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 823 | o[fptk]c + e0-4y | cteo-initial | 753 | 220 | 0.000257 | 0.000148 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 824 | oe0-4s | okce0-4y | 632 | 338 | 0.000257 | 0.000116 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 825 | [dlrsmg \| fptk]e0-4y | oe0-4s | 735 | 632 | 0.000257 | -0.000050 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 826 | o[tk]e0-4y | c \| c[fptk] + e4o | 2042 | 228 | 0.000257 | -0.000050 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 827 | o[dlrs]ce4y Superset | ote0-4y | 196 | 731 | 0.000257 | 0.000162 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 828 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | [yo]kai0-4n | 186 | 1067 | 0.000257 | 0.000126 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 829 | ko | [dlrsmg \| fptk] + ai4n | 179 | 1724 | 0.000257 | 0.000053 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 830 | [dlrsmg]ai4[lr] | [yo]d[ao]i0-4r | 875 | 228 | 0.000257 | 0.000125 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 831 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | okai0-4n | 230 | 994 | 0.000257 | 0.000106 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 832 | [yo]d[ao]i0-4[lr] | c \| c[fptk] + e4o | 393 | 228 | 0.000257 | 0.000198 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 833 | ai4l | [yo]dy endings | 306 | 1228 | 0.000257 | 0.000009 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 834 | [fptk] + c \| c[s \| fptk] + e4dy | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 196 | 3168 | 0.000257 | -0.000153 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 835 | y-initial | okce0-4dy | 1926 | 188 | 0.000257 | 0.000018 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 836 | ola | ol[dtk] | 228 | 842 | 0.000257 | 0.000130 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 837 | sai4n | c[s \| fptk]e4y | 258 | 887 | 0.000257 | 0.000106 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 838 | oi | o[fptk]e4dy | 304 | 1444 | 0.000257 | -0.000033 | 10 | 2 | 8 | 0.000206 | 0.83333 |
| 839 | lk-initial | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 454 | 3168 | 0.000745 | -0.000204 | 29 | 6 | 23 | 0.000591 | 0.82857 |
| 840 | o[tk]e4s | ai4[dlrsmg \| n] | 98 | 1519 | 0.000617 | 0.000518 | 24 | 5 | 19 | 0.000488 | 0.82759 |
| 841 | ce4y | [fptk]ai4n | 737 | 191 | 0.000617 | 0.000524 | 24 | 5 | 19 | 0.000488 | 0.82759 |
| 842 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | [tk]e4dy | 2246 | 309 | 0.000488 | 0.000030 | 19 | 4 | 15 | 0.000385 | 0.82609 |
| 843 | [fptk]ai4[lr] | ai4[dlrsmg] | 190 | 930 | 0.000488 | 0.000372 | 19 | 4 | 15 | 0.000385 | 0.82609 |
| 844 | ai4[lr] | [dlrsmg \| fptk]e0-4y | 782 | 735 | 0.000488 | 0.000109 | 19 | 4 | 15 | 0.000385 | 0.82609 |
| 845 | ai4[dlrsmg] | [yo]dy endings | 930 | 1228 | 0.000848 | 0.000094 | 33 | 7 | 26 | 0.000668 | 0.82500 |
| 846 | ce4y | [fptk]ai4[dlrsmg \| n] | 737 | 411 | 0.001079 | 0.000879 | 42 | 9 | 33 | 0.000848 | 0.82353 |
| 847 | ai4[dlrsmg] | ce4dy | 930 | 755 | 0.000360 | -0.000104 | 14 | 3 | 11 | 0.000283 | 0.82353 |
| 848 | ol[oa] | ol[dtk] | 401 | 842 | 0.000360 | 0.000137 | 14 | 3 | 11 | 0.000283 | 0.82353 |
| 849 | otar variants | oi4[dlrsmg \| n] | 345 | 1124 | 0.000360 | 0.000104 | 14 | 3 | 11 | 0.000283 | 0.82353 |
| 850 | otai0-4n | otar variants | 430 | 345 | 0.000360 | 0.000262 | 14 | 3 | 11 | 0.000283 | 0.82353 |
| 851 | od[ao]i0-4[lrm \| n] | c \| c[fptk] + e4o | 813 | 228 | 0.000360 | 0.000237 | 14 | 3 | 11 | 0.000283 | 0.82353 |
| 852 | o[fptk \| dlrsmg][ao]m | [tk]c-Initial | 280 | 667 | 0.000360 | 0.000236 | 14 | 3 | 11 | 0.000283 | 0.82353 |
| 853 | oi4[dlrsmg \| n] | or[yo] | 1124 | 200 | 0.000360 | 0.000211 | 14 | 3 | 11 | 0.000283 | 0.82353 |
| 854 | [dlrsmg] + ai4r | oi4[dlrsmg \| n] | 190 | 1124 | 0.000360 | 0.000219 | 14 | 3 | 11 | 0.000283 | 0.82353 |
| 855 | cte4[yo] | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 406 | 809 | 0.000360 | 0.000143 | 14 | 3 | 11 | 0.000283 | 0.82353 |
| 856 | odai0-4[lrm \| n] | cse4o | 767 | 205 | 0.000360 | 0.000256 | 14 | 3 | 11 | 0.000283 | 0.82353 |
| 857 | ai4n | ote0-4y | 589 | 731 | 0.000360 | 0.000075 | 14 | 3 | 11 | 0.000283 | 0.82353 |
| 858 | ai4n | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 589 | 1227 | 0.000360 | -0.000117 | 14 | 3 | 11 | 0.000283 | 0.82353 |
| 859 | [yo][fptk][ao][lr] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 2688 | 158 | 0.000360 | 0.000079 | 14 | 3 | 11 | 0.000283 | 0.82353 |
| 860 | [yo][fptk]e4o[lr] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 449 | 503 | 0.000360 | 0.000211 | 14 | 3 | 11 | 0.000283 | 0.82353 |
| 861 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | ke4dy | 2246 | 217 | 0.000360 | 0.000038 | 14 | 3 | 11 | 0.000283 | 0.82353 |
| 862 | [yo][fptk]e4o[dlrsmg] | c \| c[fptk] + e4o | 924 | 228 | 0.000360 | 0.000221 | 14 | 3 | 11 | 0.000283 | 0.82353 |
| 863 | [dlrsmg \| fptk]e0-4y | lc-initial | 735 | 457 | 0.000360 | 0.000138 | 14 | 3 | 11 | 0.000283 | 0.82353 |
| 864 | [fptk]ai4[dlrsmg \| n] | ol[tk] | 411 | 621 | 0.000360 | 0.000191 | 14 | 3 | 11 | 0.000283 | 0.82353 |
| 865 | Consonant Clusters | ai4[dlrsmg] | 115 | 930 | 0.000360 | 0.000289 | 14 | 3 | 11 | 0.000283 | 0.82353 |
| 866 | c[s \| fptk]e4y | [yo][fptk]e4ol | 887 | 322 | 0.000360 | 0.000171 | 14 | 3 | 11 | 0.000283 | 0.82353 |
| 867 | cse4y | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 578 | 1421 | 0.000591 | 0.000049 | 23 | 5 | 18 | 0.000462 | 0.82143 |
| 868 | o[fptk]ai4n | ceal variants | 1598 | 269 | 0.000591 | 0.000307 | 23 | 5 | 18 | 0.000462 | 0.82143 |
| 869 | ai4n | oke0-4y | 589 | 1314 | 0.000591 | 0.000080 | 23 | 5 | 18 | 0.000462 | 0.82143 |
| 870 | ai4[dlrsmg] | [dlrsmg \| fptk]e0-4y | 930 | 735 | 0.000591 | 0.000140 | 23 | 5 | 18 | 0.000462 | 0.82143 |
| 871 | ai4[dlrsmg \| n] | oke0-4y | 1519 | 1314 | 0.001053 | -0.000264 | 41 | 9 | 32 | 0.000822 | 0.82000 |
| 872 | ai4n | o[tk]e0-4y | 589 | 2042 | 0.000925 | 0.000131 | 36 | 8 | 28 | 0.000719 | 0.81818 |
| 873 | o[fptk]e4dy | okal variants | 1444 | 544 | 0.000925 | 0.000406 | 36 | 8 | 28 | 0.000719 | 0.81818 |
| 874 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | ai4n | 809 | 589 | 0.000694 | 0.000379 | 27 | 6 | 21 | 0.000540 | 0.81818 |
| 875 | ai4[dlrsmg] | oke0-4y | 930 | 1314 | 0.000462 | -0.000344 | 18 | 4 | 14 | 0.000360 | 0.81818 |
| 876 | [yo]tai0-4n | otar variants | 490 | 345 | 0.000462 | 0.000351 | 18 | 4 | 14 | 0.000360 | 0.81818 |
| 877 | [yo]c + e4dy | o[fptk]e4dy | 110 | 1444 | 0.000462 | 0.000358 | 18 | 4 | 14 | 0.000360 | 0.81818 |
| 878 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | ai4[dlrsmg \| n] | 186 | 1519 | 0.000462 | 0.000276 | 18 | 4 | 14 | 0.000360 | 0.81818 |
| 879 | [yo]c + e4o Superclass | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 345 | 1227 | 0.000462 | 0.000183 | 18 | 4 | 14 | 0.000360 | 0.81818 |
| 880 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | opc + e0-4 + y \| dy \| o[dlrs]y | 2060 | 302 | 0.000462 | 0.000052 | 18 | 4 | 14 | 0.000360 | 0.81818 |
| 881 | c \| c[s \| fptk] + e4dy | okce0-4dy | 1395 | 188 | 0.000462 | 0.000289 | 18 | 4 | 14 | 0.000360 | 0.81818 |
| 882 | [q \| fptk \| dlrsmg] + oi0-4[lr] | cean variants | 1819 | 255 | 0.000462 | 0.000156 | 18 | 4 | 14 | 0.000360 | 0.81818 |
| 883 | [dlrsmg \| fptk] + ai4[dlrsmg] | om | 1444 | 203 | 0.000462 | 0.000269 | 18 | 4 | 14 | 0.000360 | 0.81818 |
| 884 | [yo]te4o[lr] | ai4[dlrsmg \| n] | 130 | 1519 | 0.000231 | 0.000101 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 885 | lk-initial | [yo]tai0-4n | 454 | 490 | 0.000231 | 0.000084 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 886 | odai0-4r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 193 | 503 | 0.000231 | 0.000167 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 887 | sai4n | ek[yoa] | 258 | 446 | 0.000231 | 0.000155 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 888 | do | c[s \| fptk]e4dy | 383 | 622 | 0.000231 | 0.000074 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 889 | otor variants | c + c[s \| fptk]e4y | 113 | 1624 | 0.000231 | 0.000110 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 890 | sc-initial | [dlrsmg \| fptk] + ai4n | 103 | 1724 | 0.000231 | 0.000114 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 891 | [yo][fp][yoa] | [dlrsmg]ai4[lr] | 339 | 875 | 0.000231 | 0.000035 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 892 | [dlrsmg] + ai4[lr] + y-suffix | [yo]d[ao]i0-4r | 1035 | 228 | 0.000231 | 0.000075 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 893 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | opce0-4y | 2060 | 111 | 0.000231 | 0.000080 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 894 | o[fptk]c + e0-4y | o[fptk]c + e0-4ol | 753 | 159 | 0.000231 | 0.000152 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 895 | o[fptk]c + e0-4y | okol variants | 753 | 285 | 0.000231 | 0.000090 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 896 | [dlrsmg]e0-4y | do | 453 | 383 | 0.000231 | 0.000117 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 897 | c[s \| fptk]e4y | ote4dy | 887 | 509 | 0.000231 | -0.000067 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 898 | dai4n | [dlrsmg]ai4m | 1140 | 149 | 0.000231 | 0.000119 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 899 | o[lr]o | Single-Letter Words | 274 | 566 | 0.000231 | 0.000129 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 900 | cean verbs | ed[yoa] | 213 | 5851 | 0.000231 | -0.000591 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 901 | [dlrsmg]ai4m | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 149 | 809 | 0.000231 | 0.000152 | 9 | 2 | 7 | 0.000180 | 0.81818 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 902 | cse4dy | c[s \| fptk]e4y | 585 | 887 | 0.000231 | -0.000111 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 903 | or[oa] | dai4n | 340 | 1140 | 0.000231 | -0.000025 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 904 | [yo][fptk][ao][lr] | ceam variants | 2688 | 76 | 0.000231 | 0.000096 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 905 | ed[yoa] | cedam variants | 5851 | 30 | 0.000231 | 0.000115 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 906 | yodai0-4r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 205 | 503 | 0.000231 | 0.000163 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 907 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | okai0-4n | 186 | 994 | 0.000231 | 0.000109 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 908 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | [yo][fptk]e4o[lr] | 623 | 449 | 0.000231 | 0.000047 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 909 | [dlrsmg]ai4[lr] | yodai0-4r | 875 | 205 | 0.000231 | 0.000113 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 910 | [dlrsmg]ai4[lr] | od[ao]i0-4r | 875 | 215 | 0.000231 | 0.000107 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 911 | c \| c[fptk] + e4o | c[fptk]e4y | 228 | 310 | 0.000231 | 0.000185 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 912 | y-initial | te4dy | 1926 | 91 | 0.000231 | 0.000116 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 913 | [yo][fptk]e4o[lr] | okol variants | 449 | 285 | 0.000231 | 0.000147 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 914 | odai0-4[lr] | c \| c[fptk] + e4o | 326 | 228 | 0.000231 | 0.000182 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 915 | ote0-4y | ceal variants | 731 | 269 | 0.000231 | 0.000101 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 916 | [yo][fptk]e4o | [dlrsmg \| fptk] + ai4n | 88 | 1724 | 0.000231 | 0.000131 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 917 | ol[dtk] | o[fptk]c + e0-4or | 842 | 135 | 0.000231 | 0.000156 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 918 | cedaiin variants | ce4dy | 189 | 755 | 0.000231 | 0.000137 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 919 | dairol/soral relatives | o[lr][oa] | 190 | 735 | 0.000231 | 0.000139 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 920 | ol[tk] | otc + e0-4 + y \| dy \| o[dlrs]y | 621 | 493 | 0.000231 | 0.000029 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 921 | o[fptk]e4dy | c \| cs + e0-4s | 1444 | 188 | 0.000231 | 0.000052 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 922 | oly | okal variants | 222 | 544 | 0.000231 | 0.000152 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 923 | cear variants | o[fptk \| dlrsmg][ao]m | 365 | 280 | 0.000231 | 0.000164 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 924 | [fp]c-Initial | ai4[dlrsmg] | 387 | 930 | 0.000231 | -0.000006 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 925 | [fp]c-Initial | ai4[lr] | 387 | 782 | 0.000231 | 0.000031 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 926 | [fp]c-Initial | oke0-4y | 387 | 1314 | 0.000231 | -0.000104 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 927 | o[fptk]o | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 51 | 3168 | 0.000231 | 0.000125 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 928 | [dlrsmg]ai4[lr] | dairol/soral relatives | 875 | 190 | 0.000231 | 0.000121 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 929 | o[fptk]e4os | ai4[lr] | 106 | 782 | 0.000231 | 0.000177 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 930 | c[fptk]e4y | [dlrsmg]ai4[lr] | 310 | 875 | 0.000231 | 0.000052 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 931 | cke4[yo] | [dlrsmg \| fptk] + ai4[dlrsmg] | 172 | 1444 | 0.000231 | 0.000067 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 932 | pc-initial | oda | 307 | 847 | 0.000231 | 0.000060 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 933 | pc-initial | odai0-4[lrm \| n] | 307 | 767 | 0.000231 | 0.000076 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 934 | pc-initial | [yo]d[ao]i0-4[lrm \| n] | 307 | 880 | 0.000231 | 0.000053 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 935 | pc-initial | yodai0-4[lrm \| n] | 307 | 832 | 0.000231 | 0.000063 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 936 | pc-initial | od[ao]i0-4[lrm \| n] | 307 | 813 | 0.000231 | 0.000066 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 937 | ol[tk] | oa | 621 | 321 | 0.000231 | 0.000100 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 938 | [yo]ke4o[lr] | c \| c[fptk] + e4o | 319 | 228 | 0.000231 | 0.000183 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 939 | ce4dy | tc-initial | 755 | 345 | 0.000231 | 0.000059 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 940 | ai4r | ai0-4[dlrsmg][dlrsmg] | 483 | 214 | 0.000231 | 0.000163 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 941 | [fp]c-Initial | [yo][fp]o | 387 | 95 | 0.000231 | 0.000207 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 942 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | cke4[yo] | 503 | 172 | 0.000231 | 0.000174 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 943 | ce4y | [dlrsmg] + c \| c[s \| fptk] + e4dy | 737 | 327 | 0.000231 | 0.000072 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 944 | opc + e0-4 + y \| dy \| o[dlrs]y | ote0-4y | 302 | 731 | 0.000231 | 0.000086 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 945 | opc + e0-4 + y \| dy \| o[dlrs]y | [q \| fptk \| dlrsmg] + oi0-4[lr] | 302 | 1819 | 0.000231 | -0.000131 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 946 | a-axis of [yo][fptk][ao][lr] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 1731 | 158 | 0.000231 | 0.000051 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 947 | o[fptk]eda[lrsm \| n] | [ao][lr][ao][lr] Pipe/Flow | 184 | 843 | 0.000231 | 0.000129 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 948 | ce4ai4n | o[lr][oa] | 271 | 735 | 0.000231 | 0.000100 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 949 | ol[oa] | olk | 401 | 557 | 0.000231 | 0.000084 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 950 | yodai0-4[lr] | c \| c[fptk] + e4o | 348 | 228 | 0.000231 | 0.000179 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 951 | sai4n | oe0-4s | 258 | 632 | 0.000231 | 0.000124 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 952 | oi4[dlrsmg \| n] | aro[dlrsmg] | 1124 | 105 | 0.000231 | 0.000153 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 953 | oi4[dlrsmg \| n] | oro | 1124 | 102 | 0.000231 | 0.000156 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 954 | ceam verbs | y-initial | 61 | 1926 | 0.000231 | 0.000154 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 955 | otar variants | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 345 | 445 | 0.000231 | 0.000130 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 956 | l[drs] Prefixes | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 95 | 3168 | 0.000231 | 0.000033 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 957 | ai4[dlrsmg \| n] | c[s \| fptk]e4dy | 1519 | 622 | 0.000231 | -0.000392 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 958 | ai4[dlrsmg \| n] | [yo]ke4od | 1519 | 207 | 0.000231 | 0.000024 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 959 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | y + Non-[dlrs] Prefixes | 809 | 205 | 0.000231 | 0.000122 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 960 | [tk]e4dy | [yo]kai0-4n | 309 | 1067 | 0.000231 | 0.000014 | 9 | 2 | 7 | 0.000180 | 0.81818 |
| 961 | oi4[dlrsmg \| n] | ce4dy | 1124 | 755 | 0.001028 | 0.000468 | 40 | 9 | 31 | 0.000796 | 0.81633 |
| 962 | kc-initial | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 322 | 3168 | 0.000796 | 0.000123 | 31 | 7 | 24 | 0.000617 | 0.81579 |
| 963 | ai4[dlrsmg \| n] | ce4dy | 1519 | 755 | 0.000565 | -0.000192 | 22 | 5 | 17 | 0.000437 | 0.81481 |
| 964 | ce4y | kc-initial | 737 | 322 | 0.000565 | 0.000409 | 22 | 5 | 17 | 0.000437 | 0.81481 |
| 965 | o[fptk]ai4n | ceal verbs | 1598 | 230 | 0.000565 | 0.000323 | 22 | 5 | 17 | 0.000437 | 0.81481 |
| 966 | cse4dy | o[fptk]c + e0-4dy | 585 | 554 | 0.000565 | 0.000351 | 22 | 5 | 17 | 0.000437 | 0.81481 |
| 967 | c + c[s \| fptk]e4y | [tk]e4dy | 1624 | 309 | 0.000565 | 0.000234 | 22 | 5 | 17 | 0.000437 | 0.81481 |
| 968 | o[dlrs]ce4y Superset | o[tk]e0-4y | 196 | 2042 | 0.000565 | 0.000301 | 22 | 5 | 17 | 0.000437 | 0.81481 |
| 969 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | [dlrsmg] + c \| c[s \| fptk] + e4dy | 2060 | 327 | 0.000668 | 0.000223 | 26 | 6 | 20 | 0.000514 | 0.81250 |
| 970 | yodai0-4[lrm \| n] | c \| c[fptk] + e4o | 832 | 228 | 0.000334 | 0.000209 | 13 | 3 | 10 | 0.000257 | 0.81250 |
| 971 | o-axis of [yo][fptk][ao][lr] | okai0-4n | 764 | 994 | 0.000334 | -0.000167 | 13 | 3 | 10 | 0.000257 | 0.81250 |
| 972 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | ai4[dlrsmg] | 186 | 930 | 0.000334 | 0.000220 | 13 | 3 | 10 | 0.000257 | 0.81250 |
| 973 | [yo]e0-4[fp]e0-4[yo] | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 149 | 3168 | 0.000334 | 0.000022 | 13 | 3 | 10 | 0.000257 | 0.81250 |
| 974 | y-initial | o[dlrs]ce4y Superset | 1926 | 196 | 0.000334 | 0.000085 | 13 | 3 | 10 | 0.000257 | 0.81250 |
| 975 | oda | c \| c[fptk] + e4o | 847 | 228 | 0.000334 | 0.000207 | 13 | 3 | 10 | 0.000257 | 0.81250 |
| 976 | [yo][fptk][ao][lr] | otam variants | 2688 | 88 | 0.000334 | 0.000178 | 13 | 3 | 10 | 0.000257 | 0.81250 |
| 977 | [yo][fptk]e4od + y | o[fptk]ai4n | 284 | 1598 | 0.000334 | 0.000034 | 13 | 3 | 10 | 0.000257 | 0.81250 |
| 978 | okce0-4y | o-axis of [yo][fptk][ao][lr] | 338 | 764 | 0.000334 | 0.000164 | 13 | 3 | 10 | 0.000257 | 0.81250 |
| 979 | so | ai4n | 378 | 589 | 0.000334 | 0.000187 | 13 | 3 | 10 | 0.000257 | 0.81250 |
| 980 | oi4[dlrsmg \| n] | o[lr]y | 1124 | 318 | 0.000334 | 0.000098 | 13 | 3 | 10 | 0.000257 | 0.81250 |
| 981 | c + c[s \| fptk]e4y | opc + e0-4 + y \| dy \| o[dlrs]y | 1624 | 302 | 0.000334 | 0.000010 | 13 | 3 | 10 | 0.000257 | 0.81250 |
| 982 | c \| cs + e0-4s | ai4n | 188 | 589 | 0.000334 | 0.000261 | 13 | 3 | 10 | 0.000257 | 0.81250 |
| 983 | o[fptk \| dlrsmg][ao]m | tc-initial | 280 | 345 | 0.000334 | 0.000270 | 13 | 3 | 10 | 0.000257 | 0.81250 |
| 984 | ai4[dlrsmg \| n] | edy | 1519 | 4981 | 0.002877 | -0.002116 | 112 | 26 | 86 | 0.002209 | 0.81159 |
| 985 | lc-initial | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 457 | 3168 | 0.000771 | -0.000185 | 30 | 7 | 23 | 0.000591 | 0.81081 |
| 986 | [dlrsmg \| fptk] + ai4[dlrsmg] | ai4n | 1444 | 589 | 0.001207 | 0.000646 | 47 | 11 | 36 | 0.000925 | 0.81034 |
| 987 | oe0-4s | ai4[dlrsmg \| n] | 632 | 1519 | 0.002620 | 0.001987 | 102 | 24 | 78 | 0.002004 | 0.80952 |
| 988 | ai4[dlrsmg \| n] | [dlrsmg]e0-4y | 1519 | 453 | 0.000437 | -0.000017 | 17 | 4 | 13 | 0.000334 | 0.80952 |
| 989 | oke0-4y | rai4n | 1314 | 115 | 0.000437 | 0.000337 | 17 | 4 | 13 | 0.000334 | 0.80952 |
| 990 | [q \| fptk \| dlrsmg] + oi0-4[lr] | cean verbs | 1819 | 213 | 0.000437 | 0.000181 | 17 | 4 | 13 | 0.000334 | 0.80952 |
| 991 | [yo][fptk]e4o[dlrsmg] | [dlrsmg]ai4[lr] | 924 | 875 | 0.000540 | 0.000006 | 21 | 5 | 16 | 0.000411 | 0.80769 |
| 992 | ai4[dlrsmg \| n] | o[tk]e0-4y | 1519 | 2042 | 0.001773 | -0.000275 | 69 | 17 | 52 | 0.001336 | 0.80233 |
| 993 | [dlrsmg]ai4[lr] | ai4[dlrsmg \| n] | 875 | 1519 | 0.002287 | 0.001409 | 89 | 22 | 67 | 0.001721 | 0.80180 |
| 994 | oi4[dlrsmg \| n] | c \| c[s \| fptk] + e4dy | 1124 | 1395 | 0.002158 | 0.001123 | 84 | 21 | 63 | 0.001619 | 0.80000 |
| 995 | ai4r | ai4l | 483 | 306 | 0.000822 | 0.000725 | 32 | 8 | 24 | 0.000617 | 0.80000 |
| 996 | ce0-4s | ai4[dlrsmg \| n] | 165 | 1519 | 0.000719 | 0.000554 | 28 | 7 | 21 | 0.000540 | 0.80000 |
| 997 | oke4dy | okal variants | 933 | 544 | 0.000719 | 0.000384 | 28 | 7 | 21 | 0.000540 | 0.80000 |
| 998 | ai4[lr] | o[tk]e0-4y | 782 | 2042 | 0.000719 | -0.000335 | 28 | 7 | 21 | 0.000540 | 0.80000 |
| 999 | c \| c[s \| fptk] + e4dy | c + c[s \| fptk]e4y | 1395 | 1624 | 0.000617 | -0.000879 | 24 | 6 | 18 | 0.000462 | 0.80000 |
| 1000 | aro[dlrsmg] | ed[yoa] | 105 | 5851 | 0.000617 | 0.000211 | 24 | 6 | 18 | 0.000462 | 0.80000 |
| 1001 | kc-initial | [dlrsmg \| fptk] + ai4n | 322 | 1724 | 0.000514 | 0.000147 | 20 | 5 | 15 | 0.000385 | 0.80000 |
| 1002 | so | ce4y | 378 | 737 | 0.000514 | 0.000330 | 20 | 5 | 15 | 0.000385 | 0.80000 |
| 1003 | [dlrsmg]e0-4y | dc-initial | 453 | 454 | 0.000514 | 0.000378 | 20 | 5 | 15 | 0.000385 | 0.80000 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1004 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | o[fptk]c + e0-4dy | 2060 | 554 | 0.000514 | -0.000239 | 20 | 5 | 15 | 0.000385 | 0.80000 |
| 1005 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | [yo][fptk]e4o[dlrsmg] | 623 | 924 | 0.000411 | 0.000031 | 16 | 4 | 12 | 0.000308 | 0.80000 |
| 1006 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | ai4[dlrsmg] | 230 | 930 | 0.000411 | 0.000270 | 16 | 4 | 12 | 0.000308 | 0.80000 |
| 1007 | [yo][fp][yoa] | ai4[dlrsmg] | 339 | 930 | 0.000411 | 0.000203 | 16 | 4 | 12 | 0.000308 | 0.80000 |
| 1008 | [yo][fp][yoa] | [dlrsmg \| fptk] + ai4[dlrsmg] | 339 | 1444 | 0.000411 | 0.000088 | 16 | 4 | 12 | 0.000308 | 0.80000 |
| 1009 | o[fptk]c + e0-4dy | dai4n | 554 | 1140 | 0.000411 | -0.000006 | 16 | 4 | 12 | 0.000308 | 0.80000 |
| 1010 | oa | ai4r | 321 | 483 | 0.000411 | 0.000309 | 16 | 4 | 12 | 0.000308 | 0.80000 |
| 1011 | yc + e4o[lr] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 68 | 2246 | 0.000411 | 0.000310 | 16 | 4 | 12 | 0.000308 | 0.80000 |
| 1012 | l[fptk] Prefixes | [dlrsmg \| fptk] + ai4[dlrsmg] | 514 | 1444 | 0.000411 | -0.000079 | 16 | 4 | 12 | 0.000308 | 0.80000 |
| 1013 | eka | c[fptk]e4o-initial & c[fptk]e4y Superclass | 191 | 1659 | 0.000411 | 0.000202 | 16 | 4 | 12 | 0.000308 | 0.80000 |
| 1014 | [yo]tai0-4n | otal variants | 490 | 333 | 0.000411 | 0.000303 | 16 | 4 | 12 | 0.000308 | 0.80000 |
| 1015 | ai4n | ol[dtk] | 589 | 842 | 0.000411 | 0.000084 | 16 | 4 | 12 | 0.000308 | 0.80000 |
| 1016 | [tk]c-Initial | eda | 667 | 784 | 0.000308 | -0.000037 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1017 | odai0-4[lrm \| n] | c \| c[fptk] + e4o | 767 | 228 | 0.000308 | 0.000193 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1018 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | lc-initial | 503 | 457 | 0.000308 | 0.000157 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1019 | okol variants | ce4y | 285 | 737 | 0.000308 | 0.000170 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1020 | ai4[dlrsmg] | oke4dy | 930 | 933 | 0.000308 | -0.000264 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1021 | c + c[s \| fptk]e4y | oc[s \| fptk]e4y | 1624 | 319 | 0.000308 | -0.000034 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1022 | otce0-4y | okce0-4y | 281 | 338 | 0.000308 | 0.000246 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1023 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | ce4ai4n | 809 | 271 | 0.000308 | 0.000164 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1024 | aro[dlrsmg] | c + e4dy | 105 | 3053 | 0.000308 | 0.000097 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1025 | a[lr][ao][lr] | c[s \| fptk]e4dy | 391 | 622 | 0.000308 | 0.000148 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1026 | yodai0-4l | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 143 | 3168 | 0.000308 | 0.000009 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1027 | olo | y-initial | 175 | 1926 | 0.000308 | 0.000086 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1028 | [yo]ke4o[dlrsmg] | okol variants | 584 | 285 | 0.000308 | 0.000198 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1029 | otce0-4dy | o[tk]e0-4y | 172 | 2042 | 0.000308 | 0.000076 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1030 | [yo]ce4y + s infixes | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 172 | 2246 | 0.000308 | 0.000053 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1031 | [yo]pa | [dlrsmg \| fptk] + ai4n | 141 | 1724 | 0.000308 | 0.000148 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1032 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | [yo]c[fptk]e4y | 2060 | 294 | 0.000308 | -0.000091 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1033 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | oc[fptk]e4y | 2060 | 289 | 0.000308 | -0.000085 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1034 | o[tk]e0-4y | otar variants | 2042 | 345 | 0.000308 | -0.000157 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1035 | [dlrsmg]ai4[lr] | om | 875 | 203 | 0.000308 | 0.000191 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1036 | [yo]ke4o[dlrsmg] | [dlrsmg] + ai4[lr] + y-suffix | 584 | 1035 | 0.000308 | -0.000091 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1037 | y-initial | [fptk]e0-4y | 1926 | 161 | 0.000308 | 0.000104 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1038 | [yo][fptk]e4o[lr] | [dlrsmg \| fptk] + ai4[dlrsmg] | 449 | 1444 | 0.000308 | -0.000120 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1039 | ai4l | Single-Letter Words | 306 | 566 | 0.000308 | 0.000194 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1040 | cse4y | [yo]tai0-4n | 578 | 490 | 0.000308 | 0.000121 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1041 | [fptk]ai4[dlrsmg \| n] | [dlrsmg \| fptk] + ai4n | 411 | 1724 | 0.000308 | -0.000159 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1042 | o[dlrs]ce4y Superset | oke0-4y | 196 | 1314 | 0.000308 | 0.000138 | 12 | 3 | 9 | 0.000231 | 0.80000 |
| 1043 | o[fptk]e4dy | l[drs] Prefixes | 1444 | 95 | 0.000206 | 0.000115 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1044 | [yo]tai0-4n | o[fptk \| dlrsmg][ao]m | 490 | 280 | 0.000206 | 0.000115 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1045 | or[oa] | ek[yoa] | 340 | 446 | 0.000206 | 0.000105 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1046 | olk | oa | 557 | 321 | 0.000206 | 0.000088 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1047 | olk | otc + e0-4 + y \| dy \| o[dlrs]y | 557 | 493 | 0.000206 | 0.000024 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1048 | [fptk]ai4[dlrsmg \| n] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 411 | 519 | 0.000206 | 0.000065 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1049 | [dlrsmg] + ai4[lr] + y-suffix | yodai0-4r | 1035 | 205 | 0.000206 | 0.000065 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1050 | [dlrsmg] + ai4[lr] + y-suffix | od[ao]i0-4r | 1035 | 215 | 0.000206 | 0.000059 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1051 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | [yo]te4ol | 2060 | 99 | 0.000206 | 0.000071 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1052 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | ocke4y | 2060 | 162 | 0.000206 | -0.000015 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1053 | [yo][fptk][ao][lr] | ceam verbs | 2688 | 61 | 0.000206 | 0.000097 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1054 | cse4y | okc + e0-4 + y \| dy \| o[dlrs]y | 578 | 563 | 0.000206 | -0.000009 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1055 | cse4y | [yo]ce4y + infixed versions | 578 | 466 | 0.000206 | 0.000028 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1056 | ko | ea | 179 | 1195 | 0.000206 | 0.000064 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1057 | ko | oda | 179 | 847 | 0.000206 | 0.000105 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1058 | ko | yodai0-4[lrm \| n] | 179 | 832 | 0.000206 | 0.000107 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1059 | ko | ce4a | 179 | 1009 | 0.000206 | 0.000086 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1060 | o[fptk]e4dy | edo | 1444 | 90 | 0.000206 | 0.000120 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1061 | opce0-4dy | [yo][fp][yoa] | 159 | 339 | 0.000206 | 0.000170 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1062 | c[s \| fptk]e4dy | [yo][fptk]e4od + y | 622 | 284 | 0.000206 | 0.000089 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1063 | c[s \| fptk]e4dy | [yo][fptk]e4od | 622 | 355 | 0.000206 | 0.000060 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1064 | ce0-4s | ai4r | 165 | 483 | 0.000206 | 0.000153 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1065 | ko | [yo]d[ao]i0-4[lrm \| n] | 179 | 880 | 0.000206 | 0.000102 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1066 | [fptk] + c \| c[s \| fptk] + e4dy | o[fptk]ai4n | 196 | 1598 | 0.000206 | -0.000001 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1067 | ote0-4y | ceal verbs | 731 | 230 | 0.000206 | 0.000095 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1068 | dairol/soral relatives | o[lr]a | 190 | 469 | 0.000206 | 0.000147 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1069 | ote0-4y | otar variants | 731 | 345 | 0.000206 | 0.000039 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1070 | otce0-4dy | oke4dy | 172 | 933 | 0.000206 | 0.000100 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1071 | [dlrsmg]ai4[lr] | or[oa] | 875 | 340 | 0.000206 | 0.000009 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1072 | [dlrsmg]ai4[lr] | odai0-4r | 875 | 193 | 0.000206 | 0.000094 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1073 | cedar variants | cse4dy | 176 | 585 | 0.000206 | 0.000138 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1074 | cedar variants | c[s \| fptk]e4dy | 176 | 622 | 0.000206 | 0.000133 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1075 | [yo]ke4o[lr] | okol variants | 319 | 285 | 0.000206 | 0.000146 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1076 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | e[tk]o | 3168 | 60 | 0.000206 | 0.000080 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1077 | dc-initial | okal variants | 454 | 544 | 0.000206 | 0.000043 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1078 | old | dc-initial | 225 | 454 | 0.000206 | 0.000138 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1079 | [dlrsmg]e0-4y | oe0-4s | 453 | 632 | 0.000206 | 0.000017 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1080 | [yo]pa | dai4n | 141 | 1140 | 0.000206 | 0.000099 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1081 | cse4o | tc-initial | 205 | 345 | 0.000206 | 0.000159 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1082 | cse4o | ke4o | 205 | 137 | 0.000206 | 0.000187 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1083 | [dlrsmg]e0-4y | okce0-4y | 453 | 338 | 0.000206 | 0.000104 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1084 | ocke4y | ol[dtk] | 162 | 842 | 0.000206 | 0.000115 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1085 | oe | [tk]e4o | 463 | 206 | 0.000206 | 0.000143 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1086 | yce4y + infixed versions | o[fptk]ai4n | 87 | 1598 | 0.000206 | 0.000114 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1087 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | [yo][fptk] \| dlrsmg] + c \| cs + e4o | 1421 | 113 | 0.000206 | 0.000100 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1088 | olo | y[fptk]-initial | 175 | 1295 | 0.000206 | 0.000056 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1089 | c[s \| fptk]e4y | oc[s \| fptk]e4y | 887 | 319 | 0.000206 | 0.000019 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1090 | ola | [yo]d[ao]i0-4[lrm \| n] | 228 | 880 | 0.000206 | 0.000073 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1091 | [yo]ce4y + infixed versions | olcey relative | 466 | 277 | 0.000206 | 0.000120 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1092 | [yo]ce4y + infixed versions | otai0-4n | 466 | 430 | 0.000206 | 0.000073 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1093 | y + Non-[dlrs] Prefixes | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 205 | 503 | 0.000206 | 0.000137 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1094 | yodai0-4n | cte4y | 448 | 186 | 0.000206 | 0.000151 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1095 | lc-initial | eda | 457 | 784 | 0.000206 | -0.000031 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1096 | oke4dy | opc + e0-4 + y \| dy \| o[dlrs]y | 933 | 302 | 0.000206 | 0.000020 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1097 | cse4dy | [yo][fptk]e4od + y | 585 | 284 | 0.000206 | 0.000096 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1098 | cse4dy | [yo][fptk]e4od | 585 | 355 | 0.000206 | 0.000068 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1099 | ol[yoa] | so | 614 | 378 | 0.000206 | 0.000052 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1100 | Single-Letter Words | oke4dy | 566 | 933 | 0.000206 | -0.000143 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1101 | c + c[s \| fptk]e4y | sc-initial | 1624 | 103 | 0.000206 | 0.000095 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1102 | od[ao]i0-4[lrm \| n] | ceal verbs | 813 | 230 | 0.000206 | 0.000082 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1103 | oce4y + s infixes | dai4n | 90 | 1140 | 0.000206 | 0.000138 | 8 | 2 | 6 | 0.000154 | 0.80000 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1104 | c + c[s \| fptk]e4y | [yo]te4ol | 1624 | 99 | 0.000206 | 0.000099 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1105 | ek[yoa] | ol[yoa] | 446 | 614 | 0.000206 | 0.000025 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1106 | ai4[dlrsmg \| n] | a[dlrsmg]am | 1519 | 92 | 0.000206 | 0.000113 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1107 | [yo][fp]a | o[lr][yoa] | 200 | 1044 | 0.000206 | 0.000068 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1108 | ai4[dlrsmg \| n] | faceys relatives | 1519 | 61 | 0.000206 | 0.000144 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1109 | ai4[dlrsmg \| n] | cse4dy | 1519 | 585 | 0.000206 | -0.000381 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1110 | [tk]e4dy | okai0-4n | 309 | 994 | 0.000206 | 0.000003 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1111 | [dlrsmg] + ai4r | c[s \| fptk]e4dy | 190 | 622 | 0.000206 | 0.000128 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1112 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | ceal verbs | 733 | 230 | 0.000206 | 0.000094 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1113 | ceal variants | Single-Letter Words | 269 | 566 | 0.000206 | 0.000105 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1114 | otai0-4n | ai4r | 430 | 483 | 0.000206 | 0.000068 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1115 | cse0-4s | o[tk]e0-4y | 102 | 2042 | 0.000206 | 0.000068 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1116 | ai4[dlrsmg] | [tk]e4dy | 930 | 309 | 0.000206 | 0.000016 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1117 | ai4[dlrsmg] | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 930 | 623 | 0.000206 | -0.000177 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1118 | cean variants | o[lr][oa] | 255 | 735 | 0.000206 | 0.000082 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1119 | kc-initial | [dlrsmg] + ai4[lr] + y-suffix | 322 | 1035 | 0.000206 | -0.000014 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1120 | a-axis of [yo][fptk][ao][lr] | dai4m | 1731 | 130 | 0.000206 | 0.000057 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1121 | a-axis of [yo][fptk][ao][lr] | ceam variants | 1731 | 76 | 0.000206 | 0.000119 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1122 | otol variants | do | 239 | 383 | 0.000206 | 0.000145 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1123 | [yo]kai0-4n | ai0-4[dlrsmg][dlrsmg] | 1067 | 214 | 0.000206 | 0.000055 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1124 | o[lr][yo] | otal variants | 583 | 333 | 0.000206 | 0.000077 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1125 | o[fptk]eda[lrsm \| n] | oi4[dlrsmg \| n] | 184 | 1124 | 0.000206 | 0.000069 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1126 | oke4dy | [yo]te4o[dlrsmg] | 933 | 341 | 0.000206 | -0.000004 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1127 | oke4dy | opce0-4dy | 933 | 159 | 0.000206 | 0.000108 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1128 | pc-initial | o[lr][oa] | 307 | 735 | 0.000206 | 0.000057 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1129 | pc-initial | oke0-4y | 307 | 1314 | 0.000206 | -0.000061 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1130 | [yo]ce4y | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 113 | 2246 | 0.000206 | 0.000038 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1131 | [yo][fptk]e4od | o[lr]a | 355 | 469 | 0.000206 | 0.000096 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1132 | dc-initial | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 454 | 445 | 0.000206 | 0.000072 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1133 | dc-initial | cse4dy | 454 | 585 | 0.000206 | 0.000030 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1134 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | c \| cs + e0-4s | 809 | 188 | 0.000206 | 0.000105 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1135 | a[dlrsmg]c | y[fptk]-initial | 91 | 1295 | 0.000206 | 0.000128 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1136 | okol variants | od[ao]i0-4[lrm \| n] | 285 | 813 | 0.000206 | 0.000053 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1137 | odai0-4[lrm \| n] | cte4y | 767 | 186 | 0.000206 | 0.000111 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1138 | pc-initial | ai4[dlrsmg] | 307 | 930 | 0.000206 | 0.000017 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1139 | pc-initial | ai4[lr] | 307 | 782 | 0.000206 | 0.000047 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1140 | ai4r | cse4y | 483 | 578 | 0.000206 | 0.000021 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1141 | ce4y | [dlrsmg]e0-4y | 737 | 453 | 0.000206 | -0.000015 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1142 | ce4y | ceckey relatives | 737 | 377 | 0.000206 | 0.000022 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1143 | oke0-4y | o[fptk]eda[lrsm \| n] | 1314 | 184 | 0.000206 | 0.000046 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1144 | odai0-4[lrm \| n] | ceal verbs | 767 | 230 | 0.000206 | 0.000089 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1145 | okce0-4y | om + o[fptk \| dlrsmg]am | 338 | 454 | 0.000206 | 0.000104 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1146 | ora | o[lr][yo] | 241 | 583 | 0.000206 | 0.000113 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1147 | okce0-4y | okol variants | 338 | 285 | 0.000206 | 0.000142 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1148 | pc-initial | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 307 | 809 | 0.000206 | 0.000042 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1149 | [tk]c-Initial | [fptk]ai4[dlrsmg \| n] | 667 | 411 | 0.000206 | 0.000025 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1150 | ai4n | ce4dy | 589 | 755 | 0.000206 | -0.000088 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1151 | [yo][fptk]e4ol | c \| c[fptk] + e4o | 322 | 228 | 0.000206 | 0.000157 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1152 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | oke4dy | 519 | 933 | 0.000206 | -0.000114 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1153 | [yo][fptk]e4od + y | o-axis of [yo][fptk][ao][lr] | 284 | 764 | 0.000206 | 0.000062 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1154 | cte4[yo] | o[lr][oa] | 406 | 735 | 0.000206 | 0.000009 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1155 | cte4[yo] | or[yoa] | 406 | 438 | 0.000206 | 0.000088 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1156 | oi4[dlrsmg \| n] | ce4o | 1124 | 160 | 0.000206 | 0.000087 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1157 | cke4[yo] | [dlrsmg] + ai4[lr] + y-suffix | 172 | 1035 | 0.000206 | 0.000088 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1158 | cke4[yo] | [dlrsmg]ai4[lr] | 172 | 875 | 0.000206 | 0.000106 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1159 | cedar variants | opc + e0-4 + y \| dy \| o[dlrs]y | 176 | 302 | 0.000206 | 0.000170 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1160 | c \| cs + e0-4[dlrsmg] | okc + e0-4 + y \| dy \| o[dlrs]y | 281 | 563 | 0.000206 | 0.000101 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1161 | y[fptk]-initial | okce0-4dy | 1295 | 188 | 0.000206 | 0.000045 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1162 | lc-initial | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 457 | 230 | 0.000206 | 0.000136 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1163 | okal variants | c \| cs + e0-4[dlrsmg] | 544 | 281 | 0.000206 | 0.000105 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1164 | oi4n Superset | o[fptk]e4dy | 257 | 1444 | 0.000206 | -0.000039 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1165 | oa | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 321 | 1421 | 0.000206 | -0.000096 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1166 | ola | oda | 228 | 847 | 0.000206 | 0.000078 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1167 | ola | yodai0-4[lrm \| n] | 228 | 832 | 0.000206 | 0.000080 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1168 | do | o[lr][oa] | 383 | 735 | 0.000206 | 0.000020 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1169 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | ce4a | 445 | 1009 | 0.000206 | -0.000091 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1170 | do | cse4dy | 383 | 585 | 0.000206 | 0.000058 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1171 | ai4[dlrsmg \| n] | [yo]ce4y + s infixes | 1519 | 172 | 0.000206 | 0.000033 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1172 | ai4[dlrsmg \| n] | ke4dy | 1519 | 217 | 0.000206 | -0.000012 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1173 | [yo]d[ao]i0-4n | cte4y | 450 | 186 | 0.000206 | 0.000150 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1174 | cke4y | [dlrsmg \| fptk] + ai4[dlrsmg] | 93 | 1444 | 0.000206 | 0.000117 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1175 | edo | oi4[dlrsmg \| n] | 90 | 1124 | 0.000206 | 0.000139 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1176 | od[ao]i0-4[lrm \| n] | cte4y | 813 | 186 | 0.000206 | 0.000106 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1177 | c \| cs + e0-4d | y-initial | 89 | 1926 | 0.000206 | 0.000092 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1178 | c + e4dy | o[fptk]c + e0-4ol | 3053 | 159 | 0.000206 | -0.000115 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1179 | cedai4[lrsm \| n] | dc-initial | 527 | 454 | 0.000206 | 0.000048 | 8 | 2 | 6 | 0.000154 | 0.80000 |
| 1180 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | c \| cs + e0-4[dlrsmg] | 3168 | 281 | 0.001002 | 0.000414 | 39 | 10 | 29 | 0.000745 | 0.79592 |
| 1181 | ce4y | [tk]c-Initial | 737 | 667 | 0.000899 | 0.000575 | 35 | 9 | 26 | 0.000668 | 0.79545 |
| 1182 | ai4[dlrsmg \| n] | c[s \| fptk] + e4dy | 1519 | 1395 | 0.000796 | -0.000602 | 31 | 8 | 23 | 0.000591 | 0.79487 |
| 1183 | ai4[lr] | [yo]dy endings | 782 | 1228 | 0.000694 | 0.000060 | 27 | 7 | 20 | 0.000514 | 0.79412 |
| 1184 | [q \| fptk \| dlrsmg] + oi0-4[lr] | ke4dy | 1819 | 217 | 0.000694 | 0.000433 | 27 | 7 | 20 | 0.000514 | 0.79412 |
| 1185 | [dlrsmg]ai4[lr] | ai4[lr] | 875 | 782 | 0.001182 | 0.000730 | 46 | 12 | 34 | 0.000873 | 0.79310 |
| 1186 | c[s \| fptk]e4dy | o[fptk]c + e0-4dy | 622 | 554 | 0.000591 | 0.000363 | 23 | 6 | 17 | 0.000437 | 0.79310 |
| 1187 | sai4n | oi4[dlrsmg \| n] | 258 | 1124 | 0.000591 | 0.000399 | 23 | 6 | 17 | 0.000437 | 0.79310 |
| 1188 | oi4[dlrsmg \| n] | cse4dy | 1124 | 585 | 0.001079 | 0.000645 | 42 | 11 | 31 | 0.000796 | 0.79245 |
| 1189 | okc + e0-4 + y \| dy \| o[dlrs]y | o-axis of [yo][fptk][ao][lr] | 563 | 764 | 0.000488 | 0.000204 | 19 | 5 | 14 | 0.000360 | 0.79167 |
| 1190 | ai4n | ed[yoa] | 589 | 5851 | 0.001541 | -0.000733 | 60 | 16 | 44 | 0.001130 | 0.78947 |
| 1191 | ai4[dlrsmg \| n] | ote0-4y | 1519 | 731 | 0.000771 | 0.000038 | 30 | 8 | 22 | 0.000565 | 0.78947 |
| 1192 | lk-initial | [dlrsmg \| fptk] + ai4[dlrsmg] | 454 | 1444 | 0.000385 | -0.000047 | 15 | 4 | 11 | 0.000283 | 0.78947 |
| 1193 | ce4y | [tk]e4dy | 737 | 309 | 0.000385 | 0.000235 | 15 | 4 | 11 | 0.000283 | 0.78947 |
| 1194 | otc + e0-4 + y \| dy \| o[dlrs]y | [dlrsmg \| fptk]e0-4y | 493 | 735 | 0.000385 | 0.000146 | 15 | 4 | 11 | 0.000283 | 0.78947 |
| 1195 | cedaiin variants | c \| c[s \| fptk] + e4dy | 189 | 1395 | 0.000385 | 0.000211 | 15 | 4 | 11 | 0.000283 | 0.78947 |
| 1196 | om + o[fptk \| dlrsmg]am | [tk]c-Initial | 454 | 667 | 0.000385 | 0.000185 | 15 | 4 | 11 | 0.000283 | 0.78947 |
| 1197 | otar variants | ce4dy | 345 | 755 | 0.000385 | 0.000213 | 15 | 4 | 11 | 0.000283 | 0.78947 |
| 1198 | otol variants | y-initial | 239 | 1926 | 0.000385 | 0.000082 | 15 | 4 | 11 | 0.000283 | 0.78947 |
| 1199 | otai0-4n | otal variants | 430 | 333 | 0.000385 | 0.000291 | 15 | 4 | 11 | 0.000283 | 0.78947 |
| 1200 | c[fptk]e4o-initial & c[fptk]e4y Superclass | or[yo] | 1659 | 200 | 0.000385 | 0.000166 | 15 | 4 | 11 | 0.000283 | 0.78947 |
| 1201 | ote0-4y | l[fptk] Prefixes | 731 | 514 | 0.000385 | 0.000137 | 15 | 4 | 11 | 0.000283 | 0.78947 |
| 1202 | y-initial | oy + oe4y | 1926 | 207 | 0.000385 | 0.000122 | 15 | 4 | 11 | 0.000283 | 0.78947 |
| 1203 | o[fptk]c + e0-4ol | [dlrsmg \| fptk] + ai4[dlrsmg] | 159 | 1444 | 0.000385 | 0.000234 | 15 | 4 | 11 | 0.000283 | 0.78947 |
| 1204 | o[fptk]c + e0-4dy | ote0-4y | 554 | 731 | 0.000385 | 0.000118 | 15 | 4 | 11 | 0.000283 | 0.78947 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1205 | c + c[s \| fptk]e4y | o[fptk]c + e0-4dy | 1624 | 554 | 0.000385 | -0.000208 | 15 | 4 | 11 | 0.000283 | 0.78947 |
| 1206 | [yo][fptk]e4o[dlrsmg] | okol variants | 924 | 285 | 0.000385 | 0.000212 | 15 | 4 | 11 | 0.000283 | 0.78947 |
| 1207 | [dlrsmg] + ai4[lr] + y-suffix | ai4[dlrsmg \| n] | 1035 | 1519 | 0.002775 | 0.001737 | 108 | 29 | 79 | 0.002030 | 0.78832 |
| 1208 | o-axis of [yo][fptk][ao][lr] | ce4y | 764 | 737 | 0.000668 | 0.000296 | 26 | 7 | 19 | 0.000488 | 0.78788 |
| 1209 | [q \| fptk \| dlrsmg] + oi0-4[lr] | ai4n | 1819 | 589 | 0.002954 | 0.002247 | 115 | 31 | 84 | 0.002158 | 0.78767 |
| 1210 | [dlrsmg \| fptk] + ai4[dlrsmg] | ai4[dlrsmg \| n] | 1444 | 1519 | 0.003674 | 0.002226 | 143 | 39 | 104 | 0.002672 | 0.78571 |
| 1211 | oi4[dlrsmg \| n] | c[s \| fptk]e4dy | 1124 | 622 | 0.001130 | 0.000669 | 44 | 12 | 32 | 0.000822 | 0.78571 |
| 1212 | ai4[dlrsmg] | o[tk]e0-4y | 930 | 2042 | 0.000848 | -0.000406 | 33 | 9 | 24 | 0.000617 | 0.78571 |
| 1213 | aro[dlrsmg] | edy | 105 | 4981 | 0.000565 | 0.000220 | 22 | 6 | 16 | 0.000411 | 0.78571 |
| 1214 | o[tk]e0-4y | rai4n | 2042 | 115 | 0.000565 | 0.000410 | 22 | 6 | 16 | 0.000411 | 0.78571 |
| 1215 | [fptk]ai4[dlrsmg \| n] | o[fptk]ai4n | 411 | 1598 | 0.000565 | 0.000132 | 22 | 6 | 16 | 0.000411 | 0.78571 |
| 1216 | dc-initial | o[fptk]e4dy | 454 | 1444 | 0.000565 | 0.000133 | 22 | 6 | 16 | 0.000411 | 0.78571 |
| 1217 | ofc + e4 + y \| dy \| o + [lr] Superset | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 75 | 3168 | 0.000283 | 0.000126 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1218 | ol[tk] | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 621 | 186 | 0.000283 | 0.000206 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1219 | o[lr][yoa] | so | 1044 | 378 | 0.000283 | 0.000022 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1220 | odai0-4[lr] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 326 | 519 | 0.000283 | 0.000171 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1221 | odai0-4[lr] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 326 | 445 | 0.000283 | 0.000187 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1222 | [yo][fptk]e4o[lr] | [dlrsmg] + ai4[lr] + y-suffix | 449 | 1035 | 0.000283 | -0.000024 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1223 | [yo]c + e4o Superclass | o[fptk]c + e0-4y | 345 | 753 | 0.000283 | 0.000111 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1224 | c \| cs + e0-4[dlrsmg] | Single-Letter Words | 281 | 566 | 0.000283 | 0.000178 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1225 | [yo]ke4o[dlrsmg] | [dlrsmg]ai4[lr] | 584 | 875 | 0.000283 | -0.000055 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1226 | [yo]ke4o[dlrsmg] | c \| c[fptk] + e4o | 584 | 228 | 0.000283 | 0.000195 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1227 | o[tk]e0-4y | cedal variants | 2042 | 127 | 0.000283 | 0.000111 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1228 | o[fptk]c + e0-4y | [fptk]ai4[dlrsmg \| n] | 753 | 411 | 0.000283 | 0.000078 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1229 | ol[dtk] | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 842 | 186 | 0.000283 | 0.000179 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1230 | c[s \| fptk]e4dy | [fptk] + c \| c[s \| fptk] + e4dy | 622 | 196 | 0.000283 | 0.000202 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1231 | yodai0-4r | c + c[s \| fptk]e4y | 205 | 1624 | 0.000283 | 0.000063 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1232 | o[fptk]ai4n | cedar variants | 1598 | 176 | 0.000283 | 0.000097 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1233 | cse4y | otai0-4n | 578 | 430 | 0.000283 | 0.000119 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1234 | [yo]d[ao]i0-4r | c + c[s \| fptk]e4y | 228 | 1624 | 0.000283 | 0.000038 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1235 | c + e4dy | qo variants | 3053 | 59 | 0.000283 | 0.000164 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1236 | olk | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 557 | 230 | 0.000283 | 0.000198 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1237 | [yo][fp][yoa] | ai4[lr] | 339 | 782 | 0.000283 | 0.000108 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1238 | cectey relatives | c[fptk]e4o-initial & c[fptk]e4y Superclass | 197 | 1659 | 0.000283 | 0.000067 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1239 | cse4dy | [fptk] + c \| c[s \| fptk] + e4dy | 585 | 196 | 0.000283 | 0.000207 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1240 | dai4n | c \| cs + e0-4[dlrsmg] | 1140 | 281 | 0.000283 | 0.000071 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1241 | c[s \| fptk]e4y | oce4y + infixed versions | 887 | 379 | 0.000283 | 0.000061 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1242 | odai0-4l | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 133 | 3168 | 0.000283 | 0.000005 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1243 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | okol variants | 519 | 285 | 0.000283 | 0.000185 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1244 | oa | ce4y | 321 | 737 | 0.000283 | 0.000126 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1245 | l[fptk] Prefixes | [dlrsmg] + ai4[lr] + y-suffix | 514 | 1035 | 0.000283 | -0.000069 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1246 | ai4[lr] | a[lr][fptk] | 782 | 83 | 0.000283 | 0.000240 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1247 | lk-initial | ote4dy | 454 | 509 | 0.000283 | 0.000130 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1248 | [dlrsmg \| fptk] + ai4n | c \| cs + e0-4s | 1724 | 188 | 0.000283 | 0.000069 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1249 | ol[oa] | ce4y | 401 | 737 | 0.000283 | 0.000088 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1250 | yodai0-4[lr] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 348 | 445 | 0.000283 | 0.000180 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1251 | yodai0-4[lr] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 348 | 519 | 0.000283 | 0.000163 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1252 | od[ao]i0-4r | c + c[s \| fptk]e4y | 215 | 1624 | 0.000283 | 0.000052 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1253 | c \| cs + e0-4s | ai4r | 188 | 483 | 0.000283 | 0.000223 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1254 | odai0-4r | c + c[s \| fptk]e4y | 193 | 1624 | 0.000283 | 0.000076 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1255 | cedaiin variants | c[fptk]e4o-initial & c[fptk]e4y Superclass | 189 | 1659 | 0.000283 | 0.000076 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1256 | [yo]ke4o[lr] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 319 | 503 | 0.000283 | 0.000177 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1257 | ceam variants | y-initial | 76 | 1926 | 0.000283 | 0.000186 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1258 | okc + e0-4 + y \| dy \| o[dlrs]y | okal variants | 563 | 544 | 0.000283 | 0.000080 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1259 | oi4[dlrsmg \| n] | oi4n | 1124 | 58 | 0.000283 | 0.000240 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1260 | [fp]c-Initial | ai4[dlrsmg \| n] | 387 | 1519 | 0.000283 | -0.000105 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1261 | [fp]c-Initial | ce4a | 387 | 1009 | 0.000283 | 0.000025 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1262 | pc-initial | o[fptk]e4dy | 307 | 1444 | 0.000283 | -0.000010 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1263 | a[lr][ao][lr] | cse4dy | 391 | 585 | 0.000283 | 0.000132 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1264 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | okol variants | 445 | 285 | 0.000283 | 0.000199 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1265 | lc-initial | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 457 | 809 | 0.000283 | 0.000039 | 11 | 3 | 8 | 0.000206 | 0.78571 |
| 1266 | so | c + c[s \| fptk]e4y | 378 | 1624 | 0.001028 | 0.000622 | 40 | 11 | 29 | 0.000745 | 0.78431 |
| 1267 | okc + e0-4 + y \| dy \| o[dlrs]y | a-axis of [yo][fptk][ao][lr] | 563 | 1731 | 0.000745 | 0.000102 | 29 | 8 | 21 | 0.000540 | 0.78378 |
| 1268 | ea | ai4r | 1195 | 483 | 0.000745 | 0.000364 | 29 | 8 | 21 | 0.000540 | 0.78378 |
| 1269 | okal variants | [dlrsmg]ai4[lr] | 544 | 875 | 0.000745 | 0.000431 | 29 | 8 | 21 | 0.000540 | 0.78378 |
| 1270 | ai4[dlrsmg \| n] | [yo]d[ao]i0-4n | 1519 | 450 | 0.000462 | 0.000011 | 18 | 5 | 13 | 0.000334 | 0.78261 |
| 1271 | ai4[dlrsmg \| n] | yodai0-4n | 1519 | 448 | 0.000462 | 0.000013 | 18 | 5 | 13 | 0.000334 | 0.78261 |
| 1272 | [yo]pa | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 141 | 3168 | 0.000462 | 0.000168 | 18 | 5 | 13 | 0.000334 | 0.78261 |
| 1273 | [yo]dy endings | okol variants | 1228 | 285 | 0.000462 | 0.000231 | 18 | 5 | 13 | 0.000334 | 0.78261 |
| 1274 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | c \| cs + e0-4s | 3168 | 188 | 0.000462 | 0.000069 | 18 | 5 | 13 | 0.000334 | 0.78261 |
| 1275 | cse4o | [tk]c-Initial | 205 | 667 | 0.000462 | 0.000372 | 18 | 5 | 13 | 0.000334 | 0.78261 |
| 1276 | dc-initial | oke4dy | 454 | 933 | 0.000462 | 0.000183 | 18 | 5 | 13 | 0.000334 | 0.78261 |
| 1277 | y-initial | olcey relative | 1926 | 277 | 0.000462 | 0.000110 | 18 | 5 | 13 | 0.000334 | 0.78261 |
| 1278 | c + c[s \| fptk]e4y | ke4dy | 1624 | 217 | 0.000462 | 0.000230 | 18 | 5 | 13 | 0.000334 | 0.78261 |
| 1279 | or[yo] | y-initial | 200 | 1926 | 0.000462 | 0.000208 | 18 | 5 | 13 | 0.000334 | 0.78261 |
| 1280 | ai4[lr] | c[fptk]e4o-initial & c[fptk]e4y Superclass | 782 | 1659 | 0.000462 | -0.000394 | 18 | 5 | 13 | 0.000334 | 0.78261 |
| 1281 | ai4n | c[fptk]e4o-initial & c[fptk]e4y Superclass | 589 | 1659 | 0.000462 | -0.000183 | 18 | 5 | 13 | 0.000334 | 0.78261 |
| 1282 | [tk]e4dy | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 309 | 3168 | 0.000642 | -0.000004 | 25 | 7 | 18 | 0.000462 | 0.78125 |
| 1283 | cse4dy | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 585 | 1421 | 0.000822 | 0.000273 | 32 | 9 | 23 | 0.000591 | 0.78049 |
| 1284 | l[fptk] Prefixes | o[fptk]ai4n | 514 | 1598 | 0.000822 | 0.000280 | 32 | 9 | 23 | 0.000591 | 0.78049 |
| 1285 | ai4[dlrsmg] | edy | 930 | 4981 | 0.001619 | -0.001439 | 63 | 18 | 45 | 0.001156 | 0.77778 |
| 1286 | [dlrsmg \| fptk] + ai4[dlrsmg] | cse4dy | 1444 | 585 | 0.001079 | 0.000521 | 42 | 12 | 30 | 0.000771 | 0.77778 |
| 1287 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | cse4o | 3168 | 205 | 0.000540 | 0.000111 | 21 | 6 | 15 | 0.000385 | 0.77778 |
| 1288 | [yo]ke4o | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 89 | 3168 | 0.000540 | 0.000353 | 21 | 6 | 15 | 0.000385 | 0.77778 |
| 1289 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | ai4[dlrsmg \| n] | 230 | 1519 | 0.000540 | 0.000309 | 21 | 6 | 15 | 0.000385 | 0.77778 |
| 1290 | ai4r | o[tk]e0-4y | 483 | 2042 | 0.000540 | -0.000111 | 21 | 6 | 15 | 0.000385 | 0.77778 |
| 1291 | ai4[dlrsmg \| n] | ek[yoa] | 1519 | 446 | 0.000540 | 0.000092 | 21 | 6 | 15 | 0.000385 | 0.77778 |
| 1292 | ce4a | ai4r | 1009 | 483 | 0.000540 | 0.000218 | 21 | 6 | 15 | 0.000385 | 0.77778 |
| 1293 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | cean verbs | 733 | 213 | 0.000360 | 0.000257 | 14 | 4 | 10 | 0.000257 | 0.77778 |
| 1294 | ai4[dlrsmg \| n] | a[lr][fptk] | 1519 | 83 | 0.000360 | 0.000276 | 14 | 4 | 10 | 0.000257 | 0.77778 |
| 1295 | ai4[dlrsmg] | [dlrsmg]e0-4y | 930 | 453 | 0.000360 | 0.000082 | 14 | 4 | 10 | 0.000257 | 0.77778 |
| 1296 | o-axis of [yo][fptk][ao][lr] | otar variants | 764 | 345 | 0.000360 | 0.000186 | 14 | 4 | 10 | 0.000257 | 0.77778 |
| 1297 | kc-initial | dai4n | 322 | 1140 | 0.000360 | 0.000117 | 14 | 4 | 10 | 0.000257 | 0.77778 |
| 1298 | ce4ai4n | y[fptk]-initial | 271 | 1295 | 0.000360 | 0.000128 | 14 | 4 | 10 | 0.000257 | 0.77778 |
| 1299 | oda | cse4o | 847 | 205 | 0.000360 | 0.000245 | 14 | 4 | 10 | 0.000257 | 0.77778 |
| 1300 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | ai4r | 809 | 483 | 0.000360 | 0.000102 | 14 | 4 | 10 | 0.000257 | 0.77778 |
| 1301 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | a-axis of [yo][fptk][ao][lr] | 230 | 1731 | 0.000360 | 0.000097 | 14 | 4 | 10 | 0.000257 | 0.77778 |
| 1302 | cte4[yo] | o[lr][yoa] | 406 | 1044 | 0.000360 | 0.000080 | 14 | 4 | 10 | 0.000257 | 0.77778 |
| 1303 | c[fptk]e4o-initial & c[fptk]e4y | otal variants | 1659 | 333 | 0.000360 | -0.000005 | 14 | 4 | 10 | 0.000257 | 0.77778 |

| | Superclass | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1304 | [fptk]ai4[lr] | ai4[lr] | 190 | 782 | 0.000360 | 0.000262 | 14 | 4 | 10 | 0.000257 | 0.77778 |
| 1305 | [tk]c-Initial | olk | 667 | 557 | 0.000360 | 0.000114 | 14 | 4 | 10 | 0.000257 | 0.77778 |
| 1306 | [yo]c[s \| fptk]e4y | o-axis of [yo][fptk][ao][lr] | 353 | 764 | 0.000360 | 0.000182 | 14 | 4 | 10 | 0.000257 | 0.77778 |
| 1307 | [ao][lr][ao][lr] Pipe/Flow | cse4y | 843 | 578 | 0.000360 | 0.000038 | 14 | 4 | 10 | 0.000257 | 0.77778 |
| 1308 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | o[fptk]c + e0-4ol | 1421 | 159 | 0.000360 | 0.000211 | 14 | 4 | 10 | 0.000257 | 0.77778 |
| 1309 | cte4[yo] | oe0-4s | 406 | 632 | 0.000360 | 0.000190 | 14 | 4 | 10 | 0.000257 | 0.77778 |
| 1310 | ocke4y | oke0-4y | 162 | 1314 | 0.000360 | 0.000219 | 14 | 4 | 10 | 0.000257 | 0.77778 |
| 1311 | cse4y | o[fptk]c + e0-4y | 578 | 753 | 0.000360 | 0.000072 | 14 | 4 | 10 | 0.000257 | 0.77778 |
| 1312 | [fptk]ai4[dlrsmg \| n] | ol[dtk] | 411 | 842 | 0.000360 | 0.000131 | 14 | 4 | 10 | 0.000257 | 0.77778 |
| 1313 | [fptk]ai4[dlrsmg \| n] | okai0-4n | 411 | 994 | 0.000360 | 0.000090 | 14 | 4 | 10 | 0.000257 | 0.77778 |
| 1314 | o + c \| cs + e4o[lr] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 88 | 2246 | 0.000360 | 0.000229 | 14 | 4 | 10 | 0.000257 | 0.77778 |
| 1315 | yodai0-4[lrm \| n] | cse4o | 832 | 205 | 0.000360 | 0.000247 | 14 | 4 | 10 | 0.000257 | 0.77778 |
| 1316 | c \| c[s \| fptk] + e4dy | opc + e0-4 + y \| dy \| o[dlrs]y | 1395 | 302 | 0.000360 | 0.000082 | 14 | 4 | 10 | 0.000257 | 0.77778 |
| 1317 | ai4[dlrsmg \| n] | o[fptk]c + e0-4y | 1519 | 753 | 0.000360 | -0.000395 | 14 | 4 | 10 | 0.000257 | 0.77778 |
| 1318 | om + o[fptk \| dlrsmg]am | tc-initial | 454 | 345 | 0.000360 | 0.000256 | 14 | 4 | 10 | 0.000257 | 0.77778 |
| 1319 | oi | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 304 | 623 | 0.000180 | 0.000055 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1320 | c \| cs + e0-4d | y[fptk]-initial | 89 | 1295 | 0.000180 | 0.000104 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1321 | eda | oc[fpt]e4y | 784 | 132 | 0.000180 | 0.000112 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1322 | cke4y | [dlrsmg] + ai4[lr] + y-suffix | 93 | 1035 | 0.000180 | 0.000116 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1323 | cke4y | [dlrsmg]ai4[lr] | 93 | 875 | 0.000180 | 0.000126 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1324 | c \| cs + e0-4s | ote0-4y | 188 | 731 | 0.000180 | 0.000089 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1325 | [q \| fptk \| dlrsmg] + oi0-4[lr] | olcey relatives (non-edy) | 1819 | 138 | 0.000180 | 0.000014 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1326 | [yo][fp]ai0-4[rn] | ai4[lr] | 111 | 782 | 0.000180 | 0.000123 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1327 | Detached Class Modifiers | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 95 | 1421 | 0.000180 | 0.000091 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1328 | lc-initial | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 457 | 186 | 0.000180 | 0.000124 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1329 | [fptk]ai4n | ek[yoa] | 191 | 446 | 0.000180 | 0.000124 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1330 | sai4n | [yo]ke4o[dlrsmg] | 258 | 584 | 0.000180 | 0.000080 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1331 | cse4dy | cse4y | 585 | 578 | 0.000180 | -0.000043 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1332 | oke4dy | od[ao]i0-4n | 933 | 410 | 0.000180 | -0.000073 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1333 | oke4dy | yodai0-4n | 933 | 448 | 0.000180 | -0.000096 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1334 | oke4dy | odai0-4n | 933 | 408 | 0.000180 | -0.000071 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1335 | oke4dy | [yo]d[ao]i0-4n | 933 | 450 | 0.000180 | -0.000097 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1336 | [fptk]ai4m | edy | 20 | 4981 | 0.000180 | 0.000114 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1337 | [dlrsmg \| fptk] + ai4n | ols | 1724 | 93 | 0.000180 | 0.000074 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1338 | o-axis of [yo][fptk][ao][lr] | od[ao]i0-4n | 764 | 410 | 0.000180 | -0.000027 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1339 | or[yoa] | oa | 438 | 321 | 0.000180 | 0.000087 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1340 | c + c[s \| fptk]e4y | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 1624 | 222 | 0.000180 | -0.000058 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1341 | od[ao]i0-4[lrm \| n] | [yo][fptk\| dlrsmg] + c \| cs + e4o | 813 | 113 | 0.000180 | 0.000119 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1342 | Detached Class Modifiers | o[fptk]c + e0-4y | 95 | 753 | 0.000180 | 0.000133 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1343 | lc-initial | cedai4[lrsm \| n] | 457 | 527 | 0.000180 | 0.000021 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1344 | ola | ce4y | 228 | 737 | 0.000180 | 0.000069 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1345 | c[s \| fptk]e4y | sc-initial | 887 | 103 | 0.000180 | 0.000120 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1346 | c[s \| fptk]e4y | o[lr]o | 887 | 274 | 0.000180 | 0.000019 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1347 | Consonant Clusters | y-initial | 115 | 1926 | 0.000180 | 0.000034 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1348 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | od endings | 623 | 243 | 0.000180 | 0.000080 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1349 | a-axis of [yo][fptk][ao][lr] | g | 1731 | 132 | 0.000180 | 0.000029 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1350 | c \| c[s \| fptk] + e4dy | l[drs] Prefixes | 1395 | 95 | 0.000180 | 0.000092 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1351 | dai4n | c \| cs + e0-4s | 1140 | 188 | 0.000180 | 0.000038 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1352 | dai4n | ce0-4s | 1140 | 165 | 0.000180 | 0.000056 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1353 | o[fptk]c + e0-4ol | [dlrsmg]ai4[lr] | 159 | 875 | 0.000180 | 0.000088 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1354 | o[lr][yo] | c \| cs + e0-4[dlrsmg] | 583 | 281 | 0.000180 | 0.000072 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1355 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | oke4dy | 445 | 933 | 0.000180 | -0.000094 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1356 | o[lr]a | [yo]d[ao]i0-4[lr] | 469 | 393 | 0.000180 | 0.000058 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1357 | yodai0-4[lrm \| n] | [yo][fptk\| dlrsmg] + c \| cs + e4o | 832 | 113 | 0.000180 | 0.000118 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1358 | [dlrsmg]ai4m | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 149 | 733 | 0.000180 | 0.000108 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1359 | oce4y + infixed versions | o[lr]y | 379 | 318 | 0.000180 | 0.000100 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1360 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | okam variants | 2060 | 76 | 0.000180 | 0.000077 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1361 | [dlrsmg \| fptk] + ai4[dlrsmg] | c \| cs + e0-4s | 1444 | 188 | 0.000180 | 0.000001 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1362 | [yo]pa | ai4[lr] | 141 | 782 | 0.000180 | 0.000107 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1363 | [yo]d[ao]i0-4[lrm \| n] | [yo][fptk\| dlrsmg] + c \| cs + e4o | 880 | 113 | 0.000180 | 0.000114 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1364 | cse4o | [tk]e4o | 205 | 206 | 0.000180 | 0.000152 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1365 | c + e4dy | o[fptk][ao]s | 3053 | 66 | 0.000180 | 0.000047 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1366 | ai0-4[dlrsmg][dlrsmg] | [yo]ce4y + infixed versions | 214 | 466 | 0.000180 | 0.000114 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1367 | o[dlrs]ce4y Superset | lc-initial | 196 | 457 | 0.000180 | 0.000121 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1368 | olk | [yo][fptk]e4o[lr] | 557 | 449 | 0.000180 | 0.000015 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1369 | okc + e4or | [dlrsmg \| fptk] + ai4n | 54 | 1724 | 0.000180 | 0.000118 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1370 | okc + e4or | dai4n | 54 | 1140 | 0.000180 | 0.000139 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1371 | [dlrsmg]e0-4y | Single-Letter Words | 453 | 566 | 0.000180 | 0.000011 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1372 | et[yoa] | ote0-4y | 186 | 731 | 0.000180 | 0.000090 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1373 | oe0-4s | olk | 632 | 557 | 0.000180 | -0.000053 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1374 | olk | [yo][fptk]e4ol | 557 | 322 | 0.000180 | 0.000061 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1375 | [yo][fp][yoa] | [dlrsmg \| fptk]e0-4y | 339 | 735 | 0.000180 | 0.000015 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1376 | [yo]ke4o[dlrsmg] | okc + e0-4 + y \| dy \| o[dlrs]y | 584 | 563 | 0.000180 | -0.000037 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1377 | [yo]ke4o[dlrsmg] | oy | 584 | 141 | 0.000180 | 0.000125 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1378 | oe | [yo][fptk]e4o[lr] | 463 | 449 | 0.000180 | 0.000043 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1379 | o[lr]a | yodai0-4[lr] | 469 | 348 | 0.000180 | 0.000072 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1380 | [yo]ce4y + s infixes | [tk]c-Initial | 172 | 667 | 0.000180 | 0.000104 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1381 | cse4y | okce0-4y | 578 | 338 | 0.000180 | 0.000051 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1382 | ed[yoa] | o[fptk]e4os | 5851 | 106 | 0.000180 | -0.000230 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1383 | ko | odai0-4[lrm \| n] | 179 | 767 | 0.000180 | 0.000089 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1384 | ko | od[ao]i0-4[lrm \| n] | 179 | 813 | 0.000180 | 0.000084 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1385 | ko | [yo]dy endings | 179 | 1228 | 0.000180 | 0.000035 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1386 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | [dlrsmg \| fptk] + ai4[dlrsmg] | 186 | 1444 | 0.000180 | 0.000003 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1387 | dairol/soral relatives | cse4dy | 190 | 585 | 0.000180 | 0.000106 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1388 | dairol/soral relatives | c[s \| fptk]e4dy | 190 | 622 | 0.000180 | 0.000102 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1389 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | od endings + odcey relatives | 623 | 275 | 0.000180 | 0.000067 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1390 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | [yo][fptk]e4ol | 623 | 322 | 0.000180 | 0.000047 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1391 | [yo][fptk][ao][lr] | oro | 2688 | 102 | 0.000180 | -0.000001 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1392 | [yo][fptk][ao][lr] | yc + e4o[lr] | 2688 | 68 | 0.000180 | 0.000059 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1393 | [yo]ke4ol | c \| c[fptk] + e4o | 223 | 228 | 0.000180 | 0.000146 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1394 | o[fptk]c + e0-4y | [yo][fptk\| dlrsmg] + c \| cs + e4o | 753 | 113 | 0.000180 | 0.000124 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1395 | [yo]tai0-4n | [dlrsmg] + ai4[lr] + y-suffix | 490 | 1035 | 0.000180 | -0.000155 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1396 | [yo][fptk]e4ol | okol variants | 322 | 285 | 0.000180 | 0.000119 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1397 | oe sans oy + oe4y, oe0-4s | [yo]ce4y + infixed versions | 317 | 466 | 0.000180 | 0.000082 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1398 | oe sans oy + oe4y, oe0-4s | o[fptk]c + e0-4dy | 317 | 554 | 0.000180 | 0.000064 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1399 | or[oa] | o[lr]o | 340 | 274 | 0.000180 | 0.000118 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1400 | [yo]e0-4[fp]e0-4[yo] | [q \| fptk \| dlrsmg] + oi0-4[lr] | 149 | 1819 | 0.000180 | 0.000001 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1401 | [yo]e0-4[fp]e0-4[yo] | [dlrsmg \| fptk] + ai4n | 149 | 1724 | 0.000180 | 0.000010 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1402 | olcey relatives (non-edy) | ote0-4y | 138 | 731 | 0.000180 | 0.000113 | 7 | 2 | 5 | 0.000128 | 0.77778 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1403 | [yo]te4o | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 49 | 3168 | 0.000180 | 0.000077 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1404 | [dlrsmg] + ai4[lr] + y-suffix | odai0-4r | 1035 | 193 | 0.000180 | 0.000048 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1405 | [fptk]ai4[dlrsmg \| n] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 411 | 445 | 0.000180 | 0.000059 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1406 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | [tk]y | 1421 | 52 | 0.000180 | 0.000131 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1407 | d[fptk \| drs] | y-initial | 56 | 1926 | 0.000180 | 0.000109 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1408 | c \| cs + e0-4[dlrsmg] | [dlrsmg \| fptk]e0-4y | 281 | 735 | 0.000180 | 0.000044 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1409 | [yo]ke4o[dlrsmg] | [yo]te4o[lr] | 584 | 130 | 0.000180 | 0.000130 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1410 | [yo][fptk]e4o[dlrsmg] | [yo]ke4o | 924 | 89 | 0.000180 | 0.000126 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1411 | te4o | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 75 | 2246 | 0.000180 | 0.000069 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1412 | o[lr][oa] | ek[yo] | 735 | 255 | 0.000180 | 0.000056 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1413 | [yo][fp][yoa] | oi | 339 | 304 | 0.000180 | 0.000112 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1414 | od[ao]i0-4n | cte4y | 410 | 186 | 0.000180 | 0.000130 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1415 | dc-initial | oc[s \| fptk]e4y | 454 | 319 | 0.000180 | 0.000084 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1416 | [ao][lr][ao][lr] Pipe/Flow | [dlrsmg] + c \| c[s \| fptk] + e4dy | 843 | 327 | 0.000180 | -0.000002 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1417 | [ao][lr][ao][lr] Pipe/Flow | kc-initial | 843 | 322 | 0.000180 | 0.000001 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1418 | c \| c[fptk] + e4o | cte4[yo] | 228 | 406 | 0.000180 | 0.000119 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1419 | [yo]c + e4o Superclass | okc + e0-4 + y \| dy \| o[dlrs]y | 345 | 563 | 0.000180 | 0.000052 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1420 | dc-initial | cke4[yo] | 454 | 172 | 0.000180 | 0.000128 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1421 | o[fptk]ai4n | c \| c[fptk] + e4o | 1598 | 228 | 0.000180 | -0.000061 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1422 | ol[tk] | [yo][fptk]e4ol | 621 | 322 | 0.000180 | 0.000048 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1423 | ol[tk] | [yo]ke4o[lr] | 621 | 319 | 0.000180 | 0.000049 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1424 | c[s \| fptk]e4dy | oe | 622 | 463 | 0.000180 | -0.000010 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1425 | odai0-4[lr] | [yo]kai0-4n | 326 | 1067 | 0.000180 | -0.000050 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1426 | [yo][fptk]e4o[lr] | ai4[lr] | 449 | 782 | 0.000180 | -0.000052 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1427 | odai0-4n | cte4y | 408 | 186 | 0.000180 | 0.000130 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1428 | [yo][fptk][ao][lr] | aro[dlrsmg] | 2688 | 105 | 0.000180 | -0.000006 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1429 | [fp]c-Initial | oe0-4[fp]oe0-4[lr] | 387 | 71 | 0.000180 | 0.000162 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1430 | ce4dy | te4dy | 755 | 91 | 0.000180 | 0.000134 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1431 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | [tk]e4dy | 503 | 309 | 0.000180 | 0.000077 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1432 | [yo][fptk]e4or | cse4y | 127 | 578 | 0.000180 | 0.000131 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1433 | cear verbs | o[fptk \| dlrsmg][ao]m | 303 | 280 | 0.000180 | 0.000124 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1434 | [sr]c-Initial | [yo][fptk]e4o[dlrsmg] | 179 | 924 | 0.000180 | 0.000071 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1435 | eka | ol[dtk] | 191 | 842 | 0.000180 | 0.000074 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1436 | oi4[dlrsmg \| n] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 1124 | 519 | 0.000180 | -0.000205 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1437 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | okor variants | 1227 | 122 | 0.000180 | 0.000081 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1438 | [dlrsmg]ai4[lr] | g | 875 | 132 | 0.000180 | 0.000104 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1439 | c[fptk]e4y | ol[dtk] | 310 | 842 | 0.000180 | 0.000008 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1440 | c[fptk]e4y | o[lr][yoa] | 310 | 1044 | 0.000180 | -0.000034 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1441 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ory | 2246 | 28 | 0.000180 | 0.000138 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1442 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | o[lr][oa] | 222 | 735 | 0.000180 | 0.000072 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1443 | oda | [yo][fptk\| dlrsmg] + c \| cs + e4o | 847 | 113 | 0.000180 | 0.000117 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1444 | okc + e4ol | [dlrsmg \| fptk] + ai4[dlrsmg] | 55 | 1444 | 0.000180 | 0.000127 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1445 | dc-initial | [yo]c[s \| fptk]e4y | 454 | 353 | 0.000180 | 0.000074 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1446 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4od | edy | 68 | 4981 | 0.000180 | -0.000044 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1447 | [yo]ce4y | [tk]c-Initial | 113 | 667 | 0.000180 | 0.000130 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1448 | okc + e0-4 + y \| dy \| o[dlrs]y | om | 563 | 203 | 0.000180 | 0.000104 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1449 | okc + e0-4 + y \| dy \| o[dlrs]y | [yo]tai0-4n | 563 | 490 | 0.000180 | -0.000002 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1450 | kc-initial | ol[tk] | 322 | 621 | 0.000180 | 0.000048 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1451 | [yo]c[s \| fptk]e4y | ote0-4y | 353 | 731 | 0.000180 | 0.000010 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1452 | otc + e0-4 + y \| dy \| o[dlrs]y | [yo][fptk]e4od | 493 | 355 | 0.000180 | 0.000064 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1453 | oke0-4y | l[drs] Prefixes | 1314 | 95 | 0.000180 | 0.000097 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1454 | yodai0-4[lr] | [yo]kai0-4n | 348 | 1067 | 0.000180 | -0.000065 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1455 | y[fptk]-initial | oy + oe4y | 1295 | 207 | 0.000180 | 0.000003 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1456 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | cean verbs | 503 | 213 | 0.000180 | 0.000109 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1457 | odai0-4[lrm \| n] | [yo][fptk\| dlrsmg] + c \| cs + e4o | 767 | 113 | 0.000180 | 0.000123 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1458 | cean verbs | cteo-initial | 213 | 220 | 0.000180 | 0.000149 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1459 | cean verbs | o[lr][oa] | 213 | 735 | 0.000180 | 0.000077 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1460 | cse0-4s | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 102 | 2060 | 0.000180 | 0.000041 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1461 | o-axis of [yo][fptk][ao][lr] | cedai4[lrsm \| n] | 764 | 527 | 0.000180 | -0.000086 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1462 | yce4y + s infixes | o[fptk]ai4n | 82 | 1598 | 0.000180 | 0.000093 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1463 | [yo]ce4y + infixed versions | [tk]e4o | 466 | 206 | 0.000180 | 0.000116 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1464 | [fptk]ai4m | ed[yoa] | 20 | 5851 | 0.000180 | 0.000103 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1465 | o[fptk]c + e0-4dy | otol variants | 554 | 239 | 0.000180 | 0.000092 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1466 | a-axis of [yo][fptk][ao][lr] | ceam verbs | 1731 | 61 | 0.000180 | 0.000110 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1467 | cean nouns | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 43 | 2246 | 0.000180 | 0.000116 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1468 | aro[dlrsmg] | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 105 | 1421 | 0.000180 | 0.000081 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1469 | ce4a | [yo]ce4y + s infixes | 1009 | 172 | 0.000180 | 0.000065 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1470 | o-axis of [yo][fptk][ao][lr] | odai0-4n | 764 | 408 | 0.000180 | -0.000026 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1471 | od endings | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 243 | 519 | 0.000180 | 0.000097 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1472 | [yo]d[ao]i0-4n | cse4o | 450 | 205 | 0.000180 | 0.000119 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1473 | ke4dy | [dlrsmg] + ai4[lr] + y-suffix | 217 | 1035 | 0.000180 | 0.000032 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1474 | okar variants | o[lr][yo] | 493 | 583 | 0.000180 | -0.000010 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1475 | ai4[lr] | [yo][fptk]e4od | 782 | 355 | 0.000180 | -0.000003 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1476 | [fp]c-Initial | ol[yoa] | 387 | 614 | 0.000180 | 0.000023 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1477 | otol variants | oi | 239 | 304 | 0.000180 | 0.000132 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1478 | oa | c[fptk]e4y | 321 | 310 | 0.000180 | 0.000114 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1479 | l[fptk] Prefixes | o[lr][oa] | 514 | 735 | 0.000180 | -0.000070 | 7 | 2 | 5 | 0.000128 | 0.77778 |
| 1480 | ai4[dlrsmg \| n] | c[fptk]e4o-initial & c[fptk]e4y Superclass | 1519 | 1659 | 0.000976 | -0.000687 | 38 | 11 | 27 | 0.000694 | 0.77551 |
| 1481 | [dlrsmg \| fptk] + ai4[dlrsmg] | ai4[dlrsmg] | 1444 | 930 | 0.002466 | 0.001580 | 96 | 28 | 68 | 0.001747 | 0.77419 |
| 1482 | oe0-4s | ai4r | 632 | 483 | 0.000617 | 0.000415 | 24 | 7 | 17 | 0.000437 | 0.77419 |
| 1483 | cse4o | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 205 | 2060 | 0.000617 | 0.000338 | 24 | 7 | 17 | 0.000437 | 0.77419 |
| 1484 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | [dlrsmg]e0-4y | 1227 | 453 | 0.000617 | 0.000250 | 24 | 7 | 17 | 0.000437 | 0.77419 |
| 1485 | [sr]c-Initial | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 179 | 3168 | 0.000617 | 0.000242 | 24 | 7 | 17 | 0.000437 | 0.77419 |
| 1486 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | cse4dy | 3168 | 585 | 0.001670 | 0.000447 | 65 | 19 | 46 | 0.001182 | 0.77381 |
| 1487 | so | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 378 | 2060 | 0.001053 | 0.000539 | 41 | 12 | 29 | 0.000745 | 0.77358 |
| 1488 | [dlrsmg] + ai4[lr] + y-suffix | ai4[lr] | 1035 | 782 | 0.001490 | 0.000956 | 58 | 17 | 41 | 0.001053 | 0.77333 |
| 1489 | o[fptk]c + e0-4y | do | 753 | 383 | 0.000437 | 0.000246 | 17 | 5 | 12 | 0.000308 | 0.77273 |
| 1490 | olcey relatives (non-edy) | o[tk]e0-4y | 138 | 2042 | 0.000437 | 0.000251 | 17 | 5 | 12 | 0.000308 | 0.77273 |
| 1491 | o[fptk]c + e0-4ol | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 159 | 1227 | 0.000437 | 0.000308 | 17 | 5 | 12 | 0.000308 | 0.77273 |
| 1492 | c[fptk]e4y | o[tk]e0-4y | 310 | 2042 | 0.000437 | 0.000019 | 17 | 5 | 12 | 0.000308 | 0.77273 |
| 1493 | ai4[dlrsmg \| n] | [yo][fptk]e4od | 1519 | 355 | 0.000437 | 0.000081 | 17 | 5 | 12 | 0.000308 | 0.77273 |
| 1494 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | ai4[dlrsmg \| n] | 158 | 1519 | 0.000437 | 0.000278 | 17 | 5 | 12 | 0.000308 | 0.77273 |
| 1495 | ai4r | [yo]dy endings | 483 | 1228 | 0.000437 | 0.000045 | 17 | 5 | 12 | 0.000308 | 0.77273 |
| 1496 | [dlrsmg \| fptk] + ai4n | ai4r | 1724 | 483 | 0.000437 | -0.000113 | 17 | 5 | 12 | 0.000308 | 0.77273 |
| 1497 | ai4[dlrsmg \| n] | od[ao]i0-4n | 1519 | 410 | 0.000437 | 0.000026 | 17 | 5 | 12 | 0.000308 | 0.77273 |
| 1498 | ai4[dlrsmg \| n] | odai0-4n | 1519 | 408 | 0.000437 | 0.000028 | 17 | 5 | 12 | 0.000308 | 0.77273 |
| 1499 | [dlrsmg \| fptk] + ai4[dlrsmg] | c[s \| fptk]e4dy | 1444 | 622 | 0.001130 | 0.000538 | 44 | 13 | 31 | 0.000796 | 0.77193 |
| 1500 | [dlrsmg]ai4[lr] | ai4[dlrsmg] | 875 | 930 | 0.001387 | 0.000850 | 54 | 16 | 38 | 0.000976 | 0.77143 |
| 1501 | ai4[dlrsmg \| n] | o[fptk]e4dy | 1519 | 1444 | 0.000694 | -0.000754 | 27 | 8 | 19 | 0.000488 | 0.77143 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1502 | [tk]c-Initial | [dlrsmg \| fptk] + ai4n | 667 | 1724 | 0.000951 | 0.000192 | 37 | 11 | 26 | 0.000668 | 0.77083 |
| 1503 | [dlrsmg \| fptk] + ai4[dlrsmg] | ai4[lr] | 1444 | 782 | 0.001978 | 0.001233 | 77 | 23 | 54 | 0.001387 | 0.77000 |
| 1504 | lk-initial | o[fptk]ai4n | 454 | 1598 | 0.000771 | 0.000292 | 30 | 9 | 21 | 0.000540 | 0.76923 |
| 1505 | ai4[dlrsmg] | c[fptk]e4o-initial & c[fptk]e4y Superclass | 930 | 1659 | 0.000514 | -0.000505 | 20 | 6 | 14 | 0.000360 | 0.76923 |
| 1506 | so | c[s \| fptk]e4y | 378 | 887 | 0.000514 | 0.000293 | 20 | 6 | 14 | 0.000360 | 0.76923 |
| 1507 | [yo]te4o[dlrsmg] | ai4n | 341 | 589 | 0.000514 | 0.000381 | 20 | 6 | 14 | 0.000360 | 0.76923 |
| 1508 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | ceal verbs | 2246 | 230 | 0.000514 | 0.000173 | 20 | 6 | 14 | 0.000360 | 0.76923 |
| 1509 | [yo][fptk]e4o | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 88 | 3168 | 0.000514 | 0.000330 | 20 | 6 | 14 | 0.000360 | 0.76923 |
| 1510 | lc-initial | [dlrsmg \| fptk] + ai4[dlrsmg] | 457 | 1444 | 0.000514 | 0.000078 | 20 | 6 | 14 | 0.000360 | 0.76923 |
| 1511 | ai4[dlrsmg \| n] | oy + oe4y | 1519 | 207 | 0.000257 | 0.000049 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1512 | [yo][fp]ai0-4[rn] | ai4[dlrsmg \| n] | 111 | 1519 | 0.000257 | 0.000146 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1513 | a[lr][ao][lr] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 391 | 1227 | 0.000257 | -0.000060 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1514 | lk-initial | [dlrsmg] + ai4[lr] + y-suffix | 454 | 1035 | 0.000257 | -0.000053 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1515 | ol[tk] | ote0-4y | 621 | 731 | 0.000257 | -0.000043 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1516 | otce0-4dy | okce0-4dy | 172 | 188 | 0.000257 | 0.000236 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1517 | [yo][fp]o | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 95 | 3168 | 0.000257 | 0.000058 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1518 | cse4o | kc-initial | 205 | 322 | 0.000257 | 0.000213 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1519 | or[oa] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 340 | 503 | 0.000257 | 0.000144 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1520 | o[fptk]ody | [yo][fptk][ao][lr] | 85 | 2688 | 0.000257 | 0.000106 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1521 | [fptk]ai4[dlrsmg \| n] | ceckey relatives | 411 | 377 | 0.000257 | 0.000155 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1522 | [fptk]ai4[dlrsmg \| n] | dai4n | 411 | 1140 | 0.000257 | -0.000052 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1523 | olcey relatives (non -edy) | oke0-4y | 138 | 1314 | 0.000257 | 0.000137 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1524 | [yo]e0-4[fp]e0-4[yo] | c + c[s \| fptk]e4y | 149 | 1624 | 0.000257 | 0.000097 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1525 | o[fptk]e4dy | otol variants | 1444 | 239 | 0.000257 | 0.000029 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1526 | c[s \| fptk]e4dy | opc + e0-4 + y \| dy \| o[dlrs]y | 622 | 302 | 0.000257 | 0.000133 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1527 | o[fptk]ai4n | ai0-4[dlrsmg][dlrsmg] | 1598 | 214 | 0.000257 | 0.000031 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1528 | o[lr]a | [yo][fptk]e4o[lr] | 469 | 449 | 0.000257 | 0.000118 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1529 | [yo]pa | ai4[dlrsmg] | 141 | 930 | 0.000257 | 0.000170 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1530 | ek[yoa] | otc + e0-4 + y \| dy \| o[dlrs]y | 446 | 493 | 0.000257 | 0.000112 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1531 | [dlrsmg]ai4m | dc-initial | 149 | 454 | 0.000257 | 0.000212 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1532 | oe | o[fptk]c + e0-4y | 463 | 753 | 0.000257 | 0.000027 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1533 | tc-initial | ote0-4y | 345 | 731 | 0.000257 | 0.000090 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1534 | c \| c[s \| fptk] + e4dy | opce0-4dy | 1395 | 159 | 0.000257 | 0.000111 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1535 | c[s \| fptk]e4y | opc + e0-4 + y \| dy \| o[dlrs]y | 887 | 302 | 0.000257 | 0.000080 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1536 | [yo]dy endings | otod variants | 1228 | 88 | 0.000257 | 0.000186 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1537 | od[ao]i0-4[lrm \| n] | ceal variants | 813 | 269 | 0.000257 | 0.000113 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1538 | [yo]d[ao]i0-4r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 228 | 503 | 0.000257 | 0.000181 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1539 | cean variants | ed[yoa] | 255 | 5851 | 0.000257 | -0.000728 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1540 | [dlrsmg \| fptk] + ai4n | oa | 1724 | 321 | 0.000257 | -0.000108 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1541 | a-axis of [yo][fptk][ao][lr] | yodai0-4r | 1731 | 205 | 0.000257 | 0.000023 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1542 | pc-initial | [q \| fptk \| dlrsmg] + oi0-4[lr] | 307 | 1819 | 0.000257 | -0.000112 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1543 | cedaiin variants | [yo]d[ao]i0-4[lrm \| n] | 189 | 880 | 0.000257 | 0.000147 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1544 | okai0-4n | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 994 | 503 | 0.000257 | -0.000073 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1545 | cedaiin variants | oda | 189 | 847 | 0.000257 | 0.000151 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1546 | cedaiin variants | yodai0-4[lrm \| n] | 189 | 832 | 0.000257 | 0.000153 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1547 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 2246 | 186 | 0.000257 | -0.000019 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1548 | pc-initial | ai4[dlrsmg \| n] | 307 | 1519 | 0.000257 | -0.000051 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1549 | ai4l | [ao][lr][ao][lr] Pipe/Flow | 306 | 843 | 0.000257 | 0.000087 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1550 | okce0-4y | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 338 | 809 | 0.000257 | 0.000076 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1551 | [yo][fptk]e4ol | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 322 | 503 | 0.000257 | 0.000150 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1552 | cear variants | ek[yoa] | 365 | 446 | 0.000257 | 0.000149 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1553 | c[fptk]e4o-initial & c[fptk]e4y Superclass | ek[yo] | 1659 | 255 | 0.000257 | -0.000022 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1554 | [dlrsmg \| fptk]e0-4y | [dlrsmg] + c \| c[s \| fptk] + e4dy | 735 | 327 | 0.000257 | 0.000098 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1555 | eda | ora | 784 | 241 | 0.000257 | 0.000132 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1556 | [tk]e4dy | o[fptk]c + e0-4dy | 309 | 554 | 0.000257 | 0.000144 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1557 | [tk]e4dy | [dlrsmg] + ai4[lr] + y-suffix | 309 | 1035 | 0.000257 | 0.000046 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1558 | [yo][fp]a | ai4[lr] | 200 | 782 | 0.000257 | 0.000154 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1559 | [yo][fp]a | [dlrsmg \| fptk] + ai4[dlrsmg] | 200 | 1444 | 0.000257 | 0.000066 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1560 | olcey relative | okal variants | 277 | 544 | 0.000257 | 0.000157 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1561 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | okar variants | 519 | 493 | 0.000257 | 0.000088 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1562 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | otol variants | 733 | 239 | 0.000257 | 0.000141 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1563 | otal variants | oi4[dlrsmg \| n] | 333 | 1124 | 0.000257 | 0.000010 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1564 | cedai4[lrsm \| n] | cse4y | 527 | 578 | 0.000257 | 0.000056 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1565 | kc-initial | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 322 | 809 | 0.000257 | 0.000085 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1566 | oke0-4y | [dlrsmg] + ai4r | 1314 | 190 | 0.000257 | 0.000092 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1567 | ce4a | om | 1009 | 203 | 0.000257 | 0.000122 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1568 | [yo]kai0-4n | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 1067 | 503 | 0.000257 | -0.000097 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1569 | od[ao]i0-4r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 215 | 503 | 0.000257 | 0.000186 | 10 | 3 | 7 | 0.000180 | 0.76923 |
| 1570 | o[tk]e0-4y | l[fptk] Prefixes | 2042 | 514 | 0.001619 | 0.000926 | 63 | 19 | 44 | 0.001130 | 0.76829 |
| 1571 | ai4[lr] | edy | 782 | 4981 | 0.001439 | -0.001132 | 56 | 17 | 39 | 0.001002 | 0.76712 |
| 1572 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | c[s \| fptk]e4dy | 3168 | 622 | 0.001773 | 0.000472 | 69 | 21 | 48 | 0.001233 | 0.76667 |
| 1573 | ceal variants | c + e4dy | 269 | 3053 | 0.000591 | 0.000049 | 23 | 7 | 16 | 0.000411 | 0.76667 |
| 1574 | ol[yo] | y[fptk]-initial | 388 | 1295 | 0.000591 | 0.000259 | 23 | 7 | 16 | 0.000411 | 0.76667 |
| 1575 | [dlrsmg \| fptk] + ai4n | cse4dy | 1724 | 585 | 0.000591 | -0.000075 | 23 | 7 | 16 | 0.000411 | 0.76667 |
| 1576 | oke0-4y | l[fptk] Prefixes | 1314 | 514 | 0.001259 | 0.000813 | 49 | 15 | 34 | 0.000873 | 0.76563 |
| 1577 | o[lr][yo] | y-initial | 583 | 1926 | 0.001259 | 0.000518 | 49 | 15 | 34 | 0.000873 | 0.76563 |
| 1578 | c + c[s \| fptk]e4y | [fptk]ai4[lr] | 1624 | 190 | 0.000668 | 0.000464 | 26 | 8 | 18 | 0.000462 | 0.76471 |
| 1579 | lc-initial | a-axis of [yo][fptk][ao][lr] | 457 | 1731 | 0.000668 | 0.000146 | 26 | 8 | 18 | 0.000462 | 0.76471 |
| 1580 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | oc[s \| fptk]e4y | 445 | 319 | 0.000334 | 0.000240 | 13 | 4 | 9 | 0.000231 | 0.76471 |
| 1581 | o[fptk]c + e0-4or | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 135 | 733 | 0.000334 | 0.000269 | 13 | 4 | 9 | 0.000231 | 0.76471 |
| 1582 | [yo]c[fptk]e4y | ol[dtk] | 294 | 842 | 0.000334 | 0.000171 | 13 | 4 | 9 | 0.000231 | 0.76471 |
| 1583 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | [fptk]e0-4y | 1421 | 161 | 0.000334 | 0.000183 | 13 | 4 | 9 | 0.000231 | 0.76471 |
| 1584 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | cse0-4s | 3168 | 102 | 0.000334 | 0.000121 | 13 | 4 | 9 | 0.000231 | 0.76471 |
| 1585 | odai0-4[lr] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 326 | 503 | 0.000334 | 0.000226 | 13 | 4 | 9 | 0.000231 | 0.76471 |
| 1586 | c \| c[fptk] + e4o | ai4[dlrsmg \| n] | 228 | 1519 | 0.000334 | 0.000105 | 13 | 4 | 9 | 0.000231 | 0.76471 |
| 1587 | oc[s \| fptk]e4y | o-axis of [yo][fptk][ao][lr] | 319 | 764 | 0.000334 | 0.000173 | 13 | 4 | 9 | 0.000231 | 0.76471 |
| 1588 | o[fptk]ai4n | et[yo] | 1598 | 115 | 0.000334 | 0.000213 | 13 | 4 | 9 | 0.000231 | 0.76471 |
| 1589 | [yo]dy endings | ocke4y | 1228 | 162 | 0.000334 | 0.000203 | 13 | 4 | 9 | 0.000231 | 0.76471 |
| 1590 | oc[fptk]e4y | ol[dtk] | 289 | 842 | 0.000334 | 0.000173 | 13 | 4 | 9 | 0.000231 | 0.76471 |
| 1591 | oy | edy | 141 | 4981 | 0.000334 | -0.000130 | 13 | 4 | 9 | 0.000231 | 0.76471 |
| 1592 | yodai0-4[lr] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 348 | 503 | 0.000334 | 0.000218 | 13 | 4 | 9 | 0.000231 | 0.76471 |
| 1593 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | ke4o | 503 | 137 | 0.000334 | 0.000289 | 13 | 4 | 9 | 0.000231 | 0.76471 |
| 1594 | ce4y | ke4dy | 737 | 217 | 0.000334 | 0.000228 | 13 | 4 | 9 | 0.000231 | 0.76471 |
| 1595 | ce4y | tc-initial | 737 | 345 | 0.000334 | 0.000166 | 13 | 4 | 9 | 0.000231 | 0.76471 |
| 1596 | [dlrsmg]ai4[lr] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 875 | 445 | 0.000334 | 0.000077 | 13 | 4 | 9 | 0.000231 | 0.76471 |
| 1597 | c[fptk]e4y | oke0-4y | 310 | 1314 | 0.000334 | 0.000065 | 13 | 4 | 9 | 0.000231 | 0.76471 |
| 1598 | [yo][fptk]e4ol | [q \| fptk \| dlrsmg] + oi0-4[lr] | 322 | 1819 | 0.000334 | -0.000053 | 13 | 4 | 9 | 0.000231 | 0.76471 |
| 1599 | o[lr][yo] | otc + e0-4 + y \| dy \| o[dlrs]y | 583 | 493 | 0.000334 | 0.000144 | 13 | 4 | 9 | 0.000231 | 0.76471 |
| 1600 | cean variants | y[fptk]-initial | 255 | 1295 | 0.000334 | 0.000116 | 13 | 4 | 9 | 0.000231 | 0.76471 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1601 | [yo][fp]a | ai4[dlrsmg] | 200 | 930 | 0.000334 | 0.000211 | 13 | 4 | 9 | 0.000231 | 0.76471 |
| 1602 | ai4l | ed[yoa] | 306 | 5851 | 0.001233 | 0.000051 | 48 | 15 | 33 | 0.000848 | 0.76190 |
| 1603 | o[fptk]e4dy | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 1444 | 809 | 0.000822 | 0.000051 | 32 | 10 | 22 | 0.000565 | 0.76190 |
| 1604 | ol[yo] | y-initial | 388 | 1926 | 0.000822 | 0.000329 | 32 | 10 | 22 | 0.000565 | 0.76190 |
| 1605 | c + c[s \| fptk]e4y | oce4y + infixed versions | 1624 | 379 | 0.000411 | 0.000005 | 16 | 5 | 11 | 0.000283 | 0.76190 |
| 1606 | od[ao]i0-4[lrm \| n] | cse4o | 813 | 205 | 0.000411 | 0.000301 | 16 | 5 | 11 | 0.000283 | 0.76190 |
| 1607 | ai4[lr] | c \| c[s \| fptk] + e4dy | 782 | 1395 | 0.000411 | -0.000309 | 16 | 5 | 11 | 0.000283 | 0.76190 |
| 1608 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | cte4y | 1227 | 186 | 0.000411 | 0.000260 | 16 | 5 | 11 | 0.000283 | 0.76190 |
| 1609 | [tk]c-Initial | ol[tk] | 667 | 621 | 0.000411 | 0.000138 | 16 | 5 | 11 | 0.000283 | 0.76190 |
| 1610 | ai4[dlrsmg] | ote0-4y | 930 | 731 | 0.000411 | -0.000038 | 16 | 5 | 11 | 0.000283 | 0.76190 |
| 1611 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | ola | 3168 | 228 | 0.000411 | -0.000066 | 16 | 5 | 11 | 0.000283 | 0.76190 |
| 1612 | cedar variants | c \| c[s \| fptk] + e4dy | 176 | 1395 | 0.000411 | 0.000249 | 16 | 5 | 11 | 0.000283 | 0.76190 |
| 1613 | [fptk] + c \| c[s \| fptk] + e4dy | a-axis of [yo][fptk][ao][lr] | 196 | 1731 | 0.000411 | 0.000187 | 16 | 5 | 11 | 0.000283 | 0.76190 |
| 1614 | [yo][fptk]e4o[lr] | [q \| fptk \| dlrsmg] + oi0-4[lr] | 449 | 1819 | 0.000411 | -0.000128 | 16 | 5 | 11 | 0.000283 | 0.76190 |
| 1615 | ea | cteo-initial | 1195 | 220 | 0.000411 | 0.000238 | 16 | 5 | 11 | 0.000283 | 0.76190 |
| 1616 | cectey relatives | o[fptk]e4dy | 197 | 1444 | 0.000411 | 0.000223 | 16 | 5 | 11 | 0.000283 | 0.76190 |
| 1617 | oke4dy | [yo]kai0-4n | 933 | 1067 | 0.000976 | 0.000319 | 38 | 12 | 26 | 0.000668 | 0.76000 |
| 1618 | okal variants | ce4dy | 544 | 755 | 0.000976 | 0.000705 | 38 | 12 | 26 | 0.000668 | 0.76000 |
| 1619 | [yo]ke4o[dlrsmg] | o[fptk]ai4n | 584 | 1598 | 0.000488 | -0.000128 | 19 | 6 | 13 | 0.000334 | 0.76000 |
| 1620 | [fp]c-Initial | o[tk]e0-4y | 387 | 2042 | 0.000488 | -0.000033 | 19 | 6 | 13 | 0.000334 | 0.76000 |
| 1621 | [dlrsmg \| fptk] + ai4n | c \| cs + e0-4[dlrsmg] | 1724 | 281 | 0.000488 | 0.000168 | 19 | 6 | 13 | 0.000334 | 0.76000 |
| 1622 | cse4dy | oke0-4y | 585 | 1314 | 0.001053 | 0.000546 | 41 | 13 | 28 | 0.000719 | 0.75926 |
| 1623 | oi4[dlrsmg \| n] | ai4n | 1124 | 589 | 0.002261 | 0.001824 | 88 | 28 | 60 | 0.001541 | 0.75862 |
| 1624 | l[fptk] Prefixes | [yo]kai0-4n | 514 | 1067 | 0.000565 | 0.000203 | 22 | 7 | 15 | 0.000385 | 0.75862 |
| 1625 | oa | ai4[lr] | 321 | 782 | 0.000565 | 0.000400 | 22 | 7 | 15 | 0.000385 | 0.75862 |
| 1626 | [yo][fptk]e4o[dlrsmg] | [dlrsmg] + ai4[lr] + y-suffix | 924 | 1035 | 0.000565 | -0.000066 | 22 | 7 | 15 | 0.000385 | 0.75862 |
| 1627 | okar variants | ai4r | 493 | 483 | 0.000565 | 0.000408 | 22 | 7 | 15 | 0.000385 | 0.75862 |
| 1628 | [dlrsmg] + ai4[lr] + y-suffix | ai4[dlrsmg] | 1035 | 930 | 0.001773 | 0.001137 | 69 | 22 | 47 | 0.001207 | 0.75824 |
| 1629 | okc + e0-4 + y \| dy \| o[dlrs]y | [yo][fptk][ao][lr] | 563 | 2688 | 0.001285 | 0.000286 | 50 | 16 | 34 | 0.000873 | 0.75758 |
| 1630 | [dlrsmg \| fptk] + ai4n | c[s \| fptk]e4dy | 1724 | 622 | 0.000642 | -0.000065 | 25 | 8 | 17 | 0.000437 | 0.75758 |
| 1631 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | [tk]e4dy | 2060 | 309 | 0.000642 | 0.000222 | 25 | 8 | 17 | 0.000437 | 0.75758 |
| 1632 | o[fptk]e4dy | o-axis of [yo][fptk][ao][lr] | 1444 | 764 | 0.000642 | -0.000086 | 25 | 8 | 17 | 0.000437 | 0.75758 |
| 1633 | o[fptk]ai4n | otar variants | 1598 | 345 | 0.000796 | 0.000433 | 31 | 10 | 21 | 0.000540 | 0.75610 |
| 1634 | lk-initial | c \| c[s \| fptk] + e4dy | 454 | 1395 | 0.000796 | 0.000378 | 31 | 10 | 21 | 0.000540 | 0.75610 |
| 1635 | c[s \| fptk]e4dy | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 622 | 1421 | 0.000873 | 0.000290 | 34 | 11 | 23 | 0.000591 | 0.75556 |
| 1636 | okar variants | ai4[dlrsmg] | 493 | 930 | 0.000951 | 0.000648 | 37 | 12 | 25 | 0.000642 | 0.75510 |
| 1637 | c[s \| fptk]e4dy | oke0-4y | 622 | 1314 | 0.001105 | 0.000565 | 43 | 14 | 29 | 0.000745 | 0.75439 |
| 1638 | oke0-4y | lk-initial | 1314 | 454 | 0.001182 | 0.000788 | 46 | 15 | 31 | 0.000796 | 0.75410 |
| 1639 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | ai4n | 3168 | 589 | 0.001490 | 0.000258 | 58 | 19 | 39 | 0.001002 | 0.75325 |
| 1640 | oi4[dlrsmg \| n] | c + e4dy | 1124 | 3053 | 0.002800 | 0.000535 | 109 | 36 | 73 | 0.001875 | 0.75172 |
| 1641 | o[tk]e0-4y | lk-initial | 2042 | 454 | 0.001464 | 0.000852 | 57 | 19 | 38 | 0.000976 | 0.75000 |
| 1642 | ai4[dlrsmg] | ai4l | 930 | 306 | 0.001002 | 0.000814 | 39 | 13 | 26 | 0.000668 | 0.75000 |
| 1643 | l[fptk] Prefixes | c \| c[s \| fptk] + e4dy | 514 | 1395 | 0.000848 | 0.000375 | 33 | 11 | 22 | 0.000565 | 0.75000 |
| 1644 | ce4y | [dlrsmg \| fptk]e0-4y | 737 | 735 | 0.000771 | 0.000413 | 30 | 10 | 20 | 0.000514 | 0.75000 |
| 1645 | c \| cs + e0-4s | ai4[dlrsmg \| n] | 188 | 1519 | 0.000694 | 0.000505 | 27 | 9 | 18 | 0.000462 | 0.75000 |
| 1646 | c \| c[s \| fptk] + e4dy | okc + e0-4 + y \| dy \| o[dlrs]y | 1395 | 563 | 0.000694 | 0.000175 | 27 | 9 | 18 | 0.000462 | 0.75000 |
| 1647 | [yo]c[fptk]e4y | o[tk]e0-4y | 294 | 2042 | 0.000540 | 0.000143 | 21 | 7 | 14 | 0.000360 | 0.75000 |
| 1648 | oc[fptk]e4y | o[tk]e0-4y | 289 | 2042 | 0.000540 | 0.000150 | 21 | 7 | 14 | 0.000360 | 0.75000 |
| 1649 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | [yo]te4o[dlrsmg] | 2060 | 341 | 0.000540 | 0.000076 | 21 | 7 | 14 | 0.000360 | 0.75000 |
| 1650 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | ke4dy | 2060 | 217 | 0.000540 | 0.000244 | 21 | 7 | 14 | 0.000360 | 0.75000 |
| 1651 | [yo][fptk]e4o[dlrsmg] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 924 | 503 | 0.000540 | 0.000233 | 21 | 7 | 14 | 0.000360 | 0.75000 |
| 1652 | otar variants | c \| c[s \| fptk] + e4dy | 345 | 1395 | 0.000540 | 0.000222 | 21 | 7 | 14 | 0.000360 | 0.75000 |
| 1653 | lk-initial | [yo]kai0-4n | 454 | 1067 | 0.000540 | 0.000220 | 21 | 7 | 14 | 0.000360 | 0.75000 |
| 1654 | do | oi4[dlrsmg \| n] | 383 | 1124 | 0.000462 | 0.000178 | 18 | 6 | 12 | 0.000308 | 0.75000 |
| 1655 | so | oi4[dlrsmg \| n] | 378 | 1124 | 0.000462 | 0.000182 | 18 | 6 | 12 | 0.000308 | 0.75000 |
| 1656 | ai4[dlrsmg] | c \| c[s \| fptk] + e4dy | 930 | 1395 | 0.000462 | -0.000394 | 18 | 6 | 12 | 0.000308 | 0.75000 |
| 1657 | otc + e0-4 + y \| dy \| o[dlrs]y | ote0-4y | 493 | 731 | 0.000462 | 0.000225 | 18 | 6 | 12 | 0.000308 | 0.75000 |
| 1658 | ek[yoa] | o-axis of [yo][fptk][ao][lr] | 446 | 764 | 0.000462 | 0.000238 | 18 | 6 | 12 | 0.000308 | 0.75000 |
| 1659 | ed[yoa] | [yo]po | 5851 | 70 | 0.000462 | 0.000192 | 18 | 6 | 12 | 0.000308 | 0.75000 |
| 1660 | [q \| fptk \| dlrsmg] + oi0-4[lr] | ce4ai4n | 1819 | 271 | 0.000462 | 0.000137 | 18 | 6 | 12 | 0.000308 | 0.75000 |
| 1661 | [q \| fptk \| dlrsmg] + oi0-4[lr] | or[yo] | 1819 | 200 | 0.000385 | 0.000145 | 15 | 5 | 10 | 0.000257 | 0.75000 |
| 1662 | tc-initial | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 345 | 733 | 0.000385 | 0.000218 | 15 | 5 | 10 | 0.000257 | 0.75000 |
| 1663 | ocke4y | o[tk]e0-4y | 162 | 2042 | 0.000385 | 0.000167 | 15 | 5 | 10 | 0.000257 | 0.75000 |
| 1664 | o[lr][oa] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 735 | 503 | 0.000385 | 0.000141 | 15 | 5 | 10 | 0.000257 | 0.75000 |
| 1665 | edy | [yo]po | 4981 | 70 | 0.000385 | 0.000155 | 15 | 5 | 10 | 0.000257 | 0.75000 |
| 1666 | [yo]c[fptk]e4y | oke0-4y | 294 | 1314 | 0.000385 | 0.000130 | 15 | 5 | 10 | 0.000257 | 0.75000 |
| 1667 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 230 | 3168 | 0.000385 | -0.000096 | 15 | 5 | 10 | 0.000257 | 0.75000 |
| 1668 | pc-initial | o[tk]e0-4y | 307 | 2042 | 0.000385 | -0.000028 | 15 | 5 | 10 | 0.000257 | 0.75000 |
| 1669 | oc[fptk]e4y | oke0-4y | 289 | 1314 | 0.000385 | 0.000135 | 15 | 5 | 10 | 0.000257 | 0.75000 |
| 1670 | [yo]c + e4o Superclass | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 345 | 733 | 0.000385 | 0.000218 | 15 | 5 | 10 | 0.000257 | 0.75000 |
| 1671 | [yo]c + e4o Superclass | [yo][fptk]e4o[dlrsmg] | 345 | 924 | 0.000385 | 0.000175 | 15 | 5 | 10 | 0.000257 | 0.75000 |
| 1672 | otc + e0-4 + y \| dy \| o[dlrs]y | okce0-4y | 493 | 338 | 0.000385 | 0.000275 | 15 | 5 | 10 | 0.000257 | 0.75000 |
| 1673 | [tk]c-Initial | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 667 | 809 | 0.000385 | 0.000029 | 15 | 5 | 10 | 0.000257 | 0.75000 |
| 1674 | [dlrsmg]ai4[lr] | a[lr][ao][lr] | 875 | 391 | 0.000385 | 0.000160 | 15 | 5 | 10 | 0.000257 | 0.75000 |
| 1675 | o[fptk]e4dy | do | 1444 | 383 | 0.000385 | 0.000020 | 15 | 5 | 10 | 0.000257 | 0.75000 |
| 1676 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | ea | 519 | 1195 | 0.000385 | -0.000024 | 15 | 5 | 10 | 0.000257 | 0.75000 |
| 1677 | oly | y[fptk]-initial | 222 | 1295 | 0.000385 | 0.000196 | 15 | 5 | 10 | 0.000257 | 0.75000 |
| 1678 | otal variants | [q \| fptk \| dlrsmg] + oi0-4[lr] | 333 | 1819 | 0.000385 | -0.000014 | 15 | 5 | 10 | 0.000257 | 0.75000 |
| 1679 | ce4a | cteo-initial | 1009 | 220 | 0.000385 | 0.000239 | 15 | 5 | 10 | 0.000257 | 0.75000 |
| 1680 | lc-initial | [dlrsmg] + ai4[lr] + y-suffix | 457 | 1035 | 0.000385 | 0.000073 | 15 | 5 | 10 | 0.000257 | 0.75000 |
| 1681 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | oc[fptk]e4y | 445 | 289 | 0.000308 | 0.000223 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1682 | sai4n | c \| c[s \| fptk] + e4dy | 258 | 1395 | 0.000308 | 0.000071 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1683 | c[fptk]c polygraph | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 99 | 3168 | 0.000308 | 0.000101 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1684 | o[fptk]c + e0-4dy | okal variants | 554 | 544 | 0.000308 | 0.000109 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1685 | cedai4[lrsm \| n] | c[s \| fptk]e4y | 527 | 887 | 0.000308 | 0.000000 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1686 | ai4[dlrsmg] | a[lr][fptk] | 930 | 83 | 0.000308 | 0.000257 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1687 | eda | ceckey relatives | 784 | 377 | 0.000308 | 0.000113 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1688 | ai4[dlrsmg \| n] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 1519 | 519 | 0.000308 | -0.000212 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1689 | ai4[dlrsmg \| n] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 1519 | 445 | 0.000308 | -0.000138 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1690 | [fp]c-Initial | o[fptk]e4dy | 387 | 1444 | 0.000308 | -0.000061 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1691 | l[fptk] Prefixes | ote4dy | 514 | 509 | 0.000308 | 0.000136 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1692 | oda | [yo][fp][yoa] | 847 | 339 | 0.000308 | 0.000119 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1693 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | [fptk]ai4[lr] | 1227 | 190 | 0.000308 | 0.000154 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1694 | cte4[yo] | [q \| fptk \| dlrsmg] + oi0-4[lr] | 406 | 1819 | 0.000308 | -0.000179 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1695 | ce4dy | okc + e0-4 + y \| dy \| o[dlrs]y | 755 | 563 | 0.000308 | 0.000028 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1696 | ai4r | c[fptk]e4o-initial & c[fptk]e4y Superclass | 483 | 1659 | 0.000308 | -0.000221 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1697 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | [tk]e4o | 503 | 206 | 0.000308 | 0.000240 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1698 | ote0-4y | lk-initial | 731 | 454 | 0.000308 | 0.000089 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1699 | [yo]ke4o[lr] | [q \| fptk \| dlrsmg] + oi0-4[lr] | 319 | 1819 | 0.000308 | -0.000075 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1700 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y | o-axis of [yo][fptk][ao][lr] | 623 | 764 | 0.000308 | -0.000006 | 12 | 4 | 8 | 0.000206 | 0.75000 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Superset | | | | | | | | | | |
| 1701 | ce0-4s | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 165 | 2060 | 0.000308 | 0.000084 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1702 | ol[dtk] | dc-initial | 842 | 454 | 0.000308 | 0.000056 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1703 | or[oa] | [dlrsmg \| fptk] + ai4n | 340 | 1724 | 0.000308 | -0.000079 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1704 | o[fptk]ai4n | ykai0-4n | 1598 | 73 | 0.000308 | 0.000231 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1705 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | ai4[lr] | 230 | 782 | 0.000308 | 0.000190 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1706 | cedal variants | o[fptk]e4dy | 127 | 1444 | 0.000308 | 0.000187 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1707 | [yo]c[fptk]e4y | o-axis of [yo][fptk][ao][lr] | 294 | 764 | 0.000308 | 0.000160 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1708 | [yo]pa | ai4[dlrsmg \| n] | 141 | 1519 | 0.000308 | 0.000167 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1709 | [yo]d[ao]i0-4[lrm \| n] | [yo][fp][yoa] | 880 | 339 | 0.000308 | 0.000111 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1710 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | a-axis of [yo][fptk][ao][lr] | 186 | 1731 | 0.000308 | 0.000096 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1711 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | oc[s \| fptk]e4y | 2060 | 319 | 0.000308 | -0.000125 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1712 | oc[fptk]e4y | o-axis of [yo][fptk][ao][lr] | 289 | 764 | 0.000308 | 0.000163 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1713 | c \| c[s \| fptk] + e4dy | olcey relative | 1395 | 277 | 0.000308 | 0.000053 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1714 | oe | okai0-4n | 463 | 994 | 0.000308 | 0.000005 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1715 | cectey relatives | ote0-4y | 197 | 731 | 0.000308 | 0.000213 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1716 | [yo]ke4o[dlrsmg] | [yo]kai0-4n | 584 | 1067 | 0.000308 | -0.000103 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1717 | [yo]ke4o[dlrsmg] | okai0-4n | 584 | 994 | 0.000308 | -0.000075 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1718 | ola | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 228 | 2060 | 0.000308 | -0.000002 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1719 | okce0-4dy | o[fptk]ai4n | 188 | 1598 | 0.000308 | 0.000110 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1720 | et[yo] | o[tk]e0-4y | 115 | 2042 | 0.000308 | 0.000153 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1721 | c[s \| fptk]e4y | ol[yo] | 887 | 388 | 0.000308 | 0.000081 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1722 | do | oda | 383 | 847 | 0.000308 | 0.000094 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1723 | do | yodai0-4[lrm \| n] | 383 | 832 | 0.000308 | 0.000098 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1724 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | [yo]c[fptk]e4y | 445 | 294 | 0.000308 | 0.000222 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1725 | o[fptk]c + e0-4dy | [yo][fp][yoa] | 554 | 339 | 0.000308 | 0.000184 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1726 | oce4y + infixed versions | okal variants | 379 | 544 | 0.000308 | 0.000172 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1727 | ece Noun | [yo][fptk][ao][lr] | 142 | 2688 | 0.000308 | 0.000056 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1728 | ol[yoa] | ol[tk] | 614 | 621 | 0.000308 | 0.000057 | 12 | 4 | 8 | 0.000206 | 0.75000 |
| 1729 | ol[yoa] | o[fptk]c + e0-4y | 614 | 753 | 0.000231 | -0.000074 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1730 | ol[yoa] | otc + e0-4 + y \| dy \| o[dlrs]y | 614 | 493 | 0.000231 | 0.000031 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1731 | a-axis of [yo][fptk][ao][lr] | odai0-4r | 1731 | 193 | 0.000231 | 0.000011 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1732 | ea | cectey relatives | 1195 | 197 | 0.000231 | 0.000076 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1733 | ea | o[fptk]c + e0-4or | 1195 | 135 | 0.000231 | 0.000125 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1734 | tc-initial | ol[tk] | 345 | 621 | 0.000231 | 0.000090 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1735 | yodai0-4[lrm \| n] | cte4y | 832 | 186 | 0.000231 | 0.000129 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1736 | [dlrsmg] + c \| c[s \| fptk] + e4dy | okal variants | 327 | 544 | 0.000231 | 0.000114 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1737 | dai4n | ai4r | 1140 | 483 | 0.000231 | -0.000132 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1738 | yodai0-4l | c + e4dy | 143 | 3053 | 0.000231 | -0.000057 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1739 | o[fptk] endings | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 79 | 2246 | 0.000231 | 0.000114 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1740 | yodai0-4n | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 448 | 623 | 0.000231 | 0.000047 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1741 | [yo]dy endings | o[fptk]e4os | 1228 | 106 | 0.000231 | 0.000145 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1742 | [dlrsmg] + ai4[lr] + y-suffix | dairol/soral relatives | 1035 | 190 | 0.000231 | 0.000101 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1743 | or[yoa] | ol[yo] | 438 | 388 | 0.000231 | 0.000119 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1744 | or[yoa] | ek[yoa] | 438 | 446 | 0.000231 | 0.000102 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1745 | or[yoa] | cse4y | 438 | 578 | 0.000231 | 0.000064 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1746 | ol[yoa] | [tk]c-Initial | 614 | 667 | 0.000231 | -0.000039 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1747 | oe | okc + e0-4 + y \| dy \| o[dlrs]y | 463 | 563 | 0.000231 | 0.000059 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1748 | tc-initial | olk | 345 | 557 | 0.000231 | 0.000104 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1749 | edy | o[fptk][ao]s | 4981 | 66 | 0.000231 | 0.000014 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1750 | otor variants | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 113 | 2060 | 0.000231 | 0.000078 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1751 | okor variants | c \| c[s \| fptk] + e4dy | 122 | 1395 | 0.000231 | 0.000119 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1752 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | [dlrsmg] + ai4r | 1421 | 190 | 0.000231 | 0.000053 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1753 | om | c + e4dy | 203 | 3053 | 0.000231 | -0.000178 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1754 | edy | opol variants | 4981 | 25 | 0.000231 | 0.000149 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1755 | [yo]ke4o | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 89 | 2060 | 0.000231 | 0.000110 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1756 | oly | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 222 | 809 | 0.000231 | 0.000113 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1757 | [yo][fptk]e4o[dlrsmg] | otai0-4n | 924 | 430 | 0.000231 | -0.000031 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1758 | [yo]ke4o[dlrsmg] | oi4[dlrsmg \| n] | 584 | 1124 | 0.000231 | -0.000202 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1759 | cte4[yo] | otol variants | 406 | 239 | 0.000231 | 0.000167 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1760 | cte4[yo] | ote0-4y | 406 | 731 | 0.000231 | 0.000035 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1761 | l-prefix + [fptk]e0-4y | o[fptk]ai4n | 80 | 1598 | 0.000231 | 0.000147 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1762 | dairol/soral relatives | o[lr][yoa] | 190 | 1044 | 0.000231 | 0.000100 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1763 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | olai0-4n | 3168 | 126 | 0.000231 | -0.000032 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1764 | o[lr]y | okal variants | 318 | 544 | 0.000231 | 0.000117 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1765 | od[ao]i0-4[lr] | oi4[dlrsmg \| n] | 369 | 1124 | 0.000231 | -0.000043 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1766 | c[s \| fptk]e4dy | c[s \| fptk]e4y | 622 | 887 | 0.000231 | -0.000133 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1767 | o[lr][yoa] | otal variants | 1044 | 333 | 0.000231 | 0.000002 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1768 | od endings + odcey relatives | yodai0-4[lrm \| n] | 275 | 832 | 0.000231 | 0.000080 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1769 | od endings + odcey relatives | odai0-4[lrm \| n] | 275 | 767 | 0.000231 | 0.000092 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1770 | or[oa] | cse4y | 340 | 578 | 0.000231 | 0.000102 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1771 | [yo][fptk]e4o[lr] | ocke4y | 449 | 162 | 0.000231 | 0.000183 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1772 | [yo]d[ao]i0-4[lrm \| n] | ceal verbs | 880 | 230 | 0.000231 | 0.000098 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1773 | [yo]ke4ol | [q \| fptk \| dlrsmg] + oi0-4[lr] | 223 | 1819 | 0.000231 | -0.000037 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1774 | [yo]tai0-4n | om + o[fptk \| dlrsmg]am | 490 | 454 | 0.000231 | 0.000084 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1775 | [dlrsmg] + ai4[lr] + y-suffix | or[oa] | 1035 | 340 | 0.000231 | -0.000001 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1776 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | o[fptk \| dlrsmg][ao]m | 2060 | 280 | 0.000231 | -0.000149 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1777 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | o[fptk]eda[lrsm \| n] | 2060 | 184 | 0.000231 | -0.000019 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1778 | [yo][fptk][ao][lr] | g | 2688 | 132 | 0.000231 | -0.000003 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1779 | [yo]dy endings | c[fp]e4y + added c-sequences & cfeo-Initial | 1228 | 84 | 0.000231 | 0.000163 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1780 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | ai4[lr] | 186 | 782 | 0.000231 | 0.000135 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1781 | [yo]d[ao]i0-4[lrm \| n] | cte4y | 880 | 186 | 0.000231 | 0.000123 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1782 | c[s \| fptk]e4y | [yo]te4o[lr] | 887 | 130 | 0.000231 | 0.000155 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1783 | [yo]ke4o[lr] | [yo]te4o[dlrsmg] | 319 | 341 | 0.000231 | 0.000159 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1784 | dc-initial | [yo][fptk]e4o[dlrsmg] | 454 | 924 | 0.000231 | -0.000046 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1785 | okc + e4ol | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 55 | 2246 | 0.000231 | 0.000150 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1786 | pc-initial | ce4a | 307 | 1009 | 0.000231 | 0.000027 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1787 | pc-initial | eda | 307 | 784 | 0.000231 | 0.000072 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1788 | ce4y | ko | 737 | 179 | 0.000231 | 0.000144 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1789 | ke4o | c + e4dy | 137 | 3053 | 0.000231 | -0.000045 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1790 | [tk]c-Initial | l[fptk] Prefixes | 667 | 514 | 0.000231 | 0.000005 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1791 | otc + e0-4 + y \| dy \| o[dlrs]y | [yo][fptk]e4o[dlrsmg] | 493 | 924 | 0.000231 | -0.000069 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1792 | oke0-4y | [sr]c-Initial | 1314 | 179 | 0.000231 | 0.000076 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1793 | cteo-initial | o[lr][yoa] | 220 | 1044 | 0.000231 | 0.000080 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1794 | [tk]e4o | [dlrsmg \| fptk] + ai4n | 206 | 1724 | 0.000231 | -0.000003 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1795 | l[fptk] Prefixes | ai4r | 514 | 483 | 0.000231 | 0.000067 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1796 | oi4[dlrsmg \| n] | cean variants | 1124 | 255 | 0.000231 | 0.000042 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1797 | oi4[dlrsmg \| n] | cean verbs | 1124 | 213 | 0.000231 | 0.000073 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1798 | cke4[yo] | [yo][fptk]e4o[dlrsmg] | 172 | 924 | 0.000231 | 0.000126 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1799 | c[fptk]e4o-initial & c[fptk]e4y Superclass | o[fptk]c + e4ody | 1659 | 75 | 0.000231 | 0.000149 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1800 | y[fptk]-initial | olcey relative | 1295 | 277 | 0.000231 | -0.000006 | 9 | 3 | 6 | 0.000154 | 0.75000 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1801 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | oc[fpt]e4y | 519 | 132 | 0.000231 | 0.000186 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1802 | [yo][fptk]e4ol | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 322 | 733 | 0.000231 | 0.000075 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1803 | ce4dy | ceckey relatives | 755 | 377 | 0.000231 | 0.000043 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1804 | ce4dy | c + c[s \| fptk]e4y | 755 | 1624 | 0.000231 | -0.000578 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1805 | [yo]tai0-4n | cectey relatives | 490 | 197 | 0.000231 | 0.000168 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1806 | okce0-4y | o[fptk]c + e0-4dy | 338 | 554 | 0.000231 | 0.000108 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1807 | [tk]c-Initial | otai0-4n | 667 | 430 | 0.000231 | 0.000042 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1808 | ce4a | ceam verbs | 1009 | 61 | 0.000231 | 0.000191 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1809 | l[drs] Prefixes | y-initial | 95 | 1926 | 0.000231 | 0.000110 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1810 | otar variants | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 345 | 519 | 0.000231 | 0.000113 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1811 | odai0-4[lrm \| n] | ceal variants | 767 | 269 | 0.000231 | 0.000095 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1812 | ce4o | ai4[dlrsmg \| n] | 160 | 1519 | 0.000231 | 0.000071 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1813 | o[fptk \| dlrsmg][ao]m | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 280 | 809 | 0.000231 | 0.000082 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1814 | [yo]d[ao]i0-4n | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 450 | 623 | 0.000231 | 0.000046 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1815 | [tk]e4dy | [dlrsmg]ai4[lr] | 309 | 875 | 0.000231 | 0.000053 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1816 | ai4[dlrsmg \| n] | [tk]e4dy | 1519 | 309 | 0.000231 | -0.000079 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1817 | o-axis of [yo][fptk][ao][lr] | [yo]d[ao]i0-4n | 764 | 450 | 0.000231 | 0.000004 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1818 | o-axis of [yo][fptk][ao][lr] | yodai0-4n | 764 | 448 | 0.000231 | 0.000005 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1819 | cean variants | cteo-initial | 255 | 220 | 0.000231 | 0.000194 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1820 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | ol[ds] | 733 | 315 | 0.000231 | 0.000079 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1821 | Detached Class Modifiers | o[tk]e0-4y | 95 | 2042 | 0.000231 | 0.000103 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1822 | otai0-4n | cectey relatives | 430 | 197 | 0.000231 | 0.000175 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1823 | ce4a | o[fptk]c + e0-4or | 1009 | 135 | 0.000231 | 0.000141 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1824 | ce4ai4n | cteo-initial | 271 | 220 | 0.000231 | 0.000192 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1825 | cse4dy | opc + e0-4 + y \| dy \| o[dlrs]y | 585 | 302 | 0.000231 | 0.000115 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1826 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | c \| c[s \| fptk] + e4dy | 445 | 1395 | 0.000231 | -0.000179 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1827 | [q \| fptk \| dlrsmg] + oi0-4[lr] | oro | 1819 | 102 | 0.000231 | 0.000109 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1828 | lc-initial | okar variants | 457 | 493 | 0.000231 | 0.000083 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1829 | oa | o[fptk]ai4n | 321 | 1598 | 0.000231 | -0.000107 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1830 | olcey relative | ote0-4y | 277 | 731 | 0.000231 | 0.000098 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1831 | ai4[lr] | oke4dy | 782 | 933 | 0.000231 | -0.000250 | 9 | 3 | 6 | 0.000154 | 0.75000 |
| 1832 | c \| c[s \| fptk] + e4dy | o[fptk]c + e0-4dy | 1395 | 554 | 0.001053 | 0.000543 | 41 | 14 | 27 | 0.000694 | 0.74545 |
| 1833 | oke4dy | okai0-4n | 933 | 994 | 0.000899 | 0.000287 | 35 | 12 | 23 | 0.000591 | 0.74468 |
| 1834 | c + c[s \| fptk]e4y | kc-initial | 1624 | 322 | 0.000822 | 0.000477 | 32 | 11 | 21 | 0.000540 | 0.74419 |
| 1835 | lc-initial | [yo][fptk][ao][lr] | 457 | 2688 | 0.000822 | 0.000011 | 32 | 11 | 21 | 0.000540 | 0.74419 |
| 1836 | [dlrsmg] + ai4[lr] + y-suffix | cse4dy | 1035 | 585 | 0.000822 | 0.000422 | 32 | 11 | 21 | 0.000540 | 0.74419 |
| 1837 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | cte4y | 2246 | 186 | 0.000822 | 0.000546 | 32 | 11 | 21 | 0.000540 | 0.74419 |
| 1838 | dcedy relatives | edy | 85 | 4981 | 0.000822 | 0.000543 | 32 | 11 | 21 | 0.000540 | 0.74419 |
| 1839 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | ce4y | 733 | 737 | 0.000745 | 0.000388 | 29 | 10 | 19 | 0.000488 | 0.74359 |
| 1840 | okar variants | ai4[lr] | 493 | 782 | 0.000745 | 0.000491 | 29 | 10 | 19 | 0.000488 | 0.74359 |
| 1841 | [yo]d[ao]i0-4n | y[fptk]-initial | 450 | 1295 | 0.000745 | 0.000360 | 29 | 10 | 19 | 0.000488 | 0.74359 |
| 1842 | yodai0-4n | y[fptk]-initial | 448 | 1295 | 0.000745 | 0.000362 | 29 | 10 | 19 | 0.000488 | 0.74359 |
| 1843 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | [fptk]ai4[lr] | 2060 | 190 | 0.000745 | 0.000487 | 29 | 10 | 19 | 0.000488 | 0.74359 |
| 1844 | [q \| fptk \| dlrsmg] + oi0-4[lr] | [tk]e4dy | 1819 | 309 | 0.000745 | 0.000374 | 29 | 10 | 19 | 0.000488 | 0.74359 |
| 1845 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | ai4[lr] | 3168 | 782 | 0.002903 | 0.001268 | 113 | 39 | 74 | 0.001901 | 0.74342 |
| 1846 | olcey relative | o[tk]e0-4y | 277 | 2042 | 0.000668 | 0.000295 | 26 | 9 | 17 | 0.000437 | 0.74286 |
| 1847 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | oi4[dlrsmg \| n] | 809 | 1124 | 0.001259 | 0.000659 | 49 | 17 | 32 | 0.000822 | 0.74242 |
| 1848 | [tk]c-Initial | a-axis of [yo][fptk][ao][lr] | 667 | 1731 | 0.000591 | -0.000171 | 23 | 8 | 15 | 0.000385 | 0.74194 |
| 1849 | ce4dy | lc-initial | 755 | 457 | 0.000591 | 0.000363 | 23 | 8 | 15 | 0.000385 | 0.74194 |
| 1850 | ol[oa] | y-initial | 401 | 1926 | 0.000591 | 0.000081 | 23 | 8 | 15 | 0.000385 | 0.74194 |
| 1851 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | ceal variants | 2246 | 269 | 0.000591 | 0.000192 | 23 | 8 | 15 | 0.000385 | 0.74194 |
| 1852 | ol[yoa] | y-initial | 614 | 1926 | 0.001105 | 0.000324 | 43 | 15 | 28 | 0.000719 | 0.74138 |
| 1853 | a-axis of [yo][fptk][ao][lr] | oi4[dlrsmg \| n] | 1731 | 1124 | 0.001619 | 0.000334 | 63 | 22 | 41 | 0.001053 | 0.74118 |
| 1854 | l[fptk] Prefixes | okai0-4n | 514 | 994 | 0.000514 | 0.000177 | 20 | 7 | 13 | 0.000334 | 0.74074 |
| 1855 | [fp]c-Initial | [yo][fptk][ao][lr] | 387 | 2688 | 0.000514 | -0.000173 | 20 | 7 | 13 | 0.000334 | 0.74074 |
| 1856 | ceal verbs | c + e4dy | 230 | 3053 | 0.000514 | 0.000050 | 20 | 7 | 13 | 0.000334 | 0.74074 |
| 1857 | ce4y | lc-initial | 737 | 457 | 0.000514 | 0.000292 | 20 | 7 | 13 | 0.000334 | 0.74074 |
| 1858 | c + c[s \| fptk]e4y | [yo]te4o[dlrsmg] | 1624 | 341 | 0.000514 | 0.000148 | 20 | 7 | 13 | 0.000334 | 0.74074 |
| 1859 | [dlrsmg \| fptk] + ai4n | ol[oa] | 1724 | 401 | 0.000514 | 0.000058 | 20 | 7 | 13 | 0.000334 | 0.74074 |
| 1860 | [dlrsmg \| fptk] + ai4n | eka | 1724 | 191 | 0.000514 | 0.000296 | 20 | 7 | 13 | 0.000334 | 0.74074 |
| 1861 | oe | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 463 | 1421 | 0.000514 | 0.000080 | 20 | 7 | 13 | 0.000334 | 0.74074 |
| 1862 | okar variants | oi4[dlrsmg \| n] | 493 | 1124 | 0.000514 | 0.000148 | 20 | 7 | 13 | 0.000334 | 0.74074 |
| 1863 | ai4[lr] | ai4l | 782 | 306 | 0.000951 | 0.000793 | 37 | 13 | 24 | 0.000617 | 0.74000 |
| 1864 | c[fptk]e4o-initial & c[fptk]e4y Superclass | o-axis of [yo][fptk][ao][lr] | 1659 | 764 | 0.001387 | 0.000551 | 54 | 19 | 35 | 0.000899 | 0.73973 |
| 1865 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | c \| c[s \| fptk] + e4dy | 809 | 1395 | 0.001387 | 0.000642 | 54 | 19 | 35 | 0.000899 | 0.73973 |
| 1866 | oke4dy | a-axis of [yo][fptk][ao][lr] | 933 | 1731 | 0.001747 | 0.000681 | 68 | 24 | 44 | 0.001130 | 0.73913 |
| 1867 | ai4[dlrsmg \| n] | ai4l | 1519 | 306 | 0.001310 | 0.001003 | 51 | 18 | 33 | 0.000848 | 0.73913 |
| 1868 | [dlrsmg] + ai4[lr] + y-suffix | c[s \| fptk]e4dy | 1035 | 622 | 0.000873 | 0.000449 | 34 | 12 | 22 | 0.000565 | 0.73913 |
| 1869 | [dlrsmg] + ai4[lr] + y-suffix | a[lr][ao][lr] | 1035 | 391 | 0.000437 | 0.000170 | 17 | 6 | 11 | 0.000283 | 0.73913 |
| 1870 | tc-initial | [dlrsmg \| fptk] + ai4n | 345 | 1724 | 0.000437 | 0.000044 | 17 | 6 | 11 | 0.000283 | 0.73913 |
| 1871 | olk | lk-initial | 557 | 454 | 0.000437 | 0.000270 | 17 | 6 | 11 | 0.000283 | 0.73913 |
| 1872 | sc-initial | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 103 | 3168 | 0.000437 | 0.000221 | 17 | 6 | 11 | 0.000283 | 0.73913 |
| 1873 | [yo][fptk]e4o[dlrsmg] | ocke4y | 924 | 162 | 0.000437 | 0.000338 | 17 | 6 | 11 | 0.000283 | 0.73913 |
| 1874 | [yo][fp]a | ai4[dlrsmg \| n] | 200 | 1519 | 0.000437 | 0.000236 | 17 | 6 | 11 | 0.000283 | 0.73913 |
| 1875 | okol variants | ce4dy | 285 | 755 | 0.000437 | 0.000295 | 17 | 6 | 11 | 0.000283 | 0.73913 |
| 1876 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | c[fptk]e4y | 503 | 310 | 0.000437 | 0.000334 | 17 | 6 | 11 | 0.000283 | 0.73913 |
| 1877 | [yo][fptk][ao][lr] | sai4n | 2688 | 258 | 0.000437 | -0.000021 | 17 | 6 | 11 | 0.000283 | 0.73913 |
| 1878 | c[fptk]e4o-initial & c[fptk]e4y Superclass | old | 1659 | 225 | 0.000437 | 0.000190 | 17 | 6 | 11 | 0.000283 | 0.73913 |
| 1879 | oi4[dlrsmg \| n] | om + o[fptk \| dlrsmg]am | 1124 | 454 | 0.000437 | 0.000100 | 17 | 6 | 11 | 0.000283 | 0.73913 |
| 1880 | olcey relative | oke0-4y | 277 | 1314 | 0.000437 | 0.000197 | 17 | 6 | 11 | 0.000283 | 0.73913 |
| 1881 | do | cse4y | 383 | 578 | 0.000437 | 0.000291 | 17 | 6 | 11 | 0.000283 | 0.73913 |
| 1882 | [q \| fptk \| dlrsmg] + oi0-4[lr] | c[s \| fptk]e4dy | 1819 | 622 | 0.002235 | 0.001488 | 87 | 31 | 56 | 0.001439 | 0.73729 |
| 1883 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | [fptk]ai4[dlrsmg \| n] | 2060 | 411 | 0.001798 | 0.001240 | 70 | 25 | 45 | 0.001156 | 0.73684 |
| 1884 | Single-Letter Words | c + e4dy | 566 | 3053 | 0.000719 | -0.000421 | 28 | 10 | 18 | 0.000462 | 0.73684 |
| 1885 | o[lr][yo] | dc-initial | 583 | 454 | 0.000360 | 0.000185 | 14 | 5 | 9 | 0.000231 | 0.73684 |
| 1886 | [fptk]ai4[dlrsmg \| n] | [yo]kai0-4n | 411 | 1067 | 0.000360 | 0.000070 | 14 | 5 | 9 | 0.000231 | 0.73684 |
| 1887 | [dlrsmg \| fptk] + ai4[dlrsmg] | dairol/soral relatives | 1444 | 190 | 0.000360 | 0.000179 | 14 | 5 | 9 | 0.000231 | 0.73684 |
| 1888 | o[tk]e0-4y | l-prefix + [fptk]e0-4y | 2042 | 80 | 0.000360 | 0.000252 | 14 | 5 | 9 | 0.000231 | 0.73684 |
| 1889 | c[s \| fptk]e4y | [yo]te4o[dlrsmg] | 887 | 341 | 0.000360 | 0.000160 | 14 | 5 | 9 | 0.000231 | 0.73684 |
| 1890 | [dlrsmg]ai4[lr] | oe0-4s | 875 | 632 | 0.000360 | -0.000005 | 14 | 5 | 9 | 0.000231 | 0.73684 |
| 1891 | oi4[dlrsmg \| n] | [fptk]ai4n | 1124 | 191 | 0.000360 | 0.000218 | 14 | 5 | 9 | 0.000231 | 0.73684 |
| 1892 | [sr]c-Initial | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 179 | 2246 | 0.000360 | 0.000094 | 14 | 5 | 9 | 0.000231 | 0.73684 |
| 1893 | okce0-4y | [dlrsmg] + ai4[lr] + y-suffix | 338 | 1035 | 0.000360 | 0.000129 | 14 | 5 | 9 | 0.000231 | 0.73684 |
| 1894 | [tk]c-Initial | o[fptk]c + e0-4dy | 667 | 554 | 0.000360 | 0.000116 | 14 | 5 | 9 | 0.000231 | 0.73684 |
| 1895 | c \| cs + e0-4s | ai4[lr] | 188 | 782 | 0.000360 | 0.000263 | 14 | 5 | 9 | 0.000231 | 0.73684 |
| 1896 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | cte4y | 733 | 186 | 0.000360 | 0.000270 | 14 | 5 | 9 | 0.000231 | 0.73684 |
| 1897 | ai4[dlrsmg \| n] | [yo][fptk]e4od + y | 1519 | 284 | 0.000360 | 0.000075 | 14 | 5 | 9 | 0.000231 | 0.73684 |
| 1898 | lc-initial | [dlrsmg]ai4[lr] | 457 | 875 | 0.000360 | 0.000096 | 14 | 5 | 9 | 0.000231 | 0.73684 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1899 | ai4r | ai4[dlrsmg \| n] | 483 | 1519 | 0.002646 | 0.002162 | 103 | 37 | 66 | 0.001696 | 0.73571 |
| 1900 | a-axis of [yo][fptk][ao][lr] | [dlrsmg]ai4[lr] | 1731 | 875 | 0.001644 | 0.000645 | 64 | 23 | 41 | 0.001053 | 0.73563 |
| 1901 | cear variants | ai4[dlrsmg] | 365 | 930 | 0.000642 | 0.000418 | 25 | 9 | 16 | 0.000411 | 0.73529 |
| 1902 | [q \| fptk \| dlrsmg] + oi0-4[lr] | a[lr][ao][lr] | 1819 | 391 | 0.000642 | 0.000173 | 25 | 9 | 16 | 0.000411 | 0.73529 |
| 1903 | c + c[s \| fptk]e4y | [fptk]ai4[dlrsmg \| n] | 1624 | 411 | 0.001567 | 0.001127 | 61 | 22 | 39 | 0.001002 | 0.73494 |
| 1904 | [fptk]ai4[dlrsmg \| n] | ai4[dlrsmg \| n] | 411 | 1519 | 0.000925 | 0.000513 | 36 | 13 | 23 | 0.000591 | 0.73469 |
| 1905 | [q \| fptk \| dlrsmg] + oi0-4[lr] | cse4dy | 1819 | 585 | 0.002132 | 0.001430 | 83 | 30 | 53 | 0.001362 | 0.73451 |
| 1906 | [tk]c-Initial | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 667 | 3168 | 0.001490 | 0.000095 | 58 | 21 | 37 | 0.000951 | 0.73418 |
| 1907 | cse4dy | o[tk]e0-4y | 585 | 2042 | 0.001413 | 0.000625 | 55 | 20 | 35 | 0.000899 | 0.73333 |
| 1908 | o[lr][yo] | y[fptk]-initial | 583 | 1295 | 0.000848 | 0.000349 | 33 | 12 | 21 | 0.000540 | 0.73333 |
| 1909 | [q \| fptk \| dlrsmg] + oi0-4[lr] | [fptk]ai4n | 1819 | 191 | 0.000565 | 0.000336 | 22 | 8 | 14 | 0.000360 | 0.73333 |
| 1910 | [dlrsmg \| fptk] + ai4[dlrsmg] | a[lr][ao][lr] | 1444 | 391 | 0.000565 | 0.000193 | 22 | 8 | 14 | 0.000360 | 0.73333 |
| 1911 | a[lr][ao][lr] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 391 | 2060 | 0.000565 | 0.000034 | 22 | 8 | 14 | 0.000360 | 0.73333 |
| 1912 | so | [q \| fptk \| dlrsmg] + oi0-4[lr] | 378 | 1819 | 0.000565 | 0.000111 | 22 | 8 | 14 | 0.000360 | 0.73333 |
| 1913 | [yo][fptk]e4od + y | [yo][fptk][ao][lr] | 284 | 2688 | 0.000565 | 0.000061 | 22 | 8 | 14 | 0.000360 | 0.73333 |
| 1914 | c[fptk]e4o-initial & c[fptk]e4y Superclass | o[lr]y | 1659 | 318 | 0.000565 | 0.000217 | 22 | 8 | 14 | 0.000360 | 0.73333 |
| 1915 | okc + e0-4 + y \| dy \| o[dlrs]y | [q \| fptk \| dlrsmg] + oi0-4[lr] | 563 | 1819 | 0.000565 | -0.000111 | 22 | 8 | 14 | 0.000360 | 0.73333 |
| 1916 | sai4n | c + c[s \| fptk]e4y | 258 | 1624 | 0.000565 | 0.000289 | 22 | 8 | 14 | 0.000360 | 0.73333 |
| 1917 | [dlrsmg \| fptk] + ai4[dlrsmg] | oe0-4s | 1444 | 632 | 0.000565 | -0.000037 | 22 | 8 | 14 | 0.000360 | 0.73333 |
| 1918 | eda | or[yoa] | 784 | 438 | 0.000283 | 0.000056 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1919 | do | o[lr][yoa] | 383 | 1044 | 0.000283 | 0.000019 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1920 | a[dlrsmg]am | [dlrsmg \| fptk] + ai4[dlrsmg] | 92 | 1444 | 0.000283 | 0.000195 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1921 | [q \| fptk \| dlrsmg] + oi0-4[lr] | olai0-4n | 1819 | 126 | 0.000283 | 0.000131 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1922 | ol[tk] | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 621 | 230 | 0.000283 | 0.000188 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1923 | kc-initial | ce4a | 322 | 1009 | 0.000283 | 0.000068 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1924 | ceckey relatives | [dlrsmg]ai4[lr] | 377 | 875 | 0.000283 | 0.000065 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1925 | dc-initial | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 454 | 519 | 0.000283 | 0.000127 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1926 | od[ao]i0-4n | [yo]ke4o[dlrsmg] | 410 | 584 | 0.000283 | 0.000125 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1927 | [yo]te4o[dlrsmg] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 341 | 1227 | 0.000283 | 0.000006 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1928 | [dlrsmg \| fptk]e0-4y | sai4n | 735 | 258 | 0.000283 | 0.000157 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1929 | [yo][fptk]e4od + y | a-axis of [yo][fptk][ao][lr] | 284 | 1731 | 0.000283 | -0.000042 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1930 | oc[s \| fptk]e4y | okal variants | 319 | 544 | 0.000283 | 0.000168 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1931 | eda | oc[fptk]e4y | 784 | 289 | 0.000283 | 0.000133 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1932 | om + o[fptk \| dlrsmg]am | oe | 454 | 463 | 0.000283 | 0.000144 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1933 | [yo]d[ao]i0-4n | [yo]ke4o[dlrsmg] | 450 | 584 | 0.000283 | 0.000109 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1934 | c[fptk]e4o-initial & c[fptk]e4y Superclass | a[lr][ao][lr] | 1659 | 391 | 0.000283 | -0.000146 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1935 | odai0-4n | [yo]ke4o[dlrsmg] | 408 | 584 | 0.000283 | 0.000125 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1936 | eda | [yo]c[fptk]e4y | 784 | 294 | 0.000283 | 0.000130 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1937 | eda | or[oa] | 784 | 340 | 0.000283 | 0.000107 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1938 | otc + e4ol | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 66 | 1227 | 0.000283 | 0.000229 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1939 | cean verbs | y[fptk]-initial | 213 | 1295 | 0.000283 | 0.000101 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1940 | ce4ai4n | edy | 271 | 4981 | 0.000283 | -0.000608 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1941 | [fptk][yo]lc | ed[yoa] | 53 | 5851 | 0.000283 | 0.000078 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1942 | dai4n | eka | 1140 | 191 | 0.000283 | 0.000139 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1943 | dai4n | otal variants | 1140 | 333 | 0.000283 | 0.000032 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1944 | o[fptk]c + e0-4dy | [yo]tai0-4n | 554 | 490 | 0.000283 | 0.000103 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1945 | c + c[s \| fptk]e4y | old | 1624 | 225 | 0.000283 | 0.000041 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1946 | ce4y | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 737 | 623 | 0.000283 | -0.000020 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1947 | yodai0-4[lrm \| n] | [yo][fp][yoa] | 832 | 339 | 0.000283 | 0.000096 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1948 | yodai0-4n | [yo]ke4o[dlrsmg] | 448 | 584 | 0.000283 | 0.000110 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1949 | [yo][fptk]e4o[dlrsmg] | [yo]tai0-4n | 924 | 490 | 0.000283 | -0.000016 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1950 | ola | c + c[s \| fptk]e4y | 228 | 1624 | 0.000283 | 0.000038 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1951 | y + Non-[dlrs] Prefixes | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 205 | 1227 | 0.000283 | 0.000117 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1952 | dai4n | cse4o | 1140 | 205 | 0.000283 | 0.000128 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1953 | [fptk]ai4n | c[fptk]e4o-initial & c[fptk]e4y Superclass | 191 | 1659 | 0.000283 | 0.000073 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1954 | c + c[s \| fptk]e4y | [sr]c-Initial | 1624 | 179 | 0.000283 | 0.000091 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1955 | ea | om | 1195 | 203 | 0.000283 | 0.000122 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1956 | tc-initial | ea | 345 | 1195 | 0.000283 | 0.000010 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1957 | a-axis of [yo][fptk][ao][lr] | [yo]d[ao]i0-4r | 1731 | 228 | 0.000283 | 0.000022 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1958 | cse4dy | c[fptk]e4o-initial & c[fptk]e4y Superclass | 585 | 1659 | 0.000283 | -0.000358 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1959 | cean verbs | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 213 | 1421 | 0.000283 | 0.000083 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1960 | [yo]d[ao]i0-4[lrm \| n] | ceal variants | 880 | 269 | 0.000283 | 0.000126 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1961 | ol[dtk] | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 842 | 230 | 0.000283 | 0.000155 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1962 | o[lr]y | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 318 | 809 | 0.000283 | 0.000113 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1963 | o[lr]a | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 469 | 503 | 0.000283 | 0.000127 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1964 | cse4y | [fptk]ai4[lr] | 578 | 190 | 0.000283 | 0.000210 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1965 | ed[yoa] | ceam variants | 5851 | 76 | 0.000283 | -0.000011 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1966 | [yo]ke4o[dlrsmg] | [dlrsmg \| fptk] + ai4[dlrsmg] | 584 | 1444 | 0.000283 | -0.000274 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1967 | o[fptk]ai4n | ety | 1598 | 93 | 0.000283 | 0.000185 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1968 | ol[dtk] | otc + e0-4 + y \| dy \| o[dlrs]y | 842 | 493 | 0.000283 | 0.000009 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1969 | [yo]c + e4dy | oke4dy | 110 | 933 | 0.000283 | 0.000215 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1970 | pc-initial | ea | 307 | 1195 | 0.000283 | 0.000040 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1971 | od endings + odcey relatives | okc + e0-4 + y \| dy \| o[dlrs]y | 275 | 563 | 0.000283 | 0.000180 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1972 | [yo][fptk]e4o | [dlrsmg \| fptk] + ai4[dlrsmg] | 88 | 1444 | 0.000283 | 0.000199 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1973 | [yo][fptk]e4o | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 88 | 2060 | 0.000283 | 0.000163 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1974 | y-initial | [fptk] + c \| c[s \| fptk] + e4dy | 1926 | 196 | 0.000283 | 0.000033 | 11 | 4 | 7 | 0.000180 | 0.73333 |
| 1975 | c[fptk]e4o-initial & c[fptk]e4y Superclass | or[yoa] | 1659 | 438 | 0.000771 | 0.000291 | 30 | 11 | 19 | 0.000488 | 0.73171 |
| 1976 | okal variants | [dlrsmg] + ai4[lr] + y-suffix | 544 | 1035 | 0.000771 | 0.000399 | 30 | 11 | 19 | 0.000488 | 0.73171 |
| 1977 | a[dlrsmg]am | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 92 | 3168 | 0.000488 | 0.000296 | 19 | 7 | 12 | 0.000308 | 0.73077 |
| 1978 | lk-initial | okai0-4n | 454 | 994 | 0.000488 | 0.000190 | 19 | 7 | 12 | 0.000308 | 0.73077 |
| 1979 | a-axis of [yo][fptk][ao][lr] | o[fptk \| dlrsmg][ao]m | 1731 | 280 | 0.000488 | 0.000168 | 19 | 7 | 12 | 0.000308 | 0.73077 |
| 1980 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | Detached Class Modifiers | 3168 | 95 | 0.000488 | 0.000289 | 19 | 7 | 12 | 0.000308 | 0.73077 |
| 1981 | o[fptk]ai4n | ai4l | 1598 | 306 | 0.000488 | 0.000165 | 19 | 7 | 12 | 0.000308 | 0.73077 |
| 1982 | [dlrsmg \| fptk] + ai4n | okar variants | 1724 | 493 | 0.000488 | -0.000073 | 19 | 7 | 12 | 0.000308 | 0.73077 |
| 1983 | dai4n | ai4[lr] | 1140 | 782 | 0.000488 | -0.000100 | 19 | 7 | 12 | 0.000308 | 0.73077 |
| 1984 | [dlrsmg] + ai4[lr] + y-suffix | cse4y | 1035 | 578 | 0.000488 | 0.000093 | 19 | 7 | 12 | 0.000308 | 0.73077 |
| 1985 | [yo]c[s \| fptk]e4y | o[tk]e0-4y | 353 | 2042 | 0.000694 | 0.000218 | 27 | 10 | 17 | 0.000437 | 0.72973 |
| 1986 | l[fptk] Prefixes | ai4[dlrsmg \| n] | 514 | 1519 | 0.000694 | 0.000178 | 27 | 10 | 17 | 0.000437 | 0.72973 |
| 1987 | [tk]c-Initial | [yo][fptk][ao][lr] | 667 | 2688 | 0.000899 | -0.000284 | 35 | 13 | 22 | 0.000565 | 0.72917 |
| 1988 | [yo][fp][yoa] | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 339 | 3168 | 0.000899 | 0.000190 | 35 | 13 | 22 | 0.000565 | 0.72917 |
| 1989 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | [fptk]ai4n | 2060 | 191 | 0.000899 | 0.000639 | 35 | 13 | 22 | 0.000565 | 0.72917 |
| 1990 | oe0-4s | ai4[dlrsmg] | 632 | 930 | 0.001105 | 0.000717 | 43 | 16 | 27 | 0.000694 | 0.72881 |
| 1991 | [yo]tai0-4n | a-axis of [yo][fptk][ao][lr] | 490 | 1731 | 0.001233 | 0.000673 | 48 | 18 | 30 | 0.000771 | 0.72727 |
| 1992 | oi4[dlrsmg \| n] | cse4y | 1124 | 578 | 0.000822 | 0.000393 | 32 | 12 | 20 | 0.000514 | 0.72727 |
| 1993 | [tk]c-Initial | dai4n | 667 | 1140 | 0.000617 | 0.000115 | 24 | 9 | 15 | 0.000385 | 0.72727 |
| 1994 | od[ao]i0-4n | y[fptk]-initial | 410 | 1295 | 0.000617 | 0.000266 | 24 | 9 | 15 | 0.000385 | 0.72727 |
| 1995 | odai0-4n | y[fptk]-initial | 408 | 1295 | 0.000617 | 0.000268 | 24 | 9 | 15 | 0.000385 | 0.72727 |
| 1996 | [yo][fptk]e4o[dlrsmg] | [dlrsmg \| fptk] + ai4[dlrsmg] | 924 | 1444 | 0.000617 | -0.000264 | 24 | 9 | 15 | 0.000385 | 0.72727 |
| 1997 | cedar variants | o[fptk]c + e0-4dy | 176 | 554 | 0.000411 | 0.000347 | 16 | 6 | 10 | 0.000257 | 0.72727 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1998 | c \| c[fptk] + e4o | lk-initial | 228 | 454 | 0.000411 | 0.000343 | 16 | 6 | 10 | 0.000257 | 0.72727 |
| 1999 | ceckey relatives | okal variants | 377 | 544 | 0.000411 | 0.000276 | 16 | 6 | 10 | 0.000257 | 0.72727 |
| 2000 | [yo]d[ao]i0-4[lr] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 393 | 503 | 0.000411 | 0.000281 | 16 | 6 | 10 | 0.000257 | 0.72727 |
| 2001 | c \| c[fptk] + e4o | l[fptk] Prefixes | 228 | 514 | 0.000411 | 0.000334 | 16 | 6 | 10 | 0.000257 | 0.72727 |
| 2002 | c[s \| fptk]e4y | [yo]tai0-4n | 887 | 490 | 0.000411 | 0.000124 | 16 | 6 | 10 | 0.000257 | 0.72727 |
| 2003 | [yo]d[ao]i0-4[lrm \| n] | cse4o | 880 | 205 | 0.000411 | 0.000292 | 16 | 6 | 10 | 0.000257 | 0.72727 |
| 2004 | [dlrsmg] + ai4[lr] + y-suffix | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 1035 | 445 | 0.000411 | 0.000107 | 16 | 6 | 10 | 0.000257 | 0.72727 |
| 2005 | od[ao]i0-4[lr] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 369 | 503 | 0.000411 | 0.000289 | 16 | 6 | 10 | 0.000257 | 0.72727 |
| 2006 | [tk]e4dy | [dlrsmg \| fptk] + ai4[dlrsmg] | 309 | 1444 | 0.000411 | 0.000117 | 16 | 6 | 10 | 0.000257 | 0.72727 |
| 2007 | a-axis of [yo][fptk][ao][lr] | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 1731 | 222 | 0.000411 | 0.000157 | 16 | 6 | 10 | 0.000257 | 0.72727 |
| 2008 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | [fptk]ai4[lr] | 2246 | 190 | 0.000411 | 0.000129 | 16 | 6 | 10 | 0.000257 | 0.72727 |
| 2009 | [tk]e4o | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 206 | 3168 | 0.000411 | -0.000020 | 16 | 6 | 10 | 0.000257 | 0.72727 |
| 2010 | [yo][fptk][ao][lr] | c \| c[fptk] + e4o | 2688 | 228 | 0.000411 | 0.000007 | 16 | 6 | 10 | 0.000257 | 0.72727 |
| 2011 | o[fptk]c + e0-4dy | o-axis of [yo][fptk][ao][lr] | 554 | 764 | 0.000411 | 0.000132 | 16 | 6 | 10 | 0.000257 | 0.72727 |
| 2012 | oi4n Superset | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 257 | 503 | 0.000206 | 0.000120 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2013 | a[dlrsmg]am | [dlrsmg \| fptk] + ai4n | 92 | 1724 | 0.000206 | 0.000101 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2014 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | Single-Letter Words | 445 | 566 | 0.000206 | 0.000039 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2015 | ce4a | oc[fptk]e4y | 1009 | 289 | 0.000206 | 0.000013 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2016 | [yo][fp]ai0-4[rn] | ai4[dlrsmg] | 111 | 930 | 0.000206 | 0.000137 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2017 | [q \| fptk \| dlrsmg] + oi0-4[lr] | o[dlrs]ce4y Superset | 1819 | 196 | 0.000206 | -0.000030 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2018 | ai4[dlrsmg \| n] | okc + e0-4 + y \| dy \| o[dlrs]y | 1519 | 563 | 0.000206 | -0.000359 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2019 | ai4[dlrsmg \| n] | okce0-4y | 1519 | 338 | 0.000206 | -0.000133 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2020 | lk-initial | odai0-4[lrm \| n] | 454 | 767 | 0.000206 | -0.000024 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2021 | lk-initial | [yo]d[ao]i0-4[lrm \| n] | 454 | 880 | 0.000206 | -0.000058 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2022 | lk-initial | od[ao]i0-4[lrm \| n] | 454 | 813 | 0.000206 | -0.000038 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2023 | lk-initial | yodai0-4[lrm \| n] | 454 | 832 | 0.000206 | -0.000044 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2024 | eda | sai4n | 784 | 258 | 0.000206 | 0.000072 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2025 | okar variants | a[lr][ao][lr] | 493 | 391 | 0.000206 | 0.000078 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2026 | oi | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 304 | 503 | 0.000206 | 0.000105 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2027 | ek[yoa] | otar variants | 446 | 345 | 0.000206 | 0.000104 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2028 | lk-initial | ai4r | 454 | 483 | 0.000206 | 0.000061 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2029 | [yo][fptk][ao][lr] | [dlrsmg]ai4m | 2688 | 149 | 0.000206 | -0.000059 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2030 | oly | oke0-4y | 222 | 1314 | 0.000206 | 0.000013 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2031 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | okce0-4y | 503 | 338 | 0.000206 | 0.000093 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2032 | [yo][fptk]e4ol | [dlrsmg \| fptk] + ai4[dlrsmg] | 322 | 1444 | 0.000206 | -0.000101 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2033 | ce4dy | [dlrsmg]e0-4y | 755 | 453 | 0.000206 | -0.000020 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2034 | ce4dy | okce0-4dy | 755 | 188 | 0.000206 | 0.000112 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2035 | otc + e0-4 + y \| dy \| o[dlrs]y | oe0-4s | 493 | 632 | 0.000206 | 0.000000 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2036 | o[fptk]e4dy | okol variants | 1444 | 285 | 0.000206 | -0.000066 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2037 | [tk]c-Initial | cteo-initial | 667 | 220 | 0.000206 | 0.000109 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2038 | cedal variants | oke4dy | 127 | 933 | 0.000206 | 0.000127 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2039 | l[fptk] Prefixes | [dlrsmg]ai4[lr] | 514 | 875 | 0.000206 | -0.000091 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2040 | dai4m | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 130 | 809 | 0.000206 | 0.000136 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2041 | [dlrsmg \| fptk]e0-4y | or[yoa] | 735 | 438 | 0.000206 | -0.000007 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2042 | [dlrsmg \| fptk]e0-4y | oc[fptk]e4y | 735 | 289 | 0.000206 | 0.000065 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2043 | cear verbs | ceal variants | 303 | 269 | 0.000206 | 0.000152 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2044 | cke4[yo] | oke0-4y | 172 | 1314 | 0.000206 | 0.000056 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2045 | [yo]ke4o[lr] | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 319 | 809 | 0.000206 | 0.000035 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2046 | oda | cke4[yo] | 847 | 172 | 0.000206 | 0.000109 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2047 | oda | ceal verbs | 847 | 230 | 0.000206 | 0.000077 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2048 | okai0-4n | oc[fptk]e4y | 994 | 289 | 0.000206 | 0.000016 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2049 | dc-initial | c[s \| fptk]e4dy | 454 | 622 | 0.000206 | 0.000019 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2050 | ceckey relatives | [yo][fptk]e4o[dlrsmg] | 377 | 924 | 0.000206 | -0.000024 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2051 | ceckey relatives | [ao][lr][ao][lr] Pipe/Flow | 377 | 843 | 0.000206 | -0.000004 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2052 | ai4[dlrsmg] | [yo][fptk]e4od + y | 930 | 284 | 0.000206 | 0.000031 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2053 | ote0-4y | om + o[fptk \| dlrsmg]am | 731 | 454 | 0.000206 | -0.000014 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2054 | [yo]ce4y | o[fptk]ai4n | 113 | 1598 | 0.000206 | 0.000086 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2055 | [yo]kai0-4n | oc[fptk]e4y | 1067 | 289 | 0.000206 | 0.000002 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2056 | oke0-4y | dai4m | 1314 | 130 | 0.000206 | 0.000093 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2057 | od endings + odcey relatives | o-axis of [yo][fptk][ao][lr] | 275 | 764 | 0.000206 | 0.000067 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2058 | kc-initial | ol[dtk] | 322 | 842 | 0.000206 | 0.000027 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2059 | od endings | yodai0-4[lrm \| n] | 243 | 832 | 0.000206 | 0.000072 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2060 | od endings | odai0-4[lrm \| n] | 243 | 767 | 0.000206 | 0.000083 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2061 | okc + e0-4 + y \| dy \| o[dlrs]y | okar variants | 563 | 493 | 0.000206 | 0.000022 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2062 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | okce0-4y | 733 | 338 | 0.000206 | 0.000042 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2063 | ai4n | cedai4[lrsm \| n] | 589 | 527 | 0.000206 | 0.000001 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2064 | ce4a | ol[oa] | 1009 | 401 | 0.000206 | -0.000062 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2065 | sai4n | ai4[lr] | 258 | 782 | 0.000206 | 0.000072 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2066 | otar variants | a[lr][ao][lr] | 345 | 391 | 0.000206 | 0.000116 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2067 | [dlrsmg \| fptk] + ai4n | cse0-4s | 1724 | 102 | 0.000206 | 0.000089 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2068 | cean verbs | c[s \| fptk]e4y | 213 | 887 | 0.000206 | 0.000081 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2069 | o-axis of [yo][fptk][ao][lr] | c \| c[fptk] + e4o | 764 | 228 | 0.000206 | 0.000091 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2070 | Single-Letter Words | o[fptk]e4dy | 566 | 1444 | 0.000206 | -0.000334 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2071 | ol[yo] | otc + e0-4 + y \| dy \| o[dlrs]y | 388 | 493 | 0.000206 | 0.000079 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2072 | ol[yo] | dc-initial | 388 | 454 | 0.000206 | 0.000089 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2073 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | od endings + odcey relatives | 733 | 275 | 0.000206 | 0.000072 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2074 | kc-initial | o[fptk]c + e0-4dy | 322 | 554 | 0.000206 | 0.000088 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2075 | otal variants | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 333 | 809 | 0.000206 | 0.000028 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2076 | opal variants | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 42 | 3168 | 0.000206 | 0.000118 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2077 | od endings | o-axis of [yo][fptk][ao][lr] | 243 | 764 | 0.000206 | 0.000083 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2078 | cte4y | otc + e0-4 + y \| dy \| o[dlrs]y | 186 | 493 | 0.000206 | 0.000145 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2079 | otal variants | [fptk]ai4[dlrsmg \| n] | 333 | 411 | 0.000206 | 0.000115 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2080 | [yo]d[ao]i0-4n | ek[yoa] | 450 | 446 | 0.000206 | 0.000073 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2081 | lk-initial | oda | 454 | 847 | 0.000206 | -0.000048 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2082 | a[lr][ao][lr] | o[fptk]e4dy | 391 | 1444 | 0.000206 | -0.000167 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2083 | ai4[dlrsmg \| n] | [yo]te4od | 1519 | 149 | 0.000206 | 0.000056 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2084 | c[fptk]e4o-initial & c[fptk]e4y Superclass | okce0-4dy | 1659 | 188 | 0.000206 | 0.000000 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2085 | odai0-4n | ek[yoa] | 408 | 446 | 0.000206 | 0.000085 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2086 | odai0-4n | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 408 | 623 | 0.000206 | 0.000038 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2087 | otar variants | od[ao]i0-4[lrm \| n] | 345 | 813 | 0.000206 | 0.000020 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2088 | otar variants | odai0-4[lrm \| n] | 345 | 767 | 0.000206 | 0.000031 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2089 | [fp]c-Initial | a-axis of [yo][fptk][ao][lr] | 387 | 1731 | 0.000206 | -0.000237 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2090 | otc + e4ol | c[fptk]e4o-initial & c[fptk]e4y Superclass | 66 | 1659 | 0.000206 | 0.000133 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2091 | l[fptk] Prefixes | od[ao]i0-4[lrm \| n] | 514 | 813 | 0.000206 | -0.000070 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2092 | l[fptk] Prefixes | odai0-4[lrm \| n] | 514 | 767 | 0.000206 | -0.000055 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2093 | l[fptk] Prefixes | [yo]d[ao]i0-4[lrm \| n] | 514 | 880 | 0.000206 | -0.000093 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2094 | l[fptk] Prefixes | oda | 514 | 847 | 0.000206 | -0.000082 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2095 | l[fptk] Prefixes | yodai0-4[lrm \| n] | 514 | 832 | 0.000206 | -0.000077 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2096 | l[fptk] Prefixes | okal variants | 514 | 544 | 0.000206 | 0.000021 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2097 | oda | o[fptk]c + e0-4ol | 847 | 159 | 0.000206 | 0.000117 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2098 | od[ao]i0-4[lr] | cse4o | 369 | 205 | 0.000206 | 0.000156 | 8 | 3 | 5 | 0.000128 | 0.72727 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2099 | om | [yo]c + e4o Superclass | 203 | 345 | 0.000206 | 0.000159 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2100 | o[lr]a | [yo][fptk]e4ol | 469 | 322 | 0.000206 | 0.000106 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2101 | edy | d[fptk \| drs] | 4981 | 56 | 0.000206 | 0.000021 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2102 | ote4dy | [yo]ke4o[dlrsmg] | 509 | 584 | 0.000206 | 0.000009 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2103 | ol[yoa] | o[fptk]c + e0-4dy | 614 | 554 | 0.000206 | -0.000019 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2104 | [dlrsmg] + ai4[lr] + y-suffix | [dlrsmg]ai4m | 1035 | 149 | 0.000206 | 0.000104 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2105 | [yo]ke4o[dlrsmg] | oy + oe4y | 584 | 207 | 0.000206 | 0.000126 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2106 | [yo][fptk\| dlrsmg] + c \| cs + e4o | [tk]c-Initial | 113 | 667 | 0.000206 | 0.000156 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2107 | o[tk]e0-4y | l[drs] Prefixes | 2042 | 95 | 0.000206 | 0.000077 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2108 | [yo]d[ao]i0-4[lrm \| n] | o[fptk]c + e0-4ol | 880 | 159 | 0.000206 | 0.000113 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2109 | [yo]d[ao]i0-4[lrm \| n] | ce4o | 880 | 160 | 0.000206 | 0.000113 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2110 | [yo]d[ao]i0-4[lrm \| n] | cke4[yo] | 880 | 172 | 0.000206 | 0.000106 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2111 | ek[yo] | [yo]dy endings | 255 | 1228 | 0.000206 | -0.000001 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2112 | o + c \| cs + e4ol | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 48 | 2246 | 0.000206 | 0.000134 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2113 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | cear variants | 623 | 365 | 0.000206 | 0.000055 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2114 | cse4o | o[fptk]c + e0-4y | 205 | 753 | 0.000206 | 0.000104 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2115 | opce0-4dy | [dlrsmg \| fptk] + ai4n | 159 | 1724 | 0.000206 | 0.000025 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2116 | oe0-4s | ol[tk] | 632 | 621 | 0.000206 | -0.000054 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2117 | [dlrsmg \| fptk] + ai4[dlrsmg] | sai4n | 1444 | 258 | 0.000206 | -0.000040 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2118 | yodai0-4[lrm \| n] | o[fptk]c + e0-4ol | 832 | 159 | 0.000206 | 0.000118 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2119 | ek[yoa] | [yo][fptk]e4o[dlrsmg] | 446 | 924 | 0.000206 | -0.000066 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2120 | ek[yoa] | okol variants | 446 | 285 | 0.000206 | 0.000122 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2121 | o[lr]o | ol[dtk] | 274 | 842 | 0.000206 | 0.000053 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2122 | c[s \| fptk]e4y | od endings | 887 | 243 | 0.000206 | 0.000063 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2123 | c[s \| fptk]e4y | od endings + odcey relatives | 887 | 275 | 0.000206 | 0.000045 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2124 | edo | [q \| fptk \| dlrsmg] + oi0-4[lr] | 90 | 1819 | 0.000206 | 0.000097 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2125 | g | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 132 | 809 | 0.000206 | 0.000135 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2126 | yodai0-4n | ek[yoa] | 448 | 446 | 0.000206 | 0.000074 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2127 | [yo][fp]ai0-4[rn] | y-initial | 111 | 1926 | 0.000206 | 0.000064 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2128 | o[fptk]c + e0-4dy | oi4[dlrsmg \| n] | 554 | 1124 | 0.000206 | -0.000205 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2129 | [yo]ce4y + infixed versions | o[fptk]e4dy | 466 | 1444 | 0.000206 | -0.000239 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2130 | o[fptk]c + e0-4o | [tk]c-Initial | 101 | 667 | 0.000206 | 0.000161 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2131 | oce4y + s infixes | [dlrsmg \| fptk] + ai4n | 90 | 1724 | 0.000206 | 0.000103 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2132 | o-axis of [yo][fptk][ao][lr] | [yo]d[ao]i0-4r | 764 | 228 | 0.000206 | 0.000091 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2133 | c + c[s \| fptk]e4y | [fptk] + c \| c[s \| fptk] + e4dy | 1624 | 196 | 0.000206 | -0.000005 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2134 | o-axis of [yo][fptk][ao][lr] | od[ao]i0-4r | 764 | 215 | 0.000206 | 0.000097 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2135 | Single-Letter Words | cear verbs | 566 | 303 | 0.000206 | 0.000092 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2136 | yodai0-4[lrm \| n] | ceal verbs | 832 | 230 | 0.000206 | 0.000079 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2137 | ea | [yo]ce4y + s infixes | 1195 | 172 | 0.000206 | 0.000070 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2138 | c[fptk]c polygraph | o[tk]e0-4y | 99 | 2042 | 0.000206 | 0.000072 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2139 | [yo]c + e4o Superclass | ce4y | 345 | 737 | 0.000206 | 0.000038 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2140 | odai0-4l | c + e4dy | 133 | 3053 | 0.000206 | -0.000062 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2141 | ed[yoa] | [yo]te4or | 5851 | 31 | 0.000206 | 0.000086 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2142 | ed[yoa] | d[fptk \| drs] | 5851 | 56 | 0.000206 | -0.000011 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2143 | g | [q \| fptk \| dlrsmg] + oi0-4[lr] | 132 | 1819 | 0.000206 | 0.000047 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2144 | otce0-4dy | o-axis of [yo][fptk][ao][lr] | 172 | 764 | 0.000206 | 0.000119 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2145 | y-initial | oy | 1926 | 141 | 0.000206 | 0.000026 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2146 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | ce4a | 186 | 1009 | 0.000206 | 0.000082 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2147 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | [yo]te4o[dlrsmg] | 623 | 341 | 0.000206 | 0.000065 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2148 | o[fptk]e4dy | eka | 1444 | 191 | 0.000206 | 0.000023 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2149 | [yo]tai0-4n | ai4r | 490 | 483 | 0.000206 | 0.000049 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2150 | [yo]tai0-4n | et[yoa] | 490 | 186 | 0.000206 | 0.000145 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2151 | [yo]ke4ol | c \| c[s \| fptk] + e4dy | 223 | 1395 | 0.000206 | 0.000000 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2152 | [yo]ke4ol | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 223 | 503 | 0.000206 | 0.000131 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2153 | oy | c[s \| fptk]e4y | 141 | 887 | 0.000206 | 0.000123 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2154 | okce0-4y | do | 338 | 383 | 0.000206 | 0.000120 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2155 | cse4o | c[fptk]e4y | 205 | 310 | 0.000206 | 0.000164 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2156 | y-initial | cedar variants | 1926 | 176 | 0.000206 | -0.000018 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2157 | or[oa] | Single-Letter Words | 340 | 566 | 0.000206 | 0.000079 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2158 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | l-prefix + [fptk]e0-4y | 2060 | 80 | 0.000206 | 0.000097 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2159 | o[tk]e0-4y | cedar variants | 2042 | 176 | 0.000206 | -0.000032 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2160 | [yo]e0-4[fp]e0-4[yo] | y[fptk]-initial | 149 | 1295 | 0.000206 | 0.000078 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2161 | [dlrsmg \| fptk]e0-4y | [yo]c[fptk]e4y | 735 | 294 | 0.000206 | 0.000063 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2162 | [yo]d[ao]i0-4[lr] | cse4o | 393 | 205 | 0.000206 | 0.000152 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2163 | om | so | 203 | 378 | 0.000206 | 0.000155 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2164 | sc-initial | [q \| fptk \| dlrsmg] + oi0-4[lr] | 103 | 1819 | 0.000206 | 0.000082 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2165 | o[fptk]ai4n | cse4o | 1598 | 205 | 0.000206 | -0.000011 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2166 | oe | o[fptk]c + e0-4dy | 463 | 554 | 0.000206 | 0.000036 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2167 | o[fptk]ai4n | or[yo] | 1598 | 200 | 0.000206 | -0.000005 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2168 | cedar variants | ce4dy | 176 | 755 | 0.000206 | 0.000118 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2169 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | [fptk]ai4[lr] | 1421 | 190 | 0.000206 | 0.000027 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2170 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 1421 | 222 | 0.000206 | -0.000003 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2171 | c[fptk]e4y | ko | 310 | 179 | 0.000206 | 0.000169 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2172 | o[lr][oa] | [yo]ke4o[lr] | 735 | 319 | 0.000206 | 0.000051 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2173 | od[ao]i0-4n | ek[yoa] | 410 | 446 | 0.000206 | 0.000085 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2174 | od[ao]i0-4n | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 410 | 623 | 0.000206 | 0.000037 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2175 | od[ao]i0-4[lr] | om + o[fptk \| dlrsmg]am | 369 | 454 | 0.000206 | 0.000095 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2176 | odai0-4[lr] | oi4[dlrsmg \| n] | 326 | 1124 | 0.000206 | -0.000036 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2177 | o[lr][yoa] | otce0-4y | 1044 | 281 | 0.000206 | 0.000012 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2178 | [yo][fptk]e4o[lr] | [yo]te4o[lr] | 449 | 130 | 0.000206 | 0.000167 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2179 | [yo][fptk]e4o[lr] | ai4[dlrsmg] | 449 | 930 | 0.000206 | -0.000070 | 8 | 3 | 5 | 0.000128 | 0.72727 |
| 2180 | c[s \| fptk]e4dy | o[tk]e0-4y | 622 | 2042 | 0.001490 | 0.000652 | 58 | 22 | 36 | 0.000925 | 0.72500 |
| 2181 | otar variants | ai4[dlrsmg] | 345 | 930 | 0.000745 | 0.000533 | 29 | 11 | 18 | 0.000462 | 0.72500 |
| 2182 | cte4[yo] | [yo][fptk][ao][lr] | 406 | 2688 | 0.000745 | 0.000025 | 29 | 11 | 18 | 0.000462 | 0.72500 |
| 2183 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | ai4[dlrsmg \| n] | 809 | 1519 | 0.001285 | 0.000473 | 50 | 19 | 31 | 0.000796 | 0.72464 |
| 2184 | cear variants | ai4[dlrsmg \| n] | 365 | 1519 | 0.001079 | 0.000713 | 42 | 16 | 26 | 0.000668 | 0.72414 |
| 2185 | otai0-4n | a-axis of [yo][fptk][ao][lr] | 430 | 1731 | 0.001079 | 0.000588 | 42 | 16 | 26 | 0.000668 | 0.72414 |
| 2186 | cear variants | ai4[lr] | 365 | 782 | 0.000540 | 0.000351 | 21 | 8 | 13 | 0.000334 | 0.72414 |
| 2187 | oly | [dlrsmg \| fptk] + ai4n | 222 | 1724 | 0.000540 | 0.000287 | 21 | 8 | 13 | 0.000334 | 0.72414 |
| 2188 | [yo]dy endings | okar variants | 1228 | 493 | 0.000540 | 0.000140 | 21 | 8 | 13 | 0.000334 | 0.72414 |
| 2189 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | ko | 2060 | 179 | 0.000873 | 0.000630 | 34 | 13 | 21 | 0.000540 | 0.72340 |
| 2190 | [dlrsmg \| fptk] + ai4n | cteo-initial | 1724 | 220 | 0.000873 | 0.000623 | 34 | 13 | 21 | 0.000540 | 0.72340 |
| 2191 | cedar variants | c + e4dy | 176 | 3053 | 0.001002 | 0.000647 | 39 | 15 | 24 | 0.000617 | 0.72222 |
| 2192 | oa | c[fptk]e4o-initial & c[fptk]e4y Superclass | 321 | 1659 | 0.000668 | 0.000316 | 26 | 10 | 16 | 0.000411 | 0.72222 |
| 2193 | [dlrsmg \| fptk] + ai4n | [yo]tai0-4n | 1724 | 490 | 0.000668 | 0.000110 | 26 | 10 | 16 | 0.000411 | 0.72222 |
| 2194 | oce4y + infixed versions | o-axis of [yo][fptk][ao][lr] | 379 | 764 | 0.000334 | 0.000143 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2195 | c \| c[s \| fptk] + e4dy | oe | 1395 | 463 | 0.000334 | -0.000092 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2196 | oe0-4s | a[lr][ao][lr] | 632 | 391 | 0.000334 | 0.000171 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2197 | yodai0-4n | [yo][fptk]e4o[dlrsmg] | 448 | 924 | 0.000334 | 0.000061 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2198 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | oce4y + infixed versions | 445 | 379 | 0.000334 | 0.000223 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2199 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | [yo]c[s \| fptk]e4y | 445 | 353 | 0.000334 | 0.000230 | 13 | 5 | 8 | 0.000206 | 0.72222 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2200 | oce4y + infixed versions | ol[dtk] | 379 | 842 | 0.000334 | 0.000123 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2201 | ece Noun | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 142 | 3168 | 0.000334 | 0.000037 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2202 | ol[yoa] | ce4y | 614 | 737 | 0.000334 | 0.000035 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2203 | oc[fpt]e4y | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 132 | 1421 | 0.000334 | 0.000210 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2204 | [yo]d[ao]i0-4l | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 165 | 3168 | 0.000334 | -0.000011 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2205 | o[lr]a | ce4y | 469 | 737 | 0.000334 | 0.000106 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2206 | [yo]dy endings | otol variants | 1228 | 239 | 0.000334 | 0.000140 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2207 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | okor variants | 3168 | 122 | 0.000334 | 0.000079 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2208 | od[ao]i0-4n | [yo][fptk]e4o[dlrsmg] | 410 | 924 | 0.000334 | 0.000084 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2209 | ol[dtk] | so | 842 | 378 | 0.000334 | 0.000124 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2210 | y-initial | c \| c[fptk] + e4o | 1926 | 228 | 0.000334 | 0.000044 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2211 | te4o | ed[yoa] | 75 | 5851 | 0.000334 | 0.000044 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2212 | [dlrsmg]ai4[lr] | [yo]d[ao]i0-4[lr] | 875 | 393 | 0.000334 | 0.000107 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2213 | oa | ce4a | 321 | 1009 | 0.000334 | 0.000120 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2214 | l[fptk] Prefixes | okar variants | 514 | 493 | 0.000334 | 0.000167 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2215 | odai0-4n | [yo][fptk]e4o[dlrsmg] | 408 | 924 | 0.000334 | 0.000085 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2216 | oi4[dlrsmg \| n] | eky | 1124 | 217 | 0.000334 | 0.000173 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2217 | [yo]d[ao]i0-4n | [yo][fptk]e4o[dlrsmg] | 450 | 924 | 0.000334 | 0.000060 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2218 | [yo]ce4y + infixed versions | ol[dtk] | 466 | 842 | 0.000334 | 0.000075 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2219 | dai4n | okar variants | 1140 | 493 | 0.000334 | -0.000037 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2220 | oa | ea | 321 | 1195 | 0.000334 | 0.000081 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2221 | cedai4[lrsm \| n] | opce0-4dy | 527 | 159 | 0.000334 | 0.000279 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2222 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | cse4dy | 1227 | 585 | 0.000334 | -0.000140 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2223 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | c[s \| fptk]e4dy | 1227 | 622 | 0.000334 | -0.000170 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2224 | oc[s \| fptk]e4y | ol[dtk] | 319 | 842 | 0.000334 | 0.000157 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2225 | [yo][fptk]e4or | ai4[dlrsmg \| n] | 127 | 1519 | 0.000334 | 0.000207 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2226 | [fp]c-Initial | ea | 387 | 1195 | 0.000334 | 0.000029 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2227 | [yo]c[s \| fptk]e4y | ol[dtk] | 353 | 842 | 0.000334 | 0.000138 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2228 | oke0-4y | cedai4[lrsm \| n] | 1314 | 527 | 0.000334 | -0.000123 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2229 | ce4ai4n | o[tk]e0-4y | 271 | 2042 | 0.000334 | -0.000031 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2230 | [yo]te4o[dlrsmg] | [dlrsmg \| fptk] + ai4[dlrsmg] | 341 | 1444 | 0.000334 | 0.000009 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2231 | ai4[dlrsmg \| n] | eka | 1519 | 191 | 0.000334 | 0.000142 | 13 | 5 | 8 | 0.000206 | 0.72222 |
| 2232 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | oe0-4s | 3168 | 632 | 0.001130 | -0.000191 | 44 | 17 | 27 | 0.000694 | 0.72131 |
| 2233 | c[s \| fptk]e4dy | oke4dy | 622 | 933 | 0.001593 | 0.001210 | 62 | 24 | 38 | 0.000976 | 0.72093 |
| 2234 | [yo][fptk]e4o[dlrsmg] | o[fptk]ai4n | 924 | 1598 | 0.000796 | -0.000178 | 31 | 12 | 19 | 0.000488 | 0.72093 |
| 2235 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | [fptk]ai4[dlrsmg \| n] | 1227 | 411 | 0.000796 | 0.000464 | 31 | 12 | 19 | 0.000488 | 0.72093 |
| 2236 | l[fptk] Prefixes | a-axis of [yo][fptk][ao][lr] | 514 | 1731 | 0.000796 | 0.000209 | 31 | 12 | 19 | 0.000488 | 0.72093 |
| 2237 | eda | oi4[dlrsmg \| n] | 784 | 1124 | 0.000796 | 0.000215 | 31 | 12 | 19 | 0.000488 | 0.72093 |
| 2238 | cte4[yo] | o-axis of [yo][fptk][ao][lr] | 406 | 764 | 0.000462 | 0.000258 | 18 | 7 | 11 | 0.000283 | 0.72000 |
| 2239 | [dlrsmg]ai4[lr] | cse4y | 875 | 578 | 0.000462 | 0.000129 | 18 | 7 | 11 | 0.000283 | 0.72000 |
| 2240 | oke0-4y | [fptk]e0-4y | 1314 | 161 | 0.000462 | 0.000323 | 18 | 7 | 11 | 0.000283 | 0.72000 |
| 2241 | c[fptk]e4o-initial & c[fptk]e4y Superclass | o[fptk]c + e0-4dy | 1659 | 554 | 0.000462 | -0.000144 | 18 | 7 | 11 | 0.000283 | 0.72000 |
| 2242 | otar variants | [q \| fptk \| dlrsmg] + oi0-4[lr] | 345 | 1819 | 0.000462 | 0.000048 | 18 | 7 | 11 | 0.000283 | 0.72000 |
| 2243 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | otc + e0-4 + y \| dy \| o[dlrs]y | 519 | 493 | 0.000462 | 0.000294 | 18 | 7 | 11 | 0.000283 | 0.72000 |
| 2244 | ote0-4y | lc-initial | 731 | 457 | 0.000462 | 0.000242 | 18 | 7 | 11 | 0.000283 | 0.72000 |
| 2245 | c \| c[s \| fptk] + e4dy | [fptk] + c \| c[s \| fptk] + e4dy | 1395 | 196 | 0.000462 | 0.000282 | 18 | 7 | 11 | 0.000283 | 0.72000 |
| 2246 | [yo][fptk]e4o[dlrsmg] | do | 924 | 383 | 0.000462 | 0.000229 | 18 | 7 | 11 | 0.000283 | 0.72000 |
| 2247 | o-axis of [yo][fptk][ao][lr] | ai4[dlrsmg] | 764 | 930 | 0.000462 | -0.000007 | 18 | 7 | 11 | 0.000283 | 0.72000 |
| 2248 | y + Non-[dlrs] Prefixes | edy | 205 | 4981 | 0.000462 | -0.000212 | 18 | 7 | 11 | 0.000283 | 0.72000 |
| 2249 | cse4dy | oke4dy | 585 | 933 | 0.001516 | 0.001156 | 59 | 23 | 36 | 0.000925 | 0.71951 |
| 2250 | [yo][fptk][ao][lr] | [dlrsmg]ai4[lr] | 2688 | 875 | 0.002107 | 0.000554 | 82 | 32 | 50 | 0.001285 | 0.71930 |
| 2251 | [q \| fptk \| dlrsmg] + oi0-4[lr] | c \| c[s \| fptk] + e4dy | 1819 | 1395 | 0.004470 | 0.002795 | 174 | 68 | 106 | 0.002723 | 0.71901 |
| 2252 | oc[s \| fptk]e4y | o[tk]e0-4y | 319 | 2042 | 0.000591 | 0.000161 | 23 | 9 | 14 | 0.000360 | 0.71875 |
| 2253 | oke0-4y | eda | 1314 | 784 | 0.000591 | -0.000089 | 23 | 9 | 14 | 0.000360 | 0.71875 |
| 2254 | oa | c + c[s \| fptk]e4y | 321 | 1624 | 0.000591 | 0.000247 | 23 | 9 | 14 | 0.000360 | 0.71875 |
| 2255 | [dlrsmg]ai4[lr] | c[s \| fptk]e4dy | 875 | 622 | 0.000719 | 0.000360 | 28 | 11 | 17 | 0.000437 | 0.71795 |
| 2256 | ol[yoa] | y[fptk]-initial | 614 | 1295 | 0.000719 | 0.000195 | 28 | 11 | 17 | 0.000437 | 0.71795 |
| 2257 | oke0-4y | [q \| fptk \| dlrsmg] + oi0-4[lr] | 1314 | 1819 | 0.001567 | -0.000010 | 61 | 24 | 37 | 0.000951 | 0.71765 |
| 2258 | c \| c[s \| fptk] + e4dy | oke0-4y | 1395 | 1314 | 0.002415 | 0.001205 | 94 | 37 | 57 | 0.001464 | 0.71756 |
| 2259 | o[fptk]ai4n | otal variants | 1598 | 333 | 0.000848 | 0.000497 | 33 | 13 | 20 | 0.000514 | 0.71739 |
| 2260 | oke4dy | [yo][fptk][ao][lr] | 933 | 2688 | 0.002081 | 0.000426 | 81 | 32 | 49 | 0.001259 | 0.71681 |
| 2261 | o[fptk]e4dy | [yo][fptk][ao][lr] | 1444 | 2688 | 0.003314 | 0.000752 | 129 | 51 | 78 | 0.002004 | 0.71667 |
| 2262 | ote4dy | [yo][fptk][ao][lr] | 509 | 2688 | 0.001233 | 0.000330 | 48 | 19 | 29 | 0.000745 | 0.71642 |
| 2263 | c \| c[s \| fptk] + e4dy | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 1395 | 1421 | 0.001490 | 0.000182 | 58 | 23 | 35 | 0.000899 | 0.71605 |
| 2264 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | ai4[dlrsmg \| n] | 3168 | 1519 | 0.004984 | 0.001808 | 194 | 77 | 117 | 0.003006 | 0.71587 |
| 2265 | oi4[dlrsmg \| n] | o[lr][yo] | 1124 | 583 | 0.000771 | 0.000338 | 30 | 12 | 18 | 0.000462 | 0.71429 |
| 2266 | o-axis of [yo][fptk][ao][lr] | o[fptk]ai4n | 764 | 1598 | 0.000642 | -0.000164 | 25 | 10 | 15 | 0.000385 | 0.71429 |
| 2267 | okol variants | c \| c[s \| fptk] + e4dy | 285 | 1395 | 0.000642 | 0.000380 | 25 | 10 | 15 | 0.000385 | 0.71429 |
| 2268 | y-initial | okce0-4y | 1926 | 338 | 0.000642 | 0.000213 | 25 | 10 | 15 | 0.000385 | 0.71429 |
| 2269 | [yo][fptk][ao][lr] | o[fptk \| dlrsmg][ao]m | 2688 | 280 | 0.000642 | 0.000146 | 25 | 10 | 15 | 0.000385 | 0.71429 |
| 2270 | [dlrsmg \| fptk] + ai4[dlrsmg] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 1444 | 445 | 0.000642 | 0.000218 | 25 | 10 | 15 | 0.000385 | 0.71429 |
| 2271 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | od endings + odcey relatives | 2060 | 275 | 0.000514 | 0.000140 | 20 | 8 | 12 | 0.000308 | 0.71429 |
| 2272 | o[fptk]c + e0-4or | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 135 | 2246 | 0.000514 | 0.000314 | 20 | 8 | 12 | 0.000308 | 0.71429 |
| 2273 | lc-initial | ea | 457 | 1195 | 0.000514 | 0.000153 | 20 | 8 | 12 | 0.000308 | 0.71429 |
| 2274 | [dlrsmg]e0-4y | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 453 | 809 | 0.000514 | 0.000272 | 20 | 8 | 12 | 0.000308 | 0.71429 |
| 2275 | [yo]tai0-4n | [q \| fptk \| dlrsmg] + oi0-4[lr] | 490 | 1819 | 0.000514 | -0.000074 | 20 | 8 | 12 | 0.000308 | 0.71429 |
| 2276 | olk | l[fptk] Prefixes | 557 | 514 | 0.000514 | 0.000325 | 20 | 8 | 12 | 0.000308 | 0.71429 |
| 2277 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | dai4m | 3168 | 130 | 0.000514 | 0.000242 | 20 | 8 | 12 | 0.000308 | 0.71429 |
| 2278 | edy | okam variants | 4981 | 76 | 0.000514 | 0.000264 | 20 | 8 | 12 | 0.000308 | 0.71429 |
| 2279 | ce4dy | ote4dy | 755 | 509 | 0.000514 | 0.000260 | 20 | 8 | 12 | 0.000308 | 0.71429 |
| 2280 | [yo]c[s \| fptk]e4y | oke0-4y | 353 | 1314 | 0.000514 | 0.000208 | 20 | 8 | 12 | 0.000308 | 0.71429 |
| 2281 | [dlrsmg]ai4[lr] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 875 | 733 | 0.000514 | 0.000090 | 20 | 8 | 12 | 0.000308 | 0.71429 |
| 2282 | [dlrsmg] + ai4r | ai4[dlrsmg \| n] | 190 | 1519 | 0.000514 | 0.000323 | 20 | 8 | 12 | 0.000308 | 0.71429 |
| 2283 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | oc[s \| fptk]e4y | 519 | 319 | 0.000385 | 0.000276 | 15 | 6 | 9 | 0.000231 | 0.71429 |
| 2284 | dai4n | [yo]tai0-4n | 1140 | 490 | 0.000385 | 0.000017 | 15 | 6 | 9 | 0.000231 | 0.71429 |
| 2285 | ce4a | [yo]ce4y + infixed versions | 1009 | 466 | 0.000385 | 0.000075 | 15 | 6 | 9 | 0.000231 | 0.71429 |
| 2286 | cedai4[lrsm \| n] | cse4dy | 527 | 585 | 0.000385 | 0.000182 | 15 | 6 | 9 | 0.000231 | 0.71429 |
| 2287 | [dlrsmg]ai4[lr] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 875 | 519 | 0.000385 | 0.000086 | 15 | 6 | 9 | 0.000231 | 0.71429 |
| 2288 | [fptk]ai4[lr] | c \| c[s \| fptk] + e4dy | 190 | 1395 | 0.000385 | 0.000210 | 15 | 6 | 9 | 0.000231 | 0.71429 |
| 2289 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | y[fptk]-initial | 503 | 1295 | 0.000385 | -0.000045 | 15 | 6 | 9 | 0.000231 | 0.71429 |
| 2290 | ce4dy | [dlrsmg \| fptk]e0-4y | 755 | 735 | 0.000385 | 0.000019 | 15 | 6 | 9 | 0.000231 | 0.71429 |
| 2291 | oe sans oy + oe4y, oe0-4s | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 317 | 1421 | 0.000385 | 0.000088 | 15 | 6 | 9 | 0.000231 | 0.71429 |
| 2292 | oke0-4y | [yo]ke4ol | 1314 | 223 | 0.000385 | 0.000192 | 15 | 6 | 9 | 0.000231 | 0.71429 |
| 2293 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | [yo][fptk][ao][lr] | 230 | 2688 | 0.000385 | -0.000023 | 15 | 6 | 9 | 0.000231 | 0.71429 |
| 2294 | [yo][fptk]e4o[dlrsmg] | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 924 | 809 | 0.000385 | -0.000108 | 15 | 6 | 9 | 0.000231 | 0.71429 |
| 2295 | [yo]ke4o[dlrsmg] | [q \| fptk \| dlrsmg] + oi0-4[lr] | 584 | 1819 | 0.000385 | -0.000316 | 15 | 6 | 9 | 0.000231 | 0.71429 |
| 2296 | [yo]ke4o[dlrsmg] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 584 | 503 | 0.000385 | 0.000191 | 15 | 6 | 9 | 0.000231 | 0.71429 |
| 2297 | o[lr]y | dai4n | 318 | 1140 | 0.000385 | 0.000146 | 15 | 6 | 9 | 0.000231 | 0.71429 |
| 2298 | c + c[s \| fptk]e4y | od endings + odcey relatives | 1624 | 275 | 0.000385 | 0.000091 | 15 | 6 | 9 | 0.000231 | 0.71429 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2299 | c[s \| fptk]e4y | otc + e0-4 + y \| dy \| o[dlrs]y | 887 | 493 | 0.000385 | 0.000097 | 15 | 6 | 9 | 0.000231 | 0.71429 |
| 2300 | or[yoa] | o[lr][yo] | 438 | 583 | 0.000385 | 0.000217 | 15 | 6 | 9 | 0.000231 | 0.71429 |
| 2301 | [q \| fptk \| dlrsmg] + oi0-4[lr] | [fptk]e0-4y | 1819 | 161 | 0.000385 | 0.000192 | 15 | 6 | 9 | 0.000231 | 0.71429 |
| 2302 | oi4n Superset | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 257 | 733 | 0.000385 | 0.000261 | 15 | 6 | 9 | 0.000231 | 0.71429 |
| 2303 | [tk]e4dy | eda | 309 | 784 | 0.000257 | 0.000097 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2304 | sai4n | [yo][fptk]e4o[dlrsmg] | 258 | 924 | 0.000257 | 0.000100 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2305 | do | ai4[dlrsmg \| n] | 383 | 1519 | 0.000257 | -0.000127 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2306 | [yo]ke4or | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 96 | 2060 | 0.000257 | 0.000126 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2307 | [yo]ke4or | c + c[s \| fptk]e4y | 96 | 1624 | 0.000257 | 0.000154 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2308 | cedai4[lrsm \| n] | o[lr]a | 527 | 469 | 0.000257 | 0.000094 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2309 | ek[yoa] | okal variants | 446 | 544 | 0.000257 | 0.000097 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2310 | [dlrsmg \| fptk] + ai4[dlrsmg] | od[ao]i0-4r | 1444 | 215 | 0.000257 | 0.000052 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2311 | c + e4dy | [yo]ke4od | 3053 | 207 | 0.000257 | -0.000160 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2312 | [yo][fptk\| dlrsmg] + c \| cs + e4o | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 113 | 2060 | 0.000257 | 0.000103 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2313 | or[yoa] | Single-Letter Words | 438 | 566 | 0.000257 | 0.000093 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2314 | yodai0-4n | cse4y | 448 | 578 | 0.000257 | 0.000086 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2315 | edy | ceam variants | 4981 | 76 | 0.000257 | 0.000007 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2316 | o[lr]a | cse4y | 469 | 578 | 0.000257 | 0.000078 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2317 | c \| c[s \| fptk] + e4dy | te4dy | 1395 | 91 | 0.000257 | 0.000173 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2318 | tc-initial | okc + e0-4 + y \| dy \| o[dlrs]y | 345 | 563 | 0.000257 | 0.000129 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2319 | o[lr][oa] | ek[yoa] | 735 | 446 | 0.000257 | 0.000041 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2320 | ol[yoa] | olk | 614 | 557 | 0.000257 | 0.000031 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2321 | Detached Class Modifiers | y-initial | 95 | 1926 | 0.000257 | 0.000136 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2322 | o[fptk]c + e0-4dy | otai0-4n | 554 | 430 | 0.000257 | 0.000100 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2323 | ed[yoa] | opol variants | 5851 | 25 | 0.000257 | 0.000160 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2324 | dai4n | ai4l | 1140 | 306 | 0.000257 | 0.000027 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2325 | dai4n | cse4dy | 1140 | 585 | 0.000257 | -0.000183 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2326 | c + c[s \| fptk]e4y | [yo]te4o[lr] | 1624 | 130 | 0.000257 | 0.000118 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2327 | c \| c[s \| fptk] + e4dy | oe sans oy + oe4y, oe0-4s | 1395 | 317 | 0.000257 | -0.000035 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2328 | ol[yoa] | dc-initial | 614 | 454 | 0.000257 | 0.000073 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2329 | a-axis of [yo][fptk][ao][lr] | od[ao]i0-4r | 1731 | 215 | 0.000257 | 0.000011 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2330 | otc + e4or | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 58 | 2246 | 0.000257 | 0.000171 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2331 | o[lr]y | oke0-4y | 318 | 1314 | 0.000257 | -0.000019 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2332 | ol[dtk] | [yo]ke4ol | 842 | 223 | 0.000257 | 0.000133 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2333 | y-initial | eka | 1926 | 191 | 0.000257 | 0.000014 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2334 | cse4y | kc-initial | 578 | 322 | 0.000257 | 0.000134 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2335 | cse4y | ol[yo] | 578 | 388 | 0.000257 | 0.000109 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2336 | [yo]c + e4o Superclass | [yo]ke4o[dlrsmg] | 345 | 584 | 0.000257 | 0.000124 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2337 | o[lr]y | okc + e0-4 + y \| dy \| o[dlrs]y | 318 | 563 | 0.000257 | 0.000139 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2338 | o[fptk][ao]d | oda | 185 | 847 | 0.000257 | 0.000153 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2339 | o[fptk]c + e0-4y | o[fptk \| dlrsmg][ao]m | 753 | 280 | 0.000257 | 0.000118 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2340 | [dlrsmg \| fptk]e0-4y | otar variants | 735 | 345 | 0.000257 | 0.000090 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2341 | [dlrsmg \| fptk]e0-4y | oi | 735 | 304 | 0.000257 | 0.000109 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2342 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | [yo]te4o[lr] | 2060 | 130 | 0.000257 | 0.000080 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2343 | oc[fptk]e4y | okal variants | 289 | 544 | 0.000257 | 0.000153 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2344 | [yo]d[ao]i0-4[lr] | oi4[dlrsmg \| n] | 393 | 1124 | 0.000257 | -0.000035 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2345 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | c \| cs + e0-4l | 3168 | 64 | 0.000257 | 0.000123 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2346 | [fptk][dlrs] Prefixes | ed[yoa] | 34 | 5851 | 0.000257 | 0.000126 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2347 | o[fptk][ao]d | yodai0-4[lrm \| n] | 185 | 832 | 0.000257 | 0.000155 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2348 | o[fptk][ao]d | odai0-4[lrm \| n] | 185 | 767 | 0.000257 | 0.000163 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2349 | o[lr]y | [tk]c-Initial | 318 | 667 | 0.000257 | 0.000117 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2350 | dc-initial | c[fptk]e4y | 454 | 310 | 0.000257 | 0.000164 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2351 | [yo]te4o[dlrsmg] | [dlrsmg] + ai4[lr] + y-suffix | 341 | 1035 | 0.000257 | 0.000024 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2352 | pc-initial | y-initial | 307 | 1926 | 0.000257 | -0.000133 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2353 | [yo][fptk]e4od | o[lr][oa] | 355 | 735 | 0.000257 | 0.000085 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2354 | ai4n | yodai0-4n | 589 | 448 | 0.000257 | 0.000083 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2355 | ai4n | [yo]d[ao]i0-4n | 589 | 450 | 0.000257 | 0.000082 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2356 | cteo-initial | c[s \| fptk]e4y | 220 | 887 | 0.000257 | 0.000128 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2357 | odai0-4[lrm \| n] | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 767 | 623 | 0.000257 | -0.000058 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2358 | okc + e0-4 + y \| dy \| o[dlrs]y | do | 563 | 383 | 0.000257 | 0.000115 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2359 | od endings | okc + e0-4 + y \| dy \| o[dlrs]y | 243 | 563 | 0.000257 | 0.000167 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2360 | [fp]c-Initial | ote0-4y | 387 | 731 | 0.000257 | 0.000070 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2361 | [dlrsmg \| fptk]e0-4y | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 735 | 519 | 0.000257 | 0.000005 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2362 | l[fptk] Prefixes | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 514 | 809 | 0.000257 | -0.000018 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2363 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | dai4m | 1227 | 130 | 0.000257 | 0.000152 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2364 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | sai4n | 1227 | 258 | 0.000257 | 0.000048 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2365 | c[fptk]e4y | otc + e0-4 + y \| dy \| o[dlrs]y | 310 | 493 | 0.000257 | 0.000156 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2366 | cean variants | c[s \| fptk]e4y | 255 | 887 | 0.000257 | 0.000108 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2367 | cte4y | o[tk]e0-4y | 186 | 2042 | 0.000257 | 0.000006 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2368 | opc + e0-4 + y \| dy \| o[dlrs]y | [dlrsmg \| fptk]e0-4y | 302 | 735 | 0.000257 | 0.000110 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2369 | kc-initial | [dlrsmg \| fptk]e0-4y | 322 | 735 | 0.000257 | 0.000101 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2370 | c + e4 + [fptk] Endings | c + e4dy | 60 | 3053 | 0.000257 | 0.000136 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2371 | ai4r | ote0-4y | 483 | 731 | 0.000257 | 0.000024 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2372 | otol variants | [yo]d[ao]i0-4[lrm \| n] | 239 | 880 | 0.000257 | 0.000118 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2373 | otol variants | ote0-4y | 239 | 731 | 0.000257 | 0.000142 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2374 | otol variants | oda | 239 | 847 | 0.000257 | 0.000123 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2375 | otol variants | yodai0-4[lrm \| n] | 239 | 832 | 0.000257 | 0.000126 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2376 | c[fptk]e4o-initial & c[fptk]e4y Superclass | [yo]te4od | 1659 | 149 | 0.000257 | 0.000094 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2377 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | ceal verbs | 1227 | 230 | 0.000257 | 0.000071 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2378 | o[fptk \| dlrsmg][ao]m | oe0-4s | 280 | 632 | 0.000257 | 0.000140 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2379 | [yo]d[ao]i0-4n | cse4y | 450 | 578 | 0.000257 | 0.000085 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2380 | od[ao]i0-4[lrm \| n] | [yo][fp][yoa] | 813 | 339 | 0.000257 | 0.000075 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2381 | ai4[lr] | [dlrsmg]e0-4y | 782 | 453 | 0.000257 | 0.000023 | 10 | 4 | 6 | 0.000154 | 0.71429 |
| 2382 | ce4y | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 737 | 2060 | 0.001336 | 0.000334 | 52 | 21 | 31 | 0.000796 | 0.71233 |
| 2383 | c[fptk]e4o-initial & c[fptk]e4y Superclass | ote0-4y | 1659 | 731 | 0.000951 | 0.000150 | 37 | 15 | 22 | 0.000565 | 0.71154 |
| 2384 | oe0-4s | ai4[lr] | 632 | 782 | 0.000951 | 0.000624 | 37 | 15 | 22 | 0.000565 | 0.71154 |
| 2385 | o[fptk]c + e0-4dy | [yo][fptk][ao][lr] | 554 | 2688 | 0.001773 | 0.000790 | 69 | 28 | 41 | 0.001053 | 0.71134 |
| 2386 | [yo][fptk][ao][lr] | ai4[dlrsmg] | 2688 | 930 | 0.002775 | 0.001125 | 108 | 44 | 64 | 0.001644 | 0.71053 |
| 2387 | [dlrsmg]ai4[lr] | cse4dy | 875 | 585 | 0.000694 | 0.000356 | 27 | 11 | 16 | 0.000411 | 0.71053 |
| 2388 | c[fptk]e4o-initial & c[fptk]e4y Superclass | l[fptk] Prefixes | 1659 | 514 | 0.000694 | 0.000131 | 27 | 11 | 16 | 0.000411 | 0.71053 |
| 2389 | a-axis of [yo][fptk][ao][lr] | ai4r | 1731 | 483 | 0.001259 | 0.000707 | 49 | 20 | 29 | 0.000745 | 0.71014 |
| 2390 | oi4[dlrsmg \| n] | ce4y | 1124 | 737 | 0.001130 | 0.000584 | 44 | 18 | 26 | 0.000668 | 0.70968 |
| 2391 | oi4[dlrsmg \| n] | ai4l | 1124 | 306 | 0.000565 | 0.000338 | 22 | 9 | 13 | 0.000334 | 0.70968 |
| 2392 | odai0-4[lrm \| n] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 767 | 503 | 0.000565 | 0.000311 | 22 | 9 | 13 | 0.000334 | 0.70968 |
| 2393 | olcey relative | oke4dy | 277 | 933 | 0.000565 | 0.000395 | 22 | 9 | 13 | 0.000334 | 0.70968 |
| 2394 | cear verbs | ai4[dlrsmg] | 303 | 930 | 0.000565 | 0.000379 | 22 | 9 | 13 | 0.000334 | 0.70968 |
| 2395 | c + c[s \| fptk]e4y | [dlrsmg]e0-4y | 1624 | 453 | 0.000565 | 0.000080 | 22 | 9 | 13 | 0.000334 | 0.70968 |
| 2396 | [dlrsmg \| fptk] + ai4n | oe0-4s | 1724 | 632 | 0.000565 | -0.000154 | 22 | 9 | 13 | 0.000334 | 0.70968 |
| 2397 | dai4n | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 1140 | 445 | 0.000565 | 0.000230 | 22 | 9 | 13 | 0.000334 | 0.70968 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2398 | [yo][fp][yoa] | ai4[dlrsmg \| n] | 339 | 1519 | 0.000565 | 0.000225 | 22 | 9 | 13 | 0.000334 | 0.70968 |
| 2399 | [fptk] + c \| c[s \| fptk] + e4dy | [yo][fptk][ao][lr] | 196 | 2688 | 0.000565 | 0.000217 | 22 | 9 | 13 | 0.000334 | 0.70968 |
| 2400 | c \| c[fptk] + e4o | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 228 | 2060 | 0.000565 | 0.000255 | 22 | 9 | 13 | 0.000334 | 0.70968 |
| 2401 | [dlrsmg \| fptk] + ai4[dlrsmg] | dc-initial | 1444 | 454 | 0.000565 | 0.000133 | 22 | 9 | 13 | 0.000334 | 0.70968 |
| 2402 | yodai0-4n | y-initial | 448 | 1926 | 0.000873 | 0.000304 | 34 | 14 | 20 | 0.000514 | 0.70833 |
| 2403 | c \| c[s \| fptk] + e4dy | lc-initial | 1395 | 457 | 0.000873 | 0.000453 | 34 | 14 | 20 | 0.000514 | 0.70833 |
| 2404 | [yo]d[ao]i0-4n | y-initial | 450 | 1926 | 0.000873 | 0.000301 | 34 | 14 | 20 | 0.000514 | 0.70833 |
| 2405 | [yo]te4o[dlrsmg] | ai4[dlrsmg \| n] | 341 | 1519 | 0.000873 | 0.000532 | 34 | 14 | 20 | 0.000514 | 0.70833 |
| 2406 | cear variants | ai4n | 365 | 589 | 0.000437 | 0.000295 | 17 | 7 | 10 | 0.000257 | 0.70833 |
| 2407 | oda | cse4y | 847 | 578 | 0.000437 | 0.000114 | 17 | 7 | 10 | 0.000257 | 0.70833 |
| 2408 | a[lr][ao][lr] | c + c[s \| fptk]e4y | 391 | 1624 | 0.000437 | 0.000018 | 17 | 7 | 10 | 0.000257 | 0.70833 |
| 2409 | otal variants | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 333 | 2246 | 0.000437 | -0.000057 | 17 | 7 | 10 | 0.000257 | 0.70833 |
| 2410 | otal variants | cse4dy | 333 | 585 | 0.000437 | 0.000308 | 17 | 7 | 10 | 0.000257 | 0.70833 |
| 2411 | otal variants | c[s \| fptk]e4dy | 333 | 622 | 0.000437 | 0.000300 | 17 | 7 | 10 | 0.000257 | 0.70833 |
| 2412 | opce0-4dy | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 159 | 3168 | 0.000437 | 0.000104 | 17 | 7 | 10 | 0.000257 | 0.70833 |
| 2413 | [yo]ke4o[dlrsmg] | ce4y | 584 | 737 | 0.000437 | 0.000153 | 17 | 7 | 10 | 0.000257 | 0.70833 |
| 2414 | o[lr][oa] | ce4y | 735 | 737 | 0.000437 | 0.000079 | 17 | 7 | 10 | 0.000257 | 0.70833 |
| 2415 | oc[s \| fptk]e4y | oke0-4y | 319 | 1314 | 0.000437 | 0.000160 | 17 | 7 | 10 | 0.000257 | 0.70833 |
| 2416 | [yo]tai0-4n | oi4[dlrsmg \| n] | 490 | 1124 | 0.000437 | 0.000073 | 17 | 7 | 10 | 0.000257 | 0.70833 |
| 2417 | o[fptk]ai4n | et[yoa] | 1598 | 186 | 0.000437 | 0.000241 | 17 | 7 | 10 | 0.000257 | 0.70833 |
| 2418 | oi | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 304 | 733 | 0.000437 | 0.000290 | 17 | 7 | 10 | 0.000257 | 0.70833 |
| 2419 | o[fptk]e4dy | a-axis of [yo][fptk][ao][lr] | 1444 | 1731 | 0.002492 | 0.000842 | 97 | 40 | 57 | 0.001464 | 0.70803 |
| 2420 | a-axis of [yo][fptk][ao][lr] | ai4[dlrsmg] | 1731 | 930 | 0.002055 | 0.000993 | 80 | 33 | 47 | 0.001207 | 0.70796 |
| 2421 | a-axis of [yo][fptk][ao][lr] | [q \| fptk \| dlrsmg] + oi0-4[lr] | 1731 | 1819 | 0.002055 | -0.000023 | 80 | 33 | 47 | 0.001207 | 0.70796 |
| 2422 | [yo][fptk][ao][lr] | oi4[dlrsmg \| n] | 2688 | 1124 | 0.002235 | 0.000241 | 87 | 36 | 51 | 0.001310 | 0.70732 |
| 2423 | od[ao]i0-4n | y-initial | 410 | 1926 | 0.000745 | 0.000224 | 29 | 12 | 17 | 0.000437 | 0.70732 |
| 2424 | odai0-4n | y-initial | 408 | 1926 | 0.000745 | 0.000226 | 29 | 12 | 17 | 0.000437 | 0.70732 |
| 2425 | o[lr]y | y-initial | 318 | 1926 | 0.000745 | 0.000341 | 29 | 12 | 17 | 0.000437 | 0.70732 |
| 2426 | c + c[s \| fptk]e4y | [fptk]ai4n | 1624 | 191 | 0.000745 | 0.000540 | 29 | 12 | 17 | 0.000437 | 0.70732 |
| 2427 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | c + c[s \| fptk]e4y | 733 | 1624 | 0.001798 | 0.001013 | 70 | 29 | 41 | 0.001053 | 0.70707 |
| 2428 | oi4[dlrsmg \| n] | edy | 1124 | 4981 | 0.003828 | 0.000133 | 149 | 62 | 87 | 0.002235 | 0.70616 |
| 2429 | ote0-4y | [dlrsmg \| fptk]e0-4y | 731 | 735 | 0.000925 | 0.000570 | 36 | 15 | 21 | 0.000540 | 0.70588 |
| 2430 | [tk]c-Initial | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 667 | 733 | 0.000617 | 0.000294 | 24 | 10 | 14 | 0.000360 | 0.70588 |
| 2431 | ce4y | lk-initial | 737 | 454 | 0.000617 | 0.000396 | 24 | 10 | 14 | 0.000360 | 0.70588 |
| 2432 | ce4y | l[fptk] Prefixes | 737 | 514 | 0.000617 | 0.000367 | 24 | 10 | 14 | 0.000360 | 0.70588 |
| 2433 | edo | c + e4dy | 90 | 3053 | 0.000617 | 0.000435 | 24 | 10 | 14 | 0.000360 | 0.70588 |
| 2434 | dai4n | c[s \| fptk]e4dy | 1140 | 622 | 0.000308 | -0.000160 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2435 | o[fptk]c + e0-4dy | [dlrsmg \| fptk]e0-4y | 554 | 735 | 0.000308 | 0.000040 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2436 | yodai0-4[lrm \| n] | okc + e0-4 + y \| dy \| o[dlrs]y | 832 | 563 | 0.000308 | -0.000001 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2437 | ol[yo] | okal variants | 388 | 544 | 0.000308 | 0.000169 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2438 | ece Noun | o[tk]e0-4y | 142 | 2042 | 0.000308 | 0.000117 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2439 | [dlrsmg]e0-4y | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 453 | 733 | 0.000308 | 0.000089 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2440 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | [ao][lr][ao][lr] Pipe/Flow | 623 | 843 | 0.000308 | -0.000038 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2441 | od[ao]i0-4l | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 154 | 3168 | 0.000308 | -0.000014 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2442 | c + e4dy | [yo][fptk]e4d | 3053 | 60 | 0.000308 | 0.000187 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2443 | [fptk]ai4[dlrsmg \| n] | [yo]dy endings | 411 | 1228 | 0.000308 | -0.000025 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2444 | [yo]d[ao]i0-4r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 228 | 2060 | 0.000308 | -0.000002 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2445 | oe | [yo]kai0-4n | 463 | 1067 | 0.000308 | -0.000018 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2446 | [yo][fptk]e4o[dlrsmg] | l[fptk] Prefixes | 924 | 514 | 0.000308 | -0.000005 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2447 | c \| c[s \| fptk] + e4dy | tc-initial | 1395 | 345 | 0.000308 | -0.000009 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2448 | ea | [yo]te4o[dlrsmg] | 1195 | 341 | 0.000308 | 0.000039 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2449 | yodai0-4r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 205 | 2060 | 0.000308 | 0.000030 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2450 | [yo]d[ao]i0-4[lrm \| n] | okc + e0-4 + y \| dy \| o[dlrs]y | 880 | 563 | 0.000308 | -0.000019 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2451 | ce0-4s | ai4[dlrsmg] | 165 | 930 | 0.000308 | 0.000207 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2452 | ce0-4s | ai4[lr] | 165 | 782 | 0.000308 | 0.000223 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2453 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | o[fptk]c + e0-4dy | 623 | 554 | 0.000308 | 0.000080 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2454 | o[fptk]e4dy | om + o[fptk \| dlrsmg]am | 1444 | 454 | 0.000308 | -0.000124 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2455 | [yo][fptk]e4o[dlrsmg] | [yo]te4o[lr] | 924 | 130 | 0.000308 | 0.000229 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2456 | [dlrsmg]ai4[lr] | od[ao]i0-4[lr] | 875 | 369 | 0.000308 | 0.000095 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2457 | [yo]te4od | y[fptk]-initial | 149 | 1295 | 0.000308 | 0.000181 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2458 | [yo]te4o[dlrsmg] | [ao][lr][ao][lr] Pipe/Flow | 341 | 843 | 0.000308 | 0.000119 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2459 | ai4[dlrsmg] | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 930 | 1421 | 0.000308 | -0.000564 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2460 | o-axis of [yo][fptk][ao][lr] | oi | 764 | 304 | 0.000308 | 0.000155 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2461 | otce0-4y | ote0-4y | 281 | 731 | 0.000308 | 0.000173 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2462 | c \| cs + e0-4s | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 188 | 2060 | 0.000308 | 0.000053 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2463 | odai0-4r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 193 | 2060 | 0.000308 | 0.000046 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2464 | ol[yo] | [dlrsmg]ai4[lr] | 388 | 875 | 0.000308 | 0.000084 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2465 | Single-Letter Words | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 566 | 733 | 0.000308 | 0.000034 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2466 | od[ao]i0-4r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 215 | 2060 | 0.000308 | 0.000016 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2467 | [dlrsmg \| fptk] + ai4n | [dlrsmg]ai4m | 1724 | 149 | 0.000308 | 0.000139 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2468 | [dlrsmg] + ai4r | c \| c[s \| fptk] + e4dy | 190 | 1395 | 0.000308 | 0.000133 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2469 | oy + oe4y | c[s \| fptk]e4y | 207 | 887 | 0.000308 | 0.000187 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2470 | okai0-4n | otar variants | 994 | 345 | 0.000308 | 0.000082 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2471 | ai4[lr] | ote0-4y | 782 | 731 | 0.000308 | -0.000069 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2472 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | cear verbs | 809 | 303 | 0.000308 | 0.000147 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2473 | [tk]c-Initial | cte4[yo] | 667 | 406 | 0.000308 | 0.000130 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2474 | [fp]c-Initial | eda | 387 | 784 | 0.000308 | 0.000108 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2475 | [yo]kai0-4n | otar variants | 1067 | 345 | 0.000308 | 0.000065 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2476 | [yo]te4od | [yo][fptk][ao][lr] | 149 | 2688 | 0.000308 | 0.000044 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2477 | od[ao]i0-4n | o[fptk]c + e0-4y | 410 | 753 | 0.000308 | 0.000105 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2478 | odai0-4n | o[fptk]c + e0-4y | 408 | 753 | 0.000308 | 0.000106 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2479 | [fp]c-Initial | o[lr][yoa] | 387 | 1044 | 0.000308 | 0.000042 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2480 | ce4dy | [tk]c-Initial | 755 | 667 | 0.000308 | -0.000024 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2481 | okce0-4y | a-axis of [yo][fptk][ao][lr] | 338 | 1731 | 0.000308 | -0.000078 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2482 | odai0-4[lrm \| n] | okc + e0-4 + y \| dy \| o[dlrs]y | 767 | 563 | 0.000308 | 0.000023 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2483 | ai4n | ai4l | 589 | 306 | 0.000308 | 0.000189 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2484 | c[fptk]e4y | o-axis of [yo][fptk][ao][lr] | 310 | 764 | 0.000308 | 0.000152 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2485 | [sr]c-Initial | [dlrsmg \| fptk] + ai4[dlrsmg] | 179 | 1444 | 0.000308 | 0.000138 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2486 | om + o[fptk \| dlrsmg]am | so | 454 | 378 | 0.000308 | 0.000195 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2487 | lk-initial | okar variants | 454 | 493 | 0.000308 | 0.000161 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2488 | od[ao]i0-4[lrm \| n] | okc + e0-4 + y \| dy \| o[dlrs]y | 813 | 563 | 0.000308 | 0.000006 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2489 | okal variants | ce4y | 544 | 737 | 0.000308 | 0.000044 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2490 | do | [yo]d[ao]i0-4[lrm \| n] | 383 | 880 | 0.000308 | 0.000086 | 12 | 5 | 7 | 0.000180 | 0.70588 |
| 2491 | o[tk]e0-4y | [q \| fptk \| dlrsmg] + oi0-4[lr] | 2042 | 1819 | 0.002209 | -0.000242 | 86 | 36 | 50 | 0.001285 | 0.70492 |
| 2492 | c[s \| fptk]e4y | oke0-4y | 887 | 1314 | 0.001285 | 0.000515 | 50 | 21 | 29 | 0.000745 | 0.70423 |
| 2493 | okal variants | [dlrsmg \| fptk] + ai4[dlrsmg] | 544 | 1444 | 0.000976 | 0.000458 | 38 | 16 | 22 | 0.000565 | 0.70370 |
| 2494 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | okal variants | 1421 | 544 | 0.000488 | -0.000022 | 19 | 8 | 11 | 0.000283 | 0.70370 |
| 2495 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | od endings | 2060 | 243 | 0.000488 | 0.000158 | 19 | 8 | 11 | 0.000283 | 0.70370 |
| 2496 | [tk]c-Initial | ce4a | 667 | 1009 | 0.000488 | 0.000044 | 19 | 8 | 11 | 0.000283 | 0.70370 |
| 2497 | ai4[lr] | Single-Letter Words | 782 | 566 | 0.000488 | 0.000196 | 19 | 8 | 11 | 0.000283 | 0.70370 |
| 2498 | otar variants | ai4r | 345 | 483 | 0.000488 | 0.000378 | 19 | 8 | 11 | 0.000283 | 0.70370 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2499 | oke0-4y | [dlrsmg]e0-4y | 1314 | 453 | 0.000488 | 0.000095 | 19 | 8 | 11 | 0.000283 | 0.70370 |
| 2500 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | lc-initial | 2060 | 457 | 0.001156 | 0.000535 | 45 | 19 | 26 | 0.000668 | 0.70313 |
| 2501 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 3168 | 445 | 0.001336 | 0.000405 | 52 | 22 | 30 | 0.000771 | 0.70270 |
| 2502 | lk-initial | a-axis of [yo][fptk][ao][lr] | 454 | 1731 | 0.000668 | 0.000149 | 26 | 11 | 15 | 0.000385 | 0.70270 |
| 2503 | od[ao]i0-4[lrm \| n] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 813 | 503 | 0.000668 | 0.000398 | 26 | 11 | 15 | 0.000385 | 0.70270 |
| 2504 | [tk]e4o | ed[yoa] | 206 | 5851 | 0.000668 | -0.000128 | 26 | 11 | 15 | 0.000385 | 0.70270 |
| 2505 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | [dlrsmg \| fptk]e0-4y | 1227 | 735 | 0.000848 | 0.000253 | 33 | 14 | 19 | 0.000488 | 0.70213 |
| 2506 | [dlrsmg \| fptk]e0-4y | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 735 | 809 | 0.000848 | 0.000455 | 33 | 14 | 19 | 0.000488 | 0.70213 |
| 2507 | oke0-4y | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 1314 | 809 | 0.001028 | 0.000326 | 40 | 17 | 23 | 0.000591 | 0.70175 |
| 2508 | o[tk]e0-4y | [dlrsmg]e0-4y | 2042 | 453 | 0.001028 | 0.000417 | 40 | 17 | 23 | 0.000591 | 0.70175 |
| 2509 | [q \| fptk \| dlrsmg] + oi0-4[lr] | ai4[dlrsmg \| n] | 1819 | 1519 | 0.004650 | 0.002826 | 181 | 77 | 104 | 0.002672 | 0.70155 |
| 2510 | okar variants | ai4[dlrsmg \| n] | 493 | 1519 | 0.001207 | 0.000713 | 47 | 20 | 27 | 0.000694 | 0.70149 |
| 2511 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | kc-initial | 2060 | 322 | 0.001207 | 0.000770 | 47 | 20 | 27 | 0.000694 | 0.70149 |
| 2512 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | ai4[dlrsmg] | 3168 | 930 | 0.003494 | 0.001549 | 136 | 58 | 78 | 0.002004 | 0.70103 |
| 2513 | o[fptk]ai4n | oi4[dlrsmg \| n] | 1598 | 1124 | 0.001747 | 0.000561 | 68 | 29 | 39 | 0.001002 | 0.70103 |

Table 25.8: Leading Adjacency Prohibitions in Herbal → Balneological Category Order

| # | Category 1 | Category 2 | Word Count 1 | Word Count 2 | Expected Count | Expected Probability |
|---|---|---|---|---|---|---|
| 1 | c[fptk]e4y | c \| c[s \| fptk] + e4dy | 310 | 1395 | 11.110 | 0.000285 |
| 2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | dairol/soral relatives | 2246 | 190 | 10.963 | 0.000282 |
| 3 | otc + e4ol | ed[yoa] | 66 | 5851 | 9.921 | 0.000255 |
| 4 | cte4[yo] | oke4dy | 406 | 933 | 9.732 | 0.000250 |
| 5 | dai4n | [tk]e4dy | 1140 | 309 | 9.050 | 0.000233 |
| 6 | otc + e4or | ed[yoa] | 58 | 5851 | 8.718 | 0.000224 |
| 7 | c \| c[fptk] + e4o | o[fptk]e4dy | 228 | 1444 | 8.458 | 0.000217 |
| 8 | otc + e4ol | edy | 66 | 4981 | 8.446 | 0.000217 |
| 9 | cteo-initial | o[fptk]e4dy | 220 | 1444 | 8.162 | 0.000210 |
| 10 | Single-Letter Words | okal variants | 566 | 544 | 7.910 | 0.000203 |
| 11 | c \| c[fptk] + e4o | oke0-4y | 228 | 1314 | 7.697 | 0.000198 |
| 12 | cke4[yo] | a-axis of [yo][fptk][ao][lr] | 172 | 1731 | 7.649 | 0.000197 |
| 13 | cean verbs | c \| c[s \| fptk] + e4dy | 213 | 1395 | 7.634 | 0.000196 |
| 14 | cse4o | [dlrsmg \| fptk] + ai4[dlrsmg] | 205 | 1444 | 7.605 | 0.000195 |
| 15 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | cse4dy | 503 | 585 | 7.560 | 0.000194 |
| 16 | om | o[fptk]e4dy | 203 | 1444 | 7.531 | 0.000193 |
| 17 | c[fptk]e4y | oke4dy | 310 | 933 | 7.431 | 0.000191 |
| 18 | otc + e4or | edy | 58 | 4981 | 7.422 | 0.000191 |
| 19 | Single-Letter Words | ote4dy | 566 | 509 | 7.401 | 0.000190 |
| 20 | odo | edy | 57 | 4981 | 7.294 | 0.000187 |
| 21 | [yo]d[ao]i0-4[lrm \| n] | [tk]e4dy | 880 | 309 | 6.986 | 0.000179 |
| 22 | oda | [tk]e4dy | 847 | 309 | 6.724 | 0.000173 |
| 23 | [yo]c + e4o Superclass | ce4dy | 345 | 755 | 6.692 | 0.000172 |
| 24 | cte4y | c \| c[s \| fptk] + e4dy | 186 | 1395 | 6.666 | 0.000171 |
| 25 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | o[lr][yo] | 445 | 583 | 6.665 | 0.000171 |
| 26 | yodai0-4[lrm \| n] | [tk]e4dy | 832 | 309 | 6.605 | 0.000170 |
| 27 | cte4[yo] | c[s \| fptk]e4dy | 406 | 622 | 6.488 | 0.000167 |
| 28 | od[ao]i0-4[lrm \| n] | [tk]e4dy | 813 | 309 | 6.454 | 0.000166 |
| 29 | cke4[yo] | o[fptk]e4dy | 172 | 1444 | 6.381 | 0.000164 |
| 30 | dai4n | ke4dy | 1140 | 217 | 6.355 | 0.000163 |
| 31 | [yo]dy endings | or[yo] | 1228 | 200 | 6.310 | 0.000162 |
| 32 | [yo]ce4y + s infixes | c \| c[s \| fptk] + e4dy | 172 | 1395 | 6.164 | 0.000158 |
| 33 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | [dlrsmg] + c \| c[s \| fptk] + e4dy | 733 | 327 | 6.158 | 0.000158 |
| 34 | [yo]doi0-4[lrm \| n] | edy | 48 | 4981 | 6.142 | 0.000158 |
| 35 | cte4[yo] | cse4dy | 406 | 585 | 6.102 | 0.000157 |
| 36 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | lc-initial | 519 | 457 | 6.093 | 0.000157 |
| 37 | odai0-4[lrm \| n] | [tk]e4dy | 767 | 309 | 6.089 | 0.000156 |
| 38 | otce0-4y | ol[dtk] | 281 | 842 | 6.079 | 0.000156 |
| 39 | c[fptk]e4y | ce4dy | 310 | 755 | 6.013 | 0.000154 |
| 40 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | dairol/soral relatives | 1227 | 190 | 5.989 | 0.000154 |
| 41 | ce4o | o[fptk]e4dy | 160 | 1444 | 5.936 | 0.000152 |
| 42 | otor variants | o[tk]e0-4y | 113 | 2042 | 5.928 | 0.000152 |
| 43 | oi | ce4dy | 304 | 755 | 5.897 | 0.000151 |
| 44 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | [dlrsmg \| fptk] + ai4[dlrsmg] | 158 | 1444 | 5.861 | 0.000151 |
| 45 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | [tk]e4dy | 733 | 309 | 5.819 | 0.000149 |
| 46 | cte4[yo] | olk | 406 | 557 | 5.810 | 0.000149 |
| 47 | okc + e0-4 + y \| dy \| o[dlrs]y | ol[oa] | 563 | 401 | 5.800 | 0.000149 |
| 48 | cte4[yo] | o[fptk]c + e0-4dy | 406 | 554 | 5.779 | 0.000148 |
| 49 | [fptk]e0-4y | c \| c[s \| fptk] + e4dy | 161 | 1395 | 5.770 | 0.000148 |
| 50 | [yo]doi0-4[lr] | edy | 45 | 4981 | 5.759 | 0.000148 |
| 51 | o[fptk]c + e0-4ol | c \| c[s \| fptk] + e4dy | 159 | 1395 | 5.698 | 0.000146 |
| 52 | y-initial | et[yo] | 1926 | 115 | 5.690 | 0.000146 |
| 53 | [yo]c[s \| fptk]e4y | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 353 | 623 | 5.650 | 0.000145 |
| 54 | oce4y + infixed versions | cse4y | 379 | 578 | 5.628 | 0.000145 |
| 55 | c \| c[fptk] + e4o | oke4dy | 228 | 933 | 5.465 | 0.000140 |
| 56 | [yo]d[ao]i0-4r | oke4dy | 228 | 933 | 5.465 | 0.000140 |
| 57 | cse4o | [dlrsmg] + ai4[lr] + y-suffix | 205 | 1035 | 5.451 | 0.000140 |
| 58 | Suspected Errata/Difficult to Categorize | ed[yoa] | 36 | 5851 | 5.411 | 0.000139 |
| 59 | oe0-4s | otal variants | 632 | 333 | 5.407 | 0.000139 |
| 60 | ce4o | oke0-4y | 160 | 1314 | 5.401 | 0.000139 |
| 61 | okce0-4y | ol[yoa] | 338 | 614 | 5.332 | 0.000137 |
| 62 | oe0-4s | [dlrsmg] + c \| c[s \| fptk] + e4dy | 632 | 327 | 5.309 | 0.000136 |
| 63 | [yo]d[ao]i0-4n | lc-initial | 450 | 457 | 5.283 | 0.000136 |
| 64 | cteo-initial | oke4dy | 220 | 933 | 5.273 | 0.000135 |
| 65 | yodai0-4n | lc-initial | 448 | 457 | 5.260 | 0.000135 |
| 66 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | a[dlrsmg]c | 2246 | 91 | 5.251 | 0.000135 |
| 67 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | lc-initial | 445 | 457 | 5.225 | 0.000134 |
| 68 | otc + e4ol | c + e4dy | 66 | 3053 | 5.177 | 0.000133 |
| 69 | od[ao]i0-4r | oke4dy | 215 | 933 | 5.154 | 0.000132 |
| 70 | yc + e4ol | ed[yoa] | 34 | 5851 | 5.111 | 0.000131 |
| 71 | oc[s \| fptk]e4y | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 319 | 623 | 5.106 | 0.000131 |
| 72 | [dlrsmg \| fptk] + ai4n | rai4n | 1724 | 115 | 5.094 | 0.000131 |
| 73 | y-initial | oro | 1926 | 102 | 5.047 | 0.000130 |
| 74 | [yo][fptk \| dlrsmg] + c \| cs + e4o | a-axis of [yo][fptk][ao][lr] | 113 | 1731 | 5.025 | 0.000129 |
| 75 | oe0-4s | [tk]e4dy | 632 | 309 | 5.017 | 0.000129 |

Table 25.9: Leading Adjacency Prohibitions in Balneological → Herbal Category Order

| # | Category 1 | Category 2 | Word Count 1 | Word Count 2 | Expected Count | Expected Probability |
|---|---|---|---|---|---|---|
| 1 | edy | cean verbs | 4981 | 213 | 27.257 | 0.000700 |
| 2 | edy | cke4[yo] | 4981 | 172 | 22.010 | 0.000565 |
| 3 | c + e4dy | cean variants | 3053 | 255 | 20.001 | 0.000514 |
| 4 | [yo]kai0-4n | [tk]c-Initial | 1067 | 667 | 18.284 | 0.000470 |
| 5 | c + e4dy | cteo-initial | 3053 | 220 | 17.256 | 0.000443 |
| 6 | okai0-4n | [tk]c-Initial | 994 | 667 | 17.033 | 0.000438 |
| 7 | c + e4dy | cean verbs | 3053 | 213 | 16.707 | 0.000429 |
| 8 | c[s \| fptk]e4dy | ce4a | 622 | 1009 | 16.124 | 0.000414 |
| 9 | cse4dy | ce4a | 585 | 1009 | 15.165 | 0.000390 |
| 10 | o[fptk]e4dy | cear variants | 1444 | 365 | 13.541 | 0.000348 |
| 11 | c + e4dy | cke4[yo] | 3053 | 172 | 13.491 | 0.000347 |
| 12 | o[fptk]c + e0-4dy | c[s \| fptk]e4y | 554 | 887 | 12.625 | 0.000324 |
| 13 | [yo]kai0-4n | dc-initial | 1067 | 454 | 12.445 | 0.000320 |
| 14 | edy | cke4y | 4981 | 93 | 11.901 | 0.000306 |
| 15 | ed[yoa] | ckeo-initial | 5851 | 79 | 11.875 | 0.000305 |
| 16 | okai0-4n | dc-initial | 994 | 454 | 11.594 | 0.000298 |
| 17 | o[fptk]e4dy | cear verbs | 1444 | 303 | 11.241 | 0.000289 |
| 18 | [q \| fptk \| dlrsmg] + oi0-4[lr] | cteo-initial | 1819 | 220 | 10.281 | 0.000264 |
| 19 | edy | ckeo-initial | 4981 | 79 | 10.109 | 0.000260 |
| 20 | oke4dy | cte4[yo] | 933 | 406 | 9.732 | 0.000250 |
| 21 | ote4dy | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 509 | 733 | 9.585 | 0.000246 |
| 22 | [yo]kai0-4n | tc-initial | 1067 | 345 | 9.457 | 0.000243 |
| 23 | c \| c[s \| fptk] + e4dy | cean variants | 1395 | 255 | 9.139 | 0.000235 |
| 24 | [yo]kai0-4n | kc-initial | 1067 | 322 | 8.827 | 0.000227 |
| 25 | okai0-4n | tc-initial | 994 | 345 | 8.810 | 0.000226 |
| 26 | oke4dy | cear variants | 933 | 365 | 8.749 | 0.000225 |
| 27 | cse4dy | Single-Letter Words | 585 | 566 | 8.507 | 0.000219 |
| 28 | o[fptk]ai4n | oy + oe4y | 1598 | 207 | 8.498 | 0.000218 |
| 29 | ol[dtk] | [fp]c-Initial | 842 | 387 | 8.372 | 0.000215 |
| 30 | a-axis of [yo][fptk][ao][lr] | cte4y | 1731 | 186 | 8.272 | 0.000213 |
| 31 | oke4dy | [yo]c + e4o Superclass | 933 | 345 | 8.270 | 0.000212 |
| 32 | okai0-4n | kc-initial | 994 | 322 | 8.223 | 0.000211 |
| 33 | o[fptk]e4dy | cteo-initial | 1444 | 220 | 8.162 | 0.000210 |
| 34 | ed[yoa] | okc + e4or | 5851 | 54 | 8.117 | 0.000209 |
| 35 | o[fptk]e4dy | cean verbs | 1444 | 213 | 7.902 | 0.000203 |
| 36 | c \| c[s \| fptk] + e4dy | cteo-initial | 1395 | 220 | 7.885 | 0.000203 |
| 37 | [yo]kai0-4n | okol variants | 1067 | 285 | 7.813 | 0.000201 |
| 38 | c \| c[s \| fptk] + e4dy | cean verbs | 1395 | 213 | 7.634 | 0.000196 |
| 39 | o[fptk]e4dy | cse4o | 1444 | 205 | 7.605 | 0.000195 |
| 40 | o[fptk]e4dy | y + Non-[dlrs] Prefixes | 1444 | 205 | 7.605 | 0.000195 |
| 41 | [dlrsmg] + c \| c[s \| fptk] + e4dy | c[s \| fptk]e4y | 327 | 887 | 7.452 | 0.000191 |
| 42 | oke4dy | c[fptk]e4y | 933 | 310 | 7.431 | 0.000191 |
| 43 | ed[yoa] | okc + e4o | 5851 | 49 | 7.366 | 0.000189 |
| 44 | o[fptk]ai4n | ko | 1598 | 179 | 7.349 | 0.000189 |
| 45 | c \| c[s \| fptk] + e4dy | cse4o | 1395 | 205 | 7.347 | 0.000189 |
| 46 | c + e4dy | cke4y | 3053 | 93 | 7.294 | 0.000187 |
| 47 | okai0-4n | okol variants | 994 | 285 | 7.278 | 0.000187 |
| 48 | c \| c[s \| fptk] + e4dy | om | 1395 | 203 | 7.275 | 0.000187 |
| 49 | oke4dy | cear verbs | 933 | 303 | 7.263 | 0.000187 |
| 50 | a-axis of [yo][fptk][ao][lr] | [fptk]e0-4y | 1731 | 161 | 7.160 | 0.000184 |
| 51 | c[s \| fptk]e4dy | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 622 | 445 | 7.111 | 0.000183 |
| 52 | edy | okc + e4or | 4981 | 54 | 6.910 | 0.000178 |
| 53 | cse4dy | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 585 | 445 | 6.688 | 0.000172 |
| 54 | ol[dtk] | pc-initial | 842 | 307 | 6.641 | 0.000171 |
| 55 | opce0-4dy | c + c[s \| fptk]e4y | 159 | 1624 | 6.634 | 0.000170 |
| 56 | oke4dy | od endings + odcey relatives | 933 | 275 | 6.592 | 0.000169 |
| 57 | c + e4dy | c[fp]e4y + added c-sequences & cfeo-Initial | 3053 | 84 | 6.589 | 0.000169 |
| 58 | ote4dy | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 509 | 503 | 6.578 | 0.000169 |
| 59 | o[fptk]e4dy | cke4[yo] | 1444 | 172 | 6.381 | 0.000164 |
| 60 | oi4[dlrsmg \| n] | cteo-initial | 1124 | 220 | 6.353 | 0.000163 |
| 61 | [yo]c + e4dy | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 110 | 2246 | 6.347 | 0.000163 |
| 62 | edy | okc + e4o | 4981 | 49 | 6.270 | 0.000161 |
| 63 | [q \| fptk \| dlrsmg] + oi0-4[lr] | oo + oe4o | 1819 | 133 | 6.215 | 0.000160 |
| 64 | c + e4dy | ckeo-initial | 3053 | 79 | 6.196 | 0.000159 |
| 65 | ol[tk] | [fp]c-Initial | 621 | 387 | 6.174 | 0.000159 |
| 66 | c \| c[s \| fptk] + e4dy | cke4[yo] | 1395 | 172 | 6.164 | 0.000158 |
| 67 | [dlrsmg] + c \| c[s \| fptk] + e4dy | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 327 | 733 | 6.158 | 0.000158 |
| 68 | ote4dy | [yo]ce4y + infixed versions | 509 | 466 | 6.094 | 0.000157 |
| 69 | lc-initial | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 457 | 519 | 6.093 | 0.000157 |
| 70 | okce0-4dy | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 188 | 1227 | 5.926 | 0.000152 |
| 71 | c[s \| fptk]e4dy | cear variants | 622 | 365 | 5.833 | 0.000150 |
| 72 | oke4dy | od endings | 933 | 243 | 5.825 | 0.000150 |
| 73 | o[tk]e0-4y | opce0-4y | 2042 | 111 | 5.823 | 0.000150 |
| 74 | o[fptk]ai4n | oy | 1598 | 141 | 5.789 | 0.000149 |
| 75 | o[fptk]c + e0-4dy | cte4[yo] | 554 | 406 | 5.779 | 0.000148 |
| 76 | ed[yoa] | ceal nouns | 5851 | 38 | 5.712 | 0.000147 |
| 77 | [yo]kai0-4n | oy + oe4y | 1067 | 207 | 5.674 | 0.000146 |
| 78 | olk | [fp]c-Initial | 557 | 387 | 5.538 | 0.000142 |
| 79 | cse4dy | cear variants | 585 | 365 | 5.486 | 0.000141 |
| 80 | c + e4dy | c[fp]e4y + added c-sequences | 3053 | 69 | 5.412 | 0.000139 |
| 81 | okal variants | [fp]c-Initial | 544 | 387 | 5.409 | 0.000139 |
| 82 | lc-initial | [dlrsmg]e0-4y | 457 | 453 | 5.319 | 0.000137 |
| 83 | okai0-4n | oy + oe4y | 994 | 207 | 5.286 | 0.000136 |
| 84 | [q \| fptk \| dlrsmg] + oi0-4[lr] | [yo][fptk\| dlrsmg] + c \| cs + e4o | 1819 | 113 | 5.281 | 0.000136 |
| 85 | oke4dy | cteo-initial | 933 | 220 | 5.273 | 0.000135 |
| 86 | ce4dy | ce4ai4n | 755 | 271 | 5.257 | 0.000135 |
| 87 | olcey relative | [dlrsmg \| fptk]e0-4y | 277 | 735 | 5.231 | 0.000134 |
| 88 | lc-initial | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 457 | 445 | 5.225 | 0.000134 |
| 89 | [ao][lr][ao][lr] Pipe/Flow | otol variants | 843 | 239 | 5.176 | 0.000133 |
| 90 | ol[yo] | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 388 | 519 | 5.173 | 0.000133 |
| 91 | ed[yoa] | od[ao]i0-4m | 5851 | 34 | 5.111 | 0.000131 |
| 92 | ed[yoa] | odcey relatives | 5851 | 34 | 5.111 | 0.000131 |
| 93 | oke4dy | cean verbs | 933 | 213 | 5.106 | 0.000131 |
| 94 | [dlrsmg \| fptk] + ai4[dlrsmg] | ke4o | 1444 | 137 | 5.082 | 0.000131 |
| 95 | ol[tk] | ol[ds] | 621 | 315 | 5.026 | 0.000129 |
| 96 | [tk]e4dy | oe0-4s | 309 | 632 | 5.017 | 0.000129 |

Table 25.10: Leading Adjacency Prohibitions Apart from Herbal-Balneological Category Pairs

| # | Category1 | Category2 | Word Count 1 | Word Count 2 | Expected Count | Expected Probability |
|---|---|---|---|---|---|---|
| 1 | ce4y | c \| c[s \| fptk] + e4dy | 737 | 1395 | 26.413 | 0.000679 |
| 2 | ce4y | ce4dy | 737 | 755 | 14.295 | 0.000367 |
| 3 | oke4dy | ai4n | 933 | 589 | 14.118 | 0.000363 |
| 4 | [yo]c[s \| fptk]e4y | ai4[dlrsmg \| n] | 353 | 1519 | 13.776 | 0.000354 |
| 5 | [dlrsmg \| fptk] + ai4n | pc-initial | 1724 | 307 | 13.597 | 0.000349 |
| 6 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 158 | 3168 | 12.860 | 0.000330 |
| 7 | [yo]kai0-4n | lc-initial | 1067 | 457 | 12.527 | 0.000322 |
| 8 | oc[s \| fptk]e4y | ai4[dlrsmg \| n] | 319 | 1519 | 12.449 | 0.000320 |
| 9 | o[lr]y | ai4[dlrsmg \| n] | 318 | 1519 | 12.410 | 0.000319 |
| 10 | ce4y | c[s \| fptk]e4dy | 737 | 622 | 11.777 | 0.000303 |
| 11 | okai0-4n | lc-initial | 994 | 457 | 11.670 | 0.000300 |
| 12 | [yo]c[fptk]e4y | ai4[dlrsmg \| n] | 294 | 1519 | 11.473 | 0.000295 |
| 13 | o[fptk]c + e0-4y | ai4n | 753 | 589 | 11.394 | 0.000293 |
| 14 | oc[fptk]e4y | ai4[dlrsmg \| n] | 289 | 1519 | 11.278 | 0.000290 |
| 15 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | ke4o | 3168 | 137 | 11.150 | 0.000286 |
| 16 | [dlrsmg \| fptk]e0-4y | ai4n | 735 | 589 | 11.122 | 0.000286 |
| 17 | [yo][fptk][ao][lr] | [fptk]e0-4y | 2688 | 161 | 11.118 | 0.000286 |
| 18 | ce4y | cse4dy | 737 | 585 | 11.077 | 0.000285 |
| 19 | otce0-4y | ai4[dlrsmg \| n] | 281 | 1519 | 10.966 | 0.000282 |
| 20 | olcey relative | ai4[dlrsmg \| n] | 277 | 1519 | 10.810 | 0.000278 |
| 21 | oke0-4y | ai4l | 1314 | 306 | 10.330 | 0.000265 |
| 22 | [dlrsmg \| fptk] + ai4n | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 1724 | 230 | 10.187 | 0.000262 |
| 23 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | o[tk]e0-4y | 186 | 2042 | 9.758 | 0.000251 |
| 24 | cte4[yo] | ai4[dlrsmg] | 406 | 930 | 9.700 | 0.000249 |
| 25 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | ai4n | 623 | 589 | 9.427 | 0.000242 |
| 26 | c[s \| fptk]e4dy | ai4n | 622 | 589 | 9.412 | 0.000242 |
| 27 | oi4[dlrsmg \| n] | [yo][fptk]e4ol | 1124 | 322 | 9.298 | 0.000239 |
| 28 | om + o[fptk \| dlrsmg]am | ai4[lr] | 454 | 782 | 9.121 | 0.000234 |
| 29 | otce0-4dy | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 172 | 2060 | 9.103 | 0.000234 |
| 30 | [yo]te4os | ed[yoa] | 60 | 5851 | 9.019 | 0.000232 |
| 31 | dai4n | pc-initial | 1140 | 307 | 8.991 | 0.000231 |
| 32 | [yo]kai0-4n | [dlrsmg] + c \| c[s \| fptk] + e4dy | 1067 | 327 | 8.964 | 0.000230 |
| 33 | cse4dy | ai4n | 585 | 589 | 8.852 | 0.000227 |
| 34 | cse4y | ai4n | 578 | 589 | 8.746 | 0.000225 |
| 35 | oly | ai4[dlrsmg \| n] | 222 | 1519 | 8.664 | 0.000223 |
| 36 | okc + e0-4 + y \| dy \| o[dlrs]y | ai4n | 563 | 589 | 8.519 | 0.000219 |
| 37 | [dlrsmg \| fptk] + ai4n | [fptk]ai4n | 1724 | 191 | 8.460 | 0.000217 |
| 38 | okar variants | [tk]c-Initial | 493 | 667 | 8.448 | 0.000217 |
| 39 | [yo]c[s \| fptk]e4y | ai4[dlrsmg] | 353 | 930 | 8.434 | 0.000217 |
| 40 | okai0-4n | [dlrsmg] + c \| c[s \| fptk] + e4dy | 994 | 327 | 8.351 | 0.000215 |
| 41 | o[fptk]e4os | c + e4dy | 106 | 3053 | 8.314 | 0.000214 |
| 42 | [yo]ke4o[dlrsmg] | o[fptk]c + e0-4dy | 584 | 554 | 8.312 | 0.000214 |
| 43 | [dlrsmg \| fptk] + ai4n | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 1724 | 186 | 8.238 | 0.000212 |
| 44 | o[fptk]c + e0-4dy | cse4y | 554 | 578 | 8.227 | 0.000211 |
| 45 | cte4[yo] | ai4[lr] | 406 | 782 | 8.157 | 0.000210 |
| 46 | o-axis of [yo][fptk][ao][lr] | [fptk]ai4[dlrsmg \| n] | 764 | 411 | 8.067 | 0.000207 |
| 47 | y + Non-[dlrs] Prefixes | ai4[dlrsmg \| n] | 205 | 1519 | 8.000 | 0.000206 |
| 48 | Consonant Clusters | [yo][fptk][ao][lr] | 115 | 2688 | 7.942 | 0.000204 |
| 49 | or[yo] | ai4[dlrsmg \| n] | 200 | 1519 | 7.805 | 0.000201 |
| 50 | cse4dy | l[fptk] Prefixes | 585 | 514 | 7.725 | 0.000198 |
| 51 | [yo]te4os | edy | 60 | 4981 | 7.678 | 0.000197 |
| 52 | [fptk] + c \| c[s \| fptk] + e4dy | ai4[dlrsmg \| n] | 196 | 1519 | 7.649 | 0.000197 |
| 53 | oc[s \| fptk]e4y | ai4[dlrsmg] | 319 | 930 | 7.622 | 0.000196 |
| 54 | o[lr]y | ai4[dlrsmg] | 318 | 930 | 7.598 | 0.000195 |
| 55 | otc + e0-4 + y \| dy \| o[dlrs]y | ai4n | 493 | 589 | 7.460 | 0.000192 |
| 56 | c[fptk]e4y | ai4[dlrsmg] | 310 | 930 | 7.407 | 0.000190 |
| 57 | [yo]pa | o[tk]e0-4y | 141 | 2042 | 7.397 | 0.000190 |
| 58 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | [yo][fptk]e4od | 809 | 355 | 7.378 | 0.000190 |
| 59 | okce0-4dy | ai4[dlrsmg \| n] | 188 | 1519 | 7.337 | 0.000188 |
| 60 | [tk]e4dy | [yo][fptk]e4o[dlrsmg] | 309 | 924 | 7.335 | 0.000188 |
| 61 | [yo][fptk]e4o[dlrsmg] | pc-initial | 924 | 307 | 7.288 | 0.000187 |
| 62 | otce0-4dy | c + c[s \| fptk]e4y | 172 | 1624 | 7.176 | 0.000184 |
| 63 | [yo][fptk]e4o[dlrsmg] | opc + e0-4 + y \| dy \| o[dlrs]y | 924 | 302 | 7.169 | 0.000184 |
| 64 | [dlrsmg \| fptk] + ai4n | [fptk]e0-4y | 1724 | 161 | 7.131 | 0.000183 |
| 65 | [yo]c[s \| fptk]e4y | ai4[lr] | 353 | 782 | 7.092 | 0.000182 |
| 66 | [yo]c[fptk]e4y | ai4[dlrsmg] | 294 | 930 | 7.024 | 0.000180 |
| 67 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | [dlrsmg \| fptk] + ai4n | 158 | 1724 | 6.998 | 0.000180 |
| 68 | c[s \| fptk]e4y | ai4l | 887 | 306 | 6.973 | 0.000179 |
| 69 | oc[fptk]e4y | ai4[dlrsmg] | 289 | 930 | 6.905 | 0.000177 |
| 70 | o[fptk]c + e0-4dy | ai4r | 554 | 483 | 6.874 | 0.000177 |
| 71 | ai4n | dc-initial | 589 | 454 | 6.870 | 0.000176 |
| 72 | [dlrsmg]e0-4y | ai4n | 453 | 589 | 6.855 | 0.000176 |
| 73 | l[fptk] Prefixes | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 514 | 519 | 6.854 | 0.000176 |
| 74 | cse4dy | lk-initial | 585 | 454 | 6.823 | 0.000175 |
| 75 | dai4n | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 1140 | 230 | 6.736 | 0.000173 |
| 76 | otce0-4y | ai4[dlrsmg] | 281 | 930 | 6.714 | 0.000172 |
| 77 | o[fptk \| dlrsmg][ao]m | ai4[dlrsmg] | 280 | 930 | 6.690 | 0.000172 |
| 78 | ola | dai4n | 228 | 1140 | 6.678 | 0.000172 |
| 79 | oe0-4s | [fptk]ai4[dlrsmg \| n] | 632 | 411 | 6.673 | 0.000171 |
| 80 | olcey relative | ai4[dlrsmg] | 277 | 930 | 6.618 | 0.000170 |
| 81 | otar variants | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 345 | 733 | 6.497 | 0.000167 |
| 82 | oi4[dlrsmg \| n] | [yo]ke4ol | 1124 | 223 | 6.440 | 0.000165 |
| 83 | [yo]d[ao]i0-4l | ai4[dlrsmg \| n] | 165 | 1519 | 6.439 | 0.000165 |
| 84 | [yo][fptk]e4o[dlrsmg] | ce4ai4n | 924 | 271 | 6.433 | 0.000165 |
| 85 | o[fptk] endings | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 79 | 3168 | 6.430 | 0.000165 |
| 86 | ce4y | [yo][fp][yoa] | 737 | 339 | 6.419 | 0.000165 |
| 87 | oc[s \| fptk]e4y | ai4[lr] | 319 | 782 | 6.409 | 0.000165 |
| 88 | o[lr]y | ai4[lr] | 318 | 782 | 6.389 | 0.000164 |
| 89 | [dlrsmg \| fptk] + ai4n | yodai0-4l | 1724 | 143 | 6.334 | 0.000163 |
| 90 | ocke4y | ai4[dlrsmg \| n] | 162 | 1519 | 6.322 | 0.000162 |
| 91 | yodai0-4r | ea | 205 | 1195 | 6.294 | 0.000162 |
| 92 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | oke0-4y | 186 | 1314 | 6.279 | 0.000161 |
| 93 | oy | [dlrsmg \| fptk] + ai4n | 141 | 1724 | 6.245 | 0.000160 |
| 94 | c[fptk]e4y | ai4[lr] | 310 | 782 | 6.228 | 0.000160 |
| 95 | o[lr][yoa] | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 1044 | 230 | 6.169 | 0.000158 |
| 96 | otc + e0-4 + y \| dy \| o[dlrs]y | ai4r | 493 | 483 | 6.118 | 0.000157 |
| 97 | [dlrsmg \| fptk] + ai4n | ke4o | 1724 | 137 | 6.068 | 0.000156 |
| 98 | oy + oe4y | dai4n | 207 | 1140 | 6.063 | 0.000156 |
| 99 | oa | [dlrsmg \| fptk]e0-4y | 321 | 735 | 6.061 | 0.000156 |
| 100 | lk-initial | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 454 | 519 | 6.053 | 0.000156 |
| 101 | [yo][fptk]e4o[dlrsmg] | cean variants | 924 | 255 | 6.053 | 0.000156 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 102 | o[fptk]e4dy | ocke4y | 1444 | 162 | 6.010 | 0.000154 |
| 103 | od[ao]i0-4l | ai4[dlrsmg \| n] | 154 | 1519 | 6.010 | 0.000154 |
| 104 | om + o[fptk \| dlrsmg]am | l[fptk] Prefixes | 454 | 514 | 5.995 | 0.000154 |
| 105 | oe sans oy + oe4y, oe0-4s | [dlrsmg \| fptk]e0-4y | 317 | 735 | 5.986 | 0.000154 |
| 106 | [yo]ke4od | oi4[dlrsmg \| n] | 207 | 1124 | 5.977 | 0.000154 |
| 107 | ce4dy | ai4l | 755 | 306 | 5.935 | 0.000152 |
| 108 | odai0-4r | ea | 193 | 1195 | 5.925 | 0.000152 |
| 109 | otar variants | [tk]c-Initial | 345 | 667 | 5.912 | 0.000152 |
| 110 | ola | ce4a | 228 | 1009 | 5.910 | 0.000152 |
| 111 | [yo]c[fptk]e4y | ai4[lr] | 294 | 782 | 5.907 | 0.000152 |
| 112 | Single-Letter Words | cte4[yo] | 566 | 406 | 5.904 | 0.000152 |
| 113 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | [yo][fptk]e4od + y | 809 | 284 | 5.903 | 0.000152 |
| 114 | [dlrsmg \| fptk] + ai4n | odai0-4l | 1724 | 133 | 5.891 | 0.000151 |
| 115 | l[fptk] Prefixes | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 514 | 445 | 5.876 | 0.000151 |
| 116 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | [yo]dy endings | 186 | 1228 | 5.868 | 0.000151 |
| 117 | ke4dy | o[lr][yoa] | 217 | 1044 | 5.820 | 0.000150 |
| 118 | [yo][fp][yoa] | [tk]c-Initial | 339 | 667 | 5.809 | 0.000149 |
| 119 | [yo]ke4o[dlrsmg] | [fp]c-Initial | 584 | 387 | 5.806 | 0.000149 |
| 120 | cse4y | a[lr][ao][lr] | 578 | 391 | 5.806 | 0.000149 |
| 121 | oc[fptk]e4y | ai4[lr] | 289 | 782 | 5.806 | 0.000149 |
| 122 | pc-initial | [dlrsmg \| fptk]e0-4y | 307 | 735 | 5.797 | 0.000149 |
| 123 | [dlrsmg \| fptk]e0-4y | ai4l | 735 | 306 | 5.778 | 0.000148 |
| 124 | okar variants | dc-initial | 493 | 454 | 5.750 | 0.000148 |
| 125 | oce4y + infixed versions | ai4n | 379 | 589 | 5.735 | 0.000147 |
| 126 | opc + e0-4 + y \| dy \| o[dlrs]y | ce4y | 302 | 737 | 5.718 | 0.000147 |
| 127 | ceckey relatives | ai4n | 377 | 589 | 5.705 | 0.000147 |
| 128 | opc + e0-4 + y \| dy \| o[dlrs]y | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 302 | 733 | 5.687 | 0.000146 |
| 129 | ece polygraph | ce4a | 219 | 1009 | 5.677 | 0.000146 |
| 130 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | okai0-4n | 222 | 994 | 5.669 | 0.000146 |
| 131 | otce0-4y | ai4[lr] | 281 | 782 | 5.645 | 0.000145 |
| 132 | om + o[fptk \| dlrsmg]am | ai4r | 454 | 483 | 5.634 | 0.000145 |
| 133 | [fp]c-Initial | Single-Letter Words | 387 | 566 | 5.627 | 0.000145 |
| 134 | o[fptk \| dlrsmg][ao]m | ai4[lr] | 280 | 782 | 5.625 | 0.000145 |
| 135 | dai4n | [fptk]ai4n | 1140 | 191 | 5.594 | 0.000144 |
| 136 | yodai0-4l | ai4[dlrsmg \| n] | 143 | 1519 | 5.581 | 0.000143 |
| 137 | olcey relative | ai4[lr] | 277 | 782 | 5.565 | 0.000143 |
| 138 | [yo][fptk][ao][lr] | l-prefix + [fptk]e0-4y | 2688 | 80 | 5.525 | 0.000142 |
| 139 | dl Consonant clusters | [yo][fptk][ao][lr] | 79 | 2688 | 5.456 | 0.000140 |
| 140 | dai4n | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 1140 | 186 | 5.448 | 0.000140 |
| 141 | ol[tk] | [yo]te4o[dlrsmg] | 621 | 341 | 5.440 | 0.000140 |
| 142 | oi4[dlrsmg \| n] | okce0-4dy | 1124 | 188 | 5.429 | 0.000139 |
| 143 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | [yo][fp][yoa] | 623 | 339 | 5.426 | 0.000139 |
| 144 | [yo][fp][yoa] | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 339 | 623 | 5.426 | 0.000139 |
| 145 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | [yo]ce4y + s infixes | 1227 | 172 | 5.422 | 0.000139 |
| 146 | oe | [dlrsmg]e0-4y | 463 | 453 | 5.388 | 0.000138 |
| 147 | olcey relatives (non -edy) | ai4[dlrsmg \| n] | 138 | 1519 | 5.385 | 0.000138 |
| 148 | osa | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 66 | 3168 | 5.372 | 0.000138 |
| 149 | [yo]ke4od | ce4a | 207 | 1009 | 5.366 | 0.000138 |
| 150 | l[fptk] Prefixes | cte4[yo] | 514 | 406 | 5.361 | 0.000138 |
| 151 | [yo]c[s \| fptk]e4y | ai4n | 353 | 589 | 5.342 | 0.000137 |
| 152 | [yo]ke4ol | ai4[dlrsmg] | 223 | 930 | 5.328 | 0.000137 |
| 153 | yodai0-4r | ce4a | 205 | 1009 | 5.314 | 0.000137 |
| 154 | oly | ai4[dlrsmg] | 222 | 930 | 5.304 | 0.000136 |
| 155 | om + o[fptk \| dlrsmg]am | lk-initial | 454 | 454 | 5.295 | 0.000136 |
| 156 | cteo-initial | ai4[dlrsmg] | 220 | 930 | 5.256 | 0.000135 |
| 157 | otal variants | ol[yoa] | 333 | 614 | 5.253 | 0.000135 |
| 158 | [yo][fptk][ao][lr] | rc-initial | 2688 | 76 | 5.248 | 0.000135 |
| 159 | ai4n | tc-initial | 589 | 345 | 5.221 | 0.000134 |
| 160 | lk-initial | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 454 | 445 | 5.190 | 0.000133 |
| 161 | odai0-4l | ai4[dlrsmg \| n] | 133 | 1519 | 5.190 | 0.000133 |
| 162 | osa | c + e4dy | 66 | 3053 | 5.177 | 0.000133 |
| 163 | cedar variants | dai4n | 176 | 1140 | 5.155 | 0.000132 |
| 164 | ke4dy | [yo][fptk]e4o[dlrsmg] | 217 | 924 | 5.151 | 0.000132 |
| 165 | oc[fpt]e4y | ai4[dlrsmg \| n] | 132 | 1519 | 5.151 | 0.000132 |
| 166 | okar variants | cte4[yo] | 493 | 406 | 5.142 | 0.000132 |
| 167 | okc + e0-4 + y \| dy \| o[dlrs]y | [yo][fptk]e4od | 563 | 355 | 5.135 | 0.000132 |
| 168 | c[s \| fptk]e4dy | oa | 622 | 321 | 5.130 | 0.000132 |
| 169 | okce0-4y | ai4n | 338 | 589 | 5.115 | 0.000131 |
| 170 | Consonant Clusters | a-axis of [yo][fptk][ao][lr] | 115 | 1731 | 5.114 | 0.000131 |
| 171 | ed[yoa] | yc[s \| fptk]e4y | 5851 | 34 | 5.111 | 0.000131 |
| 172 | yc[s \| fptk]e4y | ed[yoa] | 34 | 5851 | 5.111 | 0.000131 |
| 173 | ed[yoa] | ol + c \| cs + e4o[lr] | 5851 | 34 | 5.111 | 0.000131 |
| 174 | or[yoa] | lk-initial | 438 | 454 | 5.109 | 0.000131 |
| 175 | [yo]ke4o[lr] | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 319 | 623 | 5.106 | 0.000131 |
| 176 | o[lr]y | c[s \| fptk]e4dy | 318 | 622 | 5.082 | 0.000131 |
| 177 | [yo]dy endings | [fptk]e0-4y | 1228 | 161 | 5.079 | 0.000130 |
| 178 | [yo][fptk]e4o | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 88 | 2246 | 5.078 | 0.000130 |
| 179 | [yo][fptk]e4o[dlrsmg] | cean verbs | 924 | 213 | 5.056 | 0.000130 |
| 180 | [yo][fptk]e4od | o[fptk]c + e0-4dy | 355 | 554 | 5.053 | 0.000130 |
| 181 | o[fptk]eda[lrsm \| n] | [yo]kai0-4n | 184 | 1067 | 5.044 | 0.000130 |

Table 25.11: Prohibited and Unusually Common Word Pairs by Category

| Within Category # | Prohibited # | Prohibited Category 2 | Word Count 2 | Expected Count | Common # | Common Category 2 | Word Count 2 | Expected Count | Actual Count | Count Difference |
|---|---|---|---|---|---|---|---|---|---|---|
| | | **[fptk]e0-4y (161)** | | | | | | | | |
| 1 | 93 | c \| c[s \| fptk] + e4dy | 1395 | 5.770 | 589 | [dlrsmg \| fptk]e0-4y | 735 | 3.040 | 14 | 10.960 |
| 2 | 346 | ai4[lr] | 782 | 3.235 | 1333 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 2060 | 8.521 | 14 | 5.479 |
| 3 | 372 | ce4dy | 755 | 3.123 | 1375 | [fptk]e0-4y | 161 | 0.666 | 6 | 5.334 |
| 4 | 562 | c[s \| fptk]e4dy | 622 | 2.573 | 1388 | c + c[s \| fptk]e4y | 1624 | 6.717 | 12 | 5.283 |
| 5 | 644 | ai4n | 589 | 2.436 | 1429 | [dlrsmg]e0-4y | 453 | 1.874 | 7 | 5.126 |
| 6 | 658 | cse4dy | 585 | 2.420 | | | | | | |
| 7 | 818 | cedai4[lrsm \| n] | 527 | 2.180 | | | | | | |
| 8 | 964 | ai4r | 483 | 1.998 | | | | | | |
| 9 | 1421 | a[lr][ao][lr] | 391 | 1.617 | | | | | | |
| 10 | 1521 | ceckey relatives | 377 | 1.559 | | | | | | |
| 11 | 1783 | [yo]c + e4o Superclass | 345 | 1.427 | | | | | | |
| 12 | 1784 | tc-initial | 345 | 1.427 | | | | | | |
| 13 | 1837 | [yo][fp][yoa] | 339 | 1.402 | | | | | | |
| 14 | 1880 | otal variants | 333 | 1.377 | | | | | | |
| 15 | 1996 | [yo]ke4o[lr] | 319 | 1.319 | | | | | | |
| 16 | 2025 | ol[ds] | 315 | 1.303 | | | | | | |
| 17 | 2128 | ai4l | 306 | 1.266 | | | | | | |

| | | | | |
|---|---|---|---|---|
| 18 | 2390 | c \| cs + e0-4[dlrsmg] | 281 | 1.162 |
| 19 | 2392 | otce0-4y | 281 | 1.162 |
| | | **[fp]c-Initial (387)** | | |
| 1 | 98 | Single-Letter Words | 566 | 5.627 |
| 2 | 444 | okol variants | 285 | 2.834 |
| 3 | 501 | ce4ai4n | 271 | 2.694 |
| 4 | 564 | sai4n | 258 | 2.565 |
| 5 | 584 | cean variants | 255 | 2.535 |
| 6 | 682 | otol variants | 239 | 2.376 |
| 7 | 765 | old | 225 | 2.237 |
| 8 | 797 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 222 | 2.207 |
| 9 | 865 | cean verbs | 213 | 2.118 |
| 10 | 927 | y + Non-[dlrs] Prefixes | 205 | 2.038 |
| 11 | 1056 | dairol/soral relatives | 190 | 1.889 |
| 12 | 1077 | c \| cs + e0-4s | 188 | 1.869 |
| 13 | 1379 | ce0-4s | 165 | 1.641 |
| 14 | 1450 | [fptk]e0-4y | 161 | 1.601 |
| 15 | 2131 | [yo][fptk]e4or | 127 | 1.263 |
| 16 | 2263 | okor variants | 122 | 1.213 |
| 17 | 2450 | Consonant Clusters | 115 | 1.143 |
| 18 | 2452 | rai4n | 115 | 1.143 |
| 19 | 2606 | [yo]c + e4dy | 110 | 1.094 |
| 20 | 2734 | o[fptk]e4os | 106 | 1.054 |
| 21 | 2762 | aro[dlrsmg] | 105 | 1.044 |
| 22 | 2883 | cse0-4s | 102 | 1.014 |
| 23 | 2913 | o[fptk]c + e0-4o | 101 | 1.004 |
| | | **[tk]c-Initial (667)** | | |
| 1 | 257 | ai0-4[dlrsmg][dlrsmg] | 214 | 3.667 |
| 2 | 571 | [yo]e0-4[fp]e0-4[yo] | 149 | 2.553 |
| 3 | 1043 | [yo][fp]ai0-4[rn] | 111 | 1.902 |
| 4 | 1157 | aro[dlrsmg] | 105 | 1.799 |
| 5 | 1251 | c-sequence + e4 + [fptk] + e4 + y | 101 | 1.731 |
| 6 | 1327 | o[tk]e4s | 98 | 1.679 |
| 7 | 1401 | [yo][fp]o | 95 | 1.628 |
| 8 | 1462 | cke4y | 93 | 1.594 |
| 9 | 1491 | a[dlrsmg]am | 92 | 1.577 |
| 10 | 1522 | a[dlrsmg]c | 91 | 1.559 |
| 11 | 1594 | c \| cs + e0-4d | 89 | 1.525 |
| 12 | 1728 | o[fptk]ody | 85 | 1.457 |
| 13 | 1760 | c[fp]e4y + added c-sequences & cfeo-Initial | 84 | 1.439 |
| 14 | 1793 | [fptk \| dlrs] prefixes to dai4[lrsm \| n] | 83 | 1.422 |
| 15 | 1926 | o[fptk] endings | 79 | 1.354 |
| 16 | 2086 | te4o | 75 | 1.285 |
| 17 | 2120 | okod variants | 74 | 1.268 |
| 18 | 2177 | ykai0-4n | 73 | 1.251 |
| 19 | 2216 | o[fptk]edar | 72 | 1.234 |
| 20 | 2258 | oe0-4[fp]oe0-4[lr] | 71 | 1.217 |
| 21 | 2298 | [yo]po | 70 | 1.200 |
| 22 | 2343 | c[fp]e4y + added c-sequences | 69 | 1.182 |
| 23 | 2491 | osa | 66 | 1.131 |
| 24 | 2828 | [yo][fptk]e4d | 60 | 1.028 |
| 25 | 2829 | [yo]te4os | 60 | 1.028 |
| 26 | 2830 | e[tk]o | 60 | 1.028 |
| 27 | 2895 | ytai0-4n | 59 | 1.011 |
| 28 | 2896 | [yo]fa | 59 | 1.011 |
| | | **[tk]e4dy (309)** | | |
| 1 | 46 | [yo][fptk]e4o[dlrsmg] | 924 | 7.335 |
| 2 | 127 | oe0-4s | 632 | 5.017 |
| 3 | 149 | [yo]ke4o[dlrsmg] | 584 | 4.636 |
| 4 | 197 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 519 | 4.120 |
| 5 | 250 | o[lr]a | 469 | 3.723 |
| 6 | 253 | [yo]ce4y + infixed versions | 466 | 3.699 |
| 7 | 279 | [yo][fptk]e4o[lr] | 449 | 3.564 |
| 8 | 286 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 445 | 3.533 |
| 9 | 299 | or[yoa] | 438 | 3.477 |
| 10 | 397 | oce4y + infixed versions | 379 | 3.009 |
| 11 | 452 | [yo][fptk]e4od | 355 | 2.818 |
| 12 | 458 | [yo]c[s \| fptk]e4y | 353 | 2.802 |
| 13 | 476 | [yo]c + e4o Superclass | 345 | 2.739 |
| 14 | 477 | tc-initial | 345 | 2.739 |
| 15 | 493 | [yo]te4o[dlrsmg] | 341 | 2.707 |
| 16 | 497 | or[oa] | 340 | 2.699 |
| 17 | 567 | [yo][fptk]e4ol | 322 | 2.556 |
| 18 | 586 | [yo]ke4o[lr] | 319 | 2.532 |
| 19 | 587 | oc[s \| fptk]e4y | 319 | 2.532 |
| 20 | 591 | o[lr]y | 318 | 2.524 |
| 21 | 623 | c[fptk]e4y | 310 | 2.461 |
| 22 | 651 | ai4l | 306 | 2.429 |
| 23 | 708 | [yo]c[fptk]e4y | 294 | 2.334 |
| 24 | 729 | oc[fptk]e4y | 289 | 2.294 |
| 25 | 760 | [yo][fptk]e4od + y | 284 | 2.255 |
| 26 | 769 | otce0-4y | 281 | 2.231 |
| 27 | 816 | od endings + odcey relatives | 275 | 2.183 |
| 28 | 936 | cean variants | 255 | 2.024 |
| 29 | 1015 | od endings | 243 | 1.929 |
| 30 | 1033 | ora | 241 | 1.913 |
| 31 | 1141 | [yo]d[ao]i0-4r | 228 | 1.810 |
| 32 | 1142 | ola | 228 | 1.810 |
| 33 | 1201 | [yo]ke4ol | 223 | 1.770 |
| 34 | 1208 | oly | 222 | 1.762 |
| 35 | 1291 | od[ao]i0-4r | 215 | 1.707 |
| 36 | 1308 | cean verbs | 213 | 1.691 |
| 37 | 1371 | [yo]ke4od | 207 | 1.643 |
| 38 | 1404 | y + Non-[dlrs] Prefixes | 205 | 1.627 |
| 39 | 1405 | yodai0-4r | 205 | 1.627 |
| 40 | 1470 | or[yo] | 200 | 1.588 |
| 41 | 1578 | odai0-4r | 193 | 1.532 |
| 42 | 1681 | cte4y | 186 | 1.477 |
| 43 | 1700 | o[fptk][ao]d | 185 | 1.469 |
| 44 | 1803 | ko | 179 | 1.421 |
| 45 | 1848 | cedar variants | 176 | 1.397 |
| 46 | 1903 | cke4[yo] | 172 | 1.365 |
| 47 | 1904 | [yo]ce4y + s infixes | 172 | 1.365 |
| 48 | 2016 | ce0-4s | 165 | 1.310 |
| 49 | 2084 | ocke4y | 162 | 1.286 |
| 50 | 2132 | o[fptk]c + e0-4ol | 159 | 1.262 |
| 51 | 2171 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 158 | 1.254 |
| 52 | 2339 | [yo]te4od | 149 | 1.183 |
| 53 | 2519 | oy | 141 | 1.119 |
| 208 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 1421 | 14.128 | 39 | 24.872 |
| 210 | ed[yoa] | 5851 | 58.173 | 83 | 24.827 |
| 256 | c + e4dy | 3053 | 30.354 | 52 | 21.646 |
| 280 | edy | 4981 | 49.523 | 70 | 20.477 |
| 349 | opc + e0-4 + y \| dy \| o[dlrs]y | 302 | 3.003 | 20 | 16.997 |
| 497 | o[fptk]c + e0-4dy | 554 | 5.508 | 18 | 12.492 |
| 551 | o[fptk]c + e0-4y | 753 | 7.487 | 19 | 11.513 |
| 613 | [yo][fp][yoa] | 339 | 3.370 | 14 | 10.630 |
| 689 | [yo]e0-4[fp]e0-4[yo] | 149 | 1.481 | 11 | 9.519 |
| 798 | opce0-4dy | 159 | 1.581 | 10 | 8.419 |
| 845 | [yo][fp]o | 95 | 0.945 | 9 | 8.055 |
| 863 | opce0-4y | 111 | 1.104 | 9 | 7.896 |
| 935 | [tk]c-Initial | 667 | 6.632 | 14 | 7.368 |
| 1046 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 22.331 | 29 | 6.669 |
| 1126 | oe0-4[fp]oe0-4[lr] | 71 | 0.706 | 7 | 6.294 |
| 1237 | kc-initial | 322 | 3.201 | 9 | 5.799 |
| 131 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 38.487 | 74 | 35.513 |
| 206 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 1227 | 21.026 | 46 | 24.974 |
| 227 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 1421 | 24.350 | 48 | 23.650 |
| 302 | o[fptk]c + e0-4y | 753 | 12.903 | 32 | 19.097 |
| 545 | [tk]c-Initial | 667 | 11.430 | 23 | 11.570 |
| 553 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 733 | 12.561 | 24 | 11.439 |
| 616 | otc + e0-4 + y \| dy \| o[dlrs]y | 493 | 8.448 | 19 | 10.552 |
| 641 | okce0-4y | 338 | 5.792 | 16 | 10.208 |
| 704 | okc + e0-4 + y \| dy \| o[dlrs]y | 563 | 9.648 | 19 | 9.352 |
| 720 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 519 | 8.894 | 18 | 9.106 |
| 792 | kc-initial | 322 | 5.518 | 14 | 8.482 |
| 803 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 445 | 7.626 | 16 | 8.375 |
| 889 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 2060 | 35.300 | 43 | 7.700 |
| 918 | [dlrsmg \| fptk] + ai4n | 1724 | 29.542 | 37 | 7.458 |
| 931 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 503 | 8.619 | 16 | 7.381 |
| 1104 | [dlrsmg \| fptk]e0-4y | 735 | 12.595 | 19 | 6.405 |
| 1169 | cse4y | 578 | 9.905 | 16 | 6.095 |
| 1367 | ol[tk] | 621 | 10.641 | 16 | 5.359 |
| 1378 | yodai0-4n | 448 | 7.677 | 13 | 5.323 |
| 1384 | [yo]d[ao]i0-4n | 450 | 7.711 | 13 | 5.289 |
| 1415 | otce0-4y | 281 | 4.815 | 10 | 5.185 |
| 1451 | otce0-4dy | 172 | 2.947 | 8 | 5.053 |
| 1456 | cte4[yo] | 406 | 6.957 | 12 | 5.043 |
| 1468 | odai0-4n | 408 | 6.991 | 12 | 5.009 |
| 93 | ed[yoa] | 5851 | 46.448 | 94 | 47.552 |
| 99 | edy | 4981 | 39.542 | 85 | 45.458 |
| 260 | o[fptk]e4dy | 1444 | 11.463 | 33 | 21.537 |
| 356 | c + e4dy | 3053 | 24.236 | 41 | 16.764 |
| 408 | l[fptk] Prefixes | 514 | 4.080 | 19 | 14.920 |
| 413 | oke4dy | 933 | 7.407 | 22 | 14.593 |
| 419 | lk-initial | 454 | 3.604 | 18 | 14.396 |
| 874 | o[tk]e0-4y | 2042 | 16.211 | 24 | 7.789 |
| 906 | [tk]e4dy | 309 | 2.453 | 10 | 7.547 |
| 933 | lc-initial | 457 | 3.628 | 11 | 7.372 |
| 994 | ote4dy | 509 | 4.041 | 11 | 6.959 |
| 1105 | [dlrsmg] + c \| c[s \| fptk] + e4dy | 327 | 2.596 | 9 | 6.404 |
| 1132 | ke4dy | 217 | 1.723 | 8 | 6.277 |
| 1302 | o[fptk]c + e0-4dy | 554 | 4.398 | 10 | 5.602 |
| 1360 | rc-initial | 76 | 0.603 | 6 | 5.397 |

| | | | | |
|---|---|---|---|---|
| 54 | 2626 | ke4o | 137 | 1.088 |
| 55 | 2678 | orai0-4n | 135 | 1.072 |
| 56 | 2679 | o[fptk]c + e0-4or | 135 | 1.072 |
| 57 | 2722 | oo + oe4o | 133 | 1.056 |
| 58 | 2748 | oc[fpt]e4y | 132 | 1.048 |
| 59 | 2749 | g | 132 | 1.048 |
| 60 | 2819 | [yo]te4o[lr] | 130 | 1.032 |
| 61 | 2904 | [yo][fptk]e4or | 127 | 1.008 |
| 62 | 2937 | olai0-4n | 126 | 1.000 |
| | | **[tk]e4o (206)** | | |
| 1 | 184 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 809 | 4.282 |
| 2 | 402 | Single-Letter Words | 566 | 2.995 |
| 3 | 550 | [yo]tai0-4n | 490 | 2.593 |
| 4 | 741 | otai0-4n | 430 | 2.276 |
| 5 | 914 | ol[yo] | 388 | 2.053 |
| 6 | 963 | so | 378 | 2.001 |
| 7 | 1012 | cear variants | 365 | 1.932 |
| 8 | 1171 | [yo][fp][yoa] | 339 | 1.794 |
| 9 | 1293 | kc-initial | 322 | 1.704 |
| 10 | 1344 | ol[ds] | 315 | 1.667 |
| 11 | 1411 | pc-initial | 307 | 1.625 |
| 12 | 1445 | cear verbs | 303 | 1.604 |
| 13 | 1660 | otce0-4y | 281 | 1.487 |
| 14 | 1709 | olcey relative | 277 | 1.466 |
| 15 | 1730 | od endings + odcey relatives | 275 | 1.455 |
| 16 | 2085 | od endings | 243 | 1.286 |
| 17 | 2111 | ora | 241 | 1.275 |
| 18 | 2129 | otol variants | 239 | 1.265 |
| 19 | 2276 | [yo]d[ao]i0-4r | 228 | 1.207 |
| 20 | 2322 | old | 225 | 1.191 |
| 21 | 2361 | oly | 222 | 1.175 |
| 22 | 2362 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 222 | 1.175 |
| 23 | 2471 | od[ao]i0-4r | 215 | 1.138 |
| 24 | 2601 | oy + oe4y | 207 | 1.096 |
| 25 | 2630 | yodai0-4r | 205 | 1.085 |
| 26 | 2631 | y + Non-[dlrs] Prefixes | 205 | 1.085 |
| 27 | 2661 | om | 203 | 1.074 |
| 28 | 2715 | [yo][fp]a | 200 | 1.058 |
| 29 | 2805 | o[dlrs]ce4y Superset | 196 | 1.037 |
| 30 | 2852 | odai0-4r | 193 | 1.021 |
| 31 | 2897 | eka | 191 | 1.011 |
| 32 | 2898 | [fptk]ai4n | 191 | 1.011 |
| 33 | 2911 | [fptk]ai4[lr] | 190 | 1.006 |
| | | **dc-initial (454)** | | |
| 1 | 154 | a[lr][ao][lr] | 391 | 4.561 |
| 2 | 217 | [yo][fp][yoa] | 339 | 3.954 |
| 3 | 278 | ai4l | 306 | 3.569 |
| 4 | 339 | o[fptk \| dlrsmg][ao]m | 280 | 3.266 |
| 5 | 356 | o[lr]o | 274 | 3.196 |
| 6 | 368 | ceal variants | 269 | 3.138 |
| 7 | 507 | ceal verbs | 230 | 2.683 |
| 8 | 509 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 230 | 2.683 |
| 9 | 551 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 222 | 2.589 |
| 10 | 710 | [yo][fp]a | 200 | 2.333 |
| 11 | 727 | cectey relatives | 197 | 2.298 |
| 12 | 788 | dairol/soral relatives | 190 | 2.216 |
| 13 | 790 | [fptk]ai4[lr] | 190 | 2.216 |
| 14 | 799 | cedaiin variants | 189 | 2.204 |
| 15 | 830 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 186 | 2.169 |
| 16 | 921 | olo | 175 | 2.041 |
| 17 | 1084 | ce4o | 160 | 1.866 |
| 18 | 1099 | opce0-4dy | 159 | 1.855 |
| 19 | 1168 | od[ao]i0-4l | 154 | 1.796 |
| 20 | 1233 | [yo]e0-4[fp]e0-4[yo] | 149 | 1.738 |
| 21 | 1370 | [yo]pa | 141 | 1.645 |
| 22 | 1540 | odai0-4l | 133 | 1.551 |
| 23 | 1609 | [yo]te4o[lr] | 130 | 1.516 |
| 24 | 1674 | [yo][fptk]e4or | 127 | 1.481 |
| 25 | 1696 | olai0-4n | 126 | 1.470 |
| 26 | 1949 | Consonant Clusters | 115 | 1.341 |
| 27 | 1951 | rai4n | 115 | 1.341 |
| 28 | 2058 | [yo][fp]ai0-4[rn] | 111 | 1.295 |
| 29 | 2234 | aro[dlrsmg] | 105 | 1.225 |
| 30 | 2327 | oro | 102 | 1.190 |
| 31 | 2412 | [yo]te4ol | 99 | 1.155 |
| 32 | 2454 | o[tk]e4s | 98 | 1.143 |
| 33 | 2518 | [yo]ke4or | 96 | 1.120 |
| 34 | 2564 | l[drs] Prefixes | 95 | 1.108 |
| 35 | 2565 | [yo][fp]o | 95 | 1.108 |
| 36 | 2636 | ols | 93 | 1.085 |
| 37 | 2665 | a[dlrsmg]am | 92 | 1.073 |
| 38 | 2703 | a[dlrsmg]c | 91 | 1.061 |
| 39 | 2741 | oce4y + s infixes | 90 | 1.050 |
| 40 | 2835 | otam variants | 88 | 1.026 |
| 41 | 2836 | [yo][fptk]e4o | 88 | 1.026 |
| | | **lc-initial (457)** | | |
| 1 | 75 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 519 | 6.093 |
| 2 | 109 | [dlrsmg]e0-4y | 453 | 5.319 |
| 3 | 114 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 445 | 5.225 |
| 4 | 195 | [yo][fptk]e4od | 355 | 4.168 |
| 5 | 271 | ai4l | 306 | 3.593 |
| 6 | 324 | [yo][fptk]e4od + y | 284 | 3.334 |
| 7 | 347 | od endings + odcey relatives | 275 | 3.229 |
| 8 | 439 | od endings | 243 | 2.853 |
| 9 | 514 | c \| c[fptk] + e4o | 228 | 2.677 |
| 10 | 556 | cteo-initial | 220 | 2.583 |
| 11 | 600 | ai0-4[dlrsmg][dlrsmg] | 214 | 2.513 |
| 12 | 648 | [yo]ke4od | 207 | 2.430 |
| 13 | 668 | cse4o | 205 | 2.407 |
| 14 | 680 | om | 203 | 2.383 |
| 15 | 696 | or[yo] | 200 | 2.348 |
| 16 | 763 | [fptk]ai4n | 191 | 2.243 |
| 17 | 768 | dairol/soral relatives | 190 | 2.231 |
| 18 | 826 | o[fptk][ao]d | 185 | 2.172 |
| 19 | 879 | ko | 179 | 2.102 |
| 20 | 904 | cedar variants | 176 | 2.066 |
| 21 | 940 | cke4[yo] | 172 | 2.019 |
| 22 | 1067 | ce4o | 160 | 1.879 |

| | | | | |
|---|---|---|---|---|
| 835 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 11.887 | 20 | 8.113 |
| 837 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 2060 | 10.902 | 19 | 8.098 |
| 927 | c + c[s \| fptk]e4y | 1624 | 8.595 | 16 | 7.405 |
| 959 | o[tk]e0-4y | 2042 | 10.807 | 18 | 7.193 |
| 1183 | oke0-4y | 1314 | 6.954 | 13 | 6.046 |
| 351 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 2060 | 24.027 | 41 | 16.973 |
| 385 | dai4n | 1140 | 13.297 | 29 | 15.703 |
| 477 | [dlrsmg \| fptk] + ai4n | 1724 | 20.108 | 33 | 12.892 |
| 612 | c[fptk]e4o-initial & c[fptk]e4y Superclass | 1659 | 19.350 | 30 | 10.650 |
| 676 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 1227 | 14.311 | 24 | 9.689 |
| 829 | [tk]c-Initial | 667 | 7.780 | 16 | 8.220 |
| 861 | edy | 4981 | 58.097 | 66 | 7.903 |
| 886 | dc-initial | 454 | 5.295 | 13 | 7.705 |
| 895 | c[s \| fptk]e4y | 887 | 10.346 | 18 | 7.654 |
| 951 | cte4[yo] | 406 | 4.735 | 12 | 7.265 |
| 952 | kc-initial | 322 | 3.756 | 11 | 7.244 |
| 976 | oke4dy | 933 | 10.882 | 18 | 7.118 |
| 1023 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 26.197 | 33 | 6.803 |
| 1108 | c[fptk]e4y | 310 | 3.616 | 10 | 6.384 |
| 1422 | o[fptk]e4dy | 1444 | 16.842 | 22 | 5.158 |
| 1452 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 3168 | 36.951 | 42 | 5.049 |
| 123 | edy | 4981 | 58.481 | 96 | 37.519 |
| 126 | ed[yoa] | 5851 | 68.696 | 105 | 36.304 |
| 235 | c + e4dy | 3053 | 35.845 | 59 | 23.155 |
| 257 | lc-initial | 457 | 5.366 | 27 | 21.634 |
| 360 | oke0-4y | 1314 | 15.427 | 32 | 16.573 |
| 405 | o[tk]e0-4y | 2042 | 23.975 | 39 | 15.025 |
| 461 | [dlrsmg] + c \| c[s \| fptk] + e4dy | 327 | 3.839 | 17 | 13.161 |
| 527 | l[fptk] Prefixes | 514 | 6.035 | 18 | 11.965 |
| 543 | lk-initial | 454 | 5.330 | 17 | 11.670 |
| 624 | olk | 557 | 6.540 | 17 | 10.460 |
| 673 | ol[tk] | 621 | 7.291 | 17 | 9.709 |
| 732 | oke4dy | 933 | 10.954 | 20 | 9.046 |
| 834 | ol[dtk] | 842 | 9.886 | 18 | 8.114 |
| 847 | o[fptk]e4dy | 1444 | 16.954 | 25 | 8.046 |
| 917 | [yo]kai0-4n | 1067 | 12.527 | 20 | 7.473 |
| 1118 | okai0-4n | 994 | 11.670 | 18 | 6.330 |
| 1199 | ea | 1195 | 14.030 | 20 | 5.970 |
| 1260 | olcey relative | 277 | 3.252 | 9 | 5.748 |
| 1278 | a-axis of [yo][fptk][ao][lr] | 1731 | 20.323 | 26 | 5.677 |
| 1381 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 230 | 2.700 | 8 | 5.300 |

| | | | | |
|---|---|---|---|---|
| 23 | 1081 | o[fptk]c + e0-4ol | 159 | 1.867 |
| 24 | 1082 | opce0-4dy | 159 | 1.867 |
| 25 | 1098 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 158 | 1.855 |
| 26 | 1222 | [yo]te4od | 149 | 1.749 |
| 27 | 1223 | [yo]e0-4[fp]e0-4[yo] | 149 | 1.749 |
| 28 | 1479 | o[fptk]c + e0-4or | 135 | 1.585 |
| 29 | 1545 | oc[fpt]e4y | 132 | 1.550 |
| 30 | 1546 | g | 132 | 1.550 |
| 31 | 1592 | dai4m | 130 | 1.526 |
| 32 | 1986 | otor variants | 113 | 1.327 |
| 33 | 2024 | [yo][fp]ai0-4[rn] | 111 | 1.303 |
| 34 | 2121 | ory | 108 | 1.268 |
| 35 | 2304 | cse0-4s | 102 | 1.198 |
| 36 | 2305 | oro | 102 | 1.198 |
| 37 | 2335 | c-sequence + e4 + [fptk] + e4 + y | 101 | 1.186 |
| 38 | 2389 | [yo]te4ol | 99 | 1.162 |
| 39 | 2427 | o[tk]e4s | 98 | 1.151 |
| 40 | 2533 | [yo][fp]o | 95 | 1.115 |
| 41 | 2534 | Detached Class Modifiers | 95 | 1.115 |
| 42 | 2611 | ols | 93 | 1.092 |
| 43 | 2612 | cke4y | 93 | 1.092 |
| 44 | 2643 | a[dlrsmg]am | 92 | 1.080 |
| 45 | 2693 | a[dlrsmg]c | 91 | 1.068 |
| 46 | 2757 | [yo]ke4o | 89 | 1.045 |
| 47 | 2809 | o + c \| cs + e4o[lr] | 88 | 1.033 |
| 48 | 2810 | otod variants | 88 | 1.033 |
| 49 | 2811 | otam variants | 88 | 1.033 |
| 50 | 2812 | [yo][fptk]e4o | 88 | 1.033 |
| | | **l[fptk] Prefixes (514)** | | |
| 1 | 58 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 519 | 6.854 |
| 2 | 86 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 445 | 5.876 |
| 3 | 108 | cte4[yo] | 406 | 5.361 |
| 4 | 185 | oa | 321 | 4.239 |
| 5 | 189 | o[lr]y | 318 | 4.199 |
| 6 | 196 | ol[ds] | 315 | 4.160 |
| 7 | 200 | c[fptk]e4y | 310 | 4.094 |
| 8 | 315 | cean variants | 255 | 3.367 |
| 9 | 414 | old | 225 | 2.971 |
| 10 | 421 | oly | 222 | 2.932 |
| 11 | 432 | cteo-initial | 220 | 2.905 |
| 12 | 454 | cean verbs | 213 | 2.813 |
| 13 | 533 | or[yo] | 200 | 2.641 |
| 14 | 597 | [fptk]ai4n | 191 | 2.522 |
| 15 | 602 | dairol/soral relatives | 190 | 2.509 |
| 16 | 626 | cte4y | 186 | 2.456 |
| 17 | 747 | cke4[yo] | 172 | 2.271 |
| 18 | 858 | [fptk]e0-4y | 161 | 2.126 |
| 19 | 881 | o[fptk]c + e0-4ol | 159 | 2.100 |
| 20 | 985 | [yo]te4od | 149 | 1.968 |
| 21 | 1087 | oy | 141 | 1.862 |
| 22 | 1144 | ke4o | 137 | 1.809 |
| 23 | 1187 | o[fptk]c + e0-4or | 135 | 1.783 |
| 24 | 1225 | g | 132 | 1.743 |
| 25 | 1226 | oc[fpt]e4y | 132 | 1.743 |
| 26 | 1332 | [yo][fptk]e4or | 127 | 1.677 |
| 27 | 1430 | okor variants | 122 | 1.611 |
| 28 | 1710 | [yo][fp]ai0-4[rn] | 111 | 1.466 |
| 29 | 1785 | ory | 108 | 1.426 |
| 30 | 1844 | o[fptk]e4os | 106 | 1.400 |
| 31 | 1940 | oro | 102 | 1.347 |
| 32 | 1941 | cse0-4s | 102 | 1.347 |
| 33 | 1969 | c-sequence + e4 + [fptk] + e4 + y | 101 | 1.334 |
| 34 | 2122 | [yo]ke4or | 96 | 1.268 |
| 35 | 2168 | Detached Class Modifiers | 95 | 1.255 |
| 36 | 2199 | cpe4[yo] | 94 | 1.241 |
| 37 | 2227 | ols | 93 | 1.228 |
| 38 | 2228 | cke4y | 93 | 1.228 |
| 39 | 2329 | oce4y + s infixes | 90 | 1.188 |
| 40 | 2330 | edo | 90 | 1.188 |
| 41 | 2393 | otam variants | 88 | 1.162 |
| 42 | 2394 | o + c \| cs + e4o[lr] | 88 | 1.162 |
| 43 | 2557 | [yo]e4 \| c + [fp] | 84 | 1.109 |
| 44 | 2558 | c-sequence + e4 + [fptk] + c-sequence + e4 + y | 84 | 1.109 |
| 45 | 2559 | c[fp]e4y + added c-sequences & cfeo-Initial | 84 | 1.109 |
| 46 | 2766 | ckeo-initial | 79 | 1.043 |
| 47 | 2767 | o[fptk] endings | 79 | 1.043 |
| 48 | 2915 | ceam variants | 76 | 1.004 |
| | | **y-initial (1926)** | | |
| 1 | 96 | et[yo] | 115 | 5.690 |
| 2 | 122 | oro | 102 | 5.047 |
| 3 | 151 | ety | 93 | 4.602 |
| 4 | 361 | c \| cs + e0-4l | 64 | 3.167 |
| 5 | 387 | [yo]c[fp] | 62 | 3.068 |
| 6 | 451 | o[fptk]ce4[lrsmg] | 57 | 2.820 |
| 7 | 539 | yce4y | 53 | 2.623 |
| 8 | 540 | [fptk][yo]lc | 53 | 2.623 |
| 9 | 821 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4oly | 44 | 2.177 |
| 10 | 900 | [yo][fptk]ce4d | 42 | 2.078 |
| 11 | 973 | o[fptk]edal | 40 | 1.979 |
| 12 | 1063 | o[fptk]d | 38 | 1.880 |
| 13 | 1064 | [yo]cp | 38 | 1.880 |
| 14 | 1190 | Suspected Errata/Difficult to Categorize | 36 | 1.781 |
| 15 | 1247 | a[lr]o Endings | 35 | 1.732 |
| 16 | 1324 | odcey relatives | 34 | 1.682 |
| 17 | 1325 | [fptk][dlrs] Prefixes | 34 | 1.682 |
| 18 | 1390 | [fptk \| dlrs] prefixes to daiin | 33 | 1.633 |
| 19 | 1480 | c[fptk]e4o | 32 | 1.583 |
| 20 | 1572 | opc + e4ol | 31 | 1.534 |
| 21 | 1573 | [yo]e0-4do + e4\|i4 + [drn] & cedody | 31 | 1.534 |
| 22 | 1574 | c + e4 + [fptk] Nouns | 31 | 1.534 |
| 23 | 1662 | [rs][fptk \| l] | 30 | 1.484 |
| 24 | 1766 | otc + e4ody | 29 | 1.435 |
| 25 | 1864 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ory | 28 | 1.385 |
| 26 | 1958 | [fptk \| dlrs] prefixes to dar | 27 | 1.336 |
| 27 | 2081 | orcey relatives | 26 | 1.287 |
| 28 | 2469 | [yo]doi0-4r | 23 | 1.138 |
| 29 | 2470 | a[fptk]a | 23 | 1.138 |
| 30 | 2617 | ydai0-4[lr] | 22 | 1.089 |
| 31 | 2618 | eto | 22 | 1.089 |

| | | | | |
|---|---|---|---|---|
| 110 | ed[yoa] | 5851 | 77.264 | 119 | 41.736 |
| 125 | edy | 4981 | 65.775 | 103 | 37.225 |
| 149 | l[fptk] Prefixes | 514 | 6.787 | 39 | 32.213 |
| 185 | lk-initial | 454 | 5.995 | 34 | 28.005 |
| 196 | c + e4dy | 3053 | 40.316 | 67 | 26.684 |
| 414 | c \| c[s \| fptk] + e4dy | 1395 | 18.421 | 33 | 14.579 |
| 588 | lc-initial | 457 | 6.035 | 17 | 10.965 |
| 596 | o[fptk]ai4n | 1598 | 21.102 | 32 | 10.898 |
| 734 | ce4dy | 755 | 9.970 | 19 | 9.030 |
| 832 | a-axis of [yo][fptk][ao][lr] | 1731 | 22.858 | 31 | 8.142 |
| 857 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 230 | 3.037 | 11 | 7.963 |
| 859 | [yo]kai0-4n | 1067 | 14.090 | 22 | 7.910 |
| 907 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 186 | 2.456 | 10 | 7.544 |
| 996 | ai4[dlrsmg \| n] | 1519 | 20.059 | 27 | 6.941 |
| 1008 | okai0-4n | 994 | 13.126 | 20 | 6.874 |
| 1051 | eda | 784 | 10.353 | 17 | 6.647 |
| 1077 | okar variants | 493 | 6.510 | 13 | 6.490 |
| 1133 | cse4dy | 585 | 7.725 | 14 | 6.275 |
| 1161 | ke4dy | 217 | 2.866 | 9 | 6.134 |
| 1203 | ceal verbs | 230 | 3.037 | 9 | 5.963 |
| 1207 | l-prefix + [fptk]e0-4y | 80 | 1.056 | 7 | 5.944 |
| 1212 | o[fptk]e4dy | 1444 | 19.068 | 25 | 5.932 |
| 1215 | [tk]e4dy | 309 | 4.080 | 10 | 5.920 |
| 1241 | c[s \| fptk]e4dy | 622 | 8.214 | 14 | 5.786 |
| 1269 | ai4[dlrsmg] | 930 | 12.281 | 18 | 5.719 |
| 1277 | [dlrsmg] + c \| c[s \| fptk] + e4dy | 327 | 4.318 | 10 | 5.682 |
| 1341 | ceal variants | 269 | 3.552 | 9 | 5.448 |
| 1390 | ote4dy | 509 | 6.721 | 12 | 5.279 |
| 1404 | ea | 1195 | 15.780 | 21 | 5.220 |
| 88 | y[fptk]-initial | 1295 | 64.078 | 113 | 48.922 |
| 97 | y-initial | 1926 | 95.300 | 142 | 46.700 |
| 333 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 111.134 | 129 | 17.866 |
| 350 | Single-Letter Words | 566 | 28.006 | 45 | 16.994 |
| 410 | o[fptk]c + e0-4y | 753 | 37.259 | 52 | 14.741 |
| 757 | y + Non-[dlrs] Prefixes | 205 | 10.144 | 19 | 8.856 |
| 765 | [yo]tai0-4n | 490 | 24.246 | 33 | 8.754 |
| 769 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 733 | 36.270 | 45 | 8.730 |
| 784 | om + o[fptk \| dlrsmg]am | 454 | 22.464 | 31 | 8.536 |
| 818 | okce0-4y | 338 | 16.725 | 25 | 8.275 |
| 822 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 3168 | 156.756 | 165 | 8.244 |
| 831 | okc + e0-4 + y \| dy \| o[dlrs]y | 563 | 27.858 | 36 | 8.142 |
| 838 | otce0-4y | 281 | 13.904 | 22 | 8.096 |
| 841 | ytai0-4n | 59 | 2.919 | 11 | 8.081 |
| 843 | kc-initial | 322 | 15.933 | 24 | 8.067 |
| 893 | [fptk]ai4[dlrsmg \| n] | 411 | 20.337 | 28 | 7.663 |
| 901 | dai4n | 1140 | 56.408 | 64 | 7.592 |
| 911 | cke4[yo] | 172 | 8.511 | 16 | 7.489 |
| 1069 | [dlrsmg \| fptk] + ai4[dlrsmg] | 1444 | 71.451 | 78 | 6.549 |
| 1097 | [tk]y | 52 | 2.573 | 9 | 6.427 |
| 1157 | o[fptk \| dlrsmg][ao]m | 280 | 13.855 | 20 | 6.145 |
| 1197 | od endings | 243 | 12.024 | 18 | 5.976 |
| 1276 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 1421 | 70.313 | 76 | 5.687 |
| 1305 | [fptk]ai4[lr] | 190 | 9.401 | 15 | 5.599 |
| 1310 | dai4m | 130 | 6.433 | 12 | 5.567 |
| 1336 | g | 132 | 6.532 | 12 | 5.469 |
| 1419 | olcey relatives (non -edy) | 138 | 6.828 | 12 | 5.172 |
| 1440 | oe | 463 | 22.910 | 28 | 5.090 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 2794 | cecpey relatives | 21 | 1.039 | | | | | | | |
| | | **[sr]c-Initial (179)** | | | | | | | | | |
| 1 | 503 | cse4dy | 585 | 2.690 | 695 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 3168 | 14.569 | 24 | 9.431 |
| 2 | 511 | o[lr][yo] | 583 | 2.681 | 839 | edy | 4981 | 22.906 | 31 | 8.094 |
| 3 | 528 | cse4y | 578 | 2.658 | 1111 | o[fptk]e4dy | 1444 | 6.641 | 13 | 6.359 |
| 4 | 566 | olk | 557 | 2.561 | 1171 | ed[yoa] | 5851 | 26.907 | 33 | 6.093 |
| 5 | 751 | okar variants | 493 | 2.267 | 1292 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 733 | 3.371 | 9 | 5.629 |
| 6 | 943 | or[yoa] | 438 | 2.014 | 1366 | [dlrsmg \| fptk] + ai4[dlrsmg] | 1444 | 6.641 | 12 | 5.359 |
| 7 | 1160 | a[lr][ao][lr] | 391 | 1.798 | | | | | | |
| 8 | 1183 | ol[yo] | 388 | 1.784 | | | | | | |
| 9 | 1510 | or[oa] | 340 | 1.564 | | | | | | |
| 10 | 1525 | [yo][fp][yoa] | 339 | 1.559 | | | | | | |
| 11 | 1579 | otal variants | 333 | 1.531 | | | | | | |
| 12 | 1682 | oa | 321 | 1.476 | | | | | | |
| 13 | 1717 | o[lr]y | 318 | 1.462 | | | | | | |
| 14 | 1745 | ol[ds] | 315 | 1.449 | | | | | | |
| 15 | 1846 | oi | 304 | 1.398 | | | | | | |
| 16 | 1859 | opc + e0-4 + y \| dy \| o[dlrs]y | 302 | 1.389 | | | | | | |
| 17 | 2130 | od endings + odcey relatives | 275 | 1.265 | | | | | | |
| 18 | 2148 | o[lr]o | 274 | 1.260 | | | | | | |
| 19 | 2190 | ce4ai4n | 271 | 1.246 | | | | | | |
| 20 | 2206 | ceal variants | 269 | 1.237 | | | | | | |
| 21 | 2344 | oi4n Superset | 257 | 1.182 | | | | | | |
| 22 | 2366 | cean variants | 255 | 1.173 | | | | | | |
| 23 | 2526 | od endings | 243 | 1.117 | | | | | | |
| 24 | 2562 | ora | 241 | 1.108 | | | | | | |
| 25 | 2717 | ceal verbs | 230 | 1.058 | | | | | | |
| 26 | 2808 | old | 225 | 1.035 | | | | | | |
| 27 | 2853 | oly | 222 | 1.021 | | | | | | |
| 28 | 2892 | cteo-initial | 220 | 1.012 | | | | | | |
| | | **do (383)** | | | | | | | | |
| 1 | 318 | [yo]te4o[dlrsmg] | 341 | 3.355 | 469 | c + c[s \| fptk]e4y | 1624 | 15.980 | 29 | 13.020 |
| 2 | 337 | otal variants | 333 | 3.277 | 508 | c[s \| fptk]e4y | 887 | 8.728 | 21 | 12.272 |
| 3 | 353 | [dlrsmg] + c \| c[s \| fptk] + e4dy | 327 | 3.218 | 561 | cse4y | 578 | 5.687 | 17 | 11.313 |
| 4 | 532 | ceal variants | 269 | 2.647 | 609 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 2060 | 20.270 | 31 | 10.730 |
| 5 | 754 | ceal verbs | 230 | 2.263 | 752 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 22.100 | 31 | 8.900 |
| 6 | 1016 | [fptk] + c \| c[s \| fptk] + e4dy | 196 | 1.929 | 846 | y-initial | 1926 | 18.951 | 27 | 8.049 |
| 7 | 1065 | [fptk]ai4n | 191 | 1.879 | 998 | oi4[dlrsmg \| n] | 1124 | 11.060 | 18 | 6.940 |
| 8 | 1117 | et[yoa] | 186 | 1.830 | 1213 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 1227 | 12.073 | 18 | 5.927 |
| 9 | 1128 | o[fptk][ao]d | 185 | 1.820 | 1317 | dc-initial | 454 | 4.467 | 10 | 5.533 |
| 10 | 1209 | [sr]c-Initial | 179 | 1.761 | | | | | | |
| 11 | 1708 | [yo]te4od | 149 | 1.466 | | | | | | |
| 12 | 1920 | olcey relatives (non -edy) | 138 | 1.358 | | | | | | |
| 13 | 2041 | oc[fpt]e4y | 132 | 1.299 | | | | | | |
| 14 | 2099 | [yo]te4o[lr] | 130 | 1.279 | | | | | | |
| 15 | 2179 | [yo][fptk]e4or | 127 | 1.250 | | | | | | |
| 16 | 2180 | cedal variants | 127 | 1.250 | | | | | | |
| 17 | 2487 | rai4n | 115 | 1.132 | | | | | | |
| 18 | 2488 | et[yo] | 115 | 1.132 | | | | | | |
| 19 | 2885 | sc-initial | 103 | 1.013 | | | | | | |
| 20 | 2914 | oro | 102 | 1.004 | | | | | | |
| | | **[yo]d[ao]i0-4[lrm \| n] (880)** | | | | | | | | |
| 1 | 56 | [tk]e4dy | 309 | 6.986 | 230 | y-initial | 1926 | 43.543 | 67 | 23.457 |
| 2 | 130 | ke4dy | 217 | 4.906 | 239 | y[fptk]-initial | 1295 | 29.278 | 52 | 22.722 |
| 3 | 146 | [tk]e4o | 206 | 4.657 | 322 | [yo]dy endings | 1228 | 27.763 | 46 | 18.237 |
| 4 | 180 | [fptk]ai4n | 191 | 4.318 | 389 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 503 | 11.372 | 27 | 15.628 |
| 5 | 263 | [fptk]e0-4y | 161 | 3.640 | 412 | odai0-4[lrm \| n] | 767 | 17.340 | 32 | 14.660 |
| 6 | 379 | ke4o | 137 | 3.097 | 446 | od[ao]i0-4[lrm \| n] | 813 | 18.380 | 32 | 13.620 |
| 7 | 569 | otor variants | 113 | 2.555 | 451 | c[fptk]e4o-initial & c[fptk]e4y Superclass | 1659 | 37.507 | 51 | 13.493 |
| 8 | 719 | oro | 102 | 2.306 | 459 | yodai0-4[lrm \| n] | 832 | 18.810 | 32 | 13.190 |
| 9 | 876 | ety | 93 | 2.103 | 479 | oda | 847 | 19.149 | 32 | 12.851 |
| 10 | 911 | te4dy | 91 | 2.057 | 509 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 519 | 11.734 | 24 | 12.266 |
| 11 | 1145 | l-prefix + [fptk]e0-4y | 80 | 1.809 | 515 | [yo]d[ao]i0-4[lrm \| n] | 880 | 19.895 | 32 | 12.105 |
| 12 | 1301 | te4o | 75 | 1.696 | 531 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 445 | 10.061 | 22 | 11.939 |
| 13 | 1520 | ece Adjective | 69 | 1.560 | 558 | cse4o | 205 | 4.635 | 16 | 11.365 |
| 14 | 1612 | yd[ao]i0-4[lrm \| n] | 67 | 1.515 | 590 | c[s \| fptk]e4y | 887 | 20.053 | 31 | 10.947 |
| 15 | 1650 | osa | 66 | 1.492 | 632 | c + c[s \| fptk]e4y | 1624 | 36.716 | 47 | 10.284 |
| 16 | 1697 | ydai0-4[lrm \| n] | 65 | 1.470 | 665 | c \| c[fptk] + e4o | 228 | 5.155 | 15 | 9.845 |
| 17 | 1698 | olt | 65 | 1.470 | 768 | om + o[fptk \| dlrsmg]am | 454 | 10.264 | 19 | 8.736 |
| 18 | 1968 | qo variants | 59 | 1.334 | 855 | c[fptk]e4y | 310 | 7.009 | 15 | 7.991 |
| 19 | 2014 | otc + e4or | 58 | 1.311 | 877 | odai0-4n | 408 | 9.224 | 17 | 7.776 |
| 20 | 2015 | oi4n | 58 | 1.311 | 884 | od[ao]i0-4n | 410 | 9.269 | 17 | 7.731 |
| 21 | 2070 | odo | 57 | 1.289 | 1009 | yodai0-4n | 448 | 10.128 | 17 | 6.872 |
| 22 | 2125 | a[lr]an | 56 | 1.266 | 1015 | [yo]d[ao]i0-4n | 450 | 10.174 | 17 | 6.826 |
| 23 | 2126 | d[fptk \| drs] | 56 | 1.266 | 1040 | oe0-4s | 632 | 14.288 | 21 | 6.712 |
| 24 | 2300 | [fptk][yo]lc | 53 | 1.198 | 1082 | [yo]ce4y + infixed versions | 466 | 10.535 | 17 | 6.465 |
| 25 | 2359 | [tk]y | 52 | 1.176 | 1094 | oce4y + infixed versions | 379 | 8.568 | 15 | 6.432 |
| 26 | 2420 | [fptk] + c \| c[s \| fptk] + e4o | 51 | 1.153 | 1096 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 2060 | 46.573 | 53 | 6.427 |
| 27 | 2628 | o + c \| cs + e4ol | 48 | 1.085 | 1188 | [yo]c[s \| fptk]e4y | 353 | 7.981 | 14 | 6.019 |
| 28 | 2629 | [yo]doi0-4[lrm \| n] | 48 | 1.085 | 1240 | oc[s \| fptk]e4y | 319 | 7.212 | 13 | 5.788 |
| 29 | 2874 | [yo]doi0-4[lr] | 45 | 1.017 | 1284 | otce0-4y | 281 | 6.353 | 12 | 5.647 |
| 30 | | | | | 1291 | odai0-4[lr] | 326 | 7.370 | 13 | 5.630 |
| 31 | | | | | 1337 | oc[fptk]e4y | 289 | 6.534 | 12 | 5.466 |
| 32 | | | | | 1368 | [yo]c[fptk]e4y | 294 | 6.647 | 12 | 5.353 |
| 33 | | | | | 1426 | yodai0-4[lr] | 348 | 7.868 | 13 | 5.132 |
| | | **[yo][fptk \| dlrsmg] + c \| cs + e4o (113)** | | | | | | | | |
| 1 | 124 | a-axis of [yo][fptk][ao][lr] | 1731 | 5.025 | 938 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 230 | 0.668 | 8 | 7.332 |
| 2 | 148 | o[fptk]ai4n | 1598 | 4.639 | 1083 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 186 | 0.540 | 7 | 6.460 |
| 3 | 191 | o[fptk]e4dy | 1444 | 4.192 | 1180 | [tk]c-Initial | 667 | 1.936 | 8 | 6.064 |
| 4 | 378 | [yo]kai0-4n | 1067 | 3.098 | 1282 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 809 | 2.349 | 8 | 5.651 |
| 5 | 434 | okai0-4n | 994 | 2.886 | 1324 | l[fptk] Prefixes | 514 | 1.492 | 7 | 5.508 |
| 6 | 490 | oke4dy | 933 | 2.709 | 1446 | kc-initial | 322 | 0.935 | 6 | 5.065 |
| 7 | 635 | [ao][lr][ao][lr] Pipe/Flow | 843 | 2.447 | | | | | | |
| 8 | 1146 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 623 | 1.809 | | | | | | |
| 9 | 1283 | ai4n | 589 | 1.710 | | | | | | |
| 10 | 1435 | o[fptk]c + e0-4dy | 554 | 1.608 | | | | | | |
| 11 | 1485 | okal variants | 544 | 1.579 | | | | | | |
| 12 | 1678 | ote4dy | 509 | 1.478 | | | | | | |
| 13 | 1770 | otc + e0-4 + y \| dy \| o[dlrs]y | 493 | 1.431 | | | | | | |
| 14 | 1771 | okar variants | 493 | 1.431 | | | | | | |
| 15 | 1791 | [yo]tai0-4n | 490 | 1.423 | | | | | | |
| 16 | 2183 | otai0-4n | 430 | 1.248 | | | | | | |
| 17 | 2316 | [fptk]ai4[dlrsmg \| n] | 411 | 1.193 | | | | | | |
| 18 | 2460 | [yo]d[ao]i0-4[lr] | 393 | 1.141 | | | | | | |
| 19 | 2479 | a[lr][ao][lr] | 391 | 1.135 | | | | | | |
| 20 | 2498 | ol[yo] | 388 | 1.126 | | | | | | |
| 21 | 2597 | so | 378 | 1.097 | | | | | | |
| 22 | 2602 | ceckey relatives | 377 | 1.094 | | | | | | |

| | | | | |
|---|---|---|---|---|
| 23 | 2684 | od[ao]i0-4[lr] | 369 | 1.071 |
| 24 | 2713 | cear variants | 365 | 1.060 |
| 25 | 2899 | yodai0-4[lr] | 348 | 1.010 |
| 26 | 2930 | otar variants | 345 | 1.002 |
| | | **o[dlrs]ce4y Superset (196)** | | |
| 1 | 143 | ai4[dlrsmg] | 930 | 4.683 |
| 2 | 219 | ai4[lr] | 782 | 3.938 |
| 3 | 461 | o[fptk]c + e0-4dy | 554 | 2.790 |
| 4 | 585 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 503 | 2.533 |
| 5 | 645 | ai4r | 483 | 2.432 |
| 6 | 1042 | so | 378 | 1.903 |
| 7 | 1218 | yodai0-4[lr] | 348 | 1.752 |
| 8 | 1269 | [yo]te4o[dlrsmg] | 341 | 1.717 |
| 9 | 1374 | odai0-4[lr] | 326 | 1.642 |
| 10 | 1473 | ol[ds] | 315 | 1.586 |
| 11 | 1532 | [tk]e4dy | 309 | 1.556 |
| 12 | 1561 | ai4l | 306 | 1.541 |
| 13 | 1601 | opc + e0-4 + y \| dy \| o[dlrs]y | 302 | 1.521 |
| 14 | 1824 | o[fptk \| dlrsmg][ao]m | 280 | 1.410 |
| 15 | 1906 | ce4ai4n | 271 | 1.365 |
| 16 | 2088 | cean variants | 255 | 1.284 |
| 17 | 2262 | ora | 241 | 1.214 |
| 18 | 2286 | otol variants | 239 | 1.203 |
| 19 | 2438 | c \| c[fptk] + e4o | 228 | 1.148 |
| 20 | 2439 | [yo]d[ao]i0-4r | 228 | 1.148 |
| 21 | 2483 | old | 225 | 1.133 |
| 22 | 2525 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 222 | 1.118 |
| 23 | 2610 | ke4dy | 217 | 1.093 |
| 24 | 2641 | od[ao]i0-4r | 215 | 1.083 |
| 25 | 2671 | cean verbs | 213 | 1.073 |
| 26 | 2776 | oy + oe4y | 207 | 1.042 |
| 27 | 2818 | yodai0-4r | 205 | 1.032 |
| 28 | 2814 | cse4o | 205 | 1.032 |
| | | **o[fptk]c + e0-4dy (554)** | | |
| 1 | 10 | c[s \| fptk]e4y | 887 | 12.625 |
| 2 | 31 | cse4y | 578 | 8.227 |
| 3 | 57 | ai4r | 483 | 6.874 |
| 4 | 92 | cte4[yo] | 406 | 5.779 |
| 5 | 152 | oa | 321 | 4.569 |
| 6 | 170 | c[fptk]e4y | 310 | 4.412 |
| 7 | 179 | oi | 304 | 4.327 |
| 8 | 193 | [yo]c[fptk]e4y | 294 | 4.184 |
| 9 | 198 | oc[fptk]e4y | 289 | 4.113 |
| 10 | 230 | ceal variants | 269 | 3.829 |
| 11 | 260 | oi4n Superset | 257 | 3.658 |
| 12 | 266 | cean variants | 255 | 3.629 |
| 13 | 338 | ceal verbs | 230 | 3.274 |
| 14 | 371 | cteo-initial | 220 | 3.131 |
| 15 | 394 | cean verbs | 213 | 3.032 |
| 16 | 420 | [tk]e4o | 206 | 2.932 |
| 17 | 531 | cte4y | 186 | 2.647 |
| 18 | 607 | olo | 175 | 2.491 |
| 19 | 633 | cke4[yo] | 172 | 2.448 |
| 20 | 720 | ocke4y | 162 | 2.306 |
| 21 | 950 | oy | 141 | 2.007 |
| 22 | 999 | ke4o | 137 | 1.950 |
| 23 | 1022 | o[fptk]c + e0-4or | 135 | 1.921 |
| 24 | 1066 | oc[fpt]e4y | 132 | 1.879 |
| 25 | 1101 | [yo]te4o[lr] | 130 | 1.850 |
| 26 | 1238 | okor variants | 122 | 1.736 |
| 27 | 1389 | rai4n | 115 | 1.637 |
| 28 | 1625 | o[fptk]e4os | 106 | 1.509 |
| 29 | 1762 | o[fptk]c + e0-4o | 101 | 1.438 |
| 30 | 1830 | [yo]te4ol | 99 | 1.409 |
| 31 | 1929 | Detached Class Modifiers | 95 | 1.352 |
| 32 | 1992 | cke4y | 93 | 1.324 |
| 33 | 2052 | a[dlrsmg]c | 91 | 1.295 |
| 34 | 2173 | [yo][fptk]e4o | 88 | 1.252 |
| 35 | 2204 | yce4y + infixed versions | 87 | 1.238 |
| 36 | 2312 | c[fp]e4y + added c-sequences & cfeo-Initial | 84 | 1.196 |
| 37 | 2375 | yce4y + s infixes | 82 | 1.167 |
| 38 | 2504 | ckeo-initial | 79 | 1.124 |
| 39 | 2695 | te4o | 75 | 1.067 |
| 40 | 2795 | ykai0-4n | 73 | 1.039 |
| 41 | 2845 | o[fptk]edar | 72 | 1.025 |
| | | **o[fptk]c + e0-4ol (159)** | | |
| 1 | 95 | c \| c[s \| fptk] + e4dy | 1395 | 5.698 |
| 2 | 382 | ce4dy | 755 | 3.084 |
| 3 | 577 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 623 | 2.545 |
| 4 | 580 | c[s \| fptk]e4dy | 622 | 2.541 |
| 5 | 670 | ai4n | 589 | 2.406 |
| 6 | 679 | cse4dy | 585 | 2.390 |
| 7 | 742 | olk | 557 | 2.275 |
| 8 | 882 | l[fptk] Prefixes | 514 | 2.100 |
| 9 | 945 | okar variants | 493 | 2.014 |
| 10 | 946 | otc + e0-4 + y \| dy \| o[dlrs]y | 493 | 2.014 |
| 11 | 980 | ai4r | 483 | 1.973 |
| 12 | 1030 | o[lr]a | 469 | 1.916 |
| 13 | 1083 | lc-initial | 457 | 1.867 |
| 14 | 1100 | lk-initial | 454 | 1.855 |
| 15 | 1213 | otai0-4n | 430 | 1.757 |
| 16 | 1385 | ol[oa] | 401 | 1.638 |
| 17 | 1440 | [yo]d[ao]i0-4[lr] | 393 | 1.605 |
| 18 | 1456 | a[lr][ao][lr] | 391 | 1.597 |
| 19 | 1484 | [fp]c-Initial | 387 | 1.581 |
| 20 | 1554 | so | 378 | 1.544 |
| 21 | 1564 | ceckey relatives | 377 | 1.540 |
| 22 | 1628 | od[ao]i0-4[lr] | 369 | 1.507 |
| 23 | 1741 | [yo][fptk]e4od | 355 | 1.450 |
| 24 | 1800 | yodai0-4[lr] | 348 | 1.422 |
| 25 | 1829 | otar variants | 345 | 1.409 |
| 26 | 1918 | otal variants | 333 | 1.360 |
| 27 | 1959 | [dlrsmg] + c \| c[s \| fptk] + e4dy | 327 | 1.336 |
| 28 | 1970 | odai0-4[lr] | 326 | 1.332 |
| 29 | 2053 | oe sans oy + oe4y, oe0-4s | 317 | 1.295 |
| 30 | 2133 | [tk]e4dy | 309 | 1.262 |
| 31 | 2172 | pc-initial | 307 | 1.254 |
| 32 | 2401 | [yo][fptk]e4od + y | 284 | 1.160 |
| 33 | 2445 | c \| cs + e0-4[dlrsmg] | 281 | 1.148 |
| 34 | 2443 | otce0-4y | 281 | 1.148 |

| | | | | | |
|---|---|---|---|---|---|
| 541 | o[tk]e0-4y | 2042 | 10.282 | 22 | 11.718 |
| 1120 | ote0-4y | 731 | 3.681 | 10 | 6.319 |
| 1363 | oke0-4y | 1314 | 6.617 | 12 | 5.383 |
| 33 | ed[yoa] | 5851 | 83.276 | 158 | 74.724 |
| 50 | edy | 4981 | 70.894 | 136 | 65.106 |
| 98 | c + e4dy | 3053 | 43.453 | 90 | 46.547 |
| 148 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 1421 | 20.225 | 53 | 32.775 |
| 159 | o[fptk]c + e0-4dy | 554 | 7.885 | 39 | 31.115 |
| 161 | [yo][fptk][ao][lr] | 2688 | 38.258 | 69 | 30.742 |
| 283 | a-axis of [yo][fptk][ao][lr] | 1731 | 24.637 | 45 | 20.363 |
| 317 | o[fptk]e4dy | 1444 | 20.552 | 39 | 18.448 |
| 321 | okce0-4dy | 188 | 2.676 | 21 | 18.324 |
| 373 | okc + e0-4 + y \| dy \| o[dlrs]y | 563 | 8.013 | 24 | 15.987 |
| 648 | otar variants | 345 | 4.910 | 15 | 10.090 |
| 671 | oke4dy | 933 | 13.279 | 23 | 9.721 |
| 760 | eda | 784 | 11.159 | 20 | 8.841 |
| 880 | ote4dy | 509 | 7.245 | 15 | 7.755 |
| 888 | opc + e0-4 + y \| dy \| o[dlrs]y | 302 | 4.298 | 12 | 7.702 |
| 963 | [yo][fp][yoa] | 339 | 4.825 | 12 | 7.175 |
| 1076 | cedai4[lrsm \| n] | 527 | 7.501 | 14 | 6.499 |
| 1086 | [dlrsmg \| fptk] + ai4[dlrsmg] | 1444 | 20.552 | 27 | 6.448 |
| 1116 | [dlrsmg] + c \| c[s \| fptk] + e4dy | 327 | 4.654 | 11 | 6.346 |
| 1211 | ofc + e4 + y \| dy \| o + [lr] Superset | 75 | 1.067 | 7 | 5.933 |
| 1356 | [yo][fptk]ce4d | 42 | 0.598 | 6 | 5.402 |
| 1408 | [fptk] + c \| c[s \| fptk] + e4dy | 196 | 2.790 | 8 | 5.210 |
| 1430 | o-axis of [yo][fptk][ao][lr] | 764 | 10.874 | 16 | 5.126 |
| 1444 | ofc + e0-4 + y \| dy \| o[dlrs]y | 65 | 0.925 | 6 | 5.075 |
| 435 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 9.175 | 23 | 13.825 |
| 517 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 3168 | 12.941 | 25 | 12.059 |
| 525 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 1227 | 5.012 | 17 | 11.988 |
| 722 | [dlrsmg \| fptk] + ai4[dlrsmg] | 1444 | 5.899 | 15 | 9.101 |
| 1148 | c[fptk]e4o-initial & c[fptk]e4y Superclass | 1659 | 6.777 | 13 | 6.223 |
| 1223 | o-axis of [yo][fptk][ao][lr] | 764 | 3.121 | 9 | 5.879 |
| 1249 | [dlrsmg] + ai4[lr] + y-suffix | 1035 | 4.228 | 10 | 5.772 |
| 1372 | dai4n | 1140 | 4.657 | 10 | 5.343 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 35 | 2489 | olcey relative | 277 | 1.132 | | | | | | |
| 36 | 2735 | sai4n | 258 | 1.054 | | | | | | |
| 37 | 2777 | ek[yo] | 255 | 1.042 | | | | | | |
| | | **o[fptk]c + e0-4or (135)** | | | | | | | | |
| 1 | 133 | c \| c[s \| fptk] + e4dy | 1395 | 4.838 | 512 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 7.790 | 20 | 12.210 |
| 2 | 252 | [yo]kai0-4n | 1067 | 3.701 | 625 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 733 | 2.542 | 13 | 10.458 |
| 3 | 307 | okai0-4n | 994 | 3.447 | 848 | dai4n | 1140 | 3.954 | 12 | 8.046 |
| 4 | 344 | oke4dy | 933 | 3.236 | 986 | [dlrsmg \| fptk] + ai4n | 1724 | 5.979 | 13 | 7.021 |
| 5 | 354 | [yo][fptk]e4o[dlrsmg] | 924 | 3.205 | 1191 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 3168 | 10.988 | 17 | 6.012 |
| 6 | 486 | eda | 784 | 2.719 | | | | | | |
| 7 | 543 | ce4dy | 755 | 2.619 | | | | | | |
| 8 | 839 | c[s \| fptk]e4dy | 622 | 2.157 | | | | | | |
| 9 | 932 | cse4dy | 585 | 2.029 | | | | | | |
| 10 | 935 | [yo]ke4o[dlrsmg] | 584 | 2.025 | | | | | | |
| 11 | 955 | cse4y | 578 | 2.005 | | | | | | |
| 12 | 1023 | o[fptk]c + e0-4dy | 554 | 1.921 | | | | | | |
| 13 | 1121 | cedai4[lrsm \| n] | 527 | 1.828 | | | | | | |
| 14 | 1188 | l[fptk] Prefixes | 514 | 1.783 | | | | | | |
| 15 | 1284 | okar variants | 493 | 1.710 | | | | | | |
| 16 | 1407 | o[lr]a | 469 | 1.627 | | | | | | |
| 17 | 1439 | oe | 463 | 1.606 | | | | | | |
| 18 | 1478 | lc-initial | 457 | 1.585 | | | | | | |
| 19 | 1493 | lk-initial | 454 | 1.575 | | | | | | |
| 20 | 1515 | [yo]d[ao]i0-4n | 450 | 1.561 | | | | | | |
| 21 | 1529 | [yo][fptk]e4o[lr] | 449 | 1.557 | | | | | | |
| 22 | 1536 | yodai0-4n | 448 | 1.554 | | | | | | |
| 23 | 1653 | otai0-4n | 430 | 1.491 | | | | | | |
| 24 | 1786 | [fptk]ai4[dlrsmg \| n] | 411 | 1.425 | | | | | | |
| 25 | 1797 | od[ao]i0-4n | 410 | 1.422 | | | | | | |
| 26 | 1813 | odai0-4n | 408 | 1.415 | | | | | | |
| 27 | 1948 | [fp]c-Initial | 387 | 1.342 | | | | | | |
| 28 | 2127 | cear variants | 365 | 1.266 | | | | | | |
| 29 | 2221 | [yo][fptk]e4od | 355 | 1.231 | | | | | | |
| 30 | 2310 | tc-initial | 345 | 1.197 | | | | | | |
| 31 | 2308 | [yo]c + e4o Superclass | 345 | 1.197 | | | | | | |
| 32 | 2341 | [yo]te4o[dlrsmg] | 341 | 1.183 | | | | | | |
| 33 | 2348 | or[oa] | 340 | 1.179 | | | | | | |
| 34 | 2481 | [dlrsmg] + c \| c[s \| fptk] + e4dy | 327 | 1.134 | | | | | | |
| 35 | 2531 | [yo][fptk]e4ol | 322 | 1.117 | | | | | | |
| 36 | 2572 | [yo]ke4o[lr] | 319 | 1.106 | | | | | | |
| 37 | 2591 | oe sans oy + oe4y, oe0-4s | 317 | 1.099 | | | | | | |
| 38 | 2680 | [tk]e4dy | 309 | 1.072 | | | | | | |
| 39 | 2700 | pc-initial | 307 | 1.065 | | | | | | |
| 40 | 2705 | ai4l | 306 | 1.061 | | | | | | |
| 41 | 2739 | cear verbs | 303 | 1.051 | | | | | | |
| | | **o[fptk]c + e0-4y (753)** | | | | | | | | |
| 1 | 13 | ai4n | 589 | 11.394 | 138 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 1421 | 27.490 | 62 | 34.510 |
| 2 | 171 | c \| c[fptk] + e4o | 228 | 4.411 | 165 | o[fptk]c + e0-4y | 753 | 14.567 | 44 | 29.433 |
| 3 | 172 | ola | 228 | 4.411 | 266 | okc + e0-4 + y \| dy \| o[dlrs]y | 563 | 10.891 | 32 | 21.109 |
| 4 | 380 | ce4o | 160 | 3.095 | 334 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 3168 | 61.286 | 79 | 17.714 |
| 5 | 388 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 158 | 3.057 | 342 | okce0-4y | 338 | 6.539 | 24 | 17.461 |
| 6 | 546 | orai0-4n | 135 | 2.612 | 364 | [yo]dy endings | 1228 | 23.756 | 40 | 16.244 |
| 7 | 625 | [yo][fptk]e4or | 127 | 2.457 | 402 | [tk]c-Initial | 667 | 12.903 | 28 | 15.097 |
| 8 | 641 | olai0-4n | 126 | 2.438 | 433 | ote0-4y | 731 | 14.141 | 28 | 13.859 |
| 9 | 779 | Consonant Clusters | 115 | 2.225 | 476 | c[fptk]e4o-initial & c[fptk]e4y Superclass | 1659 | 32.094 | 45 | 12.906 |
| 10 | 1094 | [yo]ke4or | 96 | 1.857 | 487 | [dlrsmg \| fptk] + ai4n | 1724 | 33.351 | 46 | 12.649 |
| 11 | 1158 | ols | 93 | 1.799 | 575 | cte4[yo] | 406 | 7.854 | 19 | 11.146 |
| 12 | 1210 | te4dy | 91 | 1.760 | 591 | dai4n | 1140 | 22.054 | 33 | 10.946 |
| 13 | 1231 | edo | 90 | 1.741 | 622 | o[tk]e0-4y | 2042 | 39.503 | 50 | 10.497 |
| 14 | 1265 | c \| cs + e0-4d | 89 | 1.722 | 685 | do | 383 | 7.409 | 17 | 9.591 |
| 15 | 1295 | o + c \| cs + e4o[lr] | 88 | 1.702 | 687 | otce0-4y | 281 | 5.436 | 15 | 9.564 |
| 16 | 1296 | [yo][fptk]e4o | 88 | 1.702 | 794 | otc + e0-4 + y \| dy \| o[dlrs]y | 493 | 9.537 | 18 | 8.463 |
| 17 | 1323 | yce4y + infixed versions | 87 | 1.683 | 865 | [fptk]e0-4y | 161 | 3.115 | 11 | 7.885 |
| 18 | 1472 | yce4y + s infixes | 82 | 1.586 | 876 | [dlrsmg \| fptk]e0-4y | 735 | 14.219 | 22 | 7.781 |
| 19 | 1590 | dl Consonant clusters | 79 | 1.528 | 878 | kc-initial | 322 | 6.229 | 14 | 7.771 |
| 20 | 1591 | ckeo-initial | 79 | 1.528 | 939 | tc-initial | 345 | 6.674 | 14 | 7.326 |
| 21 | 1695 | ceam variants | 76 | 1.470 | 957 | o-axis of [yo][fptk][ao][lr] | 764 | 14.780 | 22 | 7.220 |
| 22 | 1965 | ece Adjective | 69 | 1.335 | 989 | c[fptk]e4y | 310 | 5.997 | 13 | 7.003 |
| 23 | 2002 | yc + e4o[lr] | 68 | 1.315 | 1020 | otor variants | 113 | 2.186 | 9 | 6.814 |
| 24 | 2003 | e-initial | 68 | 1.315 | 1107 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 445 | 8.609 | 15 | 6.391 |
| 25 | 2106 | oe4y | 66 | 1.277 | 1150 | dc-initial | 454 | 8.783 | 15 | 6.217 |
| 26 | 2160 | olt | 65 | 1.257 | 1196 | [dlrsmg] + ai4[lr] + y-suffix | 1035 | 20.022 | 26 | 5.978 |
| 27 | 2205 | c \| cs + e0-4l | 64 | 1.238 | 1214 | o[fptk]c + e0-4ol | 159 | 3.076 | 9 | 5.924 |
| 28 | 2347 | ceam verbs | 61 | 1.180 | 1262 | cteo-initial | 220 | 4.256 | 10 | 5.744 |
| 29 | 2398 | c + e4 + [fptk] Endings | 60 | 1.161 | 1268 | otc + e4ol | 66 | 1.277 | 7 | 5.723 |
| 30 | 2399 | [yo][fptk]e4d | 60 | 1.161 | 1327 | opai0-4n | 26 | 0.503 | 6 | 5.497 |
| 31 | 2456 | qo variants | 59 | 1.141 | 1347 | opai0-4n | 29 | 0.561 | 6 | 5.439 |
| 32 | 2457 | o[fptk]edai4n | 59 | 1.141 | 1357 | cte4y | 186 | 3.598 | 9 | 5.402 |
| 33 | 2458 | [yo]fa | 59 | 1.141 | 1406 | om + o[fptk \| dlrsmg]am | 454 | 8.783 | 14 | 5.217 |
| 34 | 2459 | ytai0-4n | 59 | 1.141 | 1445 | [dlrsmg \| fptk] + ai4[dlrsmg] | 1444 | 27.935 | 33 | 5.065 |
| 35 | 2513 | oi4n | 58 | 1.122 | 1454 | o[fptk]c + e0-4o | 101 | 1.954 | 7 | 5.046 |
| 36 | 2842 | yce4y | 53 | 1.025 | | | | | | |
| | | **o[fptk]c + e4od (21)** | | | | | | | | |
| 1 | 1739 | [yo][fptk][ao][lr] | 2688 | 1.450 | | | | | | |
| 2 | 2267 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 1.212 | | | | | | |
| 3 | 2550 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 2060 | 1.111 | | | | | | |
| 4 | 2586 | o[tk]e0-4y | 2042 | 1.102 | | | | | | |
| | | **o[fptk]c + e4ody (75)** | | | | | | | | |
| 1 | 505 | c \| c[s \| fptk] + e4dy | 1395 | 2.688 | 1393 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 1421 | 2.738 | 8 | 5.262 |
| 2 | 913 | [yo]kai0-4n | 1067 | 2.056 | | | | | | |
| 3 | 1031 | okai0-4n | 994 | 1.915 | | | | | | |
| 4 | 1161 | oke4dy | 933 | 1.798 | | | | | | |
| 5 | 1173 | ai4[dlrsmg] | 930 | 1.792 | | | | | | |
| 6 | 1418 | ol[dtk] | 842 | 1.622 | | | | | | |
| 7 | 1527 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 809 | 1.559 | | | | | | |
| 8 | 1622 | eda | 784 | 1.511 | | | | | | |
| 9 | 1629 | ai4[lr] | 782 | 1.507 | | | | | | |
| 10 | 1731 | ce4dy | 755 | 1.455 | | | | | | |
| 11 | 1806 | ce4y | 737 | 1.420 | | | | | | |
| 12 | 1811 | [dlrsmg \| fptk]e0-4y | 735 | 1.416 | | | | | | |
| 13 | 2296 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 623 | 1.200 | | | | | | |
| 14 | 2299 | c[s \| fptk]e4dy | 622 | 1.198 | | | | | | |
| 15 | 2309 | ol[tk] | 621 | 1.197 | | | | | | |
| 16 | 2496 | cse4dy | 585 | 1.127 | | | | | | |
| 17 | 2502 | [yo]ke4o[dlrsmg] | 584 | 1.125 | | | | | | |
| 18 | 2535 | cse4y | 578 | 1.114 | | | | | | |
| 19 | 2664 | olk | 557 | 1.073 | | | | | | |
| 20 | 2878 | cedai4[lrsm \| n] | 527 | 1.015 | | | | | | |
| | | **o[fptk]c + e4os (15)** | | | | | | | | |
| 1 | 759 | ed[yoa] | 5851 | 2.255 | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 1024 | edy | 4981 | 1.920 | | | | | | |
| 3 | 2243 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 3168 | 1.221 | | | | | | |
| 4 | 2355 | c + e4dy | 3053 | 1.177 | | | | | | |
| 5 | 2807 | [yo][fptk][ao][lr] | 2688 | 1.036 | | | | | | |
| | | **[yo]c + e4o Superclass (345)** | | | | | | | | |
| 1 | 60 | ce4dy | 755 | 6.692 | 326 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 19.907 | 38 | 18.093 |
| 2 | 160 | ote4dy | 509 | 4.511 | 783 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 503 | 4.458 | 13 | 8.542 |
| 3 | 178 | [yo]tai0-4n | 490 | 4.343 | 791 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 733 | 6.497 | 15 | 8.503 |
| 4 | 218 | ek[yoa] | 446 | 3.953 | 944 | c[fptk]e4o-initial & c[fptk]e4y Superclass | 1659 | 14.704 | 22 | 7.296 |
| 5 | 231 | otai0-4n | 430 | 3.811 | 973 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 1227 | 10.875 | 18 | 7.125 |
| 6 | 417 | otal variants | 333 | 2.952 | 992 | lk-initial | 454 | 4.024 | 11 | 6.976 |
| 7 | 485 | pc-initial | 307 | 2.721 | 1021 | [yo][fptk]e4o[dlrsmg] | 924 | 8.190 | 15 | 6.810 |
| 8 | 628 | olcey relative | 277 | 2.455 | 1087 | l[fptk] Prefixes | 514 | 4.556 | 11 | 6.444 |
| 9 | 755 | ek[yo] | 255 | 2.260 | 1140 | c[fptk]e4y | 310 | 2.748 | 9 | 6.252 |
| 10 | 852 | ora | 241 | 2.136 | 1238 | od[ao]i0-4[lrm \| n] | 813 | 7.206 | 13 | 5.794 |
| 11 | 984 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 222 | 1.968 | 1265 | od[ao]i0-4[lr] | 369 | 3.271 | 9 | 5.729 |
| 12 | 1020 | eky | 217 | 1.923 | 1321 | [yo]d[ao]i0-4[lr] | 393 | 3.483 | 9 | 5.517 |
| 13 | 1234 | [fptk] + c \| c[s \| fptk] + e4dy | 196 | 1.737 | 1412 | [yo]d[ao]i0-4[lrm \| n] | 880 | 7.800 | 13 | 5.200 |
| 14 | 1307 | eka | 191 | 1.693 | 1433 | [yo]dy endings | 1228 | 10.884 | 16 | 5.116 |
| 15 | 1317 | [dlrsmg] + ai4r | 190 | 1.684 | | | | | | |
| 16 | 1318 | dairol/soral relatives | 190 | 1.684 | | | | | | |
| 17 | 1396 | o[fptk]eda[lrsm \| n] | 184 | 1.631 | | | | | | |
| 18 | 1519 | cedar variants | 176 | 1.560 | | | | | | |
| 19 | 1595 | otce0-4dy | 172 | 1.525 | | | | | | |
| 20 | 1596 | [yo]ce4y + s infixes | 172 | 1.525 | | | | | | |
| 21 | 1995 | [dlrsmg]ai4m | 149 | 1.321 | | | | | | |
| 22 | 2241 | olcey relatives (non -edy) | 138 | 1.223 | | | | | | |
| 23 | 2307 | orai0-4n | 135 | 1.197 | | | | | | |
| 24 | 2423 | dai4m | 130 | 1.152 | | | | | | |
| 25 | 2424 | [yo]te4o[lr] | 130 | 1.152 | | | | | | |
| 26 | 2500 | cedal variants | 127 | 1.126 | | | | | | |
| 27 | 2864 | rai4n | 115 | 1.019 | | | | | | |
| 28 | 2924 | [yo][fptk\| dlrsmg] + c \| cs + e4o | 113 | 1.002 | | | | | | |
| 29 | 2926 | [yo]ce4y | 113 | 1.002 | | | | | | |
| 30 | 2927 | otor variants | 113 | 1.002 | | | | | | |
| | | **[yo]c[fptk]e4y (294)** | | | | | | | | |
| 1 | 12 | ai4[dlrsmg \| n] | 1519 | 11.473 | 842 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 3168 | 23.928 | 32 | 8.072 |
| 2 | 54 | ai4[dlrsmg] | 930 | 7.024 | 985 | [yo][fptk]e4o[dlrsmg] | 924 | 6.979 | 14 | 7.021 |
| 3 | 83 | ai4[lr] | 782 | 5.907 | 1053 | ol[dtk] | 842 | 6.360 | 13 | 6.640 |
| 4 | 140 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 623 | 4.706 | 1079 | [yo]ce4y + infixed versions | 466 | 3.520 | 10 | 6.480 |
| 5 | 165 | ai4n | 589 | 4.449 | 1146 | o-axis of [yo][fptk][ao][lr] | 764 | 5.771 | 12 | 6.229 |
| 6 | 176 | cse4y | 578 | 4.366 | 1159 | oce4y + infixed versions | 379 | 2.863 | 9 | 6.137 |
| 7 | 249 | okar variants | 493 | 3.724 | 1195 | [dlrsmg \| fptk] + ai4n | 1724 | 13.022 | 19 | 5.978 |
| 8 | 262 | ai4r | 483 | 3.648 | 1220 | okal variants | 544 | 4.109 | 10 | 5.891 |
| 9 | 441 | ceckey relatives | 377 | 2.848 | 1235 | oc[fptk]e4y | 289 | 2.183 | 8 | 5.817 |
| 10 | 548 | otar variants | 345 | 2.606 | 1244 | [yo]c[fptk]e4y | 294 | 2.221 | 8 | 5.779 |
| 11 | 707 | [tk]e4dy | 309 | 2.334 | 1306 | oc[s \| fptk]e4y | 319 | 2.409 | 8 | 5.591 |
| 12 | 715 | ai4l | 306 | 2.311 | 1308 | o[tk]e0-4y | 2042 | 15.424 | 21 | 5.576 |
| 13 | 860 | c \| cs + e0-4[dlrsmg] | 281 | 2.122 | 1376 | [yo]c[s \| fptk]e4y | 353 | 2.666 | 8 | 5.334 |
| 14 | 930 | ceal variants | 269 | 2.032 | 1416 | [dlrsmg] + ai4[lr] + y-suffix | 1035 | 7.818 | 13 | 5.182 |
| 15 | 1235 | ceal verbs | 230 | 1.737 | 1443 | oke0-4y | 1314 | 9.925 | 15 | 5.075 |
| 16 | 1236 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 230 | 1.737 | | | | | | |
| 17 | 1264 | c \| c[fptk] + e4o | 228 | 1.722 | | | | | | |
| 18 | 1384 | ke4dy | 217 | 1.639 | | | | | | |
| 19 | 1577 | om | 203 | 1.533 | | | | | | |
| 20 | 1621 | [yo][fp]a | 200 | 1.511 | | | | | | |
| 21 | 1656 | cectey relatives | 197 | 1.488 | | | | | | |
| 22 | 1675 | [fptk] + c \| c[s \| fptk] + e4dy | 196 | 1.480 | | | | | | |
| 23 | 1782 | cedaiin variants | 189 | 1.428 | | | | | | |
| 24 | 1807 | c \| cs + e0-4s | 188 | 1.420 | | | | | | |
| 25 | 1832 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 186 | 1.405 | | | | | | |
| 26 | 1833 | et[yoa] | 186 | 1.405 | | | | | | |
| 27 | 1931 | ko | 179 | 1.352 | | | | | | |
| 28 | 2038 | cke4[yo] | 172 | 1.299 | | | | | | |
| 29 | 2188 | ce0-4s | 165 | 1.246 | | | | | | |
| 30 | 2259 | [fptk]e0-4y | 161 | 1.216 | | | | | | |
| 31 | 2274 | ce4o | 160 | 1.209 | | | | | | |
| 32 | 2292 | opce0-4dy | 159 | 1.201 | | | | | | |
| 33 | 2501 | [dlrsmg]ai4m | 149 | 1.125 | | | | | | |
| 34 | 2669 | ece Noun | 142 | 1.073 | | | | | | |
| 35 | 2699 | [yo]pa | 141 | 1.065 | | | | | | |
| | | **[yo]ce4y (113)** | | | | | | | | |
| 1 | 204 | c \| c[s \| fptk] + e4dy | 1395 | 4.050 | 1448 | [tk]c-Initial | 667 | 1.936 | 7 | 5.064 |
| 2 | 581 | [dlrsmg]ai4[lr] | 875 | 2.540 | | | | | | |
| 3 | 638 | ol[dtk] | 842 | 2.444 | | | | | | |
| 4 | 690 | od[ao]i0-4[lrm \| n] | 813 | 2.360 | | | | | | |
| 5 | 740 | eda | 784 | 2.276 | | | | | | |
| 6 | 775 | odai0-4[lrm \| n] | 767 | 2.227 | | | | | | |
| 7 | 784 | o-axis of [yo][fptk][ao][lr] | 764 | 2.218 | | | | | | |
| 8 | 808 | ce4dy | 755 | 2.192 | | | | | | |
| 9 | 855 | o[lr][oa] | 735 | 2.134 | | | | | | |
| 10 | 1148 | c[s \| fptk]e4dy | 622 | 1.806 | | | | | | |
| 11 | 1152 | ol[tk] | 621 | 1.803 | | | | | | |
| 12 | 1298 | cse4dy | 585 | 1.698 | | | | | | |
| 13 | 1331 | cse4y | 578 | 1.678 | | | | | | |
| 14 | 1422 | olk | 557 | 1.617 | | | | | | |
| 15 | 1583 | cedai4[lrsm \| n] | 527 | 1.530 | | | | | | |
| 16 | 1679 | ote4dy | 509 | 1.478 | | | | | | |
| 17 | 1916 | o[lr]a | 469 | 1.362 | | | | | | |
| 18 | 2000 | om + o[fptk \| dlrsmg]am | 454 | 1.318 | | | | | | |
| 19 | 2023 | [yo][fptk]e4o[lr] | 449 | 1.303 | | | | | | |
| 20 | 2056 | ek[yoa] | 446 | 1.295 | | | | | | |
| 21 | 2117 | or[yoa] | 438 | 1.272 | | | | | | |
| 22 | 2324 | od[ao]i0-4n | 410 | 1.190 | | | | | | |
| 23 | 2338 | odai0-4n | 408 | 1.184 | | | | | | |
| 24 | 2384 | ol[oa] | 401 | 1.164 | | | | | | |
| 25 | 2461 | [yo]d[ao]i0-4[lr] | 393 | 1.141 | | | | | | |
| 26 | 2509 | [fp]c-Initial | 387 | 1.124 | | | | | | |
| 27 | 2598 | so | 378 | 1.097 | | | | | | |
| 28 | 2603 | ceckey relatives | 377 | 1.094 | | | | | | |
| 29 | 2685 | od[ao]i0-4[lr] | 369 | 1.071 | | | | | | |
| 30 | 2844 | [yo]c[s \| fptk]e4y | 353 | 1.025 | | | | | | |
| 31 | 2900 | yodai0-4[lr] | 348 | 1.010 | | | | | | |
| 32 | 2925 | [yo]c + e4o Superclass | 345 | 1.002 | | | | | | |
| | | **om + o[fptk \| dlrsmg]am (454)** | | | | | | | | |
| 1 | 22 | ai4[lr] | 782 | 9.121 | 202 | y-initial | 1926 | 22.464 | 48 | 25.536 |
| 2 | 81 | l[fptk] Prefixes | 514 | 5.995 | 406 | [yo]c + e4o Superclass | 345 | 4.024 | 19 | 14.976 |
| 3 | 97 | ai4r | 483 | 5.634 | 656 | tc-initial | 345 | 4.024 | 14 | 9.976 |
| 4 | 111 | lk-initial | 454 | 5.295 | 675 | om + o[fptk \| dlrsmg]am | 454 | 5.295 | 15 | 9.705 |
| 5 | 159 | [fp]c-Initial | 387 | 4.514 | 887 | dc-initial | 454 | 5.295 | 13 | 7.705 |

| | | | | |
|---|---|---|---|---|
| 6 | 254 | ol[ds] | 315 | 3.674 |
| 7 | 274 | pc-initial | 307 | 3.581 |
| 8 | 277 | ai4l | 306 | 3.569 |
| 9 | 336 | c \| cs + e0-4[dlrsmg] | 281 | 3.278 |
| 10 | 508 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 230 | 2.683 |
| 11 | 537 | old | 225 | 2.624 |
| 12 | 588 | ke4dy | 217 | 2.531 |
| 13 | 662 | [yo]ke4od | 207 | 2.414 |
| 14 | 709 | [yo][fp]a | 200 | 2.333 |
| 15 | 774 | eka | 191 | 2.228 |
| 16 | 789 | [fptk]ai4[lr] | 190 | 2.216 |
| 17 | 806 | c \| cs + e0-4s | 188 | 2.193 |
| 18 | 829 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 186 | 2.169 |
| 19 | 915 | cedar variants | 176 | 2.053 |
| 20 | 953 | cke4[yo] | 172 | 2.006 |
| 21 | 1018 | ce0-4s | 165 | 1.925 |
| 22 | 1055 | ocke4y | 162 | 1.890 |
| 23 | 1068 | [fptk]e0-4y | 161 | 1.878 |
| 24 | 1368 | [yo]pa | 141 | 1.645 |
| 25 | 1369 | oy | 141 | 1.645 |
| 26 | 1565 | g | 132 | 1.540 |
| 27 | 1608 | [yo]te4o[lr] | 130 | 1.516 |
| 28 | 1673 | [yo][fptk]e4or | 127 | 1.481 |
| 29 | 1950 | rai4n | 115 | 1.341 |
| 30 | 2057 | [yo][fp]ai0-4[rn] | 111 | 1.295 |
| 31 | 2326 | cse0-4s | 102 | 1.190 |
| 32 | 2411 | [yo]te4ol | 99 | 1.155 |
| 33 | 2453 | o[tk]e4s | 98 | 1.143 |
| 34 | 2517 | [yo]ke4or | 96 | 1.120 |
| 35 | 2599 | cpe4[yo] | 94 | 1.096 |
| 36 | 2634 | ols | 93 | 1.085 |
| 37 | 2635 | cke4y | 93 | 1.085 |
| 38 | 2666 | a[dlrsmg]am | 92 | 1.073 |
| 39 | 2704 | a[dlrsmg]c | 91 | 1.061 |
| 40 | 2740 | edo | 90 | 1.050 |
| 41 | 2801 | c \| cs + e0-4d | 89 | 1.038 |
| 42 | 2833 | o + c \| cs + e4o[lr] | 88 | 1.026 |
| 43 | 2834 | otod variants | 88 | 1.026 |
| | | **[yo][fptk]e4o[dlrsmg] (924)** | | |
| 1 | 49 | pc-initial | 307 | 7.288 |
| 2 | 51 | opc + e0-4 + y \| dy \| o[dlrs]y | 302 | 7.169 |
| 3 | 65 | ce4ai4n | 271 | 6.433 |
| 4 | 78 | cean variants | 255 | 6.053 |
| 5 | 120 | cean verbs | 213 | 5.056 |
| 6 | 132 | y + Non-[dlrs] Prefixes | 205 | 4.866 |
| 7 | 158 | eka | 191 | 4.534 |
| 8 | 161 | [dlrsmg] + ai4r | 190 | 4.510 |
| 9 | 163 | cedaiin variants | 189 | 4.487 |
| 10 | 168 | et[yoa] | 186 | 4.415 |
| 11 | 202 | otce0-4dy | 172 | 4.083 |
| 12 | 237 | opce0-4dy | 159 | 3.774 |
| 13 | 481 | et[yo] | 115 | 2.730 |
| 14 | 510 | [yo][fptk\| dlrsmg] + c \| cs + e4o | 113 | 2.682 |
| 15 | 535 | opce0-4y | 111 | 2.635 |
| 16 | 675 | o[fptk]c + e0-4o | 101 | 2.398 |
| 17 | 796 | ety | 93 | 2.208 |
| 18 | 815 | a[dlrsmg]am | 92 | 2.184 |
| 19 | 905 | yce4y + infixed versions | 87 | 2.065 |
| 20 | 941 | dcedy relatives | 85 | 2.018 |
| 21 | 966 | c[fp]e4y + added c-sequences & cfeo-Initial | 84 | 1.994 |
| 22 | 983 | a[lr][fptk] | 83 | 1.970 |
| 23 | 1001 | yce4y + s infixes | 82 | 1.947 |
| 24 | 1069 | dl Consonant clusters | 79 | 1.875 |
| 25 | 1070 | o[fptk] endings | 79 | 1.875 |
| 26 | 1149 | okam variants | 76 | 1.804 |
| 27 | 1197 | ofc + e4 + y \| dy \| o + [lr] Superset | 75 | 1.780 |
| 28 | 1242 | ykai0-4n | 73 | 1.733 |
| 29 | 1314 | eta | 71 | 1.685 |
| 30 | 1351 | [yo]po | 70 | 1.662 |
| 31 | 1386 | c[fp]e4y + added c-sequences | 69 | 1.638 |
| 32 | 1428 | yc + e4o[lr] | 68 | 1.614 |
| 33 | 1467 | yd[ao]i0-4[lrm \| n] | 67 | 1.590 |
| 34 | 1505 | otc + e4ol | 66 | 1.567 |
| 35 | 1506 | o[fptk][ao]s | 66 | 1.567 |
| 36 | 1557 | ofc + e0-4 + y \| dy \| o[dlrs]y | 65 | 1.543 |
| 37 | 1558 | ydai0-4[lrm \| n] | 65 | 1.543 |
| 38 | 1691 | cear nouns | 62 | 1.472 |
| 39 | 1692 | [yo]c[fp] | 62 | 1.472 |
| 40 | 1788 | e[tk]o | 60 | 1.424 |
| 41 | 1839 | qo variants | 59 | 1.401 |
| 42 | 1840 | o[fptk]edai4n | 59 | 1.401 |
| 43 | 1881 | o[tk][ao]s | 58 | 1.377 |
| 44 | 1882 | otc + e4or | 58 | 1.377 |
| 45 | 1927 | [yo]cse4y | 57 | 1.353 |
| 46 | 1973 | d[fptk \| drs] | 56 | 1.329 |
| 47 | 2157 | Double c-Sequence Nouns | 53 | 1.258 |
| 48 | 2158 | [fptk][yo]lc | 53 | 1.258 |
| 49 | 2159 | yce4y | 53 | 1.258 |
| 50 | 2215 | [tk]y | 52 | 1.234 |
| 51 | 2270 | [fptk] + c \| c[s \| fptk] + e4o | 51 | 1.211 |
| 52 | 2386 | [dlrsmg] + c \| c[s \| fptk] + e4o | 49 | 1.163 |
| 53 | 2387 | okc + e4o | 49 | 1.163 |
| 54 | 2760 | [yo][fp]y | 44 | 1.045 |
| 55 | 2761 | otc + e4o | 44 | 1.045 |
| 56 | 2856 | cean nouns | 43 | 1.021 |
| | | **[yo][fptk]e4od + y (284)** | | |
| 1 | 206 | o[fptk]c + e0-4dy | 554 | 4.042 |
| 2 | 342 | ek[yoa] | 446 | 3.254 |
| 3 | 401 | [fptk]ai4[dlrsmg \| n] | 411 | 2.999 |
| 4 | 448 | [fp]c-Initial | 387 | 2.824 |
| 5 | 527 | cear variants | 365 | 2.663 |
| 6 | 599 | tc-initial | 345 | 2.517 |
| 7 | 764 | pc-initial | 307 | 2.240 |
| 8 | 767 | ai4l | 306 | 2.233 |
| 9 | 783 | oi | 304 | 2.218 |
| 10 | 793 | cear verbs | 303 | 2.211 |
| 11 | 800 | opc + e0-4 + y \| dy \| o[dlrs]y | 302 | 2.203 |
| 12 | 939 | olcey relative | 277 | 2.021 |
| 13 | 978 | ce4ai4n | 271 | 1.977 |

| | | | | |
|---|---|---|---|---|
| 902 | so | 378 | 4.409 | 12 | 7.591 |
| 956 | [tk]c-Initial | 667 | 7.780 | 15 | 7.220 |
| 1024 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 26.197 | 33 | 6.803 |
| 1033 | [yo]d[ao]i0-4n | 450 | 5.249 | 12 | 6.751 |
| 1054 | oe0-4s | 632 | 7.371 | 14 | 6.629 |
| 1139 | oa | 321 | 3.744 | 10 | 6.256 |
| 1149 | od[ao]i0-4n | 410 | 4.782 | 11 | 6.218 |
| 1182 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 3168 | 36.951 | 43 | 6.049 |
| 1194 | [yo]ce4y + s infixes | 172 | 2.006 | 8 | 5.994 |
| 1246 | yodai0-4n | 448 | 5.225 | 11 | 5.775 |
| 1263 | [yo]d[ao]i0-4[lrm \| n] | 880 | 10.264 | 16 | 5.736 |
| 1264 | o[fptk \| dlrsmg][ao]m | 280 | 3.266 | 9 | 5.734 |
| 1289 | om | 203 | 2.368 | 8 | 5.632 |
| 1303 | oe | 463 | 5.400 | 11 | 5.600 |
| 1383 | yodai0-4[lrm \| n] | 832 | 9.704 | 15 | 5.296 |
| 1401 | odai0-4n | 408 | 4.759 | 10 | 5.241 |
| 1409 | yc + e4o[lr] | 68 | 0.793 | 6 | 5.207 |
| 1432 | oda | 847 | 9.879 | 15 | 5.121 |
| | | | | | |
| 109 | [yo][fptk]e4o[dlrsmg] | 924 | 21.934 | 64 | 42.066 |
| 224 | [yo]ke4o[dlrsmg] | 584 | 13.863 | 38 | 24.137 |
| 231 | [yo][fptk]e4o[lr] | 449 | 10.659 | 34 | 23.341 |
| 250 | [yo][fptk]e4ol | 322 | 7.644 | 30 | 22.356 |
| 332 | [yo]te4o[dlrsmg] | 341 | 8.095 | 26 | 17.905 |
| 348 | ai4n | 589 | 13.982 | 31 | 17.018 |
| 352 | ai4[dlrsmg \| n] | 1519 | 36.059 | 53 | 16.941 |
| 378 | [yo]dy endings | 1228 | 29.151 | 45 | 15.849 |
| 418 | [yo]ke4o[lr] | 319 | 7.573 | 22 | 14.427 |
| 440 | [yo]ke4ol | 223 | 5.294 | 19 | 13.706 |
| 442 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 53.317 | 67 | 13.683 |
| 462 | ocke4y | 162 | 3.846 | 17 | 13.154 |
| 489 | [yo][fptk]e4od | 355 | 8.427 | 21 | 12.573 |
| 524 | oce4y + infixed versions | 379 | 8.997 | 21 | 12.003 |
| 577 | oc[fptk]e4y | 289 | 6.860 | 18 | 11.140 |
| 585 | [yo]c[fptk]e4y | 294 | 6.979 | 18 | 11.021 |
| 627 | oc[s \| fptk]e4y | 319 | 7.573 | 18 | 10.427 |
| 638 | [yo][fptk]e4od + y | 284 | 6.742 | 17 | 10.258 |
| 659 | [yo]ce4y + infixed versions | 466 | 11.062 | 21 | 9.938 |
| 680 | [yo]c[s \| fptk]e4y | 353 | 8.380 | 18 | 9.620 |
| 730 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 503 | 11.941 | 21 | 9.060 |
| 749 | [yo]te4o[lr] | 130 | 3.086 | 12 | 8.914 |
| 751 | do | 383 | 9.092 | 18 | 8.908 |
| 756 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 1227 | 29.127 | 38 | 8.873 |
| 776 | [yo]te4ol | 99 | 2.350 | 11 | 8.650 |
| 782 | c \| c[fptk] + e4o | 228 | 5.412 | 14 | 8.588 |
| 824 | okol variants | 285 | 6.765 | 15 | 8.235 |
| 854 | oe0-4s | 632 | 15.003 | 23 | 7.997 |
| 890 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 519 | 12.320 | 20 | 7.680 |
| 969 | cse4o | 205 | 4.866 | 12 | 7.134 |
| 980 | [yo]ke4od | 207 | 4.914 | 12 | 7.086 |
| 1011 | o-axis of [yo][fptk][ao][lr] | 764 | 18.136 | 25 | 6.864 |
| 1074 | o[tk]e0-4y | 2042 | 48.474 | 55 | 6.526 |
| 1090 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 445 | 10.564 | 17 | 6.436 |
| 1332 | o[fptk]e4os | 106 | 2.516 | 8 | 5.484 |
| 1334 | oe sans oy + oe4y, oe0-4s | 317 | 7.525 | 13 | 5.475 |
| 1338 | [yo]te4od | 149 | 3.537 | 9 | 5.463 |
| 1364 | oa | 321 | 7.620 | 13 | 5.380 |
| 1396 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 158 | 3.751 | 9 | 5.249 |
| 1407 | o[lr][yoa] | 1044 | 24.783 | 30 | 5.217 |
| 1411 | ce4o | 160 | 3.798 | 9 | 5.202 |
| | | | | | |
| 510 | [yo][fptk]e4o[dlrsmg] | 924 | 6.742 | 19 | 12.258 |
| 849 | [yo]dy endings | 1228 | 8.960 | 17 | 8.040 |
| 924 | oke0-4y | 1314 | 9.587 | 17 | 7.413 |
| 979 | o[tk]e0-4y | 2042 | 14.899 | 22 | 7.101 |
| 1035 | [yo]ke4o[dlrsmg] | 584 | 4.261 | 11 | 6.739 |
| 1296 | oe | 463 | 3.378 | 9 | 5.622 |
| 1323 | [yo]te4o[dlrsmg] | 341 | 2.488 | 8 | 5.512 |
| 1369 | [yo]ke4o | 89 | 0.649 | 6 | 5.351 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 14 | 1071 | oi4n Superset | 257 | 1.875 | | | | | |
| 15 | 1088 | cean variants | 255 | 1.861 | | | | | |
| 16 | 1089 | ek[yo] | 255 | 1.861 | | | | | |
| 17 | 1441 | cteo-initial | 220 | 1.605 | | | | | |
| 18 | 1481 | ke4dy | 217 | 1.583 | | | | | |
| 19 | 1482 | eky | 217 | 1.583 | | | | | |
| 20 | 1535 | cean verbs | 213 | 1.554 | | | | | |
| 21 | 1647 | y + Non-[dlrs] Prefixes | 205 | 1.496 | | | | | |
| 22 | 1724 | or[yo] | 200 | 1.459 | | | | | |
| 23 | 1763 | cectey relatives | 197 | 1.437 | | | | | |
| 24 | 1774 | o[dlrs]ce4y Superset | 196 | 1.430 | | | | | |
| 25 | 1855 | eka | 191 | 1.394 | | | | | |
| 26 | 1856 | [fptk]ai4n | 191 | 1.394 | | | | | |
| 27 | 1860 | [fptk]ai4[lr] | 190 | 1.386 | | | | | |
| 28 | 1861 | [dlrsmg] + ai4r | 190 | 1.386 | | | | | |
| 29 | 1874 | cedaiin variants | 189 | 1.379 | | | | | |
| 30 | 1892 | okce0-4dy | 188 | 1.372 | | | | | |
| 31 | 1921 | et[yoa] | 186 | 1.357 | | | | | |
| 32 | 2021 | ko | 179 | 1.306 | | | | | |
| 33 | 2022 | [sr]c-Initial | 179 | 1.306 | | | | | |
| 34 | 2163 | otce0-4dy | 172 | 1.255 | | | | | |
| 35 | 2363 | [fptk]e0-4y | 161 | 1.175 | | | | | |
| 36 | 2402 | o[fptk]c + e0-4ol | 159 | 1.160 | | | | | |
| 37 | 2400 | opce0-4dy | 159 | 1.160 | | | | | |
| 38 | 2907 | olcey relatives (non -edy) | 138 | 1.007 | | | | | |
| | | **o[fptk][ao]d (185)** | | | | | | | |
| 1 | 135 | ce4a | 1009 | 4.796 | 966 | [yo]dy endings | 1228 | 5.837 | 13 | 7.164 |
| 2 | 211 | [ao][lr][ao][lr] Pipe/Flow | 843 | 4.007 | 974 | o[fptk][ao]d | 185 | 0.879 | 8 | 7.121 |
| 3 | 359 | [tk]c-Initial | 667 | 3.170 | 1113 | odai0-4[lrm \| n] | 767 | 3.645 | 10 | 6.355 |
| 4 | 728 | ai4r | 483 | 2.296 | 1160 | od[ao]i0-4[lrm \| n] | 813 | 3.864 | 10 | 6.136 |
| 5 | 825 | lc-initial | 457 | 2.172 | 1184 | yodai0-4[lrm \| n] | 832 | 3.954 | 10 | 6.046 |
| 6 | 837 | dc-initial | 454 | 2.158 | 1198 | oda | 847 | 4.026 | 10 | 5.974 |
| 7 | 840 | [dlrsmg]e0-4y | 453 | 2.153 | 1234 | [yo]d[ao]i0-4[lrm \| n] | 880 | 4.183 | 10 | 5.817 |
| 8 | 892 | or[yoa] | 438 | 2.082 | | | | | |
| 9 | 997 | [fptk]ai4[dlrsmg \| n] | 411 | 1.953 | | | | | |
| 10 | 1092 | a[lr][ao][lr] | 391 | 1.858 | | | | | |
| 11 | 1111 | [fp]c-Initial | 387 | 1.839 | | | | | |
| 12 | 1239 | cear variants | 365 | 1.735 | | | | | |
| 13 | 1381 | tc-initial | 345 | 1.640 | | | | | |
| 14 | 1425 | or[oa] | 340 | 1.616 | | | | | |
| 15 | 1534 | [dlrsmg] + c \| c[s \| fptk] + e4dy | 327 | 1.554 | | | | | |
| 16 | 1581 | kc-initial | 322 | 1.530 | | | | | |
| 17 | 1620 | o[lr]y | 318 | 1.511 | | | | | |
| 18 | 1688 | c[fptk]e4y | 310 | 1.473 | | | | | |
| 19 | 1725 | pc-initial | 307 | 1.459 | | | | | |
| 20 | 1759 | cear verbs | 303 | 1.440 | | | | | |
| 21 | 1960 | c \| cs + e0-4[dlrsmg] | 281 | 1.336 | | | | | |
| 22 | 2075 | ce4ai4n | 271 | 1.288 | | | | | |
| 23 | 2100 | ceal variants | 269 | 1.279 | | | | | |
| 24 | 2265 | cean variants | 255 | 1.212 | | | | | |
| 25 | 2448 | ora | 241 | 1.145 | | | | | |
| 26 | 2607 | ceal verbs | 230 | 1.093 | | | | | |
| 27 | 2608 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 230 | 1.093 | | | | | |
| 28 | 2725 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 222 | 1.055 | | | | | |
| 29 | 2726 | oly | 222 | 1.055 | | | | | |
| 30 | 2780 | ece polygraph | 219 | 1.041 | | | | | |
| 31 | 2820 | ke4dy | 217 | 1.031 | | | | | |
| 32 | 2889 | cean verbs | 213 | 1.012 | | | | | |
| | | **o[fptk][ao]s (66)** | | | | | | | |
| 1 | 302 | o[tk]e0-4y | 2042 | 3.462 | 797 | ai4[dlrsmg \| n] | 1519 | 2.576 | 11 | 8.424 |
| 2 | 427 | [dlrsmg \| fptk] + ai4n | 1724 | 2.923 | 1098 | ai4[dlrsmg] | 930 | 1.577 | 8 | 6.423 |
| 3 | 453 | c[fptk]e4o-initial & c[fptk]e4y Superclass | 1659 | 2.813 | | | | | |
| 4 | 772 | oke0-4y | 1314 | 2.228 | | | | | |
| 5 | 891 | [yo]dy endings | 1228 | 2.082 | | | | | |
| 6 | 894 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 1227 | 2.081 | | | | | |
| 7 | 1008 | dai4n | 1140 | 1.933 | | | | | |
| 8 | 1143 | [yo]kai0-4n | 1067 | 1.809 | | | | | |
| 9 | 1202 | o[lr][yoa] | 1044 | 1.770 | | | | | |
| 10 | 1313 | okai0-4n | 994 | 1.685 | | | | | |
| 11 | 1649 | [yo]d[ao]i0-4[lrm \| n] | 880 | 1.492 | | | | | |
| 12 | 1764 | oda | 847 | 1.436 | | | | | |
| 13 | 1777 | [ao][lr][ao][lr] Pipe/Flow | 843 | 1.429 | | | | | |
| 14 | 1822 | yodai0-4[lrm \| n] | 832 | 1.411 | | | | | |
| 15 | 1879 | od[ao]i0-4[lrm \| n] | 813 | 1.379 | | | | | |
| 16 | 1890 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 809 | 1.372 | | | | | |
| 17 | 2032 | odai0-4[lrm \| n] | 767 | 1.301 | | | | | |
| 18 | 2048 | o-axis of [yo][fptk][ao][lr] | 764 | 1.295 | | | | | |
| 19 | 2178 | ce4y | 737 | 1.250 | | | | | |
| 20 | 2185 | [dlrsmg \| fptk]e0-4y | 735 | 1.246 | | | | | |
| 21 | 2186 | o[lr][oa] | 735 | 1.246 | | | | | |
| 22 | 2202 | ote0-4y | 731 | 1.239 | | | | | |
| 23 | 2490 | [tk]c-Initial | 667 | 1.131 | | | | | |
| 24 | 2719 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 623 | 1.056 | | | | | |
| 25 | 2728 | c[s \| fptk]e4dy | 622 | 1.055 | | | | | |
| 26 | 2778 | ol[yoa] | 614 | 1.041 | | | | | |
| | | **o[fptk]e4os (106)** | | | | | | | |
| 1 | 28 | c + e4dy | 3053 | 8.314 | 209 | ai4[dlrsmg \| n] | 1519 | 4.137 | 29 | 24.863 |
| 2 | 142 | [dlrsmg \| fptk] + ai4n | 1724 | 4.695 | 396 | ai4n | 589 | 1.604 | 17 | 15.396 |
| 3 | 221 | o[fptk]e4dy | 1444 | 3.932 | 693 | ai4[dlrsmg] | 930 | 2.533 | 12 | 9.467 |
| 4 | 234 | c \| c[s \| fptk] + e4dy | 1395 | 3.799 | 1010 | ai4[lr] | 782 | 2.130 | 9 | 6.870 |
| 5 | 341 | ea | 1195 | 3.254 | | | | | |
| 6 | 375 | dai4n | 1140 | 3.105 | | | | | |
| 7 | 431 | [yo]kai0-4n | 1067 | 2.906 | | | | | |
| 8 | 473 | ce4a | 1009 | 2.748 | | | | | |
| 9 | 494 | okai0-4n | 994 | 2.707 | | | | | |
| 10 | 579 | oke4dy | 933 | 2.541 | | | | | |
| 11 | 676 | [yo]d[ao]i0-4[lrm \| n] | 880 | 2.396 | | | | | |
| 12 | 718 | oda | 847 | 2.307 | | | | | |
| 13 | 752 | yodai0-4[lrm \| n] | 832 | 2.266 | | | | | |
| 14 | 791 | od[ao]i0-4[lrm \| n] | 813 | 2.214 | | | | | |
| 15 | 889 | odai0-4[lrm \| n] | 767 | 2.089 | | | | | |
| 16 | 912 | ce4dy | 755 | 2.056 | | | | | |
| 17 | 961 | [dlrsmg \| fptk]e0-4y | 735 | 2.002 | | | | | |
| 18 | 1131 | [tk]c-Initial | 667 | 1.816 | | | | | |
| 19 | 1299 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 623 | 1.697 | | | | | |
| 20 | 1306 | c[s \| fptk]e4dy | 622 | 1.694 | | | | | |
| 21 | 1463 | cse4dy | 585 | 1.593 | | | | | |
| 22 | 1471 | o[lr][yo] | 583 | 1.588 | | | | | |
| 23 | 1626 | o[fptk]c + e0-4dy | 554 | 1.509 | | | | | |
| 24 | 1863 | ote4dy | 509 | 1.386 | | | | | |
| 25 | 1945 | okar variants | 493 | 1.343 | | | | | |
| 26 | 1946 | otc + e0-4 + y \| dy \| o[dlrs]y | 493 | 1.343 | | | | | |

| | | | | |
|---|---|---|---|---|
| 27 | 2193 | lc-initial | 457 | 1.245 |
| 28 | 2208 | dc-initial | 454 | 1.236 |
| 29 | 2209 | om + o[fptk \| dlrsmg]am | 454 | 1.236 |
| 30 | 2217 | [dlrsmg]e0-4y | 453 | 1.234 |
| 31 | 2232 | [yo]d[ao]i0-4n | 450 | 1.225 |
| 32 | 2246 | yodai0-4n | 448 | 1.220 |
| 33 | 2260 | ek[yoa] | 446 | 1.215 |
| 34 | 2318 | or[yoa] | 438 | 1.193 |
| 35 | 2521 | [fptk]ai4[dlrsmg \| n] | 411 | 1.119 |
| 36 | 2532 | od[ao]i0-4n | 410 | 1.117 |
| 37 | 2551 | odai0-4n | 408 | 1.111 |
| 38 | 2574 | cte4[yo] | 406 | 1.106 |
| 39 | 2686 | [yo]d[ao]i0-4[lr] | 393 | 1.070 |
| 40 | 2718 | ol[yo] | 388 | 1.057 |
| 41 | 2736 | [fp]c-Initial | 387 | 1.054 |
| 42 | 2832 | ceckey relatives | 377 | 1.027 |
| 43 | 2912 | od[ao]i0-4[lr] | 369 | 1.005 |
| | | **o[fptk]ai4n (1598)** | | |
| 1 | 25 | oy + oe4y | 207 | 8.498 |
| 2 | 44 | ko | 179 | 7.349 |
| 3 | 91 | oy | 141 | 5.789 |
| 4 | 138 | rai4n | 115 | 4.721 |
| 5 | 177 | o[fptk]e4os | 106 | 4.352 |
| 6 | 223 | Detached Class Modifiers | 95 | 3.900 |
| 7 | 333 | fc-initial | 80 | 3.284 |
| 8 | 374 | rc-initial | 76 | 3.120 |
| 9 | 383 | te4o | 75 | 3.079 |
| 10 | 436 | [yo]po | 70 | 2.874 |
| 11 | 488 | oe4y | 66 | 2.710 |
| 12 | 489 | osa | 66 | 2.710 |
| 13 | 519 | olt | 65 | 2.669 |
| 14 | 620 | [yo]te4os | 60 | 2.463 |
| 15 | 656 | qo variants | 59 | 2.422 |
| 16 | 787 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 54 | 2.217 |
| 17 | 824 | [fptk][yo]lc | 53 | 2.176 |
| 18 | 887 | [fptk] + c \| c[s \| fptk] + e4o | 51 | 2.094 |
| 19 | 1058 | [yo]ke4os | 46 | 1.889 |
| 20 | 1320 | Prefixed Versions of c \| c[s \| fptk] + e4dy | 41 | 1.683 |
| 21 | 1373 | o[fptk]edal | 40 | 1.642 |
| 22 | 1516 | eko | 38 | 1.560 |
| 23 | 1517 | yc + e4o | 38 | 1.560 |
| 24 | 1518 | od[fptk \| dlrsmg] | 38 | 1.560 |
| 25 | 1603 | x | 37 | 1.519 |
| 26 | 1604 | c[fptk]e4dy | 37 | 1.519 |
| 27 | 1677 | Suspected Errata/Difficult to Categorize | 36 | 1.478 |
| 28 | 1849 | odcey relatives | 34 | 1.396 |
| 29 | 1850 | osai0-4n | 34 | 1.396 |
| 30 | 1851 | [fptk][dlrs] Prefixes | 34 | 1.396 |
| 31 | 1852 | ol + c \| cs + e4o[lr] | 34 | 1.396 |
| 32 | 1925 | ef[yoa] | 33 | 1.355 |
| 33 | 2008 | c[fptk]e4o | 32 | 1.314 |
| 34 | 2113 | c + e4 + [fptk] Nouns | 31 | 1.273 |
| 35 | 2114 | [yo]te4or | 31 | 1.273 |
| 36 | 2220 | [rs][fptk \| l] | 30 | 1.232 |
| 37 | 2323 | otc + e4ody | 29 | 1.191 |
| 38 | 2560 | ce4g | 27 | 1.108 |
| 39 | 2561 | [fptk \| dlrs] prefixes to dar | 27 | 1.108 |
| 40 | 2696 | cfe4[yo] | 26 | 1.067 |
| 41 | 2697 | o + c \| cs + e4o | 26 | 1.067 |
| 42 | 2837 | opor variants | 25 | 1.026 |
| 43 | 2838 | opol variants | 25 | 1.026 |
| 44 | 2839 | olf | 25 | 1.026 |
| 45 | | | | |
| 46 | | | | |
| 47 | | | | |
| 48 | | | | |
| 49 | | | | |
| | | **o[fptk]e4dy (1444)** | | |
| 1 | 7 | cear variants | 365 | 13.541 |
| 2 | 14 | cear verbs | 303 | 11.241 |
| 3 | 32 | cteo-initial | 220 | 8.162 |
| 4 | 35 | cean verbs | 213 | 7.902 |
| 5 | 39 | y + Non-[dlrs] Prefixes | 205 | 7.605 |
| 6 | 40 | cse4o | 205 | 7.605 |
| 7 | 67 | cke4[yo] | 172 | 6.381 |
| 8 | 80 | ocke4y | 162 | 6.010 |
| 9 | 212 | ory | 108 | 4.007 |
| 10 | 243 | o[fptk]c + e0-4o | 101 | 3.747 |
| 11 | 297 | cpe4[yo] | 94 | 3.487 |
| 12 | 306 | cke4y | 93 | 3.450 |
| 13 | 340 | o + c \| cs + e4o[lr] | 88 | 3.265 |
| 14 | 348 | yce4y + infixed versions | 87 | 3.228 |
| 15 | 391 | yce4y + s infixes | 82 | 3.042 |
| 16 | 422 | ckeo-initial | 79 | 2.931 |
| 17 | 463 | te4o | 75 | 2.782 |
| 18 | 594 | yc + e4o[lr] | 68 | 2.523 |
| 19 | 595 | o[fptk][dlrsmg] | 68 | 2.523 |
| 20 | 596 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4od | 68 | 2.523 |
| 21 | 614 | cpeo-initial | 67 | 2.486 |
| 22 | 615 | yd[ao]i0-4[lrm \| n] | 67 | 2.486 |
| 23 | 631 | osa | 66 | 2.448 |
| 24 | 632 | otc + e4ol | 66 | 2.448 |
| 25 | 667 | ydai0-4[lrm \| n] | 65 | 2.411 |
| 26 | 725 | cear nouns | 62 | 2.300 |
| 27 | 777 | e[tk]o | 60 | 2.226 |
| 28 | 809 | [yo]fa | 59 | 2.189 |
| 29 | 841 | oi4n | 58 | 2.152 |
| 30 | 869 | o[fptk]ce4[lrsmg] | 57 | 2.115 |
| 31 | 870 | [yo]cse4y | 57 | 2.115 |
| 32 | 871 | odo | 57 | 2.115 |
| 33 | 958 | okc + e4or | 54 | 2.003 |
| 34 | 986 | Double c-Sequence Nouns | 53 | 1.966 |
| 35 | 987 | yce4y | 53 | 1.966 |
| 36 | 1014 | [tk]y | 52 | 1.929 |
| 37 | 1129 | [dlrsmg] + c \| c[s \| fptk] + e4o | 49 | 1.818 |
| 38 | 1130 | okc + e4o | 49 | 1.818 |
| 39 | 1193 | [yo]doi0-4[lrm \| n] | 48 | 1.781 |
| 40 | 1194 | o + c \| cs + e4ol | 48 | 1.781 |
| 41 | 1292 | [yo]ke4os | 46 | 1.707 |
| 42 | 1340 | [yo]doi0-4[lr] | 45 | 1.669 |
| 49 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 623 | 25.577 | 91 | 65.423 |
| 52 | o[fptk]ai4n | 1598 | 65.605 | 129 | 63.395 |
| 74 | c \| c[s \| fptk] + e4dy | 1395 | 57.271 | 110 | 52.729 |
| 79 | c[fptk]e4o-initial & c[fptk]e4y Superclass | 1659 | 68.109 | 120 | 51.891 |
| 91 | a-axis of [yo][fptk][ao][lr] | 1731 | 71.065 | 119 | 47.935 |
| 111 | ceckey relatives | 377 | 15.477 | 57 | 41.523 |
| 134 | [yo]kai0-4n | 1067 | 43.805 | 79 | 35.195 |
| 137 | ce4dy | 755 | 30.996 | 66 | 35.004 |
| 142 | c + e4dy | 3053 | 125.339 | 159 | 33.661 |
| 162 | olk | 557 | 22.867 | 53 | 30.133 |
| 173 | [yo]tai0-4n | 490 | 20.117 | 49 | 28.883 |
| 189 | ce4a | 1009 | 41.424 | 69 | 27.576 |
| 191 | ol[tk] | 621 | 25.495 | 53 | 27.505 |
| 200 | okai0-4n | 994 | 40.808 | 67 | 26.192 |
| 207 | ea | 1195 | 49.060 | 74 | 24.940 |
| 212 | [yo][fptk][ao][lr] | 2688 | 110.354 | 135 | 24.646 |
| 226 | cectey relatives | 197 | 8.088 | 32 | 23.912 |
| 245 | ol[dtk] | 842 | 34.568 | 57 | 22.432 |
| 251 | otai0-4n | 430 | 17.653 | 40 | 22.347 |
| 255 | oi4[dlrsmg \| n] | 1124 | 46.145 | 68 | 21.855 |
| 285 | c + c[s \| fptk]e4y | 1624 | 66.672 | 87 | 20.328 |
| 292 | cse4dy | 585 | 24.017 | 44 | 19.983 |
| 299 | otal variants | 333 | 13.671 | 33 | 19.329 |
| 307 | ce4y | 737 | 30.257 | 49 | 18.743 |
| 316 | c[s \| fptk]e4dy | 622 | 25.536 | 44 | 18.464 |
| 340 | edy | 4981 | 204.492 | 222 | 17.508 |
| 355 | otar variants | 345 | 14.164 | 31 | 16.836 |
| 409 | ai4[dlrsmg] | 930 | 38.181 | 53 | 14.819 |
| 411 | ek[yoa] | 446 | 18.310 | 33 | 14.690 |
| 431 | ai4[lr] | 782 | 32.105 | 46 | 13.895 |
| 448 | cear verbs | 303 | 12.439 | 26 | 13.561 |
| 492 | ceal verbs | 230 | 9.443 | 22 | 12.558 |
| 523 | cear variants | 365 | 14.985 | 27 | 12.015 |
| 529 | ceal variants | 269 | 11.044 | 23 | 11.956 |
| 604 | ed[yoa] | 5851 | 240.209 | 251 | 10.791 |
| 644 | eka | 191 | 7.841 | 18 | 10.159 |
| 701 | et[yoa] | 186 | 7.636 | 17 | 9.364 |
| 721 | ote4dy | 509 | 20.897 | 30 | 9.103 |
| 737 | ykai0-4n | 73 | 2.997 | 12 | 9.003 |
| 817 | et[yo] | 115 | 4.721 | 13 | 8.279 |
| 827 | a[dlrsmg]am | 92 | 3.777 | 12 | 8.223 |
| 868 | y[fptk]-initial | 1295 | 53.165 | 61 | 7.835 |
| 892 | okal variants | 544 | 22.334 | 30 | 7.666 |
| 961 | ety | 93 | 3.818 | 11 | 7.182 |
| 964 | ai4r | 483 | 19.829 | 27 | 7.171 |
| 1062 | ytai0-4n | 59 | 2.422 | 9 | 6.578 |
| 1088 | ai4l | 306 | 12.563 | 19 | 6.437 |
| 1135 | cse4y | 578 | 23.729 | 30 | 6.271 |
| 1172 | eky | 217 | 8.909 | 15 | 6.091 |
| 3 | ed[yoa] | 5851 | 217.060 | 533 | 315.940 |
| 4 | edy | 4981 | 184.785 | 474 | 289.215 |
| 7 | o[fptk]e4dy | 1444 | 53.569 | 230 | 176.431 |
| 12 | oke4dy | 933 | 34.612 | 157 | 122.388 |
| 22 | c + e4dy | 3053 | 113.260 | 201 | 87.740 |
| 72 | ote4dy | 509 | 18.883 | 73 | 54.117 |
| 114 | o[tk]e0-4y | 2042 | 75.754 | 116 | 40.246 |
| 133 | c \| c[s \| fptk] + e4dy | 1395 | 51.752 | 87 | 35.248 |
| 144 | oke0-4y | 1314 | 48.747 | 82 | 33.253 |
| 147 | a-axis of [yo][fptk][ao][lr] | 1731 | 64.217 | 97 | 32.783 |
| 170 | [yo][fptk][ao][lr] | 2688 | 99.719 | 129 | 29.281 |
| 193 | lc-initial | 457 | 16.954 | 44 | 27.046 |
| 213 | [tk]e4dy | 309 | 11.463 | 36 | 24.537 |
| 254 | eda | 784 | 29.085 | 51 | 21.915 |
| 271 | [dlrsmg] + c \| c[s \| fptk] + e4dy | 327 | 12.131 | 33 | 20.869 |
| 304 | c[s \| fptk]e4dy | 622 | 23.075 | 42 | 18.925 |
| 359 | o[fptk]ai4n | 1598 | 59.283 | 76 | 16.718 |
| 372 | ce4dy | 755 | 28.009 | 44 | 15.991 |
| 376 | ke4dy | 217 | 8.050 | 24 | 15.950 |
| 379 | okal variants | 544 | 20.181 | 36 | 15.819 |
| 398 | cse4dy | 585 | 21.702 | 37 | 15.298 |
| 417 | o[fptk]c + e0-4dy | 554 | 20.552 | 35 | 14.448 |
| 453 | [yo]kai0-4n | 1067 | 39.584 | 53 | 13.417 |
| 460 | o[fptk]eda[lrsm \| n] | 184 | 6.826 | 20 | 13.174 |
| 464 | okai0-4n | 994 | 36.875 | 50 | 13.125 |
| 780 | te4dy | 91 | 3.376 | 12 | 8.624 |
| 830 | rc-initial | 76 | 2.819 | 11 | 8.181 |
| 851 | okce0-4dy | 188 | 6.974 | 15 | 8.026 |
| 871 | opc + e0-4 + y \| dy \| o[dlrs]y | 302 | 11.204 | 19 | 7.796 |
| 936 | [sr]c-Initial | 179 | 6.641 | 14 | 7.359 |
| 978 | opce0-4dy | 159 | 5.899 | 13 | 7.101 |
| 1007 | ote0-4y | 731 | 27.119 | 34 | 6.881 |
| 1028 | [yo][fptk]e4d | 60 | 2.226 | 9 | 6.774 |
| 1052 | otal variants | 333 | 12.354 | 19 | 6.646 |

| | | | | |
|---|---|---|---|---|
| 43 | 1392 | [yo][fp]y | 44 | 1.632 |
| 44 | 1393 | otc + e4o | 44 | 1.632 |
| 45 | 1394 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4oly | 44 | 1.632 |
| 46 | 1667 | o + c \| cs + e4or | 40 | 1.484 |
| 47 | 1663 | yd[ao]i0-4n | 40 | 1.484 |
| 48 | 1664 | ydai0-4n | 40 | 1.484 |
| 49 | 1825 | ceal nouns | 38 | 1.410 |
| 50 | 1826 | o[fptk]d | 38 | 1.410 |
| 51 | 1827 | eko | 38 | 1.410 |
| 52 | 1828 | yc + e4o | 38 | 1.410 |
| 53 | 1889 | [yo]d[ao]i0-4m | 37 | 1.373 |
| 54 | 1961 | Suspected Errata/Difficult to Categorize | 36 | 1.336 |
| 55 | 1962 | ady | 36 | 1.336 |
| 56 | 1963 | yodai0-4m | 36 | 1.336 |
| 57 | 2042 | [yo]fai0-4[rn] | 35 | 1.298 |
| 58 | 2134 | yc[s \| fptk]e4y | 34 | 1.261 |
| 59 | 2135 | od[ao]i0-4m | 34 | 1.261 |
| 60 | 2136 | yc + e4ol | 34 | 1.261 |
| 61 | 2137 | osai0-4n | 34 | 1.261 |
| 62 | 2138 | [fptk][dlrs] Prefixes | 34 | 1.261 |
| 63 | 2139 | yc + e4or | 34 | 1.261 |
| 64 | 2140 | ope0-4y | 34 | 1.261 |
| 65 | 2141 | odcey relatives | 34 | 1.261 |
| 66 | 2142 | ol + c \| cs + e4o[lr] | 34 | 1.261 |
| 67 | 2235 | [yo]py | 33 | 1.224 |
| 68 | 2236 | ef[yoa] | 33 | 1.224 |
| 69 | 2237 | odai0-4m | 33 | 1.224 |
| 70 | 2331 | c[fptk]e4o | 32 | 1.187 |
| 71 | 2430 | [yo]e0-4do + e4\|i4 + [drn] & cedody | 31 | 1.150 |
| 72 | 2431 | c + e4 + [fptk] Nouns | 31 | 1.150 |
| 73 | 2542 | ocse4y | 30 | 1.113 |
| 74 | 2543 | okc + e4ody | 30 | 1.113 |
| 75 | 2653 | otc + e4ody | 29 | 1.076 |
| 76 | 2654 | ycse4y | 29 | 1.076 |
| 77 | 2797 | o[tk][lr] | 28 | 1.039 |
| 78 | 2798 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ory | 28 | 1.039 |
| 79 | 2923 | cpe4y | 27 | 1.002 |
| | | **o[fptk]eda[lrsm \| n] (184)** | | |
| 1 | 123 | [yo]kai0-4n | 1067 | 5.044 |
| 2 | 141 | okai0-4n | 994 | 4.699 |
| 3 | 190 | c[s \| fptk]e4y | 887 | 4.193 |
| 4 | 365 | [tk]c-Initial | 667 | 3.153 |
| 5 | 406 | oe0-4s | 632 | 2.988 |
| 6 | 479 | cse4y | 578 | 2.732 |
| 7 | 542 | o[fptk]c + e0-4dy | 554 | 2.619 |
| 8 | 835 | lc-initial | 457 | 2.160 |
| 9 | 844 | dc-initial | 454 | 2.146 |
| 10 | 1026 | cte4[yo] | 406 | 1.919 |
| 11 | 1118 | [fp]c-Initial | 387 | 1.829 |
| 12 | 1140 | do | 383 | 1.811 |
| 13 | 1260 | cear variants | 365 | 1.725 |
| 14 | 1395 | tc-initial | 345 | 1.631 |
| 15 | 1455 | okce0-4y | 338 | 1.598 |
| 16 | 1551 | [dlrsmg] + c \| c[s \| fptk] + e4dy | 327 | 1.546 |
| 17 | 1599 | kc-initial | 322 | 1.522 |
| 18 | 1606 | oa | 321 | 1.517 |
| 19 | 1636 | o[lr]y | 318 | 1.503 |
| 20 | 1712 | c[fptk]e4y | 310 | 1.465 |
| 21 | 1721 | [tk]e4dy | 309 | 1.461 |
| 22 | 1735 | pc-initial | 307 | 1.451 |
| 23 | 1769 | cear verbs | 303 | 1.432 |
| 24 | 1937 | okol variants | 285 | 1.347 |
| 25 | 2033 | od endings + odcey relatives | 275 | 1.300 |
| 26 | 2092 | ce4ai4n | 271 | 1.281 |
| 27 | 2283 | ek[yo] | 255 | 1.205 |
| 28 | 2284 | cean variants | 255 | 1.205 |
| 29 | 2436 | od endings | 243 | 1.149 |
| 30 | 2743 | oly | 222 | 1.049 |
| 31 | 2785 | cteo-initial | 220 | 1.040 |
| 32 | 2840 | ke4dy | 217 | 1.026 |
| 33 | 2841 | eky | 217 | 1.026 |
| 34 | 2908 | cean verbs | 213 | 1.007 |
| | | **o[fptk]ody (85)** | | |
| 1 | 215 | [q \| fptk \| dlrsmg] + oi0-4[lr] | 1819 | 3.972 |
| 2 | 329 | ai4[dlrsmg \| n] | 1519 | 3.317 |
| 3 | 610 | dai4n | 1140 | 2.489 |
| 4 | 629 | oi4[dlrsmg \| n] | 1124 | 2.455 |
| 5 | 736 | o[lr][yoa] | 1044 | 2.280 |
| 6 | 801 | ce4a | 1009 | 2.203 |
| 7 | 931 | ai4[dlrsmg] | 930 | 2.031 |
| 8 | 1107 | [ao][lr][ao][lr] Pipe/Flow | 843 | 1.841 |
| 9 | 1206 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 809 | 1.767 |
| 10 | 1287 | ai4[lr] | 782 | 1.708 |
| 11 | 1432 | ce4y | 737 | 1.609 |
| 12 | 1442 | [dlrsmg \| fptk]e0-4y | 735 | 1.605 |
| 13 | 1443 | o[lr][oa] | 735 | 1.605 |
| 14 | 1452 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 733 | 1.601 |
| 15 | 1726 | [tk]c-Initial | 667 | 1.457 |
| 16 | 1919 | c[s \| fptk]e4dy | 622 | 1.358 |
| 17 | 1955 | ol[yoa] | 614 | 1.341 |
| 18 | 2083 | ai4n | 589 | 1.286 |
| 19 | 2105 | cse4dy | 585 | 1.277 |
| 20 | 2112 | o[lr][yo] | 583 | 1.273 |
| 21 | 2210 | Single-Letter Words | 566 | 1.236 |
| 22 | 2727 | ai4r | 483 | 1.055 |
| 23 | 2847 | o[lr]a | 469 | 1.024 |
| 24 | 2894 | oe | 463 | 1.011 |
| | | **[yo][fptk][ao][lr] (2688)** | | |
| 1 | 16 | [fptk]e0-4y | 161 | 11.118 |
| 2 | 100 | l-prefix + [fptk]e0-4y | 80 | 5.525 |
| 3 | 113 | rc-initial | 76 | 5.248 |
| 4 | 183 | [yo]c[fp] | 62 | 4.282 |
| 5 | 248 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 54 | 3.729 |
| 6 | 259 | [fptk][yo]lc | 53 | 3.660 |
| 7 | 272 | [tk]y | 52 | 3.591 |
| 8 | 290 | [fptk] + c \| c[s \| fptk] + e4o | 51 | 3.522 |
| 9 | 330 | [yo]c + e4ody | 48 | 3.315 |
| 10 | 393 | otc + e4o | 44 | 3.039 |
| 11 | 538 | [yo]cp | 38 | 2.624 |
| 12 | 612 | ady | 36 | 2.486 |
| 13 | 613 | Suspected Errata/Difficult to Categorize | 36 | 2.486 |
| 14 | 697 | [fptk][dlrs] Prefixes | 34 | 2.348 |

| | | | | | |
|---|---|---|---|---|---|
| 560 | ed[yoa] | 5851 | 27.659 | 39 | 11.341 |
| 795 | edy | 4981 | 23.546 | 32 | 8.454 |
| 799 | c \| c[s \| fptk] + e4dy | 1395 | 6.594 | 15 | 8.406 |
| 1066 | c + e4dy | 3053 | 14.432 | 21 | 6.568 |
| 1095 | ce4dy | 755 | 3.569 | 10 | 6.431 |
| 1301 | ai4[dlrsmg] | 930 | 4.396 | 10 | 5.604 |
| 1320 | o[lr][oa] | 735 | 3.474 | 9 | 5.526 |
| 1467 | [ao][lr][ao][lr] Pipe/Flow | 843 | 3.985 | 9 | 5.015 |
| 1121 | [yo]dy endings | 1228 | 2.682 | 9 | 6.318 |
| 13 | c \| c[s \| fptk] + e4dy | 1395 | 96.335 | 216 | 119.665 |
| 15 | c + e4dy | 3053 | 210.833 | 313 | 102.167 |
| 43 | ce4dy | 755 | 52.139 | 121 | 68.861 |
| 68 | a-axis of [yo][fptk][ao][lr] | 1731 | 119.539 | 174 | 54.461 |
| 73 | cse4dy | 585 | 40.399 | 94 | 53.601 |
| 77 | c[s \| fptk]e4dy | 622 | 42.954 | 95 | 52.046 |
| 89 | [yo][fptk][ao][lr] | 2688 | 185.627 | 234 | 48.373 |
| 94 | ai4[dlrsmg \| n] | 1519 | 104.899 | 152 | 47.101 |
| 106 | ai4[dlrsmg] | 930 | 64.224 | 108 | 43.776 |
| 108 | edy | 4981 | 343.976 | 387 | 43.024 |
| 151 | ai4[lr] | 782 | 54.003 | 86 | 31.997 |
| 163 | ed[yoa] | 5851 | 404.056 | 434 | 29.944 |
| 180 | ai4r | 483 | 33.355 | 62 | 28.645 |
| 258 | [dlrsmg]ai4[lr] | 875 | 60.425 | 82 | 21.575 |

| | | | | |
|---|---|---|---|---|
| 15 | 738 | [fptk \| dlrs] prefixes to daiin | 33 | 2.279 |
| 16 | 794 | c[fptk]e4o | 32 | 2.210 |
| 17 | 901 | [rs][fptk \| l] | 30 | 2.072 |
| 18 | 1169 | o + c \| cs + e4o | 26 | 1.796 |
| 19 | 1257 | b | 25 | 1.726 |
| 20 | 1258 | ofar variants | 25 | 1.726 |
| 21 | 1468 | ofce0-4y | 23 | 1.588 |
| 22 | 1738 | cecpey relatives | 21 | 1.450 |
| 23 | 2194 | c + e4 + [fptk]c Nouns | 18 | 1.243 |
| 24 | 2195 | q-prefix exceptions | 18 | 1.243 |
| 25 | 2577 | c \| cs + e0-4r | 16 | 1.105 |
| 26 | 2578 | [fptk \| dlrs] prefixes to dal | 16 | 1.105 |
| 27 | 2579 | opc + e4or | 16 | 1.105 |
| 28 | 2806 | [yo][dlrsmg] + c \| cs + e4o | 15 | 1.036 |
| 29 | | | | |
| 30 | | | | |
| 31 | | | | |
| 32 | | | | |
| 33 | | | | |
| 34 | | | | |
| 35 | | | | |
| | | **a-axis of [yo][fptk][ao][lr] (1731)** | | |
| 1 | 29 | cte4y | 186 | 8.272 |
| 2 | 52 | [fptk]e0-4y | 161 | 7.160 |
| 3 | 194 | cpe4[yo] | 94 | 4.180 |
| 4 | 222 | [yo][fptk]e4o | 88 | 3.913 |
| 5 | 281 | l-prefix + [fptk]e0-4y | 80 | 3.558 |
| 6 | 312 | rc-initial | 76 | 3.380 |
| 7 | 386 | c[fp]e4y + added c-sequences | 69 | 3.069 |
| 8 | 410 | cpeo-initial | 67 | 2.980 |
| 9 | 419 | otc + e4ol | 66 | 2.935 |
| 10 | 471 | [yo]c[fp] | 62 | 2.757 |
| 11 | 520 | oce4y | 60 | 2.668 |
| 12 | 558 | oi4n | 58 | 2.579 |
| 13 | 673 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 54 | 2.401 |
| 14 | 674 | okc + e4or | 54 | 2.401 |
| 15 | 692 | [fptk][yo]lc | 53 | 2.357 |
| 16 | 714 | [tk]y | 52 | 2.313 |
| 17 | 749 | [fptk] + c \| c[s \| fptk] + e4o | 51 | 2.268 |
| 18 | 819 | [yo]te4o | 49 | 2.179 |
| 19 | 854 | [yo]c + e4ody | 48 | 2.135 |
| 20 | 994 | otc + e4o | 44 | 1.957 |
| 21 | 995 | [yo][fp]y | 44 | 1.957 |
| 22 | 1125 | Prefixed Versions of c \| c[s \| fptk] + e4dy | 41 | 1.823 |
| 23 | 1310 | ceal nouns | 38 | 1.690 |
| 24 | 1311 | [yo]cp | 38 | 1.690 |
| 25 | 1312 | eko | 38 | 1.690 |
| 26 | 1367 | [yo]d[ao]i0-4m | 37 | 1.645 |
| 27 | 1447 | ady | 36 | 1.601 |
| 28 | 1448 | yodai0-4m | 36 | 1.601 |
| 29 | 1449 | Suspected Errata/Difficult to Categorize | 36 | 1.601 |
| 30 | 1617 | ope0-4y | 34 | 1.512 |
| 31 | 1618 | od[ao]i0-4m | 34 | 1.512 |
| 32 | 1619 | [fptk][dlrs] Prefixes | 34 | 1.512 |
| 33 | 1703 | [fptk \| dlrs] prefixes to daiin | 33 | 1.468 |
| 34 | 1704 | odai0-4m | 33 | 1.468 |
| 35 | 1705 | [yo]py | 33 | 1.468 |
| 36 | 1789 | c[fptk]e4o | 32 | 1.423 |
| 37 | 1877 | [yo]te4or | 31 | 1.379 |
| 38 | 1878 | c + e4 + [fptk] Nouns | 31 | 1.379 |
| 39 | 1966 | okc + e4ody | 30 | 1.334 |
| 40 | 1967 | [rs][fptk \| l] | 30 | 1.334 |
| 41 | 2191 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ory | 28 | 1.245 |
| 42 | 2294 | cpe4y | 27 | 1.201 |
| 43 | 2295 | ce4g | 27 | 1.201 |
| 44 | 2408 | o + c \| cs + e4o | 26 | 1.156 |
| 45 | 2544 | olf | 25 | 1.112 |
| 46 | 2545 | ofar variants | 25 | 1.112 |
| 47 | 2546 | [yo]fo | 25 | 1.112 |
| 48 | 2547 | b | 25 | 1.112 |
| 49 | 2848 | ofce0-4y | 23 | 1.023 |
| | | **o-axis of [yo][fptk][ao][lr] (764)** | | |
| 1 | 33 | [fptk]ai4[dlrsmg \| n] | 411 | 8.067 |
| 2 | 240 | [fptk]ai4n | 191 | 3.749 |
| 3 | 247 | [fptk]ai4[lr] | 190 | 3.729 |
| 4 | 293 | [sr]c-Initial | 179 | 3.513 |
| 5 | 363 | [fptk]e0-4y | 161 | 3.160 |
| 6 | 426 | [yo]e0-4[fp]e0-4[yo] | 149 | 2.925 |
| 7 | 462 | ece Noun | 142 | 2.787 |
| 8 | 504 | ke4o | 137 | 2.689 |
| 9 | 785 | [yo][fptk\| dlrsmg] + c \| cs + e4o | 113 | 2.218 |
| 10 | 893 | o[fptk]e4os | 106 | 2.081 |
| 11 | 937 | sc-initial | 103 | 2.022 |
| 12 | 971 | c-sequence + e4 + [fptk] + e4 + y | 101 | 1.982 |
| 13 | 1086 | [yo][fp]o | 95 | 1.865 |
| 14 | 1147 | a[dlrsmg]am | 92 | 1.806 |
| 15 | 1181 | te4dy | 91 | 1.786 |
| 16 | 1255 | [yo][fptk]e4o | 88 | 1.727 |
| 17 | 1256 | o + c \| cs + e4o[lr] | 88 | 1.727 |
| 18 | 1358 | [yo]e4 \| c + [fp] | 84 | 1.649 |
| 19 | 1359 | c-sequence + e4 + [fptk] + c-sequence + e4 + y | 84 | 1.649 |
| 20 | 1398 | a[lr][fptk] | 83 | 1.629 |
| 21 | 1399 | [fptk \| dlrs] prefixes to dai4[lrsm \| n] | 83 | 1.629 |
| 22 | 1498 | l-prefix + [fptk]e0-4y | 80 | 1.570 |
| 23 | 1543 | dl Consonant clusters | 79 | 1.551 |
| 24 | 1544 | e[fp][yoa] | 79 | 1.551 |
| 25 | 1541 | ckeo-initial | 79 | 1.551 |
| 26 | 1651 | rc-initial | 76 | 1.492 |
| 27 | 1733 | okod variants | 74 | 1.452 |
| 28 | 1854 | oe0-4[fp]oe0-4[lr] | 71 | 1.394 |
| 29 | 1886 | [yo]po | 70 | 1.374 |
| 30 | 2049 | oe4y | 66 | 1.295 |
| 31 | 2050 | o[fptk][ao]s | 66 | 1.295 |
| 32 | 2110 | ofc + e0-4 + y \| dy \| o[dlrs]y | 65 | 1.276 |
| 33 | 2162 | c \| cs + e0-4l | 64 | 1.256 |
| 34 | 2257 | [yo]c[fp] | 62 | 1.217 |
| 35 | 2306 | faceys relatives | 61 | 1.197 |

| | | | | |
|---|---|---|---|---|
| 295 | ol[dtk] | 842 | 58.147 | 78 | 19.853 |
| 300 | otar variants | 345 | 23.825 | 43 | 19.175 |
| 301 | ol[tk] | 621 | 42.885 | 62 | 19.115 |
| 313 | [dlrsmg] + ai4[lr] + y-suffix | 1035 | 71.475 | 90 | 18.525 |
| 394 | olk | 557 | 38.465 | 54 | 15.535 |
| 428 | okar variants | 493 | 34.045 | 48 | 13.955 |
| 563 | [dlrsmg \| fptk] + ai4[dlrsmg] | 1444 | 99.719 | 111 | 11.281 |
| 598 | c \| cs + e0-4d | 89 | 6.146 | 17 | 10.854 |
| 626 | okal variants | 544 | 37.567 | 48 | 10.433 |
| 653 | otal variants | 333 | 22.996 | 33 | 10.004 |
| 654 | a[lr][ao][lr] | 391 | 27.002 | 37 | 9.998 |
| 684 | c \| cs + e0-4[dlrsmg] | 281 | 19.405 | 29 | 9.595 |
| 698 | oi4[dlrsmg \| n] | 1124 | 77.621 | 87 | 9.379 |
| 1001 | otam variants | 88 | 6.077 | 13 | 6.923 |
| 1050 | om + o[fptk \| dlrsmg]am | 454 | 31.352 | 38 | 6.648 |
| 1106 | cectey relatives | 197 | 13.604 | 20 | 6.396 |
| 1166 | ce4y | 737 | 50.895 | 57 | 6.105 |
| 1279 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 222 | 15.331 | 21 | 5.669 |
| 1281 | o[fptk \| dlrsmg][ao]m | 280 | 19.336 | 25 | 5.664 |
| 1392 | [yo]pa | 141 | 9.737 | 15 | 5.263 |
| 1442 | cse4y | 578 | 39.915 | 45 | 5.085 |
| | | | | | |
| 17 | c \| c[s \| fptk] + e4dy | 1395 | 62.037 | 158 | 95.963 |
| 21 | c + e4dy | 3053 | 135.771 | 224 | 88.229 |
| 53 | a-axis of [yo][fptk][ao][lr] | 1731 | 76.980 | 140 | 63.020 |
| 54 | edy | 4981 | 221.511 | 284 | 62.489 |
| 60 | ed[yoa] | 5851 | 260.201 | 319 | 58.799 |
| 75 | ce4dy | 755 | 33.576 | 86 | 52.424 |
| 84 | [yo][fptk][ao][lr] | 2688 | 119.539 | 169 | 49.461 |
| 101 | cse4dy | 585 | 26.016 | 71 | 44.984 |
| 103 | c[s \| fptk]e4dy | 622 | 27.661 | 72 | 44.339 |
| 107 | ai4[dlrsmg \| n] | 1519 | 67.552 | 111 | 43.448 |
| 121 | ai4[dlrsmg] | 930 | 41.358 | 80 | 38.642 |
| 171 | ai4[lr] | 782 | 34.777 | 64 | 29.223 |
| 190 | ai4r | 483 | 21.480 | 49 | 27.520 |
| 205 | [dlrsmg]ai4[lr] | 875 | 38.912 | 64 | 25.088 |
| 236 | [dlrsmg] + ai4[lr] + y-suffix | 1035 | 46.028 | 69 | 22.972 |
| 238 | [dlrsmg \| fptk] + ai4[dlrsmg] | 1444 | 64.217 | 87 | 22.783 |
| 246 | ol[tk] | 621 | 27.617 | 50 | 22.383 |
| 274 | ol[dtk] | 842 | 37.445 | 58 | 20.555 |
| 296 | okal variants | 544 | 24.192 | 44 | 19.808 |
| 303 | okar variants | 493 | 21.924 | 41 | 19.076 |
| 323 | olk | 557 | 24.771 | 43 | 18.230 |
| 443 | otar variants | 345 | 15.343 | 29 | 13.657 |
| 447 | a[lr][ao][lr] | 391 | 17.388 | 31 | 13.612 |
| 470 | oi4[dlrsmg \| n] | 1124 | 49.986 | 63 | 13.014 |
| 642 | otal variants | 333 | 14.809 | 25 | 10.191 |
| 733 | c \| cs + e0-4d | 89 | 3.958 | 13 | 9.042 |
| 788 | [ao][lr][ao][lr] Pipe/Flow | 843 | 37.489 | 46 | 8.511 |
| 790 | c \| cs + e0-4[dlrsmg] | 281 | 12.496 | 21 | 8.504 |
| 814 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 623 | 27.706 | 36 | 8.294 |
| 823 | cectey relatives | 197 | 8.761 | 17 | 8.239 |
| 840 | otam variants | 88 | 3.913 | 12 | 8.087 |
| 971 | ce4a | 1009 | 44.872 | 52 | 7.128 |
| 1022 | om + o[fptk \| dlrsmg]am | 454 | 20.190 | 27 | 6.810 |
| 1070 | o[fptk \| dlrsmg][ao]m | 280 | 12.452 | 19 | 6.548 |
| 1075 | cear verbs | 303 | 13.475 | 20 | 6.525 |
| 1114 | eky | 217 | 9.650 | 16 | 6.350 |
| 1163 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 222 | 9.873 | 16 | 6.127 |
| 1252 | cear variants | 365 | 16.232 | 22 | 5.768 |
| | | | | | |
| 152 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 44.084 | 76 | 31.916 |
| 228 | c \| c[s \| fptk] + e4dy | 1395 | 27.381 | 51 | 23.619 |
| 270 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 1227 | 24.084 | 45 | 20.916 |
| 325 | c + c[s \| fptk]e4y | 1624 | 31.876 | 50 | 18.124 |
| 336 | dai4n | 1140 | 22.376 | 40 | 17.624 |
| 366 | ce4dy | 755 | 14.819 | 31 | 16.181 |
| 424 | c + e4dy | 3053 | 59.924 | 74 | 14.076 |
| 491 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 2060 | 40.434 | 53 | 12.566 |
| 549 | ce4y | 737 | 14.466 | 26 | 11.534 |
| 574 | [dlrsmg \| fptk] + ai4n | 1724 | 33.839 | 45 | 11.161 |
| 681 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 733 | 14.387 | 24 | 9.613 |
| 787 | cse4dy | 585 | 11.482 | 20 | 8.518 |
| 872 | c[s \| fptk]e4dy | 622 | 12.209 | 20 | 7.791 |
| 894 | cse4y | 578 | 11.345 | 19 | 7.655 |
| 913 | do | 383 | 7.518 | 15 | 7.482 |
| 955 | otar variants | 345 | 6.772 | 14 | 7.228 |
| 988 | o-axis of [yo][fptk][ao][lr] | 764 | 14.996 | 22 | 7.004 |
| 1059 | c[s \| fptk]e4y | 887 | 17.410 | 24 | 6.590 |
| 1103 | okol variants | 285 | 5.594 | 12 | 6.406 |
| 1186 | oi | 304 | 5.967 | 12 | 6.033 |
| 1253 | od[ao]i0-4[lr] | 369 | 7.243 | 13 | 5.757 |
| 1267 | [yo]d[ao]i0-4[lrm \| n] | 880 | 17.273 | 23 | 5.727 |
| 1385 | [yo]d[ao]i0-4[lr] | 393 | 7.714 | 13 | 5.286 |
| 1457 | od[ao]i0-4[lrm \| n] | 813 | 15.958 | 21 | 5.042 |

| | | | | |
|---|---|---|---|---|
| 36 | 2353 | [yo]te4os | 60 | 1.178 |
| 37 | 2354 | c + e4 + [fptk] Endings | 60 | 1.178 |
| 38 | 2405 | [yo]fa | 59 | 1.158 |
| 39 | 2468 | o[tk][ao]s | 58 | 1.138 |
| 40 | 2522 | [yo]cse4y | 57 | 1.119 |
| 41 | 2524 | o[fptk]ce4[lrsmg] | 57 | 1.119 |
| 42 | 2592 | a[lr]an | 56 | 1.099 |
| 43 | 2711 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 54 | 1.060 |
| 44 | 2781 | [fptk][yo]lc | 53 | 1.040 |
| 45 | 2857 | [tk]y | 52 | 1.021 |
| 46 | 2932 | o[fptk]o | 51 | 1.001 |
| 47 | 2933 | [fptk] + c \| c[s \| fptk] + e4o | 51 | 1.001 |
| | | **o[fptk]o (51)** | | |
| 1 | 750 | a-axis of [yo][fptk][ao][lr] | 1731 | 2.268 |
| 2 | 888 | o[fptk]ai4n | 1598 | 2.094 |
| 3 | 1049 | o[fptk]e4dy | 1444 | 1.892 |
| 4 | 1123 | c \| c[s \| fptk] + e4dy | 1395 | 1.828 |
| 5 | 1690 | oi4[dlrsmg \| n] | 1124 | 1.473 |
| 6 | 1845 | [yo]kai0-4n | 1067 | 1.398 |
| 7 | 2027 | okai0-4n | 994 | 1.302 |
| 8 | 2242 | oke4dy | 933 | 1.222 |
| 9 | 2255 | ai4[dlrsmg] | 930 | 1.219 |
| 10 | 2271 | [yo][fptk]e4o[dlrsmg] | 924 | 1.211 |
| 11 | 2585 | ol[dtk] | 842 | 1.103 |
| 12 | 2846 | ai4[lr] | 782 | 1.025 |
| | | **[yo][fptk]e4od (355)** | | |
| 1 | 121 | o[fptk]c + e0-4dy | 554 | 5.053 |
| 2 | 203 | ek[yoa] | 446 | 4.068 |
| 3 | 241 | [fptk]ai4[dlrsmg \| n] | 411 | 3.748 |
| 4 | 287 | [fp]c-Initial | 387 | 3.530 |
| 5 | 328 | cear variants | 365 | 3.329 |
| 6 | 366 | tc-initial | 345 | 3.147 |
| 7 | 459 | pc-initial | 307 | 2.800 |
| 8 | 460 | ai4l | 306 | 2.791 |
| 9 | 466 | oi | 304 | 2.773 |
| 10 | 469 | cear verbs | 303 | 2.763 |
| 11 | 472 | opc + e0-4 + y \| dy \| o[dlrs]y | 302 | 2.754 |
| 12 | 590 | olcey relative | 277 | 2.526 |
| 13 | 619 | ce4ai4n | 271 | 2.472 |
| 14 | 700 | oi4n Superset | 257 | 2.344 |
| 15 | 712 | cean variants | 255 | 2.326 |
| 16 | 713 | ek[yo] | 255 | 2.326 |
| 17 | 951 | cteo-initial | 220 | 2.006 |
| 18 | 974 | eky | 217 | 1.979 |
| 19 | 975 | ke4dy | 217 | 1.979 |
| 20 | 1002 | cean verbs | 213 | 1.943 |
| 21 | 1076 | y + Non-[dlrs] Prefixes | 205 | 1.870 |
| 22 | 1124 | or[yo] | 200 | 1.824 |
| 23 | 1165 | cectey relatives | 197 | 1.797 |
| 24 | 1178 | o[dlrs]ce4y Superset | 196 | 1.788 |
| 25 | 1229 | eka | 191 | 1.742 |
| 26 | 1230 | [fptk]ai4n | 191 | 1.742 |
| 27 | 1243 | [fptk]ai4[lr] | 190 | 1.733 |
| 28 | 1244 | [dlrsmg] + ai4r | 190 | 1.733 |
| 29 | 1262 | cedaiin variants | 189 | 1.724 |
| 30 | 1274 | okce0-4dy | 188 | 1.715 |
| 31 | 1300 | et[yoa] | 186 | 1.696 |
| 32 | 1501 | otce0-4dy | 172 | 1.569 |
| 33 | 1701 | [fptk]e0-4y | 161 | 1.468 |
| 34 | 1740 | opce0-4dy | 159 | 1.450 |
| 35 | 1742 | o[fptk]c + e0-4ol | 159 | 1.450 |
| 36 | 2155 | olcey relatives (non -edy) | 138 | 1.259 |
| 37 | 2222 | o[fptk]c + e0-4or | 135 | 1.231 |
| 38 | 2403 | cedal variants | 127 | 1.158 |
| 39 | 2746 | Consonant Clusters | 115 | 1.049 |
| 40 | 2747 | et[yo] | 115 | 1.049 |
| 41 | 2822 | [yo][fptk\| dlrsmg] + c \| cs + e4o | 113 | 1.031 |
| 42 | 2823 | otor variants | 113 | 1.031 |
| 43 | 2890 | opce0-4y | 111 | 1.012 |
| | | **[yo][fp][yoa] (339)** | | |
| 1 | 90 | [tk]c-Initial | 667 | 5.809 |
| 2 | 103 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 623 | 5.426 |
| 3 | 137 | okal variants | 544 | 4.738 |
| 4 | 214 | lc-initial | 457 | 3.980 |
| 5 | 285 | cte4[yo] | 406 | 3.536 |
| 6 | 323 | do | 383 | 3.336 |
| 7 | 331 | so | 378 | 3.292 |
| 8 | 335 | ceckey relatives | 377 | 3.283 |
| 9 | 399 | tc-initial | 345 | 3.005 |
| 10 | 456 | kc-initial | 322 | 2.804 |
| 11 | 465 | [yo]ke4o[lr] | 319 | 2.778 |
| 12 | 502 | [tk]e4dy | 309 | 2.691 |
| 13 | 517 | pc-initial | 307 | 2.674 |
| 14 | 534 | cear verbs | 303 | 2.639 |
| 15 | 617 | okol variants | 285 | 2.482 |
| 16 | 689 | ce4ai4n | 271 | 2.360 |
| 17 | 782 | cean variants | 255 | 2.221 |
| 18 | 959 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 230 | 2.003 |
| 19 | 1003 | [yo]ke4ol | 223 | 1.942 |
| 20 | 1029 | cteo-initial | 220 | 1.916 |
| 21 | 1054 | ke4dy | 217 | 1.890 |
| 22 | 1097 | cean verbs | 213 | 1.855 |
| 23 | 1151 | oy + oe4y | 207 | 1.803 |
| 24 | 1170 | [tk]e4o | 206 | 1.794 |
| 25 | 1205 | om | 203 | 1.768 |
| 26 | 1272 | cectey relatives | 197 | 1.716 |
| 27 | 1290 | o[dlrs]ce4y Superset | 196 | 1.707 |
| 28 | 1349 | eka | 191 | 1.663 |
| 29 | 1354 | dairol/soral relatives | 190 | 1.655 |
| 30 | 1355 | [fptk]ai4[lr] | 190 | 1.655 |
| 31 | 1387 | okce0-4dy | 188 | 1.637 |
| 32 | 1419 | cte4y | 186 | 1.620 |
| 33 | 1420 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 186 | 1.620 |
| 34 | 1526 | [sr]c-Initial | 179 | 1.559 |
| 35 | 1641 | cke4[yo] | 172 | 1.498 |
| 36 | 1836 | [fptk]e0-4y | 161 | 1.402 |
| 37 | 1883 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 158 | 1.376 |
| 38 | 2207 | ece Noun | 142 | 1.237 |
| 39 | 2230 | oy | 141 | 1.228 |
| 40 | 2289 | olcey relatives (non -edy) | 138 | 1.202 |
| 41 | 2317 | ke4o | 137 | 1.193 |
| 42 | 2358 | o[fptk]c + e0-4or | 135 | 1.176 |

| | | | | | |
|---|---|---|---|---|---|
| 338 | [yo][fptk]e4o[dlrsmg] | 924 | 8.427 | 26 | 17.573 |
| 481 | [yo]dy endings | 1228 | 11.200 | 24 | 12.800 |
| 677 | [yo]ke4o[dlrsmg] | 584 | 5.326 | 15 | 9.674 |
| 700 | o[tk]e0-4y | 2042 | 18.624 | 28 | 9.376 |
| 764 | [yo][fptk]e4od | 355 | 3.238 | 12 | 8.762 |
| 864 | [yo]te4o[dlrsmg] | 341 | 3.110 | 11 | 7.890 |
| 960 | y[fptk]-initial | 1295 | 11.811 | 19 | 7.189 |
| 977 | oe sans oy + oe4y, oe0-4s | 317 | 2.891 | 10 | 7.109 |
| 987 | oke0-4y | 1314 | 11.984 | 19 | 7.016 |
| 1027 | oe | 463 | 4.223 | 11 | 6.777 |
| 1071 | oce4y + infixed versions | 379 | 3.457 | 10 | 6.543 |
| 1101 | [yo][fptk]e4od + y | 284 | 2.590 | 9 | 6.410 |
| 1165 | [yo]ke4od | 207 | 1.888 | 8 | 6.112 |
| 1258 | [yo]ce4y + infixed versions | 466 | 4.250 | 10 | 5.750 |
| 1414 | [yo]ke4o | 89 | 0.812 | 6 | 5.188 |
| 1449 | [yo][fptk]e4ol | 322 | 2.937 | 8 | 5.063 |

| | | | | | |
|---|---|---|---|---|---|
| 404 | [yo][fp][yoa] | 339 | 2.952 | 18 | 15.048 |
| 568 | [yo][fp]a | 200 | 1.742 | 13 | 11.258 |
| 669 | [yo]pa | 141 | 1.228 | 11 | 9.772 |
| 763 | ai4[dlrsmg \| n] | 1519 | 13.229 | 22 | 8.771 |
| 862 | ai4[dlrsmg] | 930 | 8.100 | 16 | 7.900 |
| 925 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 3168 | 27.591 | 35 | 7.409 |
| 934 | opc + e0-4 + y \| dy \| o[dlrs]y | 302 | 2.630 | 10 | 7.370 |
| 1147 | y-initial | 1926 | 16.774 | 23 | 6.226 |
| 1217 | o[lr][yoa] | 1044 | 9.092 | 15 | 5.908 |
| 1304 | o[lr][oa] | 735 | 6.401 | 12 | 5.599 |
| 1463 | [yo][fp]ai0-4[rn] | 111 | 0.967 | 6 | 5.033 |
| 1464 | opce0-4y | 111 | 0.967 | 6 | 5.033 |

| | | | | |
|---|---|---|---|---|
| 43 | 2432 | oc[fpt]e4y | 132 | 1.150 |
| 44 | 2573 | [y o][fptk]e4or | 127 | 1.106 |
| 45 | 2929 | et[y o] | 115 | 1.002 |
| | | **osa (66)** | | |
| 1 | 107 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 3168 | 5.372 |
| 2 | 116 | c + e4dy | 3053 | 5.177 |
| 3 | 428 | [dlrsmg \| fptk] + ai4n | 1724 | 2.923 |
| 4 | 630 | [dlrsmg \| fptk] + ai4[dlrsmg] | 1444 | 2.448 |
| 5 | 685 | c \| c[s \| fptk] + e4dy | 1395 | 2.365 |
| 6 | 773 | oke0-4y | 1314 | 2.228 |
| 7 | 1009 | dai4n | 1140 | 1.933 |
| 8 | 1217 | [dlrsmg] + ai4[lr] + y-suffix | 1035 | 1.755 |
| 9 | 1668 | [dlrsmg]ai4[lr] | 875 | 1.484 |
| 10 | 1891 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 809 | 1.372 |
| 11 | 2095 | ce4dy | 755 | 1.280 |
| 12 | 2184 | [dlrsmg \| fptk]e0-4y | 735 | 1.246 |
| 13 | 2683 | oe0-4s | 632 | 1.072 |
| 14 | 2729 | c[s \| fptk]e4dy | 622 | 1.055 |
| | | **[fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (2246)** | | |
| 1 | 19 | dairol/soral relatives | 190 | 10.963 |
| 2 | 112 | a[dlrsmg]c | 91 | 5.251 |
| 3 | 131 | dcedy relatives | 85 | 4.905 |
| 4 | 233 | oe4y | 66 | 3.808 |
| 5 | 303 | [y o]te4os | 60 | 3.462 |
| 6 | 304 | oce4y | 60 | 3.462 |
| 7 | 311 | o[fptk]edai4n | 59 | 3.404 |
| 8 | 418 | o[fptk]o | 51 | 2.943 |
| 9 | 655 | [y o][fptk]ce4d | 42 | 2.423 |
| 10 | 717 | o[fptk]edal | 40 | 2.308 |
| 11 | 807 | o[fptk]d | 38 | 2.193 |
| 12 | 989 | [fptk][dlrs] Prefixes | 34 | 1.962 |
| 13 | 1038 | odai0-4m | 33 | 1.904 |
| 14 | 1039 | [fptk \| dlrs] prefixes to daiin | 33 | 1.904 |
| 15 | 1250 | cedam variants | 30 | 1.731 |
| 16 | 1337 | y cse4y | 29 | 1.673 |
| 17 | 1756 | opor variants | 25 | 1.443 |
| 18 | 1979 | ofce0-4y | 23 | 1.327 |
| 19 | 1980 | a[fptk]a | 23 | 1.327 |
| 20 | 2119 | eto | 22 | 1.269 |
| 21 | 2266 | olp | 21 | 1.212 |
| 22 | 2416 | ocees relatives | 20 | 1.154 |
| 23 | | | | |
| 24 | | | | |
| 25 | | | | |
| 26 | | | | |
| 27 | | | | |
| 28 | | | | |
| 29 | | | | |
| 30 | | | | |
| 31 | | | | |
| 32 | | | | |
| 33 | | | | |
| 34 | | | | |
| 35 | | | | |
| 36 | | | | |
| 37 | | | | |
| 38 | | | | |
| 39 | | | | |
| 40 | | | | |
| 41 | | | | |
| 42 | | | | |
| 43 | | | | |
| 44 | | | | |
| 45 | | | | |
| 46 | | | | |
| 47 | | | | |
| 48 | | | | |
| 49 | | | | |
| 50 | | | | |
| 51 | | | | |
| 52 | | | | |
| 53 | | | | |
| 54 | | | | |
| 55 | | | | |
| 56 | | | | |
| 57 | | | | |
| 58 | | | | |
| 59 | | | | |
| 60 | | | | |
| 61 | | | | |
| 62 | | | | |
| 63 | | | | |
| 64 | | | | |
| 65 | | | | |
| 66 | | | | |
| 67 | | | | |
| 68 | | | | |
| | | **[fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (503)** | | |
| 1 | 41 | cse4dy | 585 | 7.560 |
| 2 | 265 | c \| cs + e0-4[dlrsmg] | 281 | 3.631 |
| 3 | 649 | c \| cs + e0-4s | 188 | 2.429 |
| 4 | 650 | okce0-4dy | 188 | 2.429 |
| 5 | 672 | et[y o a] | 186 | 2.404 |
| 6 | 745 | cedar variants | 176 | 2.274 |
| 7 | 781 | otce0-4dy | 172 | 2.223 |
| 8 | 856 | ce0-4s | 165 | 2.132 |
| 9 | 1126 | [y o]pa | 141 | 1.822 |
| 10 | 1224 | o[fptk]c + e0-4or | 135 | 1.745 |
| 11 | 1326 | [y o]te4o[lr] | 130 | 1.680 |
| 12 | 1376 | cedal variants | 127 | 1.641 |
| 13 | 1377 | [y o][fptk]e4or | 127 | 1.641 |
| 14 | 1400 | olai0-4n | 126 | 1.628 |
| 15 | 1661 | et[y o] | 115 | 1.486 |
| 16 | 1802 | [y o]c + e4dy | 110 | 1.421 |
| 17 | 1896 | o[fptk]e4os | 106 | 1.370 |
| 18 | 1922 | aro[dlrsmg] | 105 | 1.357 |

| | | | | |
|---|---|---|---|---|
| 9 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 129.599 | 301 | 171.401 |
| 14 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 1227 | 70.801 | 177 | 106.199 |
| 45 | c[fptk]e4o-initial & c[fptk]e4y Superclass | 1659 | 95.728 | 163 | 67.272 |
| 67 | [dlrsmg \| fptk] + ai4n | 1724 | 99.479 | 155 | 55.521 |
| 69 | c + c[s \| fptk]e4y | 1624 | 93.708 | 148 | 54.292 |
| 70 | dai4n | 1140 | 65.781 | 120 | 54.220 |
| 71 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 2060 | 118.867 | 173 | 54.133 |
| 80 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 733 | 42.296 | 94 | 51.704 |
| 81 | cte4[y o] | 406 | 23.427 | 74 | 50.573 |
| 87 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 3168 | 182.801 | 232 | 49.199 |
| 116 | c[s \| fptk]e4y | 887 | 51.182 | 91 | 39.818 |
| 169 | cteo-initial | 220 | 12.694 | 42 | 29.306 |
| 201 | c[fptk]e4y | 310 | 17.888 | 44 | 26.112 |
| 252 | ea | 1195 | 68.954 | 91 | 22.046 |
| 264 | cte4y | 186 | 10.733 | 32 | 21.267 |
| 272 | ce4a | 1009 | 58.222 | 79 | 20.778 |
| 329 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 519 | 29.947 | 48 | 18.053 |
| 345 | o[lr][y o] | 583 | 33.640 | 51 | 17.360 |
| 384 | cean verbs | 213 | 12.291 | 28 | 15.709 |
| 397 | ce4ai4n | 271 | 15.637 | 31 | 15.363 |
| 399 | cean variants | 255 | 14.714 | 30 | 15.286 |
| 416 | ce4y | 737 | 42.527 | 57 | 14.473 |
| 429 | o-axis of [y o][fptk][ao][lr] | 764 | 44.084 | 58 | 13.916 |
| 437 | o[lr][y o a] | 1044 | 60.241 | 74 | 13.759 |
| 444 | cse4y | 578 | 33.352 | 47 | 13.648 |
| 466 | cke4[y o] | 172 | 9.925 | 23 | 13.075 |
| 488 | [y o]ke4o[lr] | 319 | 18.407 | 31 | 12.593 |
| 504 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 809 | 46.681 | 59 | 12.319 |
| 506 | [fptk]ai4[dlrsmg \| n] | 411 | 23.716 | 36 | 12.284 |
| 576 | [y o]dy endings | 1228 | 70.858 | 82 | 11.142 |
| 581 | [y o][fptk]e4o[lr] | 449 | 25.908 | 37 | 11.092 |
| 614 | ol[y o] | 388 | 22.388 | 33 | 10.612 |
| 643 | o[lr]o | 274 | 15.810 | 26 | 10.190 |
| 662 | olo | 175 | 10.098 | 20 | 9.902 |
| 663 | do | 383 | 22.100 | 32 | 9.900 |
| 708 | [y o]ke4o[dlrsmg] | 584 | 33.698 | 43 | 9.302 |
| 833 | [y o]ke4ol | 223 | 12.868 | 21 | 8.132 |
| 896 | o[lr]y | 318 | 18.349 | 26 | 7.651 |
| 897 | cke4y | 93 | 5.366 | 13 | 7.634 |
| 904 | cpe4[y o] | 94 | 5.424 | 13 | 7.576 |
| 915 | ceal variants | 269 | 15.522 | 23 | 7.478 |
| 941 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 445 | 25.677 | 33 | 7.323 |
| 947 | om | 203 | 11.714 | 19 | 7.286 |
| 968 | cpeo-initial | 67 | 3.866 | 11 | 7.134 |
| 990 | [fptk]ai4n | 191 | 11.021 | 18 | 6.979 |
| 1006 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 54 | 3.116 | 10 | 6.884 |
| 1037 | ceal verbs | 230 | 13.272 | 20 | 6.729 |
| 1038 | or[y o a] | 438 | 25.274 | 32 | 6.726 |
| 1045 | ko | 179 | 10.329 | 17 | 6.671 |
| 1060 | o[lr][o a] | 735 | 42.411 | 49 | 6.589 |
| 1065 | ol[y o a] | 614 | 35.429 | 42 | 6.571 |
| 1084 | or[y o] | 200 | 11.540 | 18 | 6.460 |
| 1099 | [y o][fptk]e4ol | 322 | 18.580 | 25 | 6.420 |
| 1152 | otol variants | 239 | 13.791 | 20 | 6.209 |
| 1185 | [y o]c[fptk]e4y | 294 | 16.964 | 23 | 6.036 |
| 1226 | ol[o a] | 401 | 23.139 | 29 | 5.861 |
| 1227 | [dlrsmg]e0-4y | 453 | 26.139 | 32 | 5.861 |
| 1232 | ol[ds] | 315 | 18.176 | 24 | 5.824 |
| 1251 | ory | 108 | 6.232 | 12 | 5.768 |
| 1275 | o[dlrs]ce4y Superset | 196 | 11.310 | 17 | 5.690 |
| 1326 | dai4m | 130 | 7.501 | 13 | 5.499 |
| 1340 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4oly | 44 | 2.539 | 8 | 5.461 |
| 1344 | ckeo-initial | 79 | 4.558 | 10 | 5.442 |
| 1362 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ory | 28 | 1.616 | 7 | 5.384 |
| 1377 | oc[fptk]e4y | 289 | 16.676 | 22 | 5.324 |
| 1386 | ek[y o] | 255 | 14.714 | 20 | 5.286 |
| 1423 | [y o]e4 \| c + [fp] | 84 | 4.847 | 10 | 5.153 |
| 1461 | [fptk]ai4[lr] | 190 | 10.963 | 16 | 5.037 |
| 166 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 2060 | 26.621 | 56 | 29.379 |
| 215 | [tk]c-Initial | 667 | 8.619 | 33 | 24.381 |
| 308 | [dlrsmg \| fptk] + ai4n | 1724 | 22.279 | 41 | 18.721 |
| 311 | c[fptk]e4o-initial & c[fptk]e4y Superclass | 1659 | 21.439 | 40 | 18.561 |
| 354 | kc-initial | 322 | 4.161 | 21 | 16.839 |
| 426 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 29.024 | 43 | 13.976 |
| 456 | l[fptk] Prefixes | 514 | 6.642 | 20 | 13.358 |
| 457 | dai4n | 1140 | 14.732 | 28 | 13.268 |
| 463 | lk-initial | 454 | 5.867 | 19 | 13.133 |
| 473 | c[fptk]e4y | 310 | 4.006 | 17 | 12.994 |
| 484 | cte4[y o] | 406 | 5.247 | 18 | 12.753 |
| 495 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 809 | 10.454 | 23 | 12.546 |
| 516 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 3168 | 40.939 | 53 | 12.061 |
| 572 | ke4o | 137 | 1.770 | 13 | 11.230 |
| 617 | c[s \| fptk]e4y | 887 | 11.462 | 22 | 10.538 |
| 690 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 503 | 6.500 | 16 | 9.500 |
| 706 | [tk]e4o | 206 | 2.662 | 12 | 9.338 |
| 773 | Single-Letter Words | 566 | 7.314 | 16 | 8.686 |

| | | | | |
|---|---|---|---|---|
| 19 | 1971 | sc-initial | 103 | 1.331 |
| 20 | 1998 | cse0-4s | 102 | 1.318 |
| 21 | 1999 | oro | 102 | 1.318 |
| 22 | 2098 | [y o]te4ol | 99 | 1.279 |
| 23 | 2123 | o[tk]e4s | 98 | 1.266 |
| 24 | 2200 | [y o]ke4or | 96 | 1.241 |
| 25 | 2290 | ety | 93 | 1.202 |
| 26 | 2291 | ols | 93 | 1.202 |
| 27 | 2328 | a[dlrsmg]am | 92 | 1.189 |
| 28 | 2356 | a[dlrsmg]c | 91 | 1.176 |
| 29 | 2357 | te4dy | 91 | 1.176 |
| 30 | 2388 | edo | 90 | 1.163 |
| 31 | 2428 | c \| cs + e0-4d | 89 | 1.150 |
| 32 | 2429 | [y o]ke4o | 89 | 1.150 |
| 33 | 2473 | o + c \| cs + e4o[lr] | 88 | 1.137 |
| 34 | 2474 | [y o][fptk]e4o | 88 | 1.137 |
| 35 | 2506 | y ce4y + infixed versions | 87 | 1.124 |
| 36 | 2593 | dcedy relatives | 85 | 1.098 |
| 37 | 2627 | [y o]e4 \| c + [fp] | 84 | 1.086 |
| 38 | 2712 | y ce4y + s infixes | 82 | 1.060 |
| 39 | 2854 | e[fp][y o a] | 79 | 1.021 |
| 40 | 2855 | o[fptk] endings | 79 | 1.021 |
| | | **[fptk \| dlrsmg] + c \| c[s \| fptk] + e4od (68)** | | |
| 1 | 1397 | oke4dy | 933 | 1.630 |
| 2 | 1412 | ai4[dlrsmg] | 930 | 1.625 |
| 3 | 1548 | c[s \| fptk]e4y | 887 | 1.550 |
| 4 | 1815 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 809 | 1.413 |
| 5 | 1897 | eda | 784 | 1.370 |
| 6 | 1901 | ai4[lr] | 782 | 1.366 |
| 7 | 2093 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 733 | 1.281 |
| 8 | 2901 | cse4y | 578 | 1.010 |
| | | **[fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody (445)** | | |
| 1 | 62 | o[lr][y o] | 583 | 6.665 |
| 2 | 115 | lc-initial | 457 | 5.225 |
| 3 | 166 | ol[y o] | 388 | 4.436 |
| 4 | 245 | [dlrsmg] + c \| c[s \| fptk] + e4dy | 327 | 3.738 |
| 5 | 264 | o[lr]y | 318 | 3.636 |
| 6 | 296 | ai4l | 306 | 3.498 |
| 7 | 301 | cear verbs | 303 | 3.464 |
| 8 | 360 | olcey relative | 277 | 3.167 |
| 9 | 369 | o[lr]o | 274 | 3.133 |
| 10 | 582 | oly | 222 | 2.538 |
| 11 | 583 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 222 | 2.538 |
| 12 | 734 | or[y o] | 200 | 2.287 |
| 13 | 762 | cectey relatives | 197 | 2.252 |
| 14 | 875 | o[fptk]eda[lrsm \| n] | 184 | 2.104 |
| 15 | 962 | olo | 175 | 2.001 |
| 16 | 1108 | [fptk]e0-4y | 161 | 1.841 |
| 17 | 1429 | [y o]pa | 141 | 1.612 |
| 18 | 1486 | olcey relatives (non -edy) | 138 | 1.578 |
| 19 | 1624 | g | 132 | 1.509 |
| 20 | 1734 | cedal variants | 127 | 1.452 |
| 21 | 1758 | olai0-4n | 126 | 1.441 |
| 22 | 2005 | Consonant Clusters | 115 | 1.315 |
| 23 | 2006 | rai4n | 115 | 1.315 |
| 24 | 2062 | [y o]ce4y | 113 | 1.292 |
| 25 | 2063 | otor variants | 113 | 1.292 |
| 26 | 2211 | ory | 108 | 1.235 |
| 27 | 2382 | oro | 102 | 1.166 |
| 28 | 2826 | edo | 90 | 1.029 |
| 29 | 2873 | c \| cs + e0-4d | 89 | 1.018 |
| 30 | | | | |
| 31 | | | | |
| 32 | | | | |
| | | **[fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol (1227)** | | |
| 1 | 82 | dairol/soral relatives | 190 | 5.989 |
| 2 | 104 | [y o]ce4y + s infixes | 172 | 5.422 |
| 3 | 213 | cedal variants | 127 | 4.003 |
| 4 | 280 | [y o]ce4y | 113 | 3.562 |
| 5 | 321 | o[fptk]e4os | 106 | 3.341 |
| 6 | 403 | Detached Class Modifiers | 95 | 2.995 |
| 7 | 438 | a[dlrsmg]c | 91 | 2.869 |
| 8 | 442 | oce4y + s infixes | 90 | 2.837 |
| 9 | 443 | edo | 90 | 2.837 |
| 10 | 512 | dcedy relatives | 85 | 2.679 |
| 11 | 555 | y ce4y + s infixes | 82 | 2.585 |
| 12 | 677 | rc-initial | 76 | 2.396 |
| 13 | 847 | o[fptk][dlrsmg] | 68 | 2.144 |
| 14 | 873 | y d[ao]i0-4[lrm \| n] | 67 | 2.112 |
| 15 | 895 | oe4y | 66 | 2.081 |
| 16 | 896 | o[fptk][ao]s | 66 | 2.081 |
| 17 | 897 | osa | 66 | 2.081 |
| 18 | 916 | y dai0-4[lrm \| n] | 65 | 2.049 |
| 19 | 996 | cear nouns | 62 | 1.954 |
| 20 | 1021 | faceys relatives | 61 | 1.923 |
| 21 | 1050 | [y o]te4os | 60 | 1.891 |
| 22 | 1051 | oce4y | 60 | 1.891 |
| 23 | 1090 | [y o]fa | 59 | 1.860 |
| 24 | 1091 | o[fptk]edai4n | 59 | 1.860 |
| 25 | 1119 | o[tk][ao]s | 58 | 1.828 |
| 26 | 1163 | [y o]cse4y | 57 | 1.797 |
| 27 | 1339 | y ce4y | 53 | 1.671 |
| 28 | 1436 | o[fptk]o | 51 | 1.608 |
| 29 | 1553 | [y o]te4o | 49 | 1.545 |
| 30 | 1615 | [y o]c + e4ody | 48 | 1.513 |
| 31 | 1743 | [y o]ke4os | 46 | 1.450 |
| 32 | 1744 | ep[y o a] | 46 | 1.450 |
| 33 | 1991 | [y o][fptk]ce4d | 42 | 1.324 |
| 34 | 2143 | o + c \| cs + e4or | 40 | 1.261 |
| 35 | 2144 | y dai0-4n | 40 | 1.261 |
| 36 | 2145 | y d[ao]i0-4n | 40 | 1.261 |
| 37 | 2146 | o[fptk]edal | 40 | 1.261 |
| 38 | 2301 | y c + e4o | 38 | 1.198 |
| 39 | 2302 | od[fptk \| dlrsmg] | 38 | 1.198 |
| 40 | 2303 | o[fptk]d | 38 | 1.198 |

| | | | | |
|---|---|---|---|---|
| 852 | c + c[s \| fptk]e4y | 1624 | 20.986 | 29 | 8.014 |
| 908 | tc-initial | 345 | 4.458 | 12 | 7.542 |
| 1026 | cke4[y o] | 172 | 2.223 | 9 | 6.777 |
| 1058 | cte4y | 186 | 2.404 | 9 | 6.596 |
| 1128 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 519 | 6.707 | 13 | 6.293 |
| 1156 | cteo-initial | 220 | 2.843 | 9 | 6.157 |
| 1158 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 1227 | 15.856 | 22 | 6.144 |
| 1162 | [y o]dy endings | 1228 | 15.869 | 22 | 6.131 |
| 1170 | lc-initial | 457 | 5.906 | 12 | 6.094 |
| 1231 | oe0-4s | 632 | 8.167 | 14 | 5.833 |
| 1319 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 733 | 9.472 | 15 | 5.528 |
| 1395 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 445 | 5.751 | 11 | 5.249 |
| 1466 | rc-initial | 76 | 0.982 | 6 | 5.018 |
| 253 | [y o]dy endings | 1228 | 14.039 | 36 | 21.961 |
| 383 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 1421 | 16.246 | 32 | 15.754 |
| 521 | c[fptk]e4o-initial & c[fptk]e4y Superclass | 1659 | 18.967 | 31 | 12.033 |
| 636 | [y o][fptk][ao][lr] | 2688 | 30.731 | 41 | 10.269 |
| 703 | oc[s \| fptk]e4y | 319 | 3.647 | 13 | 9.353 |
| 709 | o-axis of [y o][fptk][ao][lr] | 764 | 8.734 | 18 | 9.266 |
| 744 | [y o]c[s \| fptk]e4y | 353 | 4.036 | 13 | 8.964 |
| 771 | oc[fptk]e4y | 289 | 3.304 | 12 | 8.696 |
| 775 | oce4y + infixed versions | 379 | 4.333 | 13 | 8.667 |
| 779 | [y o]c[fptk]e4y | 294 | 3.361 | 12 | 8.639 |
| 802 | o[fptk]c + e0-4y | 753 | 8.609 | 17 | 8.391 |
| 805 | otc + e0-4 + y \| dy \| o[dlrs]y | 493 | 5.636 | 14 | 8.364 |
| 882 | okol variants | 285 | 3.258 | 11 | 7.742 |
| 885 | od[ao]i0-4[lrm \| n] | 813 | 9.295 | 17 | 7.705 |
| 891 | [y o]ce4y + infixed versions | 466 | 5.328 | 13 | 7.672 |
| 940 | [y o]ke4o[dlrsmg] | 584 | 6.677 | 14 | 7.323 |
| 1000 | [y o]d[ao]i0-4[lrm \| n] | 880 | 10.061 | 17 | 6.939 |
| 1004 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 445 | 5.087 | 12 | 6.913 |
| 1032 | [y o][fptk]e4od + y | 284 | 3.247 | 10 | 6.753 |
| 1067 | okc + e0-4 + y \| dy \| o[dlrs]y | 563 | 6.437 | 13 | 6.563 |
| 1089 | [y o][fptk]e4o[dlrsmg] | 924 | 10.564 | 17 | 6.436 |
| 1117 | odai0-4n | 408 | 4.664 | 11 | 6.336 |
| 1122 | od[ao]i0-4n | 410 | 4.687 | 11 | 6.313 |
| 1145 | odai0-4[lrm \| n] | 767 | 8.769 | 15 | 6.231 |
| 1178 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 519 | 5.933 | 12 | 6.067 |
| 1209 | [y o][fptk]e4od | 355 | 4.059 | 10 | 5.941 |
| 1224 | y odai0-4n | 448 | 5.122 | 11 | 5.878 |
| 1228 | [y o]d[ao]i0-4n | 450 | 5.145 | 11 | 5.855 |
| 1288 | [y o]ke4od | 207 | 2.367 | 8 | 5.633 |
| 1330 | oc[fpt]e4y | 132 | 1.509 | 7 | 5.491 |
| 1331 | y odai0-4[lrm \| n] | 832 | 9.512 | 15 | 5.488 |
| 1379 | oda | 847 | 9.683 | 15 | 5.317 |
| 20 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 70.801 | 162 | 91.199 |
| 30 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 1227 | 38.679 | 115 | 76.321 |
| 38 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 3168 | 99.865 | 173 | 73.135 |
| 51 | [dlrsmg \| fptk] + ai4n | 1724 | 54.346 | 118 | 63.654 |
| 76 | dai4n | 1140 | 35.936 | 88 | 52.064 |
| 195 | c[fptk]e4o-initial & c[fptk]e4y Superclass | 1659 | 52.297 | 79 | 26.703 |
| 204 | cte4[y o] | 406 | 12.798 | 38 | 25.202 |
| 330 | [fptk]ai4[dlrsmg \| n] | 411 | 12.956 | 31 | 18.044 |
| 403 | cteo-initial | 220 | 6.935 | 22 | 15.065 |
| 445 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 519 | 16.360 | 30 | 13.640 |
| 496 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 809 | 25.502 | 38 | 12.498 |
| 520 | c[s \| fptk]e4y | 887 | 27.961 | 40 | 12.039 |
| 526 | [fptk]ai4n | 191 | 6.021 | 18 | 11.979 |
| 530 | [y o]ke4o[lr] | 319 | 10.056 | 22 | 11.944 |
| 538 | c + c[s \| fptk]e4y | 1624 | 51.193 | 63 | 11.807 |
| 573 | c[fptk]e4y | 310 | 9.772 | 21 | 11.228 |
| 582 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 2060 | 64.937 | 76 | 11.063 |
| 587 | [tk]c-Initial | 667 | 21.026 | 32 | 10.974 |
| 597 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 733 | 23.106 | 34 | 10.894 |
| 600 | [y o][fptk]e4o[lr] | 449 | 14.154 | 25 | 10.846 |
| 646 | cte4y | 186 | 5.863 | 16 | 10.137 |
| 657 | [y o]ke4ol | 223 | 7.030 | 17 | 9.970 |
| 661 | do | 383 | 12.073 | 22 | 9.927 |
| 667 | [dlrsmg \| fptk]e0-4y | 735 | 23.169 | 33 | 9.831 |
| 672 | [dlrsmg]e0-4y | 453 | 14.280 | 24 | 9.720 |
| 691 | [dlrsmg \| fptk] + ai4[dlrsmg] | 1444 | 45.519 | 55 | 9.481 |
| 710 | [tk]e4dy | 309 | 9.741 | 19 | 9.259 |
| 758 | [y o][fptk]e4ol | 322 | 10.150 | 19 | 8.850 |
| 806 | ko | 179 | 5.643 | 14 | 8.357 |
| 816 | [y o]dy endings | 1228 | 38.710 | 47 | 8.290 |
| 856 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 445 | 14.028 | 22 | 7.972 |
| 903 | [y o]ke4o[dlrsmg] | 584 | 18.409 | 26 | 7.591 |
| 967 | ke4dy | 217 | 6.840 | 14 | 7.160 |
| 1002 | o-axis of [y o][fptk][ao][lr] | 764 | 24.084 | 31 | 6.916 |
| 1012 | kc-initial | 322 | 10.150 | 17 | 6.850 |
| 1078 | olo | 175 | 5.517 | 12 | 6.483 |
| 1085 | ce4ai4n | 271 | 8.543 | 15 | 6.457 |
| 1112 | ol[oa] | 401 | 12.641 | 19 | 6.359 |
| 1193 | [fptk]ai4[lr] | 190 | 5.989 | 12 | 6.011 |
| 1204 | cean variants | 255 | 8.038 | 14 | 5.962 |

| | | | | |
|---|---|---|---|---|
| 41 | 2380 | c[fptk]e4dy | 37 | 1.166 |
| 42 | 2381 | [yo]d[ao]i0-4m | 37 | 1.166 |
| 43 | 2480 | yodai0-4m | 36 | 1.135 |
| 44 | 2584 | [yo]fai0-4[rn] | 35 | 1.103 |
| 45 | 2672 | ope0-4y | 34 | 1.072 |
| 46 | 2673 | odcey relatives | 34 | 1.072 |
| 47 | 2674 | od[ao]i0-4m | 34 | 1.072 |
| 48 | 2675 | yc + e4ol | 34 | 1.072 |
| 49 | 2676 | osai0-4n | 34 | 1.072 |
| 50 | 2677 | [fptk][dlrs] Prefixes | 34 | 1.072 |
| 51 | 2782 | [yo]py | 33 | 1.040 |
| 52 | 2783 | odai0-4m | 33 | 1.040 |
| 53 | 2784 | [fptk \| dlrs] prefixes to daiin | 33 | 1.040 |
| 54 | 2902 | c[fptk]e4o | 32 | 1.009 |
| | | **[fptk \| dlrsmg] + c \| c[s \| fptk] + e4or (733)** | | |
| 1 | 74 | [dlrsmg] + c \| c[s \| fptk] + e4dy | 327 | 6.158 |
| 2 | 89 | [tk]e4dy | 309 | 5.819 |
| 3 | 201 | ke4dy | 217 | 4.086 |
| 4 | 270 | [fptk]ai4n | 191 | 3.597 |
| 5 | 275 | dairol/soral relatives | 190 | 3.578 |
| 6 | 300 | o[fptk]eda[lrsm \| n] | 184 | 3.465 |
| 7 | 343 | otce0-4dy | 172 | 3.239 |
| 8 | 455 | [yo]e0-4[fp]e0-4[yo] | 149 | 2.806 |
| 9 | 516 | ece Noun | 142 | 2.674 |
| 10 | 684 | olai0-4n | 126 | 2.373 |
| 11 | 833 | Consonant Clusters | 115 | 2.166 |
| 12 | 902 | [yo]c + e4dy | 110 | 2.071 |
| 13 | 965 | o[fptk]e4os | 106 | 1.996 |
| 14 | 977 | aro[dlrsmg] | 105 | 1.977 |
| 15 | 1176 | [yo][fp]o | 95 | 1.789 |
| 16 | 1246 | a[dlrsmg]am | 92 | 1.733 |
| 17 | 1275 | a[dlrsmg]c | 91 | 1.714 |
| 18 | 1276 | te4dy | 91 | 1.714 |
| 19 | 1303 | edo | 90 | 1.695 |
| 20 | 1304 | oce4y + s infixes | 90 | 1.695 |
| 21 | 1333 | c \| cs + e0-4d | 89 | 1.676 |
| 22 | 1353 | otod variants | 88 | 1.657 |
| 23 | 1451 | dcedy relatives | 85 | 1.601 |
| 24 | 1630 | l-prefix + [fptk]e0-4y | 80 | 1.507 |
| 25 | 1658 | dl Consonant clusters | 79 | 1.488 |
| 26 | 1659 | o[fptk] endings | 79 | 1.488 |
| 27 | 1772 | rc-initial | 76 | 1.431 |
| 28 | 1773 | okam variants | 76 | 1.431 |
| 29 | 1816 | ofc + e4 + y \| dy \| o + [lr] Superset | 75 | 1.412 |
| 30 | 1817 | te4o | 75 | 1.412 |
| 31 | 1818 | o[fptk]c + e4ody | 75 | 1.412 |
| 32 | 1923 | o[fptk]edar | 72 | 1.356 |
| 33 | 1957 | oe0-4[fp]oe0-4[lr] | 71 | 1.337 |
| 34 | 1997 | [yo]po | 70 | 1.318 |
| 35 | 2094 | yc + e4o[lr] | 68 | 1.281 |
| 36 | 2196 | oe4y | 66 | 1.243 |
| 37 | 2238 | ofc + e0-4 + y \| dy \| o[dlrs]y | 65 | 1.224 |
| 38 | 2239 | olt | 65 | 1.224 |
| 39 | 2285 | c \| cs + e0-4l | 64 | 1.205 |
| 40 | 2373 | [yo]c[fp] | 62 | 1.168 |
| 41 | 2374 | oo | 62 | 1.168 |
| 42 | 2435 | faceys relatives | 61 | 1.149 |
| 43 | 2492 | [yo]te4os | 60 | 1.130 |
| 44 | 2493 | [yo][fptk]e4d | 60 | 1.130 |
| 45 | 2494 | oce4y | 60 | 1.130 |
| 46 | 2552 | o[fptk]edai4n | 59 | 1.111 |
| 47 | 2663 | [yo]cse4y | 57 | 1.073 |
| 48 | 2730 | a[lr]an | 56 | 1.055 |
| 49 | 2875 | okc + e4or | 54 | 1.017 |
| | | **[fptk \| dlrsmg] + c \| c[s \| fptk] + e4os (158)** | | |
| 1 | 9 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 3168 | 12.860 |
| 2 | 55 | [dlrsmg \| fptk] + ai4n | 1724 | 6.998 |
| 3 | 87 | [dlrsmg \| fptk] + ai4[dlrsmg] | 1444 | 5.861 |
| 4 | 150 | dai4n | 1140 | 4.627 |
| 5 | 188 | [dlrsmg] + ai4[lr] + y-suffix | 1035 | 4.201 |
| 6 | 235 | oke4dy | 933 | 3.787 |
| 7 | 282 | [dlrsmg]ai4[lr] | 875 | 3.552 |
| 8 | 357 | eda | 784 | 3.182 |
| 9 | 376 | o-axis of [yo][fptk][ao][lr] | 764 | 3.101 |
| 10 | 492 | [tk]c-Initial | 667 | 2.707 |
| 11 | 589 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 623 | 2.529 |
| 12 | 851 | cedai4[lrsm \| n] | 527 | 2.139 |
| 13 | 1342 | [fptk]ai4[dlrsmg \| n] | 411 | 1.668 |
| 14 | 1582 | ceckey relatives | 377 | 1.530 |
| 15 | 1841 | tc-initial | 345 | 1.400 |
| 16 | 1842 | otar variants | 345 | 1.400 |
| 17 | 1932 | otal variants | 333 | 1.352 |
| 18 | 1978 | [dlrsmg] + c \| c[s \| fptk] + e4dy | 327 | 1.327 |
| 19 | 2020 | kc-initial | 322 | 1.307 |
| 20 | 2170 | [tk]e4dy | 309 | 1.254 |
| 21 | 2231 | opc + e0-4 + y \| dy \| o[dlrs]y | 302 | 1.226 |
| 22 | 2407 | okol variants | 285 | 1.157 |
| 23 | 2462 | otce0-4y | 281 | 1.141 |
| 24 | 2463 | c \| cs + e0-4[dlrsmg] | 281 | 1.141 |
| 25 | 2753 | sai4n | 258 | 1.047 |
| | | **[fptk \| dlrsmg] + c \| c[s \| fptk] + e4om (54)** | | |
| 1 | 957 | o[fptk]e4dy | 1444 | 2.003 |
| 2 | 981 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 1421 | 1.971 |
| 3 | 1352 | ea | 1195 | 1.658 |
| 4 | 1524 | oi4[dlrsmg \| n] | 1124 | 1.559 |
| 5 | 1676 | [yo]kai0-4n | 1067 | 1.480 |
| 6 | 1843 | ce4a | 1009 | 1.400 |
| 7 | 1873 | okai0-4n | 994 | 1.379 |
| 8 | 2059 | oke4dy | 933 | 1.294 |
| 9 | 2245 | [yo]d[ao]i0-4[lrm \| n] | 880 | 1.221 |
| 10 | 2360 | oda | 847 | 1.175 |
| 11 | 2413 | yodai0-4[lrm \| n] | 832 | 1.154 |
| 12 | 2495 | od[ao]i0-4[lrm \| n] | 813 | 1.128 |
| 13 | 2624 | eda | 784 | 1.088 |
| 14 | 2632 | ai4[lr] | 782 | 1.085 |
| 15 | 2701 | odai0-4[lrm \| n] | 767 | 1.064 |
| 16 | 2751 | ce4dy | 755 | 1.047 |
| 17 | 2759 | o[fptk]c + e0-4y | 753 | 1.045 |

| | | | | |
|---|---|---|---|---|
| 1218 | dai4m | 130 | 4.098 | 10 | 5.902 |
| 1233 | [fptk] + c \| c[s \| fptk] + e4dy | 196 | 6.179 | 12 | 5.822 |
| 1250 | ol[yo] | 388 | 12.231 | 18 | 5.769 |
| 1285 | ol[yoa] | 614 | 19.355 | 25 | 5.645 |
| 1295 | o[lr][yo] | 583 | 18.378 | 24 | 5.622 |
| 1387 | cean verbs | 213 | 6.714 | 12 | 5.286 |
| 1460 | cpe4[yo] | 94 | 2.963 | 8 | 5.037 |
| 35 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 42.296 | 116 | 73.704 |
| 115 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 2060 | 38.793 | 79 | 40.207 |
| 118 | c + c[s \| fptk]e4y | 1624 | 30.582 | 70 | 39.418 |
| 119 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 733 | 13.804 | 53 | 39.196 |
| 164 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 1227 | 23.106 | 53 | 29.894 |
| 177 | c[fptk]e4o-initial & c[fptk]e4y Superclass | 1659 | 31.242 | 60 | 28.758 |
| 217 | cte4[yo] | 406 | 7.646 | 32 | 24.354 |
| 220 | c[s \| fptk]e4y | 887 | 16.704 | 41 | 24.296 |
| 291 | ce4a | 1009 | 19.001 | 39 | 19.999 |
| 315 | ea | 1195 | 22.504 | 41 | 18.496 |
| 401 | ce4y | 737 | 13.879 | 29 | 15.121 |
| 423 | c[fptk]e4y | 310 | 5.838 | 20 | 14.162 |
| 434 | cteo-initial | 220 | 4.143 | 18 | 13.857 |
| 621 | cte4y | 186 | 3.503 | 14 | 10.497 |
| 647 | cse4y | 578 | 10.885 | 21 | 10.115 |
| 652 | o[lr][yo] | 583 | 10.979 | 21 | 10.021 |
| 655 | cean verbs | 213 | 4.011 | 14 | 9.989 |
| 666 | oi4[dlrsmg \| n] | 1124 | 21.167 | 31 | 9.833 |
| 705 | o[lr][yoa] | 1044 | 19.660 | 29 | 9.340 |
| 716 | cean variants | 255 | 4.802 | 14 | 9.198 |
| 753 | ce4ai4n | 271 | 5.103 | 14 | 8.897 |
| 766 | or[yoa] | 438 | 8.248 | 17 | 8.752 |
| 910 | dai4n | 1140 | 21.468 | 29 | 7.532 |
| 954 | or[yo] | 200 | 3.766 | 11 | 7.234 |
| 1031 | cke4[yo] | 172 | 3.239 | 10 | 6.761 |
| 1055 | o-axis of [yo][fptk][ao][lr] | 764 | 14.387 | 21 | 6.613 |
| 1192 | o[lr]y | 318 | 5.988 | 12 | 6.012 |
| 1325 | otol variants | 239 | 4.501 | 10 | 5.499 |
| 1403 | ote0-4y | 731 | 13.766 | 19 | 5.234 |
| 601 | ai4[dlrsmg \| n] | 1519 | 6.166 | 17 | 10.834 |
| 899 | ai4n | 589 | 2.391 | 10 | 7.609 |
| 1091 | oe0-4s | 632 | 2.565 | 9 | 6.435 |
| 1102 | c + c[s \| fptk]e4y | 1624 | 6.592 | 13 | 6.408 |
| 1137 | c[fptk]e4o-initial & c[fptk]e4y Superclass | 1659 | 6.734 | 13 | 6.266 |
| 1221 | odai0-4[lrm \| n] | 767 | 3.113 | 9 | 5.887 |
| 1274 | od[ao]i0-4[lrm \| n] | 813 | 3.300 | 9 | 5.700 |
| 1287 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 2060 | 8.362 | 14 | 5.638 |
| 1294 | yodai0-4[lrm \| n] | 832 | 3.377 | 9 | 5.623 |
| 1312 | oda | 847 | 3.438 | 9 | 5.562 |
| 1350 | [yo]d[ao]i0-4[lrm \| n] | 880 | 3.572 | 9 | 5.428 |
| 1359 | c[s \| fptk]e4y | 887 | 3.601 | 9 | 5.400 |
| 1222 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 3.116 | 9 | 5.884 |

| | | | | |
|---|---|---|---|---|
| 18 | 2850 | ce4y | 737 | 1.022 |
| 19 | 2882 | ote0-4y | 731 | 1.014 |
| | | **c + c[s \| fptk]e4y (1624)** | | |
| 1 | 256 | otam variants | 88 | 3.672 |
| 2 | 390 | ykai0-4n | 73 | 3.046 |
| 3 | 553 | [yo]c[fp] | 62 | 2.587 |
| 4 | 621 | [yo]fa | 59 | 2.462 |
| 5 | 657 | oi4n | 58 | 2.420 |
| 6 | 681 | [yo]cse4y | 57 | 2.378 |
| 7 | 706 | a[lr]an | 56 | 2.336 |
| 8 | 917 | okc + e4o | 49 | 2.044 |
| 9 | 960 | opar variants | 48 | 2.003 |
| 10 | 1025 | [yo]ke4os | 46 | 1.919 |
| 11 | 1219 | [yo][fptk]ce4d | 42 | 1.752 |
| 12 | 1282 | Prefixed Versions of c \| c[s \| fptk] + e4dy | 41 | 1.711 |
| 13 | 1475 | od[fptk \| dlrsmg] | 38 | 1.585 |
| 14 | 1476 | o[fptk]d | 38 | 1.585 |
| 15 | 1477 | [yo]cp | 38 | 1.585 |
| 16 | 1556 | x | 37 | 1.544 |
| 17 | 1722 | a[lr]o Endings | 35 | 1.460 |
| 18 | 1723 | [yo]fai0-4[rn] | 35 | 1.460 |
| 19 | 1808 | yc[s \| fptk]e4y | 34 | 1.419 |
| 20 | 1964 | ofce0-4dy | 32 | 1.335 |
| 21 | 2060 | [yo]e0-4do + e4\|i4 + [drn] & cedody | 31 | 1.293 |
| 22 | 2174 | ocse4y | 30 | 1.252 |
| 23 | 2175 | okc + e4ody | 30 | 1.252 |
| 24 | 2176 | cedam variants | 30 | 1.252 |
| 25 | 2272 | ycse4y | 29 | 1.210 |
| 26 | 2371 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ory | 28 | 1.168 |
| 27 | 2497 | [fptk \| dlrs] prefixes to dar | 27 | 1.127 |
| 28 | 2633 | a[fptk]y | 26 | 1.085 |
| 29 | 2768 | b | 25 | 1.043 |
| 30 | 2769 | opor variants | 25 | 1.043 |
| 31 | 2770 | ofar variants | 25 | 1.043 |
| 32 | 2931 | odl | 24 | 1.001 |
| 33 | | | | |
| 34 | | | | |
| 35 | | | | |
| 36 | | | | |
| 37 | | | | |
| 38 | | | | |
| 39 | | | | |
| 40 | | | | |
| 41 | | | | |
| 42 | | | | |
| 43 | | | | |
| 44 | | | | |
| 45 | | | | |
| 46 | | | | |
| | | **cecfey relatives (10)** | | |
| 1 | 1637 | ed[yoa] | 5851 | 1.503 |
| 2 | 2097 | edy | 4981 | 1.280 |
| | | **cecke y relatives (377)** | | |
| 1 | 94 | ai4n | 589 | 5.705 |
| 2 | 242 | [fp]c-Initial | 387 | 3.748 |
| 3 | 320 | tc-initial | 345 | 3.342 |
| 4 | 334 | [yo][fp][yoa] | 339 | 3.283 |
| 5 | 400 | c[fptk]e4y | 310 | 3.003 |
| 6 | 413 | pc-initial | 307 | 2.973 |
| 7 | 416 | ai4l | 306 | 2.964 |
| 8 | 425 | opc + e0-4 + y \| dy \| o[dlrs]y | 302 | 2.925 |
| 9 | 795 | c \| c[fptk] + e4o | 228 | 2.208 |
| 10 | 861 | ece polygraph | 219 | 2.121 |
| 11 | 907 | cean verbs | 213 | 2.063 |
| 12 | 970 | y + Non-[dlrs] Prefixes | 205 | 1.986 |
| 13 | 1005 | [yo][fp]a | 200 | 1.937 |
| 14 | 1045 | [fptk] + c \| c[s \| fptk] + e4dy | 196 | 1.898 |
| 15 | 1110 | [dlrsmg] + ai4r | 190 | 1.840 |
| 16 | 1116 | cedaiin variants | 189 | 1.831 |
| 17 | 1153 | cte4y | 186 | 1.802 |
| 18 | 1174 | o[fptk][ao]d | 185 | 1.792 |
| 19 | 1189 | o[fptk]eda[lrsm \| n] | 184 | 1.782 |
| 20 | 1241 | ko | 179 | 1.734 |
| 21 | 1302 | olo | 175 | 1.695 |
| 22 | 1499 | ocke4y | 162 | 1.569 |
| 23 | 1523 | [fptk]e0-4y | 161 | 1.559 |
| 24 | 1547 | ce4o | 160 | 1.550 |
| 25 | 1563 | opce0-4dy | 159 | 1.540 |
| 26 | 1754 | [yo]e0-4[fp]e0-4[yo] | 149 | 1.443 |
| 27 | 1755 | [dlrsmg]ai4m | 149 | 1.443 |
| 28 | 1865 | yodai0-4l | 143 | 1.385 |
| 29 | 1884 | ece Noun | 142 | 1.375 |
| 30 | 1902 | [yo]pa | 141 | 1.366 |
| 31 | 1981 | ke4o | 137 | 1.327 |
| 32 | 2019 | o[fptk]c + e0-4or | 135 | 1.308 |
| 33 | 2073 | odai0-4l | 133 | 1.288 |
| 34 | 2074 | oo + oe4o | 133 | 1.288 |
| 35 | 2101 | g | 132 | 1.278 |
| 36 | 2150 | dai4m | 130 | 1.259 |
| 37 | 2345 | okor variants | 122 | 1.182 |
| 38 | 2604 | otor variants | 113 | 1.094 |
| 39 | 2605 | [yo][fptk\| dlrsmg] + c \| cs + e4o | 113 | 1.094 |
| 40 | 2658 | opce0-4y | 111 | 1.075 |
| 41 | 2659 | [yo][fp]ai0-4[rn] | 111 | 1.075 |
| 42 | 2698 | [yo]c + e4dy | 110 | 1.065 |
| 43 | 2755 | ory | 108 | 1.046 |
| | | **cecpey relatives (21)** | | |
| 1 | 1737 | [yo][fptk][ao][lr] | 2688 | 1.450 |
| 2 | 2549 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 2060 | 1.111 |
| 3 | 2793 | y-initial | 1926 | 1.039 |
| | | **cectey relatives (197)** | | |
| 1 | 216 | ai4[lr] | 782 | 3.958 |
| 2 | 232 | o[fptk]c + e0-4y | 753 | 3.811 |
| 3 | 407 | ai4n | 589 | 2.981 |
| 4 | 424 | cse4y | 578 | 2.925 |
| 5 | 636 | ai4r | 483 | 2.445 |
| 6 | 691 | [yo]ce4y + infixed versions | 466 | 2.358 |
| 7 | 701 | oe | 463 | 2.343 |
| 8 | 732 | [dlrsmg]e0-4y | 453 | 2.293 |
| 9 | 756 | ek[yoa] | 446 | 2.257 |

| | | | | |
|---|---|---|---|---|
| 32 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 3168 | 132.176 | 207 | 74.824 |
| 104 | [dlrsmg \| fptk] + ai4n | 1724 | 71.929 | 116 | 44.071 |
| 105 | [fptk]ai4[dlrsmg \| n] | 411 | 17.148 | 61 | 43.852 |
| 112 | okai0-4n | 994 | 41.472 | 82 | 40.528 |
| 113 | o[fptk]ai4n | 1598 | 66.672 | 107 | 40.328 |
| 124 | [yo]kai0-4n | 1067 | 44.518 | 82 | 37.482 |
| 140 | [tk]c-Initial | 667 | 27.829 | 62 | 34.171 |
| 158 | oke0-4y | 1314 | 54.823 | 86 | 31.177 |
| 160 | [dlrsmg \| fptk] + ai4[dlrsmg] | 1444 | 60.247 | 91 | 30.753 |
| 194 | o[tk]e0-4y | 2042 | 85.197 | 112 | 26.803 |
| 244 | dai4n | 1140 | 47.563 | 70 | 22.437 |
| 268 | [fptk]ai4n | 191 | 7.969 | 29 | 21.031 |
| 276 | ko | 179 | 7.468 | 28 | 20.532 |
| 284 | [dlrsmg \| fptk]e0-4y | 735 | 30.666 | 51 | 20.334 |
| 287 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 809 | 33.753 | 54 | 20.247 |
| 290 | [q \| fptk \| dlrsmg] + oi0-4[lr] | 1819 | 75.893 | 96 | 20.107 |
| 310 | kc-initial | 322 | 13.435 | 32 | 18.565 |
| 327 | [fptk]ai4[lr] | 190 | 7.927 | 26 | 18.073 |
| 343 | [tk]e4o | 206 | 8.595 | 26 | 17.405 |
| 390 | tc-initial | 345 | 14.394 | 30 | 15.606 |
| 468 | lk-initial | 454 | 18.942 | 32 | 13.058 |
| 493 | l[fptk] Prefixes | 514 | 21.445 | 34 | 12.555 |
| 507 | [fptk]e0-4y | 161 | 6.717 | 19 | 12.283 |
| 539 | c[fptk]e4o-initial & c[fptk]e4y Superclass | 1659 | 69.217 | 81 | 11.783 |
| 562 | ke4o | 137 | 5.716 | 17 | 11.284 |
| 660 | lc-initial | 457 | 19.067 | 29 | 9.933 |
| 686 | o[fptk]c + e0-4y | 753 | 31.417 | 41 | 9.583 |
| 719 | [tk]e4dy | 309 | 12.892 | 22 | 9.108 |
| 725 | c[fptk]e4y | 310 | 12.934 | 22 | 9.066 |
| 731 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 2060 | 85.948 | 95 | 9.052 |
| 746 | ke4dy | 217 | 9.054 | 18 | 8.946 |
| 761 | cke4[yo] | 172 | 7.176 | 16 | 8.824 |
| 800 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 230 | 9.596 | 18 | 8.404 |
| 866 | te4o | 75 | 3.129 | 11 | 7.871 |
| 909 | qo variants | 59 | 2.462 | 10 | 7.538 |
| 949 | oi4n Superset | 257 | 10.723 | 18 | 7.277 |
| 1018 | [dlrsmg] + ai4[lr] + y-suffix | 1035 | 43.183 | 50 | 6.817 |
| 1136 | [yo][fptk]e4o[lr] | 449 | 18.733 | 25 | 6.267 |
| 1143 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 186 | 7.760 | 14 | 6.240 |
| 1144 | cte4y | 186 | 7.760 | 14 | 6.240 |
| 1175 | [dlrsmg] + ai4r | 190 | 7.927 | 14 | 6.073 |
| 1181 | cte4[yo] | 406 | 16.939 | 23 | 6.061 |
| 1248 | [yo]te4o[dlrsmg] | 341 | 14.227 | 20 | 5.773 |
| 1272 | ckeo-initial | 79 | 3.296 | 9 | 5.704 |
| 1311 | [yo][fptk]e4ol | 322 | 13.435 | 19 | 5.565 |
| 1380 | oi | 304 | 12.684 | 18 | 5.316 |
| | | | | | |
| | | | | | |
| 314 | o[fptk]ai4n | 1598 | 15.477 | 34 | 18.523 |
| 363 | okai0-4n | 994 | 9.627 | 26 | 16.373 |
| 388 | [yo]kai0-4n | 1067 | 10.334 | 26 | 15.666 |
| 544 | lc-initial | 457 | 4.426 | 16 | 11.574 |
| 571 | a-axis of [yo][fptk][ao][lr] | 1731 | 16.766 | 28 | 11.234 |
| 608 | okal variants | 544 | 5.269 | 16 | 10.731 |
| 634 | oke0-4y | 1314 | 12.727 | 23 | 10.273 |
| 735 | l[fptk] Prefixes | 514 | 4.978 | 14 | 9.022 |
| 828 | o[tk]e0-4y | 2042 | 19.778 | 28 | 8.222 |
| 993 | [yo][fptk][ao][lr] | 2688 | 26.035 | 33 | 6.965 |
| 1014 | [dlrsmg] + c \| c[s \| fptk] + e4dy | 327 | 3.167 | 10 | 6.833 |
| 1056 | lk-initial | 454 | 4.397 | 11 | 6.603 |
| 1125 | [dlrsmg \| fptk] + ai4n | 1724 | 16.698 | 23 | 6.302 |
| 1202 | oke4dy | 933 | 9.037 | 15 | 5.963 |
| 1256 | edy | 4981 | 48.244 | 54 | 5.756 |
| 1370 | cecke y relatives | 377 | 3.651 | 9 | 5.349 |
| 1469 | [tk]e4dy | 309 | 2.993 | 8 | 5.007 |
| | | | | | |
| | | | | | |
| | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 10 | 1027 | oce4y + infixed versions | 379 | 1.918 | 1201 | okai0-4n | 994 | 5.031 | 11 | 5.969 |
| 11 | 1079 | od[ao]i0-4[lr] | 369 | 1.868 | 1402 | a-axis of [yo][fptk][ao][lr] | 1731 | 8.761 | 14 | 5.239 |
| 12 | 1179 | [yo]c[s \| fptk]e4y | 353 | 1.787 | | | | | | |
| 13 | 1273 | [yo][fp][yoa] | 339 | 1.716 | | | | | | |
| 14 | 1281 | okce0-4y | 338 | 1.711 | | | | | | |
| 15 | 1357 | odai0-4[lr] | 326 | 1.650 | | | | | | |
| 16 | 1413 | oa | 321 | 1.625 | | | | | | |
| 17 | 1427 | oc[s \| fptk]e4y | 319 | 1.615 | | | | | | |
| 18 | 1444 | oe sans oy + oe4y, oe0-4s | 317 | 1.604 | | | | | | |
| 19 | 1461 | ol[ds] | 315 | 1.594 | | | | | | |
| 20 | 1549 | ai4l | 306 | 1.549 | | | | | | |
| 21 | 1566 | oi | 304 | 1.539 | | | | | | |
| 22 | 1575 | cear verbs | 303 | 1.534 | | | | | | |
| 23 | 1589 | opc + e0-4 + y \| dy \| o[dlrs]y | 302 | 1.528 | | | | | | |
| 24 | 1655 | [yo]c[fptk]e4y | 294 | 1.488 | | | | | | |
| 25 | 1715 | oc[fptk]e4y | 289 | 1.463 | | | | | | |
| 26 | 1757 | okol variants | 285 | 1.442 | | | | | | |
| 27 | 1795 | otce0-4y | 281 | 1.422 | | | | | | |
| 28 | 1796 | c \| cs + e0-4[dlrsmg] | 281 | 1.422 | | | | | | |
| 29 | 1894 | ce4ai4n | 271 | 1.372 | | | | | | |
| 30 | 2031 | oi4n Superset | 257 | 1.301 | | | | | | |
| 31 | 2064 | ek[yo] | 255 | 1.291 | | | | | | |
| 32 | 2065 | cean variants | 255 | 1.291 | | | | | | |
| 33 | 2417 | ola | 228 | 1.154 | | | | | | |
| 34 | 2418 | [yo]d[ao]i0-4r | 228 | 1.154 | | | | | | |
| 35 | 2419 | c \| c[fptk] + e4o | 228 | 1.154 | | | | | | |
| 36 | 2467 | old | 225 | 1.139 | | | | | | |
| 37 | 2508 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 222 | 1.124 | | | | | | |
| 38 | 2594 | eky | 217 | 1.098 | | | | | | |
| 39 | 2622 | od[ao]i0-4r | 215 | 1.088 | | | | | | |
| 40 | 2639 | ai0-4[dlrsmg][dlrsmg] | 214 | 1.083 | | | | | | |
| 41 | 2648 | cean verbs | 213 | 1.078 | | | | | | |
| 42 | 2750 | [yo]ke4od | 207 | 1.048 | | | | | | |
| 43 | 2774 | [tk]e4o | 206 | 1.043 | | | | | | |
| 44 | 2802 | yodai0-4r | 205 | 1.038 | | | | | | |
| 45 | 2803 | cse4o | 205 | 1.038 | | | | | | |
| 46 | 2891 | [yo][fp]a | 200 | 1.012 | | | | | | |
| | | **c[fptk]e4y (310)** | | | | | | | | |
| 1 | 17 | c \| c[s \| fptk] + e4dy | 1395 | 11.110 | 483 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 3168 | 25.231 | 38 | 12.769 |
| 2 | 42 | oke4dy | 933 | 7.431 | 532 | dai4n | 1140 | 9.079 | 21 | 11.921 |
| 3 | 43 | ai4[dlrsmg] | 930 | 7.407 | 605 | c[fptk]e4o-initial & c[fptk]e4y Superclass | 1659 | 13.213 | 24 | 10.787 |
| 4 | 70 | ai4[lr] | 782 | 6.228 | 635 | [dlrsmg \| fptk] + ai4n | 1724 | 13.730 | 24 | 10.270 |
| 5 | 79 | ce4dy | 755 | 6.013 | 738 | o[fptk]c + e0-4y | 753 | 5.997 | 15 | 9.003 |
| 6 | 129 | c[s \| fptk]e4dy | 622 | 4.954 | 1029 | otce0-4y | 281 | 2.238 | 9 | 6.762 |
| 7 | 145 | cse4dy | 585 | 4.659 | 1064 | ko | 179 | 1.426 | 8 | 6.574 |
| 8 | 169 | o[fptk]c + e0-4dy | 554 | 4.412 | 1174 | otc + e0-4 + y \| dy \| o[dlrs]y | 493 | 3.926 | 10 | 6.074 |
| 9 | 227 | ai4r | 483 | 3.847 | 1216 | o-axis of [yo][fptk][ao][lr] | 764 | 6.085 | 12 | 5.915 |
| 10 | 474 | otar variants | 345 | 2.748 | 1286 | [yo][fptk]e4o[dlrsmg] | 924 | 7.359 | 13 | 5.641 |
| 11 | 496 | [yo][fp][yoa] | 339 | 2.700 | 1314 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 809 | 6.443 | 12 | 5.557 |
| 12 | 565 | kc-initial | 322 | 2.564 | 1351 | [yo][fptk]e4o[lr] | 449 | 3.576 | 9 | 5.424 |
| 13 | 622 | [tk]e4dy | 309 | 2.461 | 1435 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 17.888 | 23 | 5.112 |
| 14 | 642 | ai4l | 306 | 2.437 | | | | | | |
| 15 | 771 | o[fptk \| dlrsmg][ao]m | 280 | 2.230 | | | | | | |
| 16 | 849 | ceal variants | 269 | 2.142 | | | | | | |
| 17 | 1114 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 230 | 1.832 | | | | | | |
| 18 | 1115 | ceal verbs | 230 | 1.832 | | | | | | |
| 19 | 1134 | [yo]d[ao]i0-4r | 228 | 1.816 | | | | | | |
| 20 | 1253 | ke4dy | 217 | 1.728 | | | | | | |
| 21 | 1277 | od[ao]i0-4r | 215 | 1.712 | | | | | | |
| 22 | 1391 | yodai0-4r | 205 | 1.633 | | | | | | |
| 23 | 1464 | [yo][fp]a | 200 | 1.593 | | | | | | |
| 24 | 1513 | [fptk] + c \| c[s \| fptk] + e4dy | 196 | 1.561 | | | | | | |
| 25 | 1567 | odai0-4r | 193 | 1.537 | | | | | | |
| 26 | 1600 | eka | 191 | 1.521 | | | | | | |
| 27 | 1614 | [fptk]ai4[lr] | 190 | 1.513 | | | | | | |
| 28 | 1642 | okce0-4dy | 188 | 1.497 | | | | | | |
| 29 | 1671 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 186 | 1.481 | | | | | | |
| 30 | 1672 | et[yoa] | 186 | 1.481 | | | | | | |
| 31 | 1711 | o[fptk]eda[lrsm \| n] | 184 | 1.465 | | | | | | |
| 32 | 1838 | cedar variants | 176 | 1.402 | | | | | | |
| 33 | 1895 | otce0-4dy | 172 | 1.370 | | | | | | |
| 34 | 2090 | [fptk]e0-4y | 161 | 1.282 | | | | | | |
| 35 | 2124 | opce0-4dy | 159 | 1.266 | | | | | | |
| 36 | 2156 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 158 | 1.258 | | | | | | |
| 37 | 2333 | [yo]e0-4[fp]e0-4[yo] | 149 | 1.187 | | | | | | |
| 38 | 2510 | [yo]pa | 141 | 1.123 | | | | | | |
| 39 | 2893 | cedal variants | 127 | 1.011 | | | | | | |
| 40 | 2917 | olai0-4n | 126 | 1.003 | | | | | | |
| | | **ce4y (737)** | | | | | | | | |
| 1 | 1 | c \| c[s \| fptk] + e4dy | 1395 | 26.413 | 46 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 3168 | 59.984 | 127 | 67.016 |
| 2 | 5 | ce4dy | 755 | 14.295 | 122 | [dlrsmg \| fptk] + ai4n | 1724 | 32.643 | 71 | 38.357 |
| 3 | 11 | c[s \| fptk]e4dy | 622 | 11.777 | 139 | [fptk]ai4[dlrsmg \| n] | 411 | 7.782 | 42 | 34.218 |
| 4 | 18 | cse4dy | 585 | 11.077 | 179 | [dlrsmg \| fptk] + ai4[dlrsmg] | 1444 | 27.341 | 56 | 28.659 |
| 5 | 66 | [yo][fp][yoa] | 339 | 6.419 | 247 | [tk]c-Initial | 667 | 12.629 | 35 | 22.371 |
| 6 | 225 | cse4o | 205 | 3.882 | 282 | [fptk]ai4n | 191 | 3.616 | 24 | 20.384 |
| 7 | 236 | [yo][fp]a | 200 | 3.787 | 370 | [dlrsmg \| fptk]e0-4y | 735 | 13.917 | 30 | 16.083 |
| 8 | 327 | cedar variants | 176 | 3.332 | 377 | kc-initial | 322 | 6.097 | 22 | 15.903 |
| 9 | 450 | [yo]e0-4[fp]e0-4[yo] | 149 | 2.821 | 392 | [q \| fptk \| dlrsmg] + oi0-4[lr] | 1819 | 34.442 | 50 | 15.558 |
| 10 | 518 | [yo]pa | 141 | 2.670 | 395 | lk-initial | 454 | 8.596 | 24 | 15.404 |
| 11 | 568 | o[fptk]c + e0-4or | 135 | 2.556 | 421 | l[fptk] Prefixes | 514 | 9.732 | 24 | 14.268 |
| 12 | 605 | g | 132 | 2.499 | 472 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 2060 | 39.005 | 52 | 12.995 |
| 13 | 850 | [yo][fptk\| dlrsmg] + c \| cs + e4o | 113 | 2.140 | 474 | [fptk]e0-4y | 161 | 3.048 | 16 | 12.952 |
| 14 | 877 | opce0-4y | 111 | 2.102 | 501 | [dlrsmg] + ai4[lr] + y-suffix | 1035 | 19.597 | 32 | 12.403 |
| 15 | 878 | [yo][fp]ai0-4[rn] | 111 | 2.102 | 513 | okai0-4n | 994 | 18.821 | 31 | 12.179 |
| 16 | 1013 | cse0-4s | 102 | 1.931 | 554 | dai4n | 1140 | 21.585 | 33 | 11.415 |
| 17 | 1034 | o[fptk]c + e0-4o | 101 | 1.912 | 555 | [fptk]ai4[lr] | 190 | 3.598 | 15 | 11.402 |
| 18 | 1072 | c[fptk]c polygraph | 99 | 1.875 | 559 | lc-initial | 457 | 8.653 | 20 | 11.347 |
| 19 | 1073 | [yo]te4ol | 99 | 1.875 | 578 | oke0-4y | 1314 | 24.880 | 36 | 11.120 |
| 20 | 1159 | [yo][fp]o | 95 | 1.799 | 580 | [tk]e4o | 206 | 3.900 | 15 | 11.100 |
| 21 | 1294 | edo | 90 | 1.704 | 603 | [yo]kai0-4n | 1067 | 20.203 | 31 | 10.797 |
| 22 | 1315 | c \| cs + e0-4d | 89 | 1.685 | 707 | o[tk]e0-4y | 2042 | 38.664 | 48 | 9.336 |
| 23 | 1345 | o + c \| cs + e4o[lr] | 88 | 1.666 | 717 | [tk]e4dy | 309 | 5.851 | 15 | 9.149 |
| 24 | 1346 | otam variants | 88 | 1.666 | 754 | ke4dy | 217 | 4.109 | 13 | 8.891 |
| 25 | 1431 | dcedy relatives | 85 | 1.609 | 778 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 230 | 4.355 | 13 | 8.645 |
| 26 | 1466 | [yo]e4 \| c + [fp] | 84 | 1.590 | 881 | o[fptk]ai4n | 1598 | 30.257 | 38 | 7.743 |
| 27 | 1645 | e[fp][yoa] | 79 | 1.496 | 926 | ke4o | 137 | 2.594 | 10 | 7.406 |
| 28 | 1646 | dl Consonant clusters | 79 | 1.496 | 928 | [dlrsmg] + ai4r | 190 | 3.598 | 11 | 7.402 |
| 29 | 1761 | ceam variants | 76 | 1.439 | 970 | c[fptk]e4y | 310 | 5.870 | 13 | 7.130 |
| 30 | 1804 | ofc + e4 + y \| dy \| o + [lr] Superset | 75 | 1.420 | 1044 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 809 | 15.318 | 22 | 6.682 |

| | | | | |
|---|---|---|---|---|
| 31 | 1805 | o[fptk]c + e4ody | 75 | 1.420 |
| 32 | 1867 | ykai0-4n | 73 | 1.382 |
| 33 | 1942 | oe0-4[fp]oe0-4[lr] | 71 | 1.344 |
| 34 | 1990 | [yo]po | 70 | 1.325 |
| 35 | 2077 | yc + e4o[lr] | 68 | 1.288 |
| 36 | 2223 | olt | 65 | 1.231 |
| 37 | 2224 | ofc + e0-4 + y \| dy \| o[dlrs]y | 65 | 1.231 |
| 38 | 2364 | [yo]c[fp] | 62 | 1.174 |
| 39 | 2410 | ceam verbs | 61 | 1.155 |
| 40 | 2476 | e[tk]o | 60 | 1.136 |
| 41 | 2528 | [yo]fa | 59 | 1.117 |
| 42 | 2529 | ytai0-4n | 59 | 1.117 |
| 43 | 2595 | oi4n | 58 | 1.098 |
| 44 | 2596 | otc + e4or | 58 | 1.098 |
| 45 | 2645 | o[fptk]ce4[lrsmg] | 57 | 1.079 |
| 46 | 2646 | [yo]cse4y | 57 | 1.079 |
| 47 | 2647 | odo | 57 | 1.079 |
| 48 | 2708 | a[lr]an | 56 | 1.060 |
| 49 | 2851 | okc + e4or | 54 | 1.022 |
| 50 | 2916 | Double c-Sequence Nouns | 53 | 1.004 |
| | | **[fptk] + c \| c[s \| fptk] + e4dy (196)** | | |
| 1 | 37 | ai4[dlrsmg \| n] | 1519 | 7.649 |
| 2 | 144 | ai4[dlrsmg] | 930 | 4.683 |
| 3 | 220 | ai4[lr] | 782 | 3.938 |
| 4 | 415 | ai4n | 589 | 2.966 |
| 5 | 440 | Single-Letter Words | 566 | 2.850 |
| 6 | 646 | ai4r | 483 | 2.432 |
| 7 | 735 | lk-initial | 454 | 2.286 |
| 8 | 918 | cte4[yo] | 406 | 2.044 |
| 9 | 976 | [yo]d[ao]i0-4[lr] | 393 | 1.979 |
| 10 | 1044 | ceckey relatives | 377 | 1.898 |
| 11 | 1093 | od[ao]i0-4[lr] | 369 | 1.858 |
| 12 | 1112 | cear variants | 365 | 1.838 |
| 13 | 1177 | [yo][fptk]e4od | 355 | 1.788 |
| 14 | 1220 | yodai0-4[lr] | 348 | 1.752 |
| 15 | 1237 | [yo]c + e4o Superclass | 345 | 1.737 |
| 16 | 1271 | [yo]te4o[dlrsmg] | 341 | 1.717 |
| 17 | 1375 | odai0-4[lr] | 326 | 1.642 |
| 18 | 1424 | oa | 321 | 1.616 |
| 19 | 1458 | oe sans oy + oe4y, oe0-4s | 317 | 1.596 |
| 20 | 1474 | ol[ds] | 315 | 1.586 |
| 21 | 1514 | c[fptk]e4y | 310 | 1.561 |
| 22 | 1562 | ai4l | 306 | 1.541 |
| 23 | 1593 | cear verbs | 303 | 1.526 |
| 24 | 1775 | [yo][fptk]e4od + y | 284 | 1.430 |
| 25 | 1814 | c \| cs + e0-4[dlrsmg] | 281 | 1.415 |
| 26 | 1866 | od endings + odcey relatives | 275 | 1.385 |
| 27 | 1905 | ce4ai4n | 271 | 1.365 |
| 28 | 2039 | sai4n | 258 | 1.299 |
| 29 | 2087 | cean variants | 255 | 1.284 |
| 30 | 2240 | od endings | 243 | 1.224 |
| 31 | 2404 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 230 | 1.158 |
| 32 | 2437 | [yo]d[ao]i0-4r | 228 | 1.148 |
| 33 | 2440 | ola | 228 | 1.148 |
| 34 | 2482 | old | 225 | 1.133 |
| 35 | 2567 | cteo-initial | 220 | 1.108 |
| 36 | 2640 | od[ao]i0-4r | 215 | 1.083 |
| 37 | 2670 | cean verbs | 213 | 1.073 |
| 38 | 2775 | [yo]ke4od | 207 | 1.042 |
| 39 | 2804 | [tk]e4o | 206 | 1.037 |
| 40 | 2815 | y + Non-[dlrs] Prefixes | 205 | 1.032 |
| 41 | 2816 | yodai0-4r | 205 | 1.032 |
| 42 | 2817 | cse4o | 205 | 1.032 |
| 43 | 2906 | or[yo] | 200 | 1.007 |
| | | **c \| c[s \| fptk] + e4dy (1395)** | | |
| 1 | 21 | cean variants | 255 | 9.139 |
| 2 | 36 | cteo-initial | 220 | 7.885 |
| 3 | 38 | cean verbs | 213 | 7.634 |
| 4 | 45 | cse4o | 205 | 7.347 |
| 5 | 50 | om | 203 | 7.275 |
| 6 | 73 | cke4[yo] | 172 | 6.164 |
| 7 | 205 | [yo][fptk \| dlrsmg] + c \| cs + e4o | 113 | 4.050 |
| 8 | 261 | cse0-4s | 102 | 3.656 |
| 9 | 269 | o[fptk]c + e0-4o | 101 | 3.620 |
| 10 | 310 | [yo][fp]o | 95 | 3.405 |
| 11 | 325 | ols | 93 | 3.333 |
| 12 | 326 | cke4y | 93 | 3.333 |
| 13 | 349 | oce4y + s infixes | 90 | 3.226 |
| 14 | 364 | [yo][fptk]e4o | 88 | 3.154 |
| 15 | 396 | c[fp]e4y + added c-sequences & cfeo-Initial | 84 | 3.010 |
| 16 | 446 | ckeo-initial | 79 | 2.831 |
| 17 | 447 | dl Consonant clusters | 79 | 2.831 |
| 18 | 578 | oe0-4[fp]oe0-4[lr] | 71 | 2.545 |
| 19 | 603 | [yo]po | 70 | 2.509 |
| 20 | 618 | c[fp]e4y + added c-sequences | 69 | 2.473 |
| 21 | 643 | o[fptk][dlrsmg] | 68 | 2.437 |
| 22 | 686 | otc + e4ol | 66 | 2.365 |
| 23 | 687 | osa | 66 | 2.365 |
| 24 | 730 | c \| cs + e0-4l | 64 | 2.294 |
| 25 | 811 | faceys relatives | 61 | 2.186 |
| 26 | 842 | oce4y | 60 | 2.150 |
| 27 | 872 | ytai0-4n | 59 | 2.115 |
| 28 | 898 | otc + e4or | 58 | 2.079 |
| 29 | 899 | oi4n | 58 | 2.079 |
| 30 | 919 | [yo]cse4y | 57 | 2.043 |
| 31 | 949 | a[lr]an | 56 | 2.007 |
| 32 | 1006 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 54 | 1.935 |
| 33 | 1007 | okc + e4or | 54 | 1.935 |
| 34 | 1122 | o[fptk]o | 51 | 1.828 |
| 35 | 1214 | okc + e4o | 49 | 1.756 |
| 36 | 1266 | [yo]c + e4ody | 48 | 1.720 |
| 37 | 1267 | o + c \| cs + e4ol | 48 | 1.720 |
| 38 | 1489 | otc + e4o | 44 | 1.577 |
| 39 | 1490 | [yo][fp]y | 44 | 1.577 |
| 40 | 1560 | cean nouns | 43 | 1.541 |
| 41 | 1767 | ydai0-4n | 40 | 1.434 |
| 42 | 1768 | yd[ao]i0-4n | 40 | 1.434 |
| 43 | 1912 | yc + e4o | 38 | 1.362 |
| 44 | 1913 | o[fptk]d | 38 | 1.362 |
| 45 | 1914 | od[fptk \| dlrsmg] | 38 | 1.362 |
| 46 | 1915 | ceal nouns | 38 | 1.362 |

| | | | | |
|---|---|---|---|---|
| 1080 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 186 | 3.522 | 10 | 6.478 |
| 1081 | tc-initial | 345 | 6.532 | 13 | 6.468 |
| 1093 | [dlrsmg]ai4[lr] | 875 | 16.568 | 23 | 6.432 |
| 1299 | ko | 179 | 3.389 | 9 | 5.611 |
| | | | | | |
| 141 | edy | 4981 | 25.082 | 59 | 33.918 |
| 143 | ed[yoa] | 5851 | 29.462 | 63 | 33.538 |
| 188 | c + e4dy | 3053 | 15.373 | 43 | 27.627 |
| 458 | o[fptk]c + e0-4dy | 554 | 2.790 | 16 | 13.210 |
| 480 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 1421 | 7.155 | 20 | 12.845 |
| 793 | [yo][fptk][ao][lr] | 2688 | 13.535 | 22 | 8.465 |
| 948 | a-axis of [yo][fptk][ao][lr] | 1731 | 8.716 | 16 | 7.284 |
| 1425 | otce0-4dy | 172 | 0.866 | 6 | 5.134 |
| | | | | | |
| 8 | ed[yoa] | 5851 | 209.694 | 383 | 173.306 |
| 10 | edy | 4981 | 178.514 | 336 | 157.486 |
| 18 | o[fptk]e4dy | 1444 | 51.752 | 147 | 95.248 |
| 39 | o[fptk]ai4n | 1598 | 57.271 | 130 | 72.729 |
| 41 | oke4dy | 933 | 33.438 | 104 | 70.562 |
| 62 | okai0-4n | 994 | 35.624 | 92 | 56.376 |
| 65 | [yo]kai0-4n | 1067 | 38.240 | 94 | 55.760 |
| 66 | c + e4dy | 3053 | 109.417 | 165 | 55.583 |
| 83 | o[tk]e0-4y | 2042 | 73.183 | 123 | 49.817 |
| 95 | oke0-4y | 1314 | 47.093 | 94 | 46.907 |
| 146 | a-axis of [yo][fptk][ao][lr] | 1731 | 62.037 | 95 | 32.963 |
| 178 | [yo][fptk][ao][lr] | 2688 | 96.335 | 125 | 28.665 |
| 211 | ote4dy | 509 | 18.242 | 43 | 24.758 |
| 265 | o[fptk]c + e0-4dy | 554 | 19.855 | 41 | 21.145 |
| 273 | otai0-4n | 430 | 15.411 | 36 | 20.589 |
| 318 | [yo]tai0-4n | 490 | 17.561 | 36 | 18.439 |
| 320 | okar variants | 493 | 17.669 | 36 | 18.331 |
| 337 | lc-initial | 457 | 16.378 | 34 | 17.622 |
| 415 | okal variants | 544 | 19.496 | 34 | 14.504 |
| 430 | eda | 784 | 28.098 | 42 | 13.902 |
| 564 | [dlrsmg] + c \| c[s \| fptk] + e4dy | 327 | 11.719 | 23 | 11.281 |
| 567 | okce0-4dy | 188 | 6.738 | 18 | 11.262 |
| 586 | [fptk] + c \| c[s \| fptk] + e4dy | 196 | 7.024 | 18 | 10.976 |
| 629 | o[fptk]eda[lrsm \| n] | 184 | 6.594 | 17 | 10.406 |
| 983 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 1421 | 50.927 | 58 | 7.073 |
| 1016 | okc + e0-4 + y \| dy \| o[dlrs]y | 563 | 20.177 | 27 | 6.823 |
| 1036 | te4dy | 91 | 3.261 | 10 | 6.739 |
| 1179 | otal variants | 333 | 11.934 | 18 | 6.066 |
| 1208 | ce4dy | 755 | 27.059 | 33 | 5.942 |
| 1254 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 230 | 8.243 | 14 | 5.757 |
| 1353 | o[fptk]edar | 72 | 2.580 | 8 | 5.420 |
| 1470 | c \| c[s \| fptk] + e4dy | 1395 | 49.996 | 55 | 5.005 |

| | | | | |
|---|---|---|---|---|
| 47 | 1988 | [yo]d[ao]i0-4m | 37 | 1.326 |
| 48 | 2066 | yodai0-4m | 36 | 1.290 |
| 49 | 2169 | a[lr]o Endings | 35 | 1.254 |
| 50 | 2247 | odcey relatives | 34 | 1.219 |
| 51 | 2248 | ope0-4y | 34 | 1.219 |
| 52 | 2249 | yc + e4ol | 34 | 1.219 |
| 53 | 2251 | osai0-4n | 34 | 1.219 |
| 54 | 2252 | ol + c \| cs + e4o[lr] | 34 | 1.219 |
| 55 | 2253 | od[ao]i0-4m | 34 | 1.219 |
| 56 | 2254 | yc[s \| fptk]e4y | 34 | 1.219 |
| 57 | 2342 | [yo]py | 33 | 1.183 |
| 58 | 2340 | odai0-4m | 33 | 1.183 |
| 59 | 2553 | c + e4 + [fptk] Nouns | 31 | 1.111 |
| 60 | 2554 | [yo]e0-4do + e4\|i4 + [drn] & cedody | 31 | 1.111 |
| 61 | 2555 | opc + e4ol | 31 | 1.111 |
| 62 | 2656 | okc + e4ody | 30 | 1.075 |
| 63 | 2657 | ocse4y | 30 | 1.075 |
| 64 | 2790 | otc + e4ody | 29 | 1.039 |
| 65 | 2791 | opai0-4n | 29 | 1.039 |
| 66 | 2792 | ycse4y | 29 | 1.039 |
| 67 | 2918 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ory | 28 | 1.003 |
| 68 | 2919 | o[tk][lr] | 28 | 1.003 |
| | | **c[fptk]e4dy (37)** | | |
| 1 | 853 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 2.135 |
| 2 | 992 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 2060 | 1.958 |
| 3 | 1366 | a-axis of [yo][fptk][ao][lr] | 1731 | 1.645 |
| 4 | 1487 | c[fptk]e4o-initial & c[fptk]e4y Superclass | 1659 | 1.577 |
| 5 | 1555 | c + c[s \| fptk]e4y | 1624 | 1.544 |
| 6 | 1750 | ai4[dlrsmg \| n] | 1519 | 1.444 |
| 7 | 1987 | c \| c[s \| fptk] + e4dy | 1395 | 1.326 |
| 8 | 2379 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 1227 | 1.166 |
| 9 | 2477 | ea | 1195 | 1.136 |
| | | **c + e4dy (3053)** | | |
| 1 | 2 | cean variants | 255 | 20.001 |
| 2 | 3 | cteo-initial | 220 | 17.256 |
| 3 | 4 | cean verbs | 213 | 16.707 |
| 4 | 8 | cke4[yo] | 172 | 13.491 |
| 5 | 47 | cke4y | 93 | 7.294 |
| 6 | 64 | c[fp]e4y + added c-sequences & cfeo-Initial | 84 | 6.589 |
| 7 | 71 | ckeo-initial | 79 | 6.196 |
| 8 | 105 | c[fp]e4y + added c-sequences | 69 | 5.412 |
| 9 | 125 | c \| cs + e0-4l | 64 | 5.020 |
| 10 | 136 | faceys relatives | 61 | 4.785 |
| 11 | 156 | oi4n | 58 | 4.549 |
| 12 | 157 | otc + e4or | 58 | 4.549 |
| 13 | 186 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 54 | 4.235 |
| 14 | 187 | okc + e4or | 54 | 4.235 |
| 15 | 228 | okc + e4o | 49 | 3.843 |
| 16 | 313 | cean nouns | 43 | 3.373 |
| 17 | 408 | ceal nouns | 38 | 2.981 |
| 18 | 409 | yc + e4o | 38 | 2.981 |
| 19 | 433 | [yo]d[ao]i0-4m | 37 | 2.902 |
| 20 | 449 | yodai0-4m | 36 | 2.824 |
| 21 | 521 | ol + c \| cs + e4o[lr] | 34 | 2.667 |
| 22 | 522 | yc[s \| fptk]e4y | 34 | 2.667 |
| 23 | 523 | od[ao]i0-4m | 34 | 2.667 |
| 24 | 524 | odcey relatives | 34 | 2.667 |
| 25 | 525 | yc + e4ol | 34 | 2.667 |
| 26 | 552 | odai0-4m | 33 | 2.588 |
| 27 | 647 | c + e4 + [fptk] Nouns | 31 | 2.431 |
| 28 | 694 | okc + e4ody | 30 | 2.353 |
| 29 | 743 | opai0-4n | 29 | 2.275 |
| 30 | 744 | ycse4y | 29 | 2.275 |
| 31 | 804 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ory | 28 | 2.196 |
| 32 | 866 | cpe4y | 27 | 2.118 |
| 33 | 922 | cfe4[yo] | 26 | 2.039 |
| 34 | 923 | a[fptk]y | 26 | 2.039 |
| 35 | 924 | opai0-4n | 26 | 2.039 |
| 36 | 990 | b | 25 | 1.961 |
| 37 | 1059 | odl | 24 | 1.882 |
| 38 | 1150 | a[fptk]a | 23 | 1.804 |
| 39 | 1259 | eto | 22 | 1.726 |
| 40 | 1361 | o[fptk]c + e4od | 21 | 1.647 |
| 41 | 1362 | cecpey relatives | 21 | 1.647 |
| 42 | 1500 | ocees relatives | 20 | 1.569 |
| 43 | 1654 | o[fptk \| dlrsmg]e4g | 19 | 1.490 |
| 44 | 1821 | c + e4 + [fptk]c Nouns | 18 | 1.412 |
| 45 | 2164 | otos variants | 16 | 1.255 |
| 46 | 2858 | or[fptk \| dlrsmg] | 13 | 1.020 |
| 47 | 2859 | e4n | 13 | 1.020 |
| 48 | 2860 | okom variants | 13 | 1.020 |
| 49 | 2861 | okos variants | 13 | 1.020 |
| 50 | 2862 | [yo][fptk]e4om | 13 | 1.020 |
| 51 | | | | |
| 52 | | | | |
| 53 | | | | |
| 54 | | | | |
| 55 | | | | |
| 56 | | | | |
| | | **oy + oe4y (207)** | | |
| 1 | 77 | dai4n | 1140 | 6.063 |
| 2 | 550 | [yo]tai0-4n | 490 | 2.606 |
| 3 | 736 | otai0-4n | 430 | 2.287 |
| 4 | 1005 | cear variants | 365 | 1.941 |
| 5 | 1154 | [yo][fp][yoa] | 339 | 1.803 |
| 6 | 1334 | ol[ds] | 315 | 1.675 |
| 7 | 1407 | ai4l | 306 | 1.627 |
| 8 | 1432 | cear verbs | 303 | 1.611 |
| 9 | 1728 | o[lr]o | 274 | 1.457 |
| 10 | 1761 | ce4ai4n | 271 | 1.441 |
| 11 | 1926 | cean variants | 255 | 1.356 |
| 12 | 2307 | old | 225 | 1.197 |
| 13 | 2345 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 222 | 1.181 |
| 14 | 2417 | eky | 217 | 1.154 |
| 15 | 2418 | ke4dy | 217 | 1.154 |
| 16 | 2472 | ai0-4[dlrsmg][dlrsmg] | 214 | 1.138 |
| 17 | 2487 | cean verbs | 213 | 1.133 |
| 18 | 2706 | or[yo] | 200 | 1.064 |
| 19 | 2707 | [yo][fp]a | 200 | 1.064 |
| 20 | 2754 | cectey relatives | 197 | 1.048 |
| 21 | 2880 | [fptk]ai4n | 191 | 1.016 |

| | | | | | |
|---|---|---|---|---|---|
| 1 | ed[yoa] | 5851 | 458.923 | 917 | 458.077 |
| 2 | edy | 4981 | 390.684 | 806 | 415.316 |
| 5 | c + e4dy | 3053 | 239.462 | 432 | 192.538 |
| 6 | o[fptk]e4dy | 1444 | 113.260 | 305 | 191.740 |
| 11 | oke4dy | 933 | 73.180 | 216 | 142.820 |
| 19 | o[fptk]ai4n | 1598 | 125.339 | 219 | 93.661 |
| 23 | o[fptk]c + e0-4dy | 554 | 43.453 | 131 | 87.547 |
| 24 | [yo][fptk][ao][lr] | 2688 | 210.833 | 298 | 87.167 |
| 28 | okai0-4n | 994 | 77.964 | 155 | 77.036 |
| 31 | a-axis of [yo][fptk][ao][lr] | 1731 | 135.771 | 211 | 75.229 |
| 36 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 1421 | 111.456 | 185 | 73.544 |
| 37 | [yo]kai0-4n | 1067 | 83.690 | 157 | 73.310 |
| 64 | o[tk]e0-4y | 2042 | 160.164 | 216 | 55.836 |
| 78 | oke0-4y | 1314 | 103.063 | 155 | 51.937 |
| 90 | ote4dy | 509 | 39.923 | 88 | 48.077 |
| 117 | eda | 784 | 61.493 | 101 | 39.507 |
| 127 | lc-initial | 457 | 35.845 | 72 | 36.155 |
| 132 | okce0-4dy | 188 | 14.746 | 50 | 35.254 |
| 167 | [dlrsmg] + c \| c[s \| fptk] + e4dy | 327 | 25.648 | 55 | 29.352 |
| 168 | okal variants | 544 | 42.669 | 72 | 29.331 |
| 175 | okc + e0-4 + y \| dy \| o[dlrs]y | 563 | 44.159 | 73 | 28.841 |
| 198 | [fptk] + c \| c[s \| fptk] + e4dy | 196 | 15.373 | 42 | 26.627 |
| 199 | okar variants | 493 | 38.668 | 65 | 26.332 |
| 221 | otai0-4n | 430 | 33.727 | 58 | 24.273 |
| 232 | opc + e0-4 + y \| dy \| o[dlrs]y | 302 | 23.687 | 47 | 23.313 |
| 243 | [yo]tai0-4n | 490 | 38.433 | 61 | 22.567 |
| 277 | opce0-4dy | 159 | 12.471 | 33 | 20.529 |
| 279 | otce0-4dy | 172 | 13.491 | 34 | 20.509 |
| 335 | cedai4[lrsm \| n] | 527 | 41.335 | 59 | 17.665 |
| 353 | te4dy | 91 | 7.138 | 24 | 16.862 |
| 382 | [tk]e4dy | 309 | 24.236 | 40 | 15.764 |
| 490 | o[fptk]eda[lrsm \| n] | 184 | 14.432 | 27 | 12.568 |
| 535 | otal variants | 333 | 26.119 | 38 | 11.881 |
| 552 | ofce0-4dy | 32 | 2.510 | 14 | 11.490 |
| 579 | ofc + e4 + y \| dy \| o + [lr] Superset | 75 | 5.883 | 17 | 11.117 |
| 584 | cedal variants | 127 | 9.961 | 21 | 11.039 |
| 595 | ofc + e0-4 + y \| dy \| o[dlrs]y | 65 | 5.098 | 16 | 10.902 |
| 630 | otc + e0-4 + y \| dy \| o[dlrs]y | 493 | 38.668 | 49 | 10.332 |
| 633 | olcey relative | 277 | 21.726 | 32 | 10.274 |
| 674 | [yo][fptk]ce4d | 42 | 3.294 | 13 | 9.706 |
| 688 | l[drs] Prefixes | 95 | 7.451 | 17 | 9.549 |
| 748 | pc-initial | 307 | 24.080 | 33 | 8.920 |
| 777 | [fp]c-Initial | 387 | 30.354 | 39 | 8.646 |
| 811 | olk | 557 | 43.688 | 52 | 8.312 |
| 815 | ol[tk] | 621 | 48.708 | 57 | 8.292 |
| 869 | ece polygraph | 219 | 17.177 | 25 | 7.823 |
| 875 | Prefixed Versions of c \| c[s \| fptk] + e4dy | 41 | 3.216 | 11 | 7.784 |
| 945 | [yo][fptk]e4d | 60 | 4.706 | 12 | 7.294 |
| 982 | o-axis of [yo][fptk][ao][lr] | 764 | 59.924 | 67 | 7.076 |
| 984 | okam variants | 76 | 5.961 | 13 | 7.039 |
| 999 | otar variants | 345 | 27.060 | 34 | 6.940 |
| 1110 | qo variants | 59 | 4.628 | 11 | 6.372 |
| 1225 | ece Noun | 142 | 11.138 | 17 | 5.862 |
| 1243 | ce4dy | 755 | 59.218 | 65 | 5.782 |
| 1418 | cedaiin variants | 189 | 14.824 | 20 | 5.176 |
| 1459 | rc-initial | 76 | 5.961 | 11 | 5.039 |
| | **oy + oe4y (207)** | | | | |
| 662 | [tk]e4o | 206 | 1.096 | 11 | 9.904 |
| 820 | ke4o | 137 | 0.729 | 9 | 8.271 |
| 951 | c[s \| fptk]e4y | 887 | 4.717 | 12 | 7.283 |
| 1084 | [yo]dy endings | 1228 | 6.531 | 13 | 6.469 |
| 1189 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 2060 | 10.955 | 17 | 6.045 |
| 1370 | c + c[s \| fptk]e4y | 1624 | 8.637 | 14 | 5.363 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 22 | 2881 | eka | 191 | 1.016 | | | | | | |
| 23 | 2905 | [fptk]ai4[lr] | 190 | 1.010 | | | | | | |
| 24 | 2919 | cedaiin variants | 189 | 1.005 | | | | | | |
| | | **oe0-4s (632)** | | | | | | | | |
| 1 | 61 | [fptk]ai4[dlrsmg \| n] | 411 | 6.673 | 27 | ai4[dlrsmg \| n] | 1519 | 24.664 | 102 | 77.336 |
| 2 | 106 | otal variants | 333 | 5.407 | 85 | ai4n | 589 | 9.563 | 59 | 49.437 |
| 3 | 110 | [dlrsmg] + c \| c[s \| fptk] + e4dy | 327 | 5.309 | 187 | ai4[dlrsmg] | 930 | 15.100 | 43 | 27.900 |
| 4 | 126 | [tk]e4dy | 309 | 5.017 | 218 | ai4[lr] | 782 | 12.697 | 37 | 24.303 |
| 5 | 153 | otce0-4y | 281 | 4.563 | 368 | ai4r | 483 | 7.842 | 24 | 16.158 |
| 6 | 226 | otol variants | 239 | 3.881 | 439 | oe0-4s | 632 | 10.262 | 24 | 13.738 |
| 7 | 289 | ke4dy | 217 | 3.523 | 726 | c[fptk]e4o-initial & c[fptk]e4y Superclass | 1659 | 26.937 | 36 | 9.063 |
| 8 | 358 | [fptk] + c \| c[s \| fptk] + e4dy | 196 | 3.182 | 742 | y[fptk]-initial | 1295 | 21.027 | 30 | 8.973 |
| 9 | 377 | [fptk]ai4n | 191 | 3.101 | 812 | oc[fptk]e4y | 289 | 4.692 | 13 | 8.308 |
| 10 | 381 | [fptk]ai4[lr] | 190 | 3.085 | 819 | [yo]c[s \| fptk]e4y | 353 | 5.732 | 14 | 8.268 |
| 11 | 430 | ko | 179 | 2.906 | 826 | [yo]c[fptk]e4y | 294 | 4.774 | 13 | 8.226 |
| 12 | 544 | [fptk]e0-4y | 161 | 2.614 | 850 | ai4l | 306 | 4.968 | 13 | 8.032 |
| 13 | 557 | opce0-4dy | 159 | 2.582 | 870 | oc[s \| fptk]e4y | 319 | 5.180 | 13 | 7.820 |
| 14 | 661 | [dlrsmg]ai4m | 149 | 2.419 | 914 | oe | 463 | 7.518 | 15 | 7.482 |
| 15 | 908 | cedal variants | 127 | 2.062 | 921 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 158 | 2.565 | 10 | 7.435 |
| 16 | 1080 | rai4n | 115 | 1.867 | 942 | [ao][lr][ao][lr] Pipe/Flow | 843 | 13.688 | 21 | 7.312 |
| 17 | 1113 | [yo]ce4y | 113 | 1.835 | 1013 | oce4y + infixed versions | 379 | 6.154 | 13 | 6.846 |
| 18 | 1182 | [yo]c + e4dy | 110 | 1.786 | 1049 | a[lr][ao][lr] | 391 | 6.349 | 13 | 6.651 |
| 19 | 1559 | l[drs] Prefixes | 95 | 1.542 | 1057 | c[s \| fptk]e4y | 887 | 14.402 | 21 | 6.598 |
| 20 | 1648 | a[dlrsmg]am | 92 | 1.494 | 1092 | [yo]ce4y + infixed versions | 466 | 7.566 | 14 | 6.434 |
| 21 | 1680 | te4dy | 91 | 1.478 | 1154 | cke4[yo] | 172 | 2.793 | 9 | 6.207 |
| 22 | 1720 | oce4y + s infixes | 90 | 1.461 | 1245 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 445 | 7.225 | 13 | 5.775 |
| 23 | 1778 | otod variants | 88 | 1.429 | 1259 | oi4[dlrsmg \| n] | 1124 | 18.250 | 24 | 5.750 |
| 24 | 1872 | dcedy relatives | 85 | 1.380 | 1266 | y-initial | 1926 | 31.272 | 37 | 5.728 |
| 25 | 1934 | a[lr][fptk] | 83 | 1.348 | 1290 | c + c[s \| fptk]e4y | 1624 | 26.369 | 32 | 5.631 |
| 26 | 1935 | [fptk \| dlrs] prefixes to dai4[lrsm \| n] | 83 | 1.348 | 1298 | cse4y | 578 | 9.385 | 15 | 5.615 |
| 27 | 2040 | l-prefix + [fptk]e0-4y | 80 | 1.299 | 1309 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 519 | 8.427 | 14 | 5.573 |
| 28 | 2089 | dl Consonant clusters | 79 | 1.283 | 1318 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 36.468 | 42 | 5.532 |
| 29 | 2256 | ofc + e4 + y \| dy \| o + [lr] Superset | 75 | 1.218 | 1447 | oi | 304 | 4.936 | 10 | 5.064 |
| 30 | 2421 | oe0-4[fp]oe0-4[lr] | 71 | 1.153 | 1450 | [yo]dy endings | 1228 | 19.939 | 25 | 5.061 |
| 31 | 2422 | eta | 71 | 1.153 | | | | | | |
| 32 | 2475 | [yo]po | 70 | 1.137 | | | | | | |
| 33 | 2514 | ece Adjective | 69 | 1.120 | | | | | | |
| 34 | 2515 | c[fp]e4y + added c-sequences | 69 | 1.120 | | | | | | |
| 35 | 2581 | o[fptk][dlrsmg] | 68 | 1.104 | | | | | | |
| 36 | 2582 | e-initial | 68 | 1.104 | | | | | | |
| 37 | 2623 | yd[ao]i0-4[lrm \| n] | 67 | 1.088 | | | | | | |
| 38 | 2681 | otc + e4ol | 66 | 1.072 | | | | | | |
| 39 | 2682 | o[fptk][ao]s | 66 | 1.072 | | | | | | |
| 40 | 2723 | ofc + e0-4 + y \| dy \| o[dlrs]y | 65 | 1.055 | | | | | | |
| 41 | 2724 | ydai0-4[lrm \| n] | 65 | 1.055 | | | | | | |
| 42 | 2909 | cear nouns | 62 | 1.007 | | | | | | |
| | | **ol[ds] (315)** | | | | | | | | |
| 1 | 255 | lk-initial | 454 | 3.674 | 860 | o[fptk]c + e0-4or | 135 | 1.093 | 9 | 7.907 |
| 2 | 332 | cte4[yo] | 406 | 3.286 | 923 | o[lr]y | 318 | 2.573 | 10 | 7.427 |
| 3 | 370 | [fp]c-Initial | 387 | 3.132 | 997 | so | 378 | 3.059 | 10 | 6.941 |
| 4 | 437 | [yo][fptk]e4od | 355 | 2.873 | 1019 | o-axis of [yo][fptk][ao][lr] | 764 | 6.183 | 13 | 6.817 |
| 5 | 616 | pc-initial | 307 | 2.484 | 1073 | otc + e4or | 58 | 0.469 | 7 | 6.531 |
| 6 | 639 | opc + e0-4 + y \| dy \| o[dlrs]y | 302 | 2.444 | 1100 | y-initial | 1926 | 15.587 | 22 | 6.413 |
| 7 | 726 | [yo][fptk]e4od + y | 284 | 2.298 | 1119 | dc-initial | 454 | 3.674 | 10 | 6.326 |
| 8 | 746 | c \| cs + e0-4[dlrsmg] | 281 | 2.274 | 1141 | [yo][fptk][ao][lr] | 2688 | 21.753 | 28 | 6.247 |
| 9 | 786 | o[lr]o | 274 | 2.217 | 1153 | [yo]c + e4o Superclass | 345 | 2.792 | 9 | 6.208 |
| 10 | 906 | ek[yo] | 255 | 2.064 | 1315 | o[lr][yoa] | 1044 | 8.449 | 14 | 5.551 |
| 11 | 1196 | cteo-initial | 220 | 1.780 | 1365 | [yo][fptk]e4o[lr] | 449 | 3.634 | 9 | 5.366 |
| 12 | 1215 | eky | 217 | 1.756 | 1389 | o[lr][yo] | 583 | 4.718 | 10 | 5.282 |
| 13 | 1216 | ke4dy | 217 | 1.756 | 1410 | oly | 222 | 1.797 | 7 | 5.203 |
| 14 | 1248 | ai0-4[dlrsmg][dlrsmg] | 214 | 1.732 | 1465 | ol[yoa] | 614 | 4.969 | 10 | 5.031 |
| 15 | 1334 | [yo]ke4od | 207 | 1.675 | | | | | | |
| 16 | 1343 | [tk]e4o | 206 | 1.667 | | | | | | |
| 17 | 1372 | om | 203 | 1.643 | | | | | | |
| 18 | 1460 | cectey relatives | 197 | 1.594 | | | | | | |
| 19 | 1552 | [fptk]ai4n | 191 | 1.546 | | | | | | |
| 20 | 1585 | cedaiin variants | 189 | 1.530 | | | | | | |
| 21 | 1634 | cte4y | 186 | 1.505 | | | | | | |
| 22 | 1635 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 186 | 1.505 | | | | | | |
| 23 | 1746 | ko | 179 | 1.449 | | | | | | |
| 24 | 1812 | olo | 175 | 1.416 | | | | | | |
| 25 | 1857 | otce0-4dy | 172 | 1.392 | | | | | | |
| 26 | 2026 | [fptk]e0-4y | 161 | 1.303 | | | | | | |
| 27 | 2054 | ce4o | 160 | 1.295 | | | | | | |
| 28 | 2080 | opce0-4dy | 159 | 1.287 | | | | | | |
| 29 | 2280 | [yo]te4od | 149 | 1.206 | | | | | | |
| 30 | 2281 | [dlrsmg]ai4m | 149 | 1.206 | | | | | | |
| 31 | 2433 | ece Noun | 142 | 1.149 | | | | | | |
| 32 | 2694 | g | 132 | 1.068 | | | | | | |
| 33 | 2831 | cedal variants | 127 | 1.028 | | | | | | |
| | | **ol[dtk] (842)** | | | | | | | | |
| 1 | 27 | [fp]c-Initial | 387 | 8.372 | 174 | [yo][fptk][ao][lr] | 2688 | 58.147 | 87 | 28.853 |
| 2 | 63 | pc-initial | 307 | 6.641 | 275 | a-axis of [yo][fptk][ao][lr] | 1731 | 37.445 | 58 | 20.555 |
| 3 | 175 | om | 203 | 4.391 | 306 | ol[dtk] | 842 | 18.214 | 37 | 18.786 |
| 4 | 305 | ce4o | 160 | 3.461 | 331 | olk | 557 | 12.049 | 30 | 17.951 |
| 5 | 351 | [yo]te4od | 149 | 3.223 | 339 | ol[tk] | 621 | 13.433 | 31 | 17.567 |
| 6 | 482 | olai0-4n | 126 | 2.726 | 623 | o-axis of [yo][fptk][ao][lr] | 764 | 16.527 | 27 | 10.473 |
| 7 | 637 | [yo]ce4y | 113 | 2.444 | 664 | l[fptk] Prefixes | 514 | 11.119 | 21 | 9.881 |
| 8 | 731 | o[fptk]e4os | 106 | 2.293 | 825 | okal variants | 544 | 11.768 | 20 | 8.232 |
| 9 | 798 | cse0-4s | 102 | 2.206 | 879 | o[fptk]e4dy | 1444 | 31.236 | 39 | 7.764 |
| 10 | 813 | o[fptk]c + e0-4o | 101 | 2.185 | 962 | lk-initial | 454 | 9.821 | 17 | 7.179 |
| 11 | 814 | c-sequence + e4 + [fptk] + e4 + y | 101 | 2.185 | 991 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 186 | 4.024 | 11 | 6.976 |
| 12 | 947 | ols | 93 | 2.012 | 1017 | oke4dy | 933 | 20.183 | 27 | 6.817 |
| 13 | 1061 | yce4y + infixed versions | 87 | 1.882 | 1048 | [q \| fptk \| dlrsmg] + oi0-4[lr] | 1819 | 39.348 | 46 | 6.652 |
| 14 | 1198 | yce4y + s infixes | 82 | 1.774 | 1168 | [yo]ke4o[lr] | 319 | 6.901 | 13 | 6.099 |
| 15 | 1252 | fc-initial | 80 | 1.731 | 1173 | o[fptk]c + e0-4or | 135 | 2.920 | 9 | 6.080 |
| 16 | 1286 | ckeo-initial | 79 | 1.709 | 1187 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 230 | 4.975 | 11 | 6.025 |
| 17 | 1416 | o[fptk]c + e4ody | 75 | 1.622 | 1230 | okol variants | 285 | 6.165 | 12 | 5.835 |
| 18 | 1417 | te4o | 75 | 1.622 | 1261 | otc + e4or | 58 | 1.255 | 7 | 5.745 |
| 19 | 1568 | eta | 71 | 1.536 | 1349 | ed[yoa] | 5851 | 126.568 | 132 | 5.432 |
| 20 | 1569 | oe0-4[fp]oe0-4[lr] | 71 | 1.536 | 1374 | okar variants | 493 | 10.665 | 16 | 5.335 |
| 21 | 1613 | [yo]po | 70 | 1.514 | 1417 | [yo]ke4ol | 223 | 4.824 | 10 | 5.176 |
| 22 | 1693 | e-initial | 68 | 1.471 | 1431 | o[lr]y | 318 | 6.879 | 12 | 5.121 |
| 23 | 1694 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4od | 68 | 1.471 | | | | | | |
| 24 | 1781 | oe4y | 66 | 1.428 | | | | | | |
| 25 | 1952 | oo | 62 | 1.341 | | | | | | |
| 26 | 1953 | [yo]c[fp] | 62 | 1.341 | | | | | | |
| 27 | 2043 | e[tk]o | 60 | 1.298 | | | | | | |

| | | | | |
|---|---|---|---|---|
| 28 | 2044 | oce4y | 60 | 1.298 |
| 29 | 2045 | c + e4 + [fptk] Endings | 60 | 1.298 |
| 30 | 2046 | [yo]te4os | 60 | 1.298 |
| 31 | 2047 | [yo][fptk]e4d | 60 | 1.298 |
| 32 | 2107 | [yo]fa | 59 | 1.276 |
| 33 | 2108 | qo variants | 59 | 1.276 |
| 34 | 2109 | ytai0-4n | 59 | 1.276 |
| 35 | 2165 | oi4n | 58 | 1.255 |
| 36 | 2218 | odo | 57 | 1.233 |
| 37 | 2268 | a[lr]an | 56 | 1.211 |
| 38 | 2325 | okc + e4ol | 55 | 1.190 |
| 39 | 2372 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 54 | 1.168 |
| 40 | 2446 | yce4y | 53 | 1.146 |
| 41 | 2503 | [tk]y | 52 | 1.125 |
| 42 | 2709 | okc + e4o | 49 | 1.060 |
| 43 | 2710 | [dlrsmg] + c \| c[s \| fptk] + e4o | 49 | 1.060 |
| 44 | 2799 | [yo]doi0-4[lrm \| n] | 48 | 1.038 |
| 45 | 2800 | opar variants | 48 | 1.038 |
| | | **et[yoa] (186)** | | |
| 1 | 549 | okal variants | 544 | 2.600 |
| 2 | 627 | l[fptk] Prefixes | 514 | 2.456 |
| 3 | 693 | okar variants | 493 | 2.356 |
| 4 | 792 | oe | 463 | 2.212 |
| 5 | 831 | lk-initial | 454 | 2.169 |
| 6 | 828 | dc-initial | 454 | 2.169 |
| 7 | 1028 | ol[oa] | 401 | 1.916 |
| 8 | 1102 | [fp]c-Initial | 387 | 1.849 |
| 9 | 1154 | ceckey relatives | 377 | 1.802 |
| 10 | 1360 | tc-initial | 345 | 1.649 |
| 11 | 1570 | oa | 321 | 1.534 |
| 12 | 1611 | oe sans oy + oe4y, oe0-4s | 317 | 1.515 |
| 13 | 1707 | pc-initial | 307 | 1.467 |
| 14 | 1911 | okol variants | 285 | 1.362 |
| 15 | 1944 | c \| cs + e0-4[dlrsmg] | 281 | 1.343 |
| 16 | 1956 | o[fptk \| dlrsmg][ao]m | 280 | 1.338 |
| 17 | 2007 | od endings + odcey relatives | 275 | 1.314 |
| 18 | 2017 | o[lr]o | 274 | 1.309 |
| 19 | 2396 | od endings | 243 | 1.161 |
| 20 | 2615 | ola | 228 | 1.090 |
| 21 | 2754 | ece polygraph | 219 | 1.047 |
| 22 | 2849 | ai0-4[dlrsmg][dlrsmg] | 214 | 1.023 |
| | | **ek[yoa] (446)** | | |
| 1 | 167 | [fp]c-Initial | 387 | 4.434 |
| 2 | 291 | pc-initial | 307 | 3.518 |
| 3 | 295 | ai4l | 306 | 3.506 |
| 4 | 367 | o[lr]o | 274 | 3.140 |
| 5 | 733 | [yo][fp]a | 200 | 2.292 |
| 6 | 823 | [dlrsmg] + ai4r | 190 | 2.177 |
| 7 | 954 | olo | 175 | 2.005 |
| 8 | 1095 | ocke4y | 162 | 1.856 |
| 9 | 1104 | [fptk]e0-4y | 161 | 1.845 |
| 10 | 1127 | o[fptk]c + e0-4ol | 159 | 1.822 |
| 11 | 1289 | [yo]te4od | 149 | 1.707 |
| 12 | 1426 | [yo]pa | 141 | 1.616 |
| 13 | 1616 | g | 132 | 1.512 |
| 14 | 1753 | olai0-4n | 126 | 1.444 |
| 15 | 2055 | [yo][fptk\| dlrsmg] + c \| cs + e4o | 113 | 1.295 |
| 16 | 2115 | [yo][fp]ai0-4[rn] | 111 | 1.272 |
| 17 | 2116 | opce0-4y | 111 | 1.272 |
| 18 | 2147 | [yo]c + e4dy | 110 | 1.260 |
| 19 | 2287 | aro[dlrsmg] | 105 | 1.203 |
| 20 | 2370 | oro | 102 | 1.169 |
| 21 | 2406 | o[fptk]c + e0-4o | 101 | 1.157 |
| 22 | 2621 | l[drs] Prefixes | 95 | 1.089 |
| 23 | 2650 | cpe4[yo] | 94 | 1.077 |
| 24 | 2772 | te4dy | 91 | 1.043 |
| 25 | 2773 | a[dlrsmg]c | 91 | 1.043 |
| 26 | 2903 | otam variants | 88 | 1.008 |
| | | **ef[yoa] (33)** | | |
| 1 | 1706 | a-axis of [yo][fptk][ao][lr] | 1731 | 1.468 |
| 2 | 1924 | o[fptk]ai4n | 1598 | 1.355 |
| 3 | 2076 | ai4[dlrsmg \| n] | 1519 | 1.288 |
| 4 | 2886 | ea | 1195 | 1.013 |
| | | **ep[yoa] (46)** | | |
| 1 | 665 | o[tk]e0-4y | 2042 | 2.413 |
| 2 | 991 | c[fptk]e4o-initial & c[fptk]e4y Superclass | 1659 | 1.961 |
| 3 | 1537 | oke0-4y | 1314 | 1.553 |
| 4 | 1819 | ea | 1195 | 1.412 |
| 5 | 2319 | ce4a | 1009 | 1.192 |
| 6 | 2786 | [yo]d[ao]i0-4[lrm \| n] | 880 | 1.040 |
| 7 | 2934 | oda | 847 | 1.001 |
| | | **o[lr][yoa] (1044)** | | |
| 1 | 72 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 230 | 6.169 |
| 2 | 128 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 186 | 4.989 |
| 3 | 412 | [yo][fp]ai0-4[rn] | 111 | 2.977 |
| 4 | 575 | l[drs] Prefixes | 95 | 2.548 |
| 5 | 606 | cke4y | 93 | 2.494 |
| 6 | 640 | a[dlrsmg]c | 91 | 2.441 |
| 7 | 663 | oce4y + s infixes | 90 | 2.414 |
| 8 | 761 | [yo]e4 \| c + [fp] | 84 | 2.253 |
| 9 | 776 | a[lr][fptk] | 83 | 2.226 |
| 10 | 845 | l-prefix + [fptk]e0-4y | 80 | 2.146 |
| 11 | 862 | o[fptk] endings | 79 | 2.119 |
| 12 | 863 | dl Consonant clusters | 79 | 2.119 |
| 13 | 925 | okam variants | 76 | 2.038 |
| 14 | 926 | rc-initial | 76 | 2.038 |
| 15 | 948 | o[fptk]c + e4ody | 75 | 2.012 |
| 16 | 993 | ykai0-4n | 73 | 1.958 |
| 17 | 1037 | eta | 71 | 1.904 |
| 18 | 1204 | osa | 66 | 1.770 |
| 19 | 1350 | [yo]c[fp] | 62 | 1.663 |
| 20 | 1433 | oce4y | 60 | 1.609 |
| 21 | 1483 | [yo]fa | 59 | 1.582 |
| 22 | 1533 | o[tk][ao]s | 58 | 1.556 |
| 23 | 1588 | o[fptk]ce4[lrsmg] | 57 | 1.529 |
| 24 | 1586 | odo | 57 | 1.529 |
| 25 | 1638 | a[lr]an | 56 | 1.502 |
| 26 | 1639 | d[fptk \| drs] | 56 | 1.502 |
| 27 | 1747 | okc + e4or | 54 | 1.448 |
| 28 | 1801 | Double c-Sequence Nouns | 53 | 1.422 |
| 29 | 1799 | [fptk][yo]lc | 53 | 1.422 |
| 30 | 1898 | o[fptk]o | 51 | 1.368 |

| | | | | | |
|---|---|---|---|---|---|
| 400 | [yo][fptk][ao][lr] | 2688 | 30.800 | 46 | 15.200 |
| 711 | o-axis of [yo][fptk][ao][lr] | 764 | 8.754 | 18 | 9.246 |
| 965 | a-axis of [yo][fptk][ao][lr] | 1731 | 19.834 | 27 | 7.166 |
| 1042 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 3168 | 36.300 | 43 | 6.700 |
| 1043 | o[fptk]ai4n | 1598 | 18.310 | 25 | 6.690 |
| 1247 | [yo]kai0-4n | 1067 | 12.226 | 18 | 5.774 |
| 1300 | okai0-4n | 994 | 11.389 | 17 | 5.611 |
| 1400 | o[tk]e0-4y | 2042 | 9.758 | 15 | 5.242 |
| 1458 | ed[yoa] | 5851 | 27.959 | 33 | 5.041 |
| 261 | y-initial | 1926 | 51.658 | 73 | 21.342 |
| 631 | o[lr][oa] | 735 | 19.714 | 30 | 10.286 |
| 637 | y[fptk]-initial | 1295 | 34.734 | 45 | 10.266 |
| 702 | [yo][fptk]e4ol | 322 | 8.637 | 18 | 9.363 |
| 741 | o[lr][yoa] | 1044 | 28.002 | 37 | 8.998 |
| 745 | [yo][fptk]e4o[lr] | 449 | 12.043 | 21 | 8.957 |
| 1072 | ol[yoa] | 614 | 16.468 | 23 | 6.532 |
| 1142 | ol[oa] | 401 | 10.755 | 17 | 6.245 |
| 1151 | [yo][fptk]e4o[dlrsmg] | 924 | 24.783 | 31 | 6.217 |
| 1322 | [yo]te4o[lr] | 130 | 3.487 | 9 | 5.513 |
| 1352 | o[lr]a | 469 | 12.579 | 18 | 5.421 |
| 1371 | [yo]te4ol | 99 | 2.655 | 8 | 5.345 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 31 | 2078 | [y o]doi0-4[lrm \| n] | 48 | 1.287 | | | | | | |
| 32 | 2079 | opar variants | 48 | 1.287 | | | | | | |
| 33 | 2275 | [y o]doi0-4[lr] | 45 | 1.207 | | | | | | |
| 34 | 2346 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4oly | 44 | 1.180 | | | | | | |
| 35 | 2590 | Prefixed Versions of c \| c[s \| fptk] + e4dy | 41 | 1.100 | | | | | | |
| 36 | 2667 | o + c \| cs + e4or | 40 | 1.073 | | | | | | |
| 37 | 2866 | [y o]cp | 38 | 1.019 | | | | | | |
| 38 | 2867 | od[fptk \| dlrsmg] | 38 | 1.019 | | | | | | |
| | | **[ao][lr][ao][lr] Pipe/Flow (843)** | | | | | | | | |
| 1 | 117 | otol variants | 239 | 5.176 | 723 | o[lr][oa] | 735 | 15.918 | 25 | 9.082 |
| 2 | 208 | cte4y | 186 | 4.028 | 728 | ola | 228 | 4.938 | 14 | 9.062 |
| 3 | 298 | [fptk]e0-4y | 161 | 3.487 | 759 | o[lr]a | 469 | 10.157 | 19 | 8.843 |
| 4 | 634 | [y o][fptk\| dlrsmg] + c \| cs + e4o | 113 | 2.447 | 767 | [ao][lr][ao][lr] Pipe/Flow | 843 | 18.257 | 27 | 8.743 |
| 5 | 671 | [y o][fp]ai0-4[rn] | 111 | 2.404 | 786 | c[s \| fptk]e4dy | 622 | 13.471 | 22 | 8.529 |
| 6 | 705 | ory | 108 | 2.339 | 807 | cse4dy | 585 | 12.670 | 21 | 8.330 |
| 7 | 810 | o[fptk]c + e0-4o | 101 | 2.187 | 809 | ol[oa] | 401 | 8.685 | 17 | 8.315 |
| 8 | 846 | c[fptk]c polygraph | 99 | 2.144 | 1041 | ol[y oa] | 614 | 13.298 | 20 | 6.702 |
| 9 | 910 | l[drs] Prefixes | 95 | 2.057 | 1361 | o[lr][y oa] | 1044 | 22.611 | 28 | 5.389 |
| 10 | 944 | cke4y | 93 | 2.014 | 1391 | olai0-4n | 126 | 2.729 | 8 | 5.271 |
| 11 | 1036 | otam variants | 88 | 1.906 | 1399 | ai4n | 589 | 12.756 | 18 | 5.244 |
| 12 | 1245 | l-prefix + [fptk]e0-4y | 80 | 1.733 | 1405 | okal variants | 544 | 11.782 | 17 | 5.218 |
| 13 | 1278 | e[fp][y oa] | 79 | 1.711 | 1438 | ai4[dlrsmg \| n] | 1519 | 32.898 | 38 | 5.102 |
| 14 | 1279 | o[fptk] endings | 79 | 1.711 | 1453 | oa | 321 | 6.952 | 12 | 5.048 |
| 15 | 1364 | rc-initial | 76 | 1.646 | | | | | | |
| 16 | 1365 | okam variants | 76 | 1.646 | | | | | | |
| 17 | 1414 | o[fptk]c + e4ody | 75 | 1.624 | | | | | | |
| 18 | 1689 | o[fptk][dlrsmg] | 68 | 1.473 | | | | | | |
| 19 | 1736 | y d[ao]i0-4[lrm \| n] | 67 | 1.451 | | | | | | |
| 20 | 1776 | otc + e4ol | 66 | 1.429 | | | | | | |
| 21 | 1831 | y dai0-4[lrm \| n] | 65 | 1.408 | | | | | | |
| 22 | 2035 | [y o][fptk]e4d | 60 | 1.299 | | | | | | |
| 23 | 2036 | [y o]te4os | 60 | 1.299 | | | | | | |
| 24 | 2037 | oce4y | 60 | 1.299 | | | | | | |
| 25 | 2102 | qo variants | 59 | 1.278 | | | | | | |
| 26 | 2103 | o[fptk]edai4n | 59 | 1.278 | | | | | | |
| 27 | 2104 | [y o]fa | 59 | 1.278 | | | | | | |
| 28 | 2213 | o[fptk]ce4[lrsmg] | 57 | 1.234 | | | | | | |
| 29 | 2214 | odo | 57 | 1.234 | | | | | | |
| 30 | 2264 | a[lr]an | 56 | 1.213 | | | | | | |
| 31 | 2369 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 54 | 1.170 | | | | | | |
| 32 | 2442 | Double c-Sequence Nouns | 53 | 1.148 | | | | | | |
| 33 | 2444 | [fptk][y o]lc | 53 | 1.148 | | | | | | |
| 34 | 2499 | [tk]y | 52 | 1.126 | | | | | | |
| 35 | 2580 | o[fptk]o | 51 | 1.105 | | | | | | |
| 36 | 2706 | [dlrsmg] + c \| c[s \| fptk] + e4o | 49 | 1.061 | | | | | | |
| 37 | 2707 | okc + e4o | 49 | 1.061 | | | | | | |
| 38 | 2787 | [y o]doi0-4[lrm \| n] | 48 | 1.040 | | | | | | |
| 39 | 2788 | opar variants | 48 | 1.040 | | | | | | |
| 40 | 2789 | [y o]c + e4ody | 48 | 1.040 | | | | | | |
| | | **dairol/soral relatives (190)** | | | | | | | | |
| 1 | 392 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 623 | 3.041 | 1270 | o[lr]a | 469 | 2.289 | 8 | 5.711 |
| 2 | 669 | okar variants | 493 | 2.406 | 1354 | o[lr][oa] | 735 | 3.588 | 9 | 5.412 |
| 3 | 678 | [y o]tai0-4n | 490 | 2.392 | | | | | | |
| 4 | 822 | ek[y oa] | 446 | 2.177 | | | | | | |
| 5 | 883 | otai0-4n | 430 | 2.099 | | | | | | |
| 6 | 952 | [fptk]ai4[dlrsmg \| n] | 411 | 2.006 | | | | | | |
| 7 | 972 | cte4[y o] | 406 | 1.982 | | | | | | |
| 8 | 1109 | ceckey relatives | 377 | 1.840 | | | | | | |
| 9 | 1319 | tc-initial | 345 | 1.684 | | | | | | |
| 10 | 1348 | [y o]te4o[dlrsmg] | 341 | 1.665 | | | | | | |
| 11 | 1539 | o[lr]y | 318 | 1.552 | | | | | | |
| 12 | 1666 | oi | 304 | 1.484 | | | | | | |
| 13 | 1858 | okol variants | 285 | 1.391 | | | | | | |
| 14 | 1899 | o[fptk \| dlrsmg][ao]m | 280 | 1.367 | | | | | | |
| 15 | 1947 | od endings + odcey relatives | 275 | 1.342 | | | | | | |
| 16 | 2009 | ceal variants | 269 | 1.313 | | | | | | |
| 17 | 2167 | oi4n Superset | 257 | 1.255 | | | | | | |
| 18 | 2192 | ek[y o] | 255 | 1.245 | | | | | | |
| 19 | 2334 | od endings | 243 | 1.186 | | | | | | |
| 20 | 2376 | otol variants | 239 | 1.167 | | | | | | |
| 21 | 2511 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 230 | 1.123 | | | | | | |
| 22 | 2512 | ceal verbs | 230 | 1.123 | | | | | | |
| 23 | 2538 | c \| c[fptk] + e4o | 228 | 1.113 | | | | | | |
| 24 | 2637 | oly | 222 | 1.084 | | | | | | |
| 25 | 2662 | cteo-initial | 220 | 1.074 | | | | | | |
| 26 | 2692 | ece polygraph | 219 | 1.069 | | | | | | |
| 27 | 2714 | eky | 217 | 1.059 | | | | | | |
| 28 | 2910 | [tk]e4o | 206 | 1.006 | | | | | | |
| 29 | 2935 | cse4o | 205 | 1.001 | | | | | | |
| | | **ea (1195)** | | | | | | | | |
| 1 | 350 | aro[dlrsmg] | 105 | 3.224 | 34 | ea | 1195 | 36.688 | 111 | 74.312 |
| 2 | 470 | edo | 90 | 2.763 | 48 | ce4a | 1009 | 30.977 | 97 | 66.023 |
| 3 | 559 | c[fp]e4y + added c-sequences & cfeo-Initial | 84 | 2.579 | 234 | cean variants | 255 | 7.829 | 31 | 23.171 |
| 4 | 652 | dl Consonant clusters | 79 | 2.425 | 242 | ce4ai4n | 271 | 8.320 | 31 | 22.680 |
| 5 | 653 | e[fp][y oa] | 79 | 2.425 | 248 | ai4[dlrsmg \| n] | 1519 | 46.635 | 69 | 22.365 |
| 6 | 723 | o[fptk]c + e4ody | 75 | 2.303 | 281 | ai4[dlrsmg] | 930 | 28.552 | 49 | 20.448 |
| 7 | 843 | [y o]po | 70 | 2.149 | 297 | cear variants | 365 | 11.206 | 31 | 19.794 |
| 8 | 864 | c[fp]e4y + added c-sequences | 69 | 2.118 | 298 | cean verbs | 213 | 6.539 | 26 | 19.461 |
| 9 | 934 | o[fptk][ao]s | 66 | 2.026 | 371 | ai4[lr] | 782 | 24.008 | 40 | 15.992 |
| 10 | 1041 | oo | 62 | 1.903 | 386 | cear verbs | 303 | 9.302 | 25 | 15.698 |
| 11 | 1139 | y tai0-4n | 59 | 1.811 | 422 | ai4r | 483 | 14.829 | 29 | 14.171 |
| 12 | 1195 | o[tk][ao]s | 58 | 1.781 | 425 | c[fptk]e4o-initial & c[fptk]e4y Superclass | 1659 | 50.933 | 65 | 14.067 |
| 13 | 1221 | odo | 57 | 1.750 | 438 | ceal variants | 269 | 8.259 | 22 | 13.741 |
| 14 | 1268 | d[fptk \| drs] | 56 | 1.719 | 540 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 3168 | 97.260 | 109 | 11.740 |
| 15 | 1406 | [fptk][y o]lc | 53 | 1.627 | 592 | ceal verbs | 230 | 7.061 | 18 | 10.939 |
| 16 | 1457 | [tk]y | 52 | 1.596 | 618 | cte4[y o] | 406 | 12.465 | 23 | 10.535 |
| 17 | 1508 | [fptk] + c \| c[s \| fptk] + e4o | 51 | 1.566 | 712 | cteo-initial | 220 | 6.754 | 16 | 9.246 |
| 18 | 1686 | [y o]doi0-4[lrm \| n] | 48 | 1.474 | 729 | om + o[fptk \| dlrsmg]am | 454 | 13.938 | 23 | 9.062 |
| 19 | 1687 | opar variants | 48 | 1.474 | 801 | o[fptk \| dlrsmg][ao]m | 280 | 8.596 | 17 | 8.404 |
| 20 | 1820 | ep[y oa] | 46 | 1.412 | 898 | Single-Letter Words | 566 | 17.377 | 25 | 7.623 |
| 21 | 1869 | [y o]doi0-4[lr] | 45 | 1.382 | 972 | ceam verbs | 61 | 1.873 | 9 | 7.127 |
| 22 | 1933 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4oly | 44 | 1.351 | 1047 | ceam variants | 76 | 2.333 | 9 | 6.667 |
| 23 | 2067 | [y o][fptk]ce4d | 42 | 1.289 | 1109 | [fptk]ai4[dlrsmg \| n] | 411 | 12.618 | 19 | 6.382 |
| 24 | 2154 | Prefixed Versions of c \| c[s \| fptk] + e4dy | 41 | 1.259 | 1123 | ek[y oa] | 446 | 13.693 | 20 | 6.307 |
| 25 | 2229 | o[fptk]edal | 40 | 1.228 | 1177 | [dlrsmg \| fptk] + ai4n | 1724 | 52.928 | 59 | 6.072 |
| 26 | 2377 | [y o]cp | 38 | 1.167 | 1280 | [dlrsmg \| fptk] + ai4[dlrsmg] | 1444 | 44.332 | 50 | 5.668 |
| 27 | 2378 | od[fptk \| dlrsmg] | 38 | 1.167 | 1328 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 733 | 22.504 | 28 | 5.496 |
| 28 | 2478 | c[fptk]e4dy | 37 | 1.136 | 1420 | [fptk]ai4[lr] | 190 | 5.833 | 11 | 5.167 |
| 29 | 2576 | ady | 36 | 1.105 | 1424 | [dlrsmg]ai4[lr] | 875 | 26.863 | 32 | 5.137 |
| 30 | 2660 | a[lr]o Endings | 35 | 1.075 | | | | | | |
| 31 | 2763 | ol + c \| cs + e4o[lr] | 34 | 1.044 | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 2764 | odcey relatives | 34 | 1.044 | | | | | | |
| 33 | 2765 | yc + e4or | 34 | 1.044 | | | | | | |
| 34 | 2888 | ef[yoa] | 33 | 1.013 | | | | | | |
| | | **cedai4[lrsm \| n] (527)** | | | | | | | | |
| 1 | 182 | o[lr]y | 318 | 4.305 | 26 | ed[yoa] | 5851 | 79.218 | 157 | 77.782 |
| 2 | 345 | otol variants | 239 | 3.236 | 57 | edy | 4981 | 67.439 | 128 | 60.561 |
| 3 | 398 | oly | 222 | 3.006 | 92 | c + e4dy | 3053 | 41.335 | 89 | 47.665 |
| 4 | 411 | cteo-initial | 220 | 2.979 | 289 | c \| c[s \| fptk] + e4dy | 1395 | 18.887 | 39 | 20.113 |
| 5 | 457 | [yo]ke4od | 207 | 2.803 | 341 | o[fptk]c + e0-4dy | 554 | 7.501 | 25 | 17.499 |
| 6 | 491 | or[yo] | 200 | 2.708 | 436 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 1421 | 19.239 | 33 | 13.761 |
| 7 | 530 | o[dlrs]ce4y Superset | 196 | 2.654 | 452 | o[fptk]e4dy | 1444 | 19.551 | 33 | 13.449 |
| 8 | 554 | [fptk]ai4n | 191 | 2.586 | 454 | eda | 784 | 10.615 | 24 | 13.385 |
| 9 | 654 | ko | 179 | 2.424 | 482 | ce4dy | 755 | 10.222 | 23 | 12.778 |
| 10 | 711 | [yo]ce4y + s infixes | 172 | 2.329 | 533 | opc + e0-4 + y \| dy \| o[dlrs]y | 302 | 4.089 | 16 | 11.911 |
| 11 | 817 | [fptk]e0-4y | 161 | 2.180 | 537 | cedai4[lrsm \| n] | 527 | 7.135 | 19 | 11.865 |
| 12 | 942 | [dlrsmg]ai4m | 149 | 2.017 | 599 | opce0-4dy | 159 | 2.153 | 13 | 10.847 |
| 13 | 1078 | olcey relatives (non -edy) | 138 | 1.868 | 804 | oke4dy | 933 | 12.632 | 21 | 8.368 |
| 14 | 1120 | o[fptk]c + e0-4or | 135 | 1.828 | 981 | cse4dy | 585 | 7.920 | 15 | 7.080 |
| 15 | 1211 | dai4m | 130 | 1.760 | 1061 | c[s \| fptk]e4dy | 622 | 8.421 | 15 | 6.579 |
| 16 | 1356 | okor variants | 122 | 1.652 | 1242 | oi4[dlrsmg \| n] | 1124 | 15.218 | 21 | 5.782 |
| 17 | 1530 | rai4n | 115 | 1.557 | 1345 | cedaiin variants | 189 | 2.559 | 8 | 5.441 |
| 18 | 1531 | Consonant Clusters | 115 | 1.557 | 1437 | ote4dy | 509 | 6.891 | 12 | 5.109 |
| 19 | 1584 | [yo]ce4y | 113 | 1.530 | 1441 | [yo]d[ao]i0-4[lrm \| n] | 880 | 11.915 | 17 | 5.086 |
| 20 | 1718 | ory | 108 | 1.462 | | | | | | |
| 21 | 1798 | aro[dlrsmg] | 105 | 1.422 | | | | | | |
| 22 | 1871 | oro | 102 | 1.381 | | | | | | |
| 23 | 1982 | o[tk]e4s | 98 | 1.327 | | | | | | |
| 24 | 2034 | [yo]ke4or | 96 | 1.300 | | | | | | |
| 25 | 2149 | ols | 93 | 1.259 | | | | | | |
| 26 | 2250 | oce4y + s infixes | 90 | 1.219 | | | | | | |
| 27 | 2320 | o + c \| cs + e4o[lr] | 88 | 1.191 | | | | | | |
| 28 | 2352 | yce4y + infixed versions | 87 | 1.178 | | | | | | |
| 29 | 2426 | o[fptk]ody | 85 | 1.151 | | | | | | |
| 30 | 2507 | [fptk \| dlrs] prefixes to dai4[lrsm \| n] | 83 | 1.124 | | | | | | |
| 31 | 2556 | yce4y + s infixes | 82 | 1.110 | | | | | | |
| 32 | 2638 | l-prefix + [fptk]e0-4y | 80 | 1.083 | | | | | | |
| 33 | 2688 | dl Consonant clusters | 79 | 1.070 | | | | | | |
| 34 | 2689 | o[fptk] endings | 79 | 1.070 | | | | | | |
| 35 | 2690 | ckeo-initial | 79 | 1.070 | | | | | | |
| 36 | 2825 | rc-initial | 76 | 1.029 | | | | | | |
| 37 | 2876 | te4o | 75 | 1.015 | | | | | | |
| 38 | 2877 | ofc + e4 + y \| dy \| o + [lr] Superset | 75 | 1.015 | | | | | | |
| 39 | 2922 | okod variants | 74 | 1.002 | | | | | | |
| | | **oa (321)** | | | | | | | | |
| 1 | 77 | [dlrsmg \| fptk]e0-4y | 735 | 6.061 | 192 | ai4[dlrsmg \| n] | 1519 | 12.527 | 40 | 27.473 |
| 2 | 238 | lc-initial | 457 | 3.769 | 346 | ai4[dlrsmg] | 930 | 7.670 | 25 | 17.330 |
| 3 | 244 | om + o[fptk \| dlrsmg]am | 454 | 3.744 | 393 | ai4[lr] | 782 | 6.449 | 22 | 15.551 |
| 4 | 246 | [dlrsmg]e0-4y | 453 | 3.736 | 505 | c[fptk]e4o-initial & c[fptk]e4y Superclass | 1659 | 13.682 | 26 | 12.318 |
| 5 | 475 | otal variants | 333 | 2.746 | 522 | ai4r | 483 | 3.983 | 16 | 12.017 |
| 6 | 498 | [dlrsmg] + c \| c[s \| fptk] + e4dy | 327 | 2.697 | 645 | ai4n | 589 | 4.857 | 15 | 10.143 |
| 7 | 529 | kc-initial | 322 | 2.655 | 683 | c + c[s \| fptk]e4y | 1624 | 13.393 | 23 | 9.607 |
| 8 | 573 | [tk]e4dy | 309 | 2.548 | 853 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 2060 | 16.988 | 25 | 8.012 |
| 9 | 716 | o[fptk \| dlrsmg][ao]m | 280 | 2.309 | 916 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 18.522 | 26 | 7.478 |
| 10 | 857 | sai4n | 258 | 2.128 | 932 | [yo][fptk]e4o[dlrsmg] | 924 | 7.620 | 15 | 7.380 |
| 11 | 956 | od endings | 243 | 2.004 | 995 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 733 | 6.045 | 13 | 6.955 |
| 12 | 982 | otol variants | 239 | 1.971 | 1025 | oe0-4s | 632 | 5.212 | 12 | 6.788 |
| 13 | 1047 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 230 | 1.897 | 1164 | y-initial | 1926 | 15.883 | 22 | 6.117 |
| 14 | 1062 | [yo]d[ao]i0-4r | 228 | 1.880 | | | | | | |
| 15 | 1096 | old | 225 | 1.856 | | | | | | |
| 16 | 1175 | ke4dy | 217 | 1.790 | | | | | | |
| 17 | 1200 | od[ao]i0-4r | 215 | 1.773 | | | | | | |
| 18 | 1207 | ai0-4[dlrsmg][dlrsmg] | 214 | 1.765 | | | | | | |
| 19 | 1309 | yodai0-4r | 205 | 1.691 | | | | | | |
| 20 | 1336 | om | 203 | 1.674 | | | | | | |
| 21 | 1423 | [fptk] + c \| c[s \| fptk] + e4dy | 196 | 1.616 | | | | | | |
| 22 | 1465 | odai0-4r | 193 | 1.592 | | | | | | |
| 23 | 1492 | [fptk]ai4n | 191 | 1.575 | | | | | | |
| 24 | 1503 | [dlrsmg] + ai4r | 190 | 1.567 | | | | | | |
| 25 | 1504 | dairol/soral relatives | 190 | 1.567 | | | | | | |
| 26 | 1528 | cedaiin variants | 189 | 1.559 | | | | | | |
| 27 | 1571 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 186 | 1.534 | | | | | | |
| 28 | 1607 | o[fptk]eda[lrsm \| n] | 184 | 1.517 | | | | | | |
| 29 | 1683 | ko | 179 | 1.476 | | | | | | |
| 30 | 1684 | [sr]c-Initial | 179 | 1.476 | | | | | | |
| 31 | 1809 | otce0-4dy | 172 | 1.418 | | | | | | |
| 32 | 1976 | [fptk]e0-4y | 161 | 1.328 | | | | | | |
| 33 | 2226 | [dlrsmg]ai4m | 149 | 1.229 | | | | | | |
| 34 | 2536 | o[fptk]c + e0-4or | 135 | 1.113 | | | | | | |
| 35 | 2537 | orai0-4n | 135 | 1.113 | | | | | | |
| 36 | 2619 | oc[fpt]e4y | 132 | 1.089 | | | | | | |
| 37 | 2752 | cedal variants | 127 | 1.047 | | | | | | |
| | | **oo + oe4o (133)** | | | | | | | | |
| 1 | 513 | eda | 784 | 2.679 | 1 | 2246 | 7.674 | 16 | 8.326 | 1 |
| 2 | 547 | o-axis of [yo][fptk][ao][lr] | 764 | 2.611 | 2 | 733 | 2.505 | 8 | 5.495 | 2 |
| 3 | 601 | [dlrsmg \| fptk]e0-4y | 735 | 2.511 | | | | | | |
| 4 | 1155 | cedai4[lrsm \| n] | 527 | 1.801 | | | | | | |
| 5 | 1199 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 519 | 1.773 | | | | | | |
| 6 | 1232 | ote4dy | 509 | 1.739 | | | | | | |
| 7 | 1316 | okar variants | 493 | 1.685 | | | | | | |
| 8 | 1335 | [yo]tai0-4n | 490 | 1.674 | | | | | | |
| 9 | 1550 | [dlrsmg]e0-4y | 453 | 1.548 | | | | | | |
| 10 | 1597 | ek[yoa] | 446 | 1.524 | | | | | | |
| 11 | 1602 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 445 | 1.521 | | | | | | |
| 12 | 1643 | or[yoa] | 438 | 1.497 | | | | | | |
| 13 | 1699 | otai0-4n | 430 | 1.469 | | | | | | |
| 14 | 1834 | [fptk]ai4[dlrsmg \| n] | 411 | 1.404 | | | | | | |
| 15 | 1994 | [fp]c-Initial | 387 | 1.322 | | | | | | |
| 16 | 2018 | do | 383 | 1.309 | | | | | | |
| 17 | 2072 | ceckey relatives | 377 | 1.288 | | | | | | |
| 18 | 2350 | tc-initial | 345 | 1.179 | | | | | | |
| 19 | 2351 | [yo]c + e4o Superclass | 345 | 1.179 | | | | | | |
| 20 | 2395 | or[oa] | 340 | 1.162 | | | | | | |
| 21 | 2472 | otal variants | 333 | 1.138 | | | | | | |
| 22 | 2527 | [dlrsmg] + c \| c[s \| fptk] + e4dy | 327 | 1.117 | | | | | | |
| 23 | 2614 | [yo]ke4o[lr] | 319 | 1.090 | | | | | | |
| 24 | 2651 | ol[ds] | 315 | 1.076 | | | | | | |
| 25 | 2721 | [tk]e4dy | 309 | 1.056 | | | | | | |
| 26 | 2744 | pc-initial | 307 | 1.049 | | | | | | |
| | | **oi (304)** | | | | | | | | |
| 1 | 84 | ce4dy | 755 | 5.897 | 362 | [fptk \| dlrsmg] + c \| c[s \| fptk] + | 2246 | 17.541 | 34 | 16.459 |

| | | | | |
|---|---|---|---|---|
| 2 | 209 | l[fptk] Prefixes | 514 | 4.014 |
| 3 | 258 | o[lr]a | 469 | 3.663 |
| 4 | 276 | lc-initial | 457 | 3.569 |
| 5 | 283 | lk-initial | 454 | 3.546 |
| 6 | 385 | [yo]d[ao]i0-4[lr] | 393 | 3.069 |
| 7 | 389 | a[lr][ao][lr] | 391 | 3.054 |
| 8 | 435 | od[ao]i0-4[lr] | 369 | 2.882 |
| 9 | 487 | yodai0-4[lr] | 348 | 2.718 |
| 10 | 499 | tc-initial | 345 | 2.694 |
| 11 | 500 | otar variants | 345 | 2.694 |
| 12 | 570 | [dlrsmg] + c \| c[s \| fptk] + e4dy | 327 | 2.554 |
| 13 | 576 | odai0-4[lr] | 326 | 2.546 |
| 14 | 604 | oa | 321 | 2.507 |
| 15 | 664 | [tk]e4dy | 309 | 2.413 |
| 16 | 880 | ceal variants | 269 | 2.101 |
| 17 | 1046 | od endings | 243 | 1.898 |
| 18 | 1060 | ora | 241 | 1.882 |
| 19 | 1166 | ceal verbs | 230 | 1.796 |
| 20 | 1167 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 230 | 1.796 |
| 21 | 1191 | [yo]d[ao]i0-4r | 228 | 1.781 |
| 22 | 1192 | ola | 228 | 1.781 |
| 23 | 1240 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 222 | 1.734 |
| 24 | 1305 | ke4dy | 217 | 1.695 |
| 25 | 1328 | od[ao]i0-4r | 215 | 1.679 |
| 26 | 1338 | ai0-4[dlrsmg][dlrsmg] | 214 | 1.671 |
| 27 | 1434 | [tk]e4o | 206 | 1.609 |
| 28 | 1446 | yodai0-4r | 205 | 1.601 |
| 29 | 1580 | [fptk] + c \| c[s \| fptk] + e4dy | 196 | 1.531 |
| 30 | 1627 | odai0-4r | 193 | 1.507 |
| 31 | 1652 | [fptk]ai4n | 191 | 1.492 |
| 32 | 1665 | dairol/soral relatives | 190 | 1.484 |
| 33 | 1702 | okce0-4dy | 188 | 1.468 |
| 34 | 1732 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 186 | 1.453 |
| 35 | 1847 | ko | 179 | 1.398 |
| 36 | 1885 | cedar variants | 176 | 1.375 |
| 37 | 2069 | [yo]d[ao]i0-4l | 165 | 1.289 |
| 38 | 2161 | [fptk]e0-4y | 161 | 1.257 |
| 39 | 2288 | od[ao]i0-4l | 154 | 1.203 |
| 40 | 2385 | [yo]te4od | 149 | 1.164 |
| 41 | 2530 | yodai0-4l | 143 | 1.117 |
| 42 | 2589 | [yo]pa | 141 | 1.101 |
| 43 | 2649 | olcey relatives (non -edy) | 138 | 1.078 |
| 44 | 2687 | ke4o | 137 | 1.070 |
| 45 | 2731 | orai0-4n | 135 | 1.054 |
| 46 | 2732 | o[fptk]c + e0-4or | 135 | 1.054 |
| 47 | 2796 | odai0-4l | 133 | 1.039 |
| 48 | 2821 | g | 132 | 1.031 |
| | | **[dlrsmg \| fptk] + ai4[dlrsmg \| n] (3168)** | | |
| 1 | 15 | ke4o | 137 | 11.150 |
| 2 | 181 | [fptk][yo]lc | 53 | 4.314 |
| 3 | 273 | [yo][fp]y | 44 | 3.581 |
| 4 | 322 | Prefixed Versions of c \| c[s \| fptk] + e4dy | 41 | 3.337 |
| 5 | 423 | Suspected Errata/Difficult to Categorize | 36 | 2.930 |
| 6 | 467 | ope0-4y | 34 | 2.767 |
| 7 | 506 | [yo]py | 33 | 2.686 |
| 8 | 593 | opc + e4ol | 31 | 2.523 |
| 9 | 737 | o[tk][lr] | 28 | 2.279 |
| 10 | 928 | [yo]fo | 25 | 2.035 |
| 11 | 929 | b | 25 | 2.035 |
| 12 | 1074 | [yo]e4[fp] | 23 | 1.872 |
| 13 | 1075 | ofce0-4y | 23 | 1.872 |
| 14 | 1285 | o[fptk]c + e4od | 21 | 1.709 |
| 15 | 1402 | [fptk]ai4m | 20 | 1.628 |
| 16 | 1403 | ocees relatives | 20 | 1.628 |
| 17 | 1713 | q-prefix exceptions | 18 | 1.465 |
| 18 | 1714 | c + e4 + [fptk]c Nouns | 18 | 1.465 |
| 19 | 2028 | otos variants | 16 | 1.302 |
| 20 | 2029 | opc + e4or | 16 | 1.302 |
| 21 | 2244 | o[fptk]c + e4os | 15 | 1.221 |
| 22 | 2465 | opc + e4ody | 14 | 1.139 |
| 23 | 2466 | ll | 14 | 1.139 |
| 24 | 2716 | or[fptk \| dlrsmg] | 13 | 1.058 |
| 25 | | | | |
| 26 | | | | |
| 27 | | | | |
| 28 | | | | |
| 29 | | | | |
| 30 | | | | |
| 31 | | | | |
| 32 | | | | |
| 33 | | | | |
| 34 | | | | |
| 35 | | | | |
| 36 | | | | |
| 37 | | | | |
| 38 | | | | |
| 39 | | | | |
| 40 | | | | |
| 41 | | | | |
| 42 | | | | |
| 43 | | | | |
| 44 | | | | |
| 45 | | | | |
| 46 | | | | |
| 47 | | | | |
| 48 | | | | |
| 49 | | | | |
| 50 | | | | |
| 51 | | | | |
| 52 | | | | |
| 53 | | | | |
| 54 | | | | |
| | | **[fptk \| dlrs] prefixes to dai4[lrsm \| n] (83)** | | |
| 1 | 1162 | [ao][lr][ao][lr] Pipe/Flow | 843 | 1.798 |
| 2 | 1261 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 809 | 1.725 |
| 3 | 1502 | [dlrsmg \| fptk]e0-4y | 735 | 1.567 |

| | | | | |
|---|---|---|---|---|
| | e4o[dlrsmg] | | | |
| 420 | c + c[s \| fptk]e4y | 1624 | 12.684 | 27 | 14.316 |
| 565 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 733 | 5.725 | 17 | 11.275 |
| 594 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 2060 | 16.089 | 27 | 10.911 |
| 640 | oi4[dlrsmg \| n] | 1124 | 8.779 | 19 | 10.221 |
| 724 | c[s \| fptk]e4y | 887 | 6.928 | 16 | 9.072 |
| 912 | cse4y | 578 | 4.514 | 12 | 7.486 |
| 1398 | ce4y | 737 | 5.756 | 11 | 5.244 |
| 1455 | c[fptk]e4o-initial & c[fptk]e4y Superclass | 1659 | 12.957 | 18 | 5.043 |
| | | | | | |
| 42 | ai4[dlrsmg \| n] | 1519 | 123.630 | 194 | 70.370 |
| 56 | c[fptk]e4o-initial & c[fptk]e4y Superclass | 1659 | 135.025 | 196 | 60.975 |
| 58 | ai4[dlrsmg] | 930 | 75.692 | 136 | 60.308 |
| 59 | c + c[s \| fptk]e4y | 1624 | 132.176 | 192 | 59.824 |
| 86 | ai4[lr] | 782 | 63.646 | 113 | 49.354 |
| 100 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 2060 | 167.662 | 213 | 45.338 |
| 130 | oi4[dlrsmg \| n] | 1124 | 91.482 | 127 | 35.518 |
| 153 | c[s \| fptk]e4y | 887 | 72.192 | 104 | 31.808 |
| 155 | c \| c[s \| fptk] + e4dy | 1395 | 113.538 | 145 | 31.462 |
| 157 | y-initial | 1926 | 156.756 | 188 | 31.244 |
| 172 | cte4[yo] | 406 | 33.044 | 62 | 28.956 |
| 182 | ai4l | 306 | 24.905 | 53 | 28.095 |
| 183 | ce4y | 737 | 59.984 | 88 | 28.016 |
| 186 | Single-Letter Words | 566 | 46.066 | 74 | 27.934 |
| 203 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 623 | 50.706 | 76 | 25.294 |
| 240 | ek[yoa] | 446 | 36.300 | 59 | 22.700 |
| 241 | ai4r | 483 | 39.311 | 62 | 22.689 |
| 262 | ceckey relatives | 377 | 30.684 | 52 | 21.316 |
| 267 | cteo-initial | 220 | 17.906 | 39 | 21.094 |
| 288 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 182.801 | 203 | 20.199 |
| 305 | ce4a | 1009 | 82.122 | 101 | 18.878 |
| 319 | c[s \| fptk]e4dy | 622 | 50.624 | 69 | 18.376 |
| 344 | cse4dy | 585 | 47.613 | 65 | 17.387 |
| 357 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 519 | 42.241 | 59 | 16.759 |
| 369 | c \| cs + e0-4[dlrsmg] | 281 | 22.870 | 39 | 16.130 |
| 375 | cse4y | 578 | 47.043 | 63 | 15.957 |
| 380 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 445 | 36.218 | 52 | 15.782 |
| 381 | c[fptk]e4y | 310 | 25.231 | 41 | 15.769 |
| 449 | ce4dy | 755 | 61.449 | 75 | 13.551 |
| 475 | ce4ai4n | 271 | 22.057 | 35 | 12.943 |
| 498 | eka | 191 | 15.545 | 28 | 12.455 |
| 502 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 733 | 59.658 | 72 | 12.342 |
| 511 | cean variants | 255 | 20.754 | 33 | 12.246 |
| 519 | om + o[fptk \| dlrsmg]am | 454 | 36.951 | 49 | 12.049 |
| 536 | [dlrsmg]ai4m | 149 | 12.127 | 24 | 11.873 |
| 566 | Detached Class Modifiers | 95 | 7.732 | 19 | 11.268 |
| 583 | dc-initial | 454 | 36.951 | 48 | 11.049 |
| 611 | cean verbs | 213 | 17.336 | 28 | 10.664 |
| 639 | ek[yo] | 255 | 20.754 | 31 | 10.246 |
| 650 | ai4n | 589 | 47.938 | 58 | 10.062 |
| 658 | [q \| fptk \| dlrsmg] + oi0-4[lr] | 1819 | 148.047 | 158 | 9.953 |
| 670 | ea | 1195 | 97.260 | 107 | 9.740 |
| 692 | om | 203 | 16.522 | 26 | 9.478 |
| 696 | dai4m | 130 | 10.581 | 20 | 9.419 |
| 718 | [dlrsmg]e0-4y | 453 | 36.869 | 46 | 9.131 |
| 739 | cke4[yo] | 172 | 13.999 | 23 | 9.001 |
| 781 | y[fptk]-initial | 1295 | 105.399 | 114 | 8.601 |
| 810 | y + Non-[dlrs] Prefixes | 205 | 16.685 | 25 | 8.315 |
| 867 | cte4y | 186 | 15.138 | 23 | 7.862 |
| 919 | aro[dlrsmg] | 105 | 8.546 | 16 | 7.454 |
| 922 | cke4y | 93 | 7.569 | 15 | 7.431 |
| 937 | eky | 217 | 17.661 | 25 | 7.339 |
| 1138 | g | 132 | 10.743 | 17 | 6.257 |
| 1255 | c \| cs + e0-4d | 89 | 7.244 | 13 | 5.756 |
| | | | | | |
| 550 | ed[yoa] | 5851 | 12.476 | 24 | 11.524 |
| 699 | edy | 4981 | 10.621 | 20 | 9.379 |

| | | | | |
|---|---|---|---|---|
| 4 | 1511 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 733 | 1.563 |
| 5 | 1792 | [tk]c-Initial | 667 | 1.422 |
| 6 | 1936 | oe0-4s | 632 | 1.348 |
| 7 | 2600 | l[fptk] Prefixes | 514 | 1.096 |
| 8 | 2668 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 503 | 1.073 |
| 9 | 2758 | [yo]tai0-4n | 490 | 1.045 |
| | | **ai4[dlrsmg \| n] (1519)** | | |
| 1 | 173 | otor variants | 113 | 4.410 |
| 2 | 251 | l[drs] Prefixes | 95 | 3.707 |
| 3 | 373 | fc-initial | 80 | 3.122 |
| 4 | 480 | [yo]po | 70 | 2.732 |
| 5 | 561 | otc + e4ol | 66 | 2.576 |
| 6 | 659 | cear nouns | 62 | 2.420 |
| 7 | 660 | [yo]c[fp] | 62 | 2.420 |
| 8 | 703 | oce4y | 60 | 2.341 |
| 9 | 724 | qo variants | 59 | 2.302 |
| 10 | 753 | o[tk][ao]s | 58 | 2.263 |
| 11 | 780 | o[fptk]ce4[lrsmg] | 57 | 2.224 |
| 12 | 874 | okc + e4or | 54 | 2.107 |
| 13 | 1270 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4oly | 44 | 1.717 |
| 14 | 1382 | [yo][fptk]ce4d | 42 | 1.639 |
| 15 | 1383 | opal variants | 42 | 1.639 |
| 16 | 1453 | Prefixed Versions of c \| c[s \| fptk] + e4dy | 41 | 1.600 |
| 17 | 1669 | [yo]cp | 38 | 1.483 |
| 18 | 1670 | o[fptk]d | 38 | 1.483 |
| 19 | 1983 | [fptk][dlrs] Prefixes | 34 | 1.327 |
| 20 | 1984 | osai0-4n | 34 | 1.327 |
| 21 | 1985 | ol + c \| cs + e4o[lr] | 34 | 1.327 |
| 22 | 2181 | c[fptk]e4o | 32 | 1.249 |
| 23 | 2182 | ofce0-4dy | 32 | 1.249 |
| 24 | 2273 | opc + e4ol | 31 | 1.210 |
| 25 | 2367 | okc + e4ody | 30 | 1.171 |
| 26 | 2484 | opai0-4n | 29 | 1.132 |
| 27 | 2485 | otc + e4ody | 29 | 1.132 |
| 28 | 2609 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ory | 28 | 1.093 |
| 29 | 2737 | ce4g | 27 | 1.054 |
| 30 | 2879 | o + c \| cs + e4o | 26 | 1.015 |
| 31 | 2880 | cfe4[yo] | 26 | 1.015 |
| 32 | 2881 | opai0-4n | 26 | 1.015 |
| | | **[dlrsmg \| fptk] + ai4n (1724)** | | |
| 1 | 6 | pc-initial | 307 | 13.597 |
| 2 | 20 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 230 | 10.187 |
| 3 | 26 | [fptk]ai4n | 191 | 8.460 |
| 4 | 30 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 186 | 8.238 |
| 5 | 53 | [fptk]e0-4y | 161 | 7.131 |
| 6 | 69 | yodai0-4l | 143 | 6.334 |
| 7 | 76 | ke4o | 137 | 6.068 |
| 8 | 85 | odai0-4l | 133 | 5.891 |
| 9 | 119 | rai4n | 115 | 5.094 |
| 10 | 207 | te4dy | 91 | 4.031 |
| 11 | 239 | dcedy relatives | 85 | 3.765 |
| 12 | 284 | l-prefix + [fptk]e0-4y | 80 | 3.543 |
| 13 | 316 | rc-initial | 76 | 3.366 |
| 14 | 395 | o[fptk][dlrsmg] | 68 | 3.012 |
| 15 | 429 | oe4y | 66 | 2.923 |
| 16 | 495 | faceys relatives | 61 | 2.702 |
| 17 | 545 | qo variants | 59 | 2.613 |
| 18 | 698 | [fptk][yo]lc | 53 | 2.347 |
| 19 | 721 | [tk]y | 52 | 2.303 |
| 20 | 827 | [yo]te4o | 49 | 2.170 |
| 21 | 1000 | [yo][fp]y | 44 | 1.949 |
| 22 | 1133 | Prefixed Versions of c \| c[s \| fptk] + e4dy | 41 | 1.816 |
| 23 | 1321 | o[fptk]d | 38 | 1.683 |
| 24 | 1322 | yc + e4o | 38 | 1.683 |
| 25 | 1459 | Suspected Errata/Difficult to Categorize | 36 | 1.594 |
| 26 | 1631 | odcey relatives | 34 | 1.506 |
| 27 | 1632 | ope0-4y | 34 | 1.506 |
| 28 | 1633 | [fptk][dlrs] Prefixes | 34 | 1.506 |
| 29 | 1719 | [yo]py | 33 | 1.462 |
| 30 | 1887 | opc + e4ol | 31 | 1.373 |
| 31 | 1975 | ocse4y | 30 | 1.329 |
| 32 | 2201 | o[tk][lr] | 28 | 1.240 |
| 33 | 2425 | orcey relatives | 26 | 1.152 |
| 34 | 2568 | olf | 25 | 1.107 |
| 35 | 2569 | opor variants | 25 | 1.107 |
| 36 | 2570 | [yo]fo | 25 | 1.107 |
| 37 | 2571 | b | 25 | 1.107 |
| 38 | 2702 | yd[ao]i0-4[lr] | 24 | 1.063 |
| 39 | 2868 | ofce0-4y | 23 | 1.019 |
| 40 | 2869 | [yo]e4[fp] | 23 | 1.019 |
| 41 | 2870 | [yo]doi0-4r | 23 | 1.019 |
| 42 | | | | |
| 43 | | | | |
| | | **dai4n (1140)** | | |
| 1 | 23 | [tk]e4dy | 309 | 9.050 |
| 2 | 24 | pc-initial | 307 | 8.991 |
| 3 | 59 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 230 | 6.736 |
| 4 | 68 | ke4dy | 217 | 6.355 |
| 5 | 99 | [fptk]ai4n | 191 | 5.594 |
| 6 | 102 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 186 | 5.448 |
| 7 | 139 | [fptk]e0-4y | 161 | 4.715 |
| 8 | 147 | opce0-4dy | 159 | 4.657 |
| 9 | 192 | yodai0-4l | 143 | 4.188 |
| 10 | 210 | ke4o | 137 | 4.012 |
| 11 | 224 | odai0-4l | 133 | 3.895 |
| 12 | 314 | rai4n | 115 | 3.368 |
| 13 | 362 | ory | 108 | 3.163 |
| 14 | 384 | aro[dlrsmg] | 105 | 3.075 |
| 15 | 526 | te4dy | 91 | 2.665 |
| 16 | 560 | [yo][fptk]e4o | 88 | 2.577 |
| 17 | 611 | dcedy relatives | 85 | 2.489 |
| 18 | 624 | [yo]e4 \| c + [fp] | 84 | 2.460 |
| 19 | 702 | l-prefix + [fptk]e0-4y | 80 | 2.343 |

| | | | | | |
|---|---|---|---|---|---|
| 16 | ai4[dlrsmg \| n] | 1519 | 59.279 | 158 | 98.721 |
| 40 | ai4[dlrsmg] | 930 | 36.293 | 107 | 70.707 |
| 61 | ai4[lr] | 782 | 30.517 | 87 | 56.483 |
| 120 | ai4l | 306 | 11.942 | 51 | 39.058 |
| 176 | y-initial | 1926 | 75.162 | 104 | 28.838 |
| 184 | ai4n | 589 | 22.986 | 51 | 28.014 |
| 225 | oi4[dlrsmg \| n] | 1124 | 43.864 | 68 | 24.136 |
| 324 | ai4r | 483 | 18.849 | 37 | 18.151 |
| 503 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 222 | 8.664 | 21 | 12.337 |
| 548 | otar variants | 345 | 13.464 | 25 | 11.536 |
| 607 | a[lr][fptk] | 83 | 3.239 | 14 | 10.761 |
| 649 | [yo]dy endings | 1228 | 47.922 | 58 | 10.078 |
| 694 | a-axis of [yo][fptk][ao][lr] | 1731 | 67.552 | 77 | 9.448 |
| 750 | Single-Letter Words | 566 | 22.088 | 31 | 8.912 |
| 883 | a[lr][ao][lr] | 391 | 15.259 | 23 | 7.741 |
| 1005 | aro[dlrsmg] | 105 | 4.098 | 11 | 6.902 |
| 1130 | om + o[fptk \| dlrsmg]am | 454 | 17.717 | 24 | 6.283 |
| 1167 | [ao][lr][ao][lr] Pipe/Flow | 843 | 32.898 | 39 | 6.102 |
| 1190 | [q \| fptk \| dlrsmg] + oi0-4[lr] | 1819 | 70.986 | 77 | 6.014 |
| 1297 | faceys relatives | 61 | 2.381 | 8 | 5.619 |
| 1316 | eka | 191 | 7.454 | 13 | 5.546 |
| 1335 | oa | 321 | 12.527 | 18 | 5.473 |
| 1339 | y[fptk]-initial | 1295 | 50.537 | 56 | 5.463 |
| 1462 | c \| cs + e0-4[dlrsmg] | 281 | 10.966 | 16 | 5.034 |
| 29 | c[fptk]e4o-initial & c[fptk]e4y Superclass | 1659 | 73.480 | 150 | 76.521 |
| 63 | c + c[s \| fptk]e4y | 1624 | 71.929 | 128 | 56.071 |
| 96 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 2060 | 91.240 | 138 | 46.760 |
| 136 | cte4[yo] | 406 | 17.982 | 53 | 35.018 |
| 154 | c[s \| fptk]e4y | 887 | 39.287 | 71 | 31.713 |
| 181 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 623 | 27.594 | 56 | 28.406 |
| 216 | ce4y | 737 | 32.643 | 57 | 24.357 |
| 219 | ceckey relatives | 377 | 16.698 | 41 | 24.302 |
| 222 | cteo-initial | 220 | 9.744 | 34 | 24.256 |
| 233 | ek[yoa] | 446 | 19.754 | 43 | 23.246 |
| 263 | ce4a | 1009 | 44.690 | 66 | 21.310 |
| 278 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 99.479 | 120 | 20.521 |
| 286 | c[fptk]e4y | 310 | 13.730 | 34 | 20.270 |
| 328 | ea | 1195 | 52.928 | 71 | 18.072 |
| 387 | y-initial | 1926 | 85.305 | 101 | 15.695 |
| 407 | Single-Letter Words | 566 | 25.069 | 40 | 14.931 |
| 455 | cke4[yo] | 172 | 7.618 | 21 | 13.382 |
| 471 | ce4ai4n | 271 | 12.003 | 25 | 12.997 |
| 486 | cean variants | 255 | 11.294 | 24 | 12.706 |
| 542 | ek[yo] | 255 | 11.294 | 23 | 11.706 |
| 547 | eka | 191 | 8.460 | 20 | 11.540 |
| 556 | cse4y | 578 | 25.600 | 37 | 11.400 |
| 606 | cte4y | 186 | 8.238 | 19 | 10.762 |
| 615 | cean verbs | 213 | 9.434 | 20 | 10.566 |
| 619 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 733 | 32.466 | 43 | 10.534 |
| 679 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 1227 | 54.346 | 64 | 9.654 |
| 697 | eky | 217 | 9.611 | 19 | 9.389 |
| 715 | oi4[dlrsmg \| n] | 1124 | 49.784 | 59 | 9.216 |
| 736 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 519 | 22.987 | 32 | 9.013 |
| 755 | cke4y | 93 | 4.119 | 13 | 8.881 |
| 762 | Detached Class Modifiers | 95 | 4.208 | 13 | 8.792 |
| 789 | dai4n | 1140 | 50.492 | 59 | 8.508 |
| 946 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 445 | 19.710 | 27 | 7.290 |
| 953 | dai4m | 130 | 5.758 | 13 | 7.242 |
| 1039 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 503 | 22.279 | 29 | 6.721 |
| 1068 | c \| cs + e0-4[dlrsmg] | 281 | 12.446 | 19 | 6.554 |
| 1219 | dc-initial | 454 | 20.108 | 26 | 5.892 |
| 1257 | oy | 141 | 6.245 | 12 | 5.755 |
| 1307 | cear verbs | 303 | 13.420 | 19 | 5.580 |
| 1313 | ce4dy | 755 | 33.440 | 39 | 5.560 |
| 1342 | ai4l | 306 | 13.553 | 19 | 5.447 |
| 1358 | [dlrsmg]ai4m | 149 | 6.599 | 12 | 5.401 |
| 1373 | c + e4 + [fptk] Endings | 60 | 2.657 | 8 | 5.343 |
| 47 | c[fptk]e4o-initial & c[fptk]e4y Superclass | 1659 | 48.589 | 115 | 66.411 |
| 128 | cte4[yo] | 406 | 11.891 | 48 | 36.109 |
| 156 | c + c[s \| fptk]e4y | 1624 | 47.563 | 79 | 31.437 |
| 197 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 2060 | 60.333 | 87 | 26.667 |
| 223 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 65.781 | 90 | 24.220 |
| 229 | cteo-initial | 220 | 6.443 | 30 | 23.557 |
| 269 | c[s \| fptk]e4y | 887 | 25.978 | 47 | 21.022 |
| 294 | c[fptk]e4y | 310 | 9.079 | 29 | 19.921 |
| 358 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 623 | 18.246 | 35 | 16.754 |
| 391 | y-initial | 1926 | 56.408 | 72 | 15.592 |
| 427 | ceckey relatives | 377 | 11.042 | 25 | 13.958 |
| 467 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 1227 | 35.936 | 49 | 13.064 |
| 494 | cte4y | 186 | 5.448 | 18 | 12.552 |
| 499 | ce4a | 1009 | 29.551 | 42 | 12.449 |
| 500 | Single-Letter Words | 566 | 16.577 | 29 | 12.423 |
| 528 | cke4[yo] | 172 | 5.038 | 17 | 11.962 |
| 602 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 519 | 15.200 | 26 | 10.800 |
| 620 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 733 | 21.468 | 32 | 10.532 |
| 628 | ce4y | 737 | 21.585 | 32 | 10.415 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 778 | rc-initial | 76 | 2.226 | 682 | dai4n | 1140 | 33.388 | 43 | 9.612 |
| 21 | 969 | o[fptk][dlrsmg] | 68 | 1.992 | 727 | ce4ai4n | 271 | 7.937 | 17 | 9.063 |
| 22 | 1011 | oe4y | 66 | 1.933 | 740 | ea | 1195 | 34.999 | 44 | 9.001 |
| 23 | 1040 | ofc + e0-4 + y \| dy \| o[dlrs]y | 65 | 1.904 | 743 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 445 | 13.033 | 22 | 8.967 |
| 24 | 1135 | oo | 62 | 1.816 | 747 | ek[yoa] | 446 | 13.062 | 22 | 8.938 |
| 25 | 1136 | [yo]c[fp] | 62 | 1.816 | 770 | dc-initial | 454 | 13.297 | 22 | 8.703 |
| 26 | 1137 | cear nouns | 62 | 1.816 | 785 | cean variants | 255 | 7.468 | 16 | 8.532 |
| 27 | 1180 | faceys relatives | 61 | 1.787 | 820 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 503 | 14.732 | 23 | 8.268 |
| 28 | 1212 | [yo][fptk]e4d | 60 | 1.757 | 950 | cke4y | 93 | 2.724 | 10 | 7.276 |
| 29 | 1254 | qo variants | 59 | 1.728 | 958 | Detached Class Modifiers | 95 | 2.782 | 10 | 7.218 |
| 30 | 1380 | a[lr]an | 56 | 1.640 | 1030 | cean verbs | 213 | 6.238 | 13 | 6.762 |
| 31 | 1538 | [fptk][yo]lc | 53 | 1.552 | 1155 | dai4m | 130 | 3.807 | 10 | 6.193 |
| 32 | 1598 | [tk]y | 52 | 1.523 | 1176 | y[fptk]-initial | 1295 | 37.928 | 44 | 6.072 |
| 33 | 1765 | [yo]te4o | 49 | 1.435 | 1206 | o[fptk]c + e0-4y | 753 | 22.054 | 28 | 5.946 |
| 34 | 1938 | [yo]ke4os | 46 | 1.347 | 1236 | o[fptk \| dlrsmg][ao]m | 280 | 8.201 | 14 | 5.799 |
| 35 | 1939 | ep[yoa] | 46 | 1.347 | 1271 | [dlrsmg \| fptk] + ai4[dlrsmg] | 1444 | 42.292 | 48 | 5.708 |
| 36 | 2068 | [yo][fp]y | 44 | 1.289 | 1273 | om + o[fptk \| dlrsmg]am | 454 | 13.297 | 19 | 5.703 |
| 37 | 2225 | [yo][fptk]ce4d | 42 | 1.230 | 1293 | o-axis of [yo][fptk][ao][lr] | 764 | 22.376 | 28 | 5.624 |
| 38 | 2293 | Prefixed Versions of c \| c[s \| fptk] + e4dy | 41 | 1.201 | 1355 | eka | 191 | 5.594 | 11 | 5.406 |
| 39 | 2539 | o[fptk]d | 38 | 1.113 | | | | | | |
| 40 | 2540 | yc + e4o | 38 | 1.113 | | | | | | |
| 41 | 2541 | [yo]cp | 38 | 1.113 | | | | | | |
| 42 | 2733 | Suspected Errata/Difficult to Categorize | 36 | 1.054 | | | | | | |
| | | **[fptk]ai4[dlrsmg \| n] (411)** | | | | | | | | |
| 1 | 134 | lc-initial | 457 | 4.825 | 293 | ai4[dlrsmg \| n] | 1519 | 16.039 | 36 | 19.961 |
| 2 | 199 | ol[yo] | 388 | 4.097 | 367 | ai4[dlrsmg] | 930 | 9.820 | 26 | 16.180 |
| 3 | 319 | oe sans oy + oe4y, oe0-4s | 317 | 3.347 | 485 | ai4[lr] | 782 | 8.257 | 21 | 12.743 |
| 4 | 483 | sai4n | 258 | 2.724 | 534 | ai4r | 483 | 5.100 | 17 | 11.900 |
| 5 | 592 | otol variants | 239 | 2.524 | 920 | ol[tk] | 621 | 6.557 | 14 | 7.443 |
| 6 | 683 | old | 225 | 2.376 | 975 | olk | 557 | 5.881 | 13 | 7.119 |
| 7 | 699 | oly | 222 | 2.344 | 1115 | ce4a | 1009 | 10.654 | 17 | 6.346 |
| 8 | 812 | [yo]ke4od | 207 | 2.186 | 1189 | ceckey relatives | 377 | 3.981 | 10 | 6.019 |
| 9 | 848 | om | 203 | 2.143 | 1348 | cedai4[lrsm \| n] | 527 | 5.565 | 11 | 5.435 |
| 10 | 903 | [fptk] + c \| c[s \| fptk] + e4dy | 196 | 2.070 | 1427 | oi4[dlrsmg \| n] | 1124 | 11.868 | 17 | 5.132 |
| 11 | 988 | et[yoa] | 186 | 1.964 | 1428 | o[fptk]ai4n | 1598 | 16.873 | 22 | 5.127 |
| 12 | 998 | o[fptk][ao]d | 185 | 1.953 | 1436 | ol[dtk] | 842 | 8.891 | 14 | 5.109 |
| 13 | 1052 | [sr]c-Initial | 179 | 1.890 | | | | | | |
| 14 | 1053 | ko | 179 | 1.890 | | | | | | |
| 15 | 1103 | olo | 175 | 1.848 | | | | | | |
| 16 | 1132 | [yo]ce4y + s infixes | 172 | 1.816 | | | | | | |
| 17 | 1228 | [yo]d[ao]i0-4l | 165 | 1.742 | | | | | | |
| 18 | 1297 | [fptk]e0-4y | 161 | 1.700 | | | | | | |
| 19 | 1329 | opce0-4dy | 159 | 1.679 | | | | | | |
| 20 | 1330 | o[fptk]c + e0-4ol | 159 | 1.679 | | | | | | |
| 21 | 1341 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4os | 158 | 1.668 | | | | | | |
| 22 | 1410 | od[ao]i0-4l | 154 | 1.626 | | | | | | |
| 23 | 1497 | [yo]e0-4[fp]e0-4[yo] | 149 | 1.573 | | | | | | |
| 24 | 1623 | yodai0-4l | 143 | 1.510 | | | | | | |
| 25 | 1749 | ke4o | 137 | 1.447 | | | | | | |
| 26 | 1787 | o[fptk]c + e0-4or | 135 | 1.425 | | | | | | |
| 27 | 1835 | odai0-4l | 133 | 1.404 | | | | | | |
| 28 | 1853 | oc[fpt]e4y | 132 | 1.394 | | | | | | |
| 29 | 1888 | [yo]te4o[lr] | 130 | 1.373 | | | | | | |
| 30 | 1954 | [yo][fptk]e4or | 127 | 1.341 | | | | | | |
| 31 | 2261 | et[yo] | 115 | 1.214 | | | | | | |
| 32 | 2314 | otor variants | 113 | 1.193 | | | | | | |
| 33 | 2315 | [yo]ce4y | 113 | 1.193 | | | | | | |
| 34 | 2520 | o[fptk]e4os | 106 | 1.119 | | | | | | |
| 35 | 2625 | sc-initial | 103 | 1.088 | | | | | | |
| 36 | 2756 | [yo]te4ol | 99 | 1.045 | | | | | | |
| 37 | 2884 | [yo]ke4or | 96 | 1.014 | | | | | | |
| 38 | 2920 | l[drs] Prefixes | 95 | 1.003 | | | | | | |
| 39 | 2921 | [yo][fp]o | 95 | 1.003 | | | | | | |
| | | **c \| cs + e0-4[dlrsmg] (281)** | | | | | | | | |
| 1 | 162 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 623 | 4.498 | 432 | [q \| fptk \| dlrsmg] + oi0-4[lr] | 1819 | 13.132 | 27 | 13.868 |
| 2 | 317 | [yo]ce4y + infixed versions | 466 | 3.364 | 478 | oi4[dlrsmg \| n] | 1124 | 8.114 | 21 | 12.886 |
| 3 | 352 | ek[yoa] | 446 | 3.220 | 651 | ai4[dlrsmg \| n] | 1519 | 10.966 | 21 | 10.034 |
| 4 | 468 | do | 383 | 2.765 | 1003 | Single-Letter Words | 566 | 4.086 | 11 | 6.914 |
| 5 | 478 | oce4y + infixed versions | 379 | 2.736 | 1034 | ai4n | 589 | 4.252 | 11 | 6.748 |
| 6 | 484 | ceckey relatives | 377 | 2.722 | | | | | | |
| 7 | 572 | [yo]c[s \| fptk]e4y | 353 | 2.548 | | | | | | |
| 8 | 722 | oc[s \| fptk]e4y | 319 | 2.303 | | | | | | |
| 9 | 859 | [yo]c[fptk]e4y | 294 | 2.122 | | | | | | |
| 10 | 890 | oc[fptk]e4y | 289 | 2.086 | | | | | | |
| 11 | 938 | o[fptk \| dlrsmg][ao]m | 280 | 2.021 | | | | | | |
| 12 | 1106 | ek[yo] | 255 | 1.841 | | | | | | |
| 13 | 1363 | ola | 228 | 1.646 | | | | | | |
| 14 | 1469 | cteo-initial | 220 | 1.588 | | | | | | |
| 15 | 1507 | eky | 217 | 1.567 | | | | | | |
| 16 | 1751 | [yo][fp]a | 200 | 1.444 | | | | | | |
| 17 | 1752 | or[yo] | 200 | 1.444 | | | | | | |
| 18 | 1794 | cectey relatives | 197 | 1.422 | | | | | | |
| 19 | 1875 | eka | 191 | 1.379 | | | | | | |
| 20 | 1876 | [fptk]ai4n | 191 | 1.379 | | | | | | |
| 21 | 1893 | [dlrsmg] + ai4r | 190 | 1.372 | | | | | | |
| 22 | 1943 | et[yoa] | 186 | 1.343 | | | | | | |
| 23 | 2061 | [sr]c-Initial | 179 | 1.292 | | | | | | |
| 24 | 2198 | [yo]ce4y + s infixes | 172 | 1.242 | | | | | | |
| 25 | 2321 | [yo]d[ao]i0-4l | 165 | 1.191 | | | | | | |
| 26 | 2368 | ocke4y | 162 | 1.170 | | | | | | |
| 27 | 2391 | [fptk]e0-4y | 161 | 1.162 | | | | | | |
| 28 | 2441 | opce0-4dy | 159 | 1.148 | | | | | | |
| 29 | 2548 | od[ao]i0-4l | 154 | 1.112 | | | | | | |
| 30 | 2655 | [dlrsmg]ai4m | 149 | 1.076 | | | | | | |
| 31 | 2813 | yodai0-4l | 143 | 1.032 | | | | | | |
| 32 | 2843 | ece Noun | 142 | 1.025 | | | | | | |
| 33 | 2871 | oy | 141 | 1.018 | | | | | | |
| 34 | 2872 | [yo]pa | 141 | 1.018 | | | | | | |
| | | **ce0-4s (165)** | | | | | | | | |
| 1 | 355 | ce4dy | 755 | 3.200 | 259 | ai4[dlrsmg \| n] | 1519 | 6.439 | 28 | 21.561 |
| 2 | 695 | o[fptk]c + e0-4dy | 554 | 2.348 | 450 | ai4n | 589 | 2.497 | 16 | 13.503 |
| 3 | 766 | cedai4[lrsm \| n] | 527 | 2.234 | 714 | oi4[dlrsmg \| n] | 1124 | 4.765 | 14 | 9.235 |
| 4 | 820 | l[fptk] Prefixes | 514 | 2.179 | 774 | ai4[lr] | 782 | 3.315 | 12 | 8.685 |
| 5 | 838 | ote4dy | 509 | 2.158 | 844 | ai4[dlrsmg] | 930 | 3.942 | 12 | 8.058 |
| 6 | 979 | [yo]ce4y + infixed versions | 466 | 1.975 | 1129 | [q \| fptk \| dlrsmg] + oi0-4[lr] | 1819 | 7.711 | 14 | 6.289 |
| 7 | 1017 | om + o[fptk \| dlrsmg]am | 454 | 1.925 | 1205 | ai4r | 483 | 2.047 | 8 | 5.953 |
| 8 | 1019 | lk-initial | 454 | 1.925 | | | | | | |
| 9 | 1227 | [fptk]ai4[dlrsmg \| n] | 411 | 1.742 | | | | | | |
| 10 | 1347 | [yo]d[ao]i0-4[lr] | 393 | 1.666 | | | | | | |
| 11 | 1378 | [fp]c-Initial | 387 | 1.641 | | | | | | |
| 12 | 1415 | do | 383 | 1.624 | | | | | | |
| 13 | 1438 | oce4y + infixed versions | 379 | 1.607 | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 14 | 1454 | ceckey relatives | 377 | 1.598 | | | | | | |
| 15 | 1509 | od[ao]i0-4[lr] | 369 | 1.564 | | | | | | |
| 16 | 1644 | [yo]c[s \| fptk]e4y | 353 | 1.496 | | | | | | |
| 17 | 1685 | yodai0-4[lr] | 348 | 1.475 | | | | | | |
| 18 | 1716 | otar variants | 345 | 1.462 | | | | | | |
| 19 | 1862 | [dlrsmg] + c \| c[s \| fptk] + e4dy | 327 | 1.386 | | | | | | |
| 20 | 1868 | odai0-4[lr] | 326 | 1.382 | | | | | | |
| 21 | 1917 | oa | 321 | 1.361 | | | | | | |
| 22 | 1928 | oc[s \| fptk]e4y | 319 | 1.352 | | | | | | |
| 23 | 2030 | pc-initial | 307 | 1.301 | | | | | | |
| 24 | 2071 | oi | 304 | 1.289 | | | | | | |
| 25 | 2189 | [yo]c[fptk]e4y | 294 | 1.246 | | | | | | |
| 26 | 2233 | oc[fptk]e4y | 289 | 1.225 | | | | | | |
| 27 | 2332 | o[fptk \| dlrsmg][ao]m | 280 | 1.187 | | | | | | |
| 28 | 2383 | od endings + odcey relatives | 275 | 1.166 | | | | | | |
| 29 | 2464 | ceal variants | 269 | 1.140 | | | | | | |
| 30 | 2616 | oi4n Superset | 257 | 1.089 | | | | | | |
| 31 | 2642 | ek[yo] | 255 | 1.081 | | | | | | |
| 32 | 2824 | od endings | 243 | 1.030 | | | | | | |
| 33 | 2887 | otol variants | 239 | 1.013 | | | | | | |
| | | **Consonant Clusters (115)** | | | | | | | | |
| 1 | 34 | [yo][fptk][ao][lr] | 2688 | 7.942 | 361 | ai4[dlrsmg \| n] | 1519 | 4.488 | 21 | 16.512 |
| 2 | 118 | a-axis of [yo][fptk][ao][lr] | 1731 | 5.114 | 569 | ai4[dlrsmg] | 930 | 2.748 | 14 | 11.252 |
| 3 | 267 | [yo]dy endings | 1228 | 3.628 | 610 | ai4[lr] | 782 | 2.310 | 13 | 10.690 |
| 4 | 541 | c[s \| fptk]e4y | 887 | 2.621 | 905 | ai4r | 483 | 1.427 | 9 | 7.573 |
| 5 | 608 | [ao][lr][ao][lr] Pipe/Flow | 843 | 2.491 | 1394 | ai4n | 589 | 1.740 | 7 | 5.260 |
| 6 | 757 | o-axis of [yo][fptk][ao][lr] | 764 | 2.257 | | | | | | |
| 7 | 770 | ce4dy | 755 | 2.231 | | | | | | |
| 8 | 832 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 733 | 2.166 | | | | | | |
| 9 | 836 | ote0-4y | 731 | 2.160 | | | | | | |
| 10 | 1138 | ol[yoa] | 614 | 1.814 | | | | | | |
| 11 | 1263 | o[lr][yo] | 583 | 1.722 | | | | | | |
| 12 | 1288 | cse4y | 578 | 1.708 | | | | | | |
| 13 | 1388 | o[fptk]c + e0-4dy | 554 | 1.637 | | | | | | |
| 14 | 1437 | okal variants | 544 | 1.607 | | | | | | |
| 15 | 1576 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 519 | 1.533 | | | | | | |
| 16 | 1727 | okar variants | 493 | 1.457 | | | | | | |
| 17 | 1748 | [yo]tai0-4n | 490 | 1.448 | | | | | | |
| 18 | 1972 | [yo]d[ao]i0-4n | 450 | 1.330 | | | | | | |
| 19 | 1993 | yodai0-4n | 448 | 1.324 | | | | | | |
| 20 | 2001 | ek[yoa] | 446 | 1.318 | | | | | | |
| 21 | 2004 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 445 | 1.315 | | | | | | |
| 22 | 2118 | otai0-4n | 430 | 1.270 | | | | | | |
| 23 | 2269 | od[ao]i0-4n | 410 | 1.211 | | | | | | |
| 24 | 2282 | odai0-4n | 408 | 1.205 | | | | | | |
| 25 | 2297 | cte4[yo] | 406 | 1.200 | | | | | | |
| 26 | 2337 | ol[oa] | 401 | 1.185 | | | | | | |
| 27 | 2397 | [yo]d[ao]i0-4[lr] | 393 | 1.161 | | | | | | |
| 28 | 2409 | a[lr][ao][lr] | 391 | 1.155 | | | | | | |
| 29 | 2447 | ol[yo] | 388 | 1.146 | | | | | | |
| 30 | 2451 | [fp]c-Initial | 387 | 1.143 | | | | | | |
| 31 | 2486 | do | 383 | 1.132 | | | | | | |
| 32 | 2516 | oce4y + infixed versions | 379 | 1.120 | | | | | | |
| 33 | 2613 | od[ao]i0-4[lr] | 369 | 1.090 | | | | | | |
| 34 | 2745 | [yo][fptk]e4od | 355 | 1.049 | | | | | | |
| 35 | 2771 | [yo]c[s \| fptk]e4y | 353 | 1.043 | | | | | | |
| 36 | 2827 | yodai0-4[lr] | 348 | 1.028 | | | | | | |
| 37 | 2863 | [yo]c + e4o Superclass | 345 | 1.019 | | | | | | |
| 38 | 2865 | otar variants | 345 | 1.019 | | | | | | |
| 39 | 2905 | [yo]te4o[dlrsmg] | 341 | 1.007 | | | | | | |
| 40 | 2928 | [yo][fp][yoa] | 339 | 1.002 | | | | | | |
| | | **dl Consonant Clusters (79)** | | | | | | | | |
| 1 | 101 | [yo][fptk][ao][lr] | 2688 | 5.456 | 1434 | ai4[dlrsmg] | 930 | 1.888 | 7 | 5.112 |
| 2 | 155 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | 2246 | 4.558 | | | | | | |
| 3 | 294 | a-axis of [yo][fptk][ao][lr] | 1731 | 3.513 | | | | | | |
| 4 | 536 | y[fptk]-initial | 1295 | 2.628 | | | | | | |
| 5 | 609 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 1227 | 2.490 | | | | | | |
| 6 | 1048 | oke4dy | 933 | 1.894 | | | | | | |
| 7 | 1156 | c[s \| fptk]e4y | 887 | 1.800 | | | | | | |
| 8 | 1542 | o-axis of [yo][fptk][ao][lr] | 764 | 1.551 | | | | | | |
| 9 | 1657 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4or | 733 | 1.488 | | | | | | |
| 10 | 2313 | ai4n | 589 | 1.195 | | | | | | |
| 11 | 2336 | [yo]ke4o[dlrsmg] | 584 | 1.185 | | | | | | |
| 12 | 2365 | cse4y | 578 | 1.173 | | | | | | |
| 13 | 2434 | Single-Letter Words | 566 | 1.149 | | | | | | |
| 14 | 2455 | okc + e0-4 + y \| dy \| o[dlrs]y | 563 | 1.143 | | | | | | |
| 15 | 2505 | o[fptk]c + e0-4dy | 554 | 1.124 | | | | | | |
| 16 | 2583 | okal variants | 544 | 1.104 | | | | | | |
| 17 | 2936 | okar variants | 493 | 1.001 | | | | | | |
| | | **Detached Class Modifiers (95)** | | | | | | | | |
| 1 | 288 | o[fptk]e4dy | 1444 | 3.524 | 1200 | yodai0-4[lrm \| n] | 832 | 2.031 | 8 | 5.969 |
| 2 | 309 | c \| c[s \| fptk] + e4dy | 1395 | 3.405 | 1210 | oda | 847 | 2.067 | 8 | 5.933 |
| 3 | 574 | o[lr][yoa] | 1044 | 2.548 | 1229 | [yo]d[ao]i0-4[lrm \| n] | 880 | 2.148 | 8 | 5.852 |
| 4 | 739 | oke4dy | 933 | 2.277 | 1382 | y-initial | 1926 | 4.701 | 10 | 5.299 |
| 5 | 748 | ai4[dlrsmg] | 930 | 2.270 | 1421 | o[fptk]c + e0-4y | 753 | 1.838 | 7 | 5.162 |
| 6 | 834 | c[s \| fptk]e4y | 887 | 2.165 | | | | | | |
| 7 | 909 | [ao][lr][ao][lr] Pipe/Flow | 843 | 2.057 | | | | | | |
| 8 | 1032 | eda | 784 | 1.913 | | | | | | |
| 9 | 1035 | ai4[lr] | 782 | 1.909 | | | | | | |
| 10 | 1085 | o-axis of [yo][fptk][ao][lr] | 764 | 1.865 | | | | | | |
| 11 | 1105 | ce4dy | 755 | 1.843 | | | | | | |
| 12 | 1172 | o[lr][oa] | 735 | 1.794 | | | | | | |
| 13 | 1605 | c[s \| fptk]e4dy | 622 | 1.518 | | | | | | |
| 14 | 1640 | ol[yoa] | 614 | 1.499 | | | | | | |
| 15 | 1779 | cse4dy | 585 | 1.428 | | | | | | |
| 16 | 1790 | o[lr][yo] | 583 | 1.423 | | | | | | |
| 17 | 1823 | cse4y | 578 | 1.411 | | | | | | |
| 18 | 1870 | Single-Letter Words | 566 | 1.381 | | | | | | |
| 19 | 1930 | o[fptk]c + e0-4dy | 554 | 1.352 | | | | | | |
| 20 | 1977 | okal variants | 544 | 1.328 | | | | | | |
| 21 | 2082 | cedai4[lrsm \| n] | 527 | 1.286 | | | | | | |
| 22 | 2166 | l[fptk] Prefixes | 514 | 1.255 | | | | | | |
| 23 | 2197 | ote4dy | 509 | 1.242 | | | | | | |
| 24 | 2311 | [yo]tai0-4n | 490 | 1.196 | | | | | | |
| 25 | 2349 | ai4r | 483 | 1.179 | | | | | | |
| 26 | 2449 | o[lr]a | 469 | 1.145 | | | | | | |
| 27 | 2566 | dc-initial | 454 | 1.108 | | | | | | |
| 28 | 2563 | lk-initial | 454 | 1.108 | | | | | | |
| 29 | 2620 | ek[yoa] | 446 | 1.089 | | | | | | |
| 30 | 2691 | or[yoa] | 438 | 1.069 | | | | | | |
| 31 | 2742 | otai0-4n | 430 | 1.049 | | | | | | |
| | | **odo (57)** | | | | | | | | |

| | | | | |
|---|---|---|---|---|
| 1 | 48 | edy | 4981 | 7.294 |
| 2 | 164 | c + e4dy | 3053 | 4.471 |
| 3 | 704 | o[fptk]ai4n | 1598 | 2.340 |
| 4 | 867 | o[fptk]e4dy | 1444 | 2.115 |
| 5 | 868 | [dlrsmg \| fptk] + ai4[dlrsmg] | 1444 | 2.115 |
| 6 | 920 | c \| c[s \| fptk] + e4dy | 1395 | 2.043 |
| 7 | 1164 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 1227 | 1.797 |
| 8 | 1512 | [yo]kai0-4n | 1067 | 1.563 |
| 9 | 1587 | o[lr][yoa] | 1044 | 1.529 |
| 10 | 1610 | [dlrsmg] + ai4[lr] + y-suffix | 1035 | 1.516 |
| 11 | 1729 | okai0-4n | 994 | 1.456 |
| 12 | 1900 | oke4dy | 933 | 1.366 |
| 13 | 2091 | [dlrsmg]ai4[lr] | 875 | 1.281 |
| 14 | 2212 | [ao][lr][ao][lr] Pipe/Flow | 843 | 1.234 |
| 15 | 2219 | ol[dtk] | 842 | 1.233 |
| 16 | 2523 | o-axis of [yo][fptk][ao][lr] | 764 | 1.119 |
| 17 | 2575 | ce4dy | 755 | 1.106 |
| 18 | 2644 | ce4y | 737 | 1.079 |
| 19 | 2652 | o[lr][oa] | 735 | 1.076 |
| | | **o[tk]e0-4y (2042)** | | |
| 1 | 88 | opce0-4y | 111 | 5.823 |
| 2 | 174 | c[fp]e4y + added c-sequences & cfeo-Initial | 84 | 4.407 |
| 3 | 229 | ykai0-4n | 73 | 3.830 |
| 4 | 268 | c[fp]e4y + added c-sequences | 69 | 3.620 |
| 5 | 292 | yd[ao]i0-4[lrm \| n] | 67 | 3.515 |
| 6 | 308 | ydai0-4[lrm \| n] | 65 | 3.410 |
| 7 | 404 | o[fptk]ce4[lrsmg] | 57 | 2.990 |
| 8 | 405 | odo | 57 | 2.990 |
| 9 | 445 | okc + e4or | 54 | 2.833 |
| 10 | 464 | [fptk][yo]lc | 53 | 2.780 |
| 11 | 515 | [fptk] + c \| c[s \| fptk] + e4o | 51 | 2.676 |
| 12 | 563 | [dlrsmg] + c \| c[s \| fptk] + e4o | 49 | 2.571 |
| 13 | 598 | [yo]doi0-4[lrm \| n] | 48 | 2.518 |
| 14 | 666 | ep[yoa] | 46 | 2.413 |
| 15 | 688 | [yo]doi0-4[lr] | 45 | 2.361 |
| 16 | 758 | cean nouns | 43 | 2.256 |
| 17 | 802 | [yo][fptk]ce4d | 42 | 2.203 |
| 18 | 803 | opal variants | 42 | 2.203 |
| 19 | 884 | o + c \| cs + e4or | 40 | 2.098 |
| 20 | 885 | yd[ao]i0-4n | 40 | 2.098 |
| 21 | 886 | ydai0-4n | 40 | 2.098 |
| 22 | 967 | od[fptk \| dlrsmg] | 38 | 1.994 |
| 23 | 968 | yc + e4o | 38 | 1.994 |
| 24 | 1004 | [yo]d[ao]i0-4m | 37 | 1.941 |
| 25 | 1057 | yodai0-4m | 36 | 1.889 |
| 26 | 1184 | [fptk][dlrs] Prefixes | 34 | 1.784 |
| 27 | 1185 | od[ao]i0-4m | 34 | 1.784 |
| 28 | 1186 | odcey relatives | 34 | 1.784 |
| 29 | 1249 | odai0-4m | 33 | 1.731 |
| 30 | 1408 | opc + e4ol | 31 | 1.626 |
| 31 | 1409 | [yo]e0-4do + e4\|i4 + [drn] & cedody | 31 | 1.626 |
| 32 | 1494 | [rs][fptk \| l] | 30 | 1.574 |
| 33 | 1495 | cedam variants | 30 | 1.574 |
| 34 | 1496 | okc + e4ody | 30 | 1.574 |
| 35 | 1810 | cpe4y | 27 | 1.416 |
| 36 | 1907 | cfe4[yo] | 26 | 1.364 |
| 37 | 1908 | o + c \| cs + e4o | 26 | 1.364 |
| 38 | 1909 | a[fptk]y | 26 | 1.364 |
| 39 | 1910 | orcey relatives | 26 | 1.364 |
| 40 | 2010 | b | 25 | 1.312 |
| 41 | 2011 | ofar variants | 25 | 1.312 |
| 42 | 2012 | opor variants | 25 | 1.312 |
| 43 | 2013 | opol variants | 25 | 1.312 |
| 44 | 2151 | odl | 24 | 1.259 |
| 45 | 2152 | [yo]doi0-4[ln] | 24 | 1.259 |
| 46 | 2153 | yd[ao]i0-4[lr] | 24 | 1.259 |
| 47 | 2277 | a[fptk]a | 23 | 1.207 |
| 48 | 2278 | [yo]e4[fp] | 23 | 1.207 |
| 49 | 2279 | [yo]doi0-4r | 23 | 1.207 |
| 50 | 2414 | [yo]doi0-4l | 22 | 1.154 |
| 51 | 2415 | ydai0-4[lr] | 22 | 1.154 |
| 52 | 2587 | olp | 21 | 1.102 |
| 53 | 2588 | cecpey relatives | 21 | 1.102 |

| | | | | | |
|---|---|---|---|---|---|
| 25 | o[tk]e0-4y | 2042 | 107.126 | 187 | 79.874 |
| 44 | [dlrsmg \| fptk] + ai4[dlrsmg \| n] | 3168 | 166.197 | 234 | 67.803 |
| 55 | oke0-4y | 1314 | 68.934 | 130 | 61.066 |
| 82 | [dlrsmg \| fptk] + ai4n | 1724 | 90.443 | 141 | 50.557 |
| 102 | [dlrsmg \| fptk]e0-4y | 735 | 38.559 | 83 | 44.441 |
| 129 | l[fptk] Prefixes | 514 | 26.965 | 63 | 36.035 |
| 135 | lc-initial | 457 | 23.975 | 59 | 35.025 |
| 145 | lk-initial | 454 | 23.817 | 57 | 33.183 |
| 150 | dai4n | 1140 | 59.806 | 92 | 32.194 |
| 214 | [yo][fptk]e4o[dlrsmg] | 924 | 48.474 | 73 | 24.526 |
| 237 | [dlrsmg] + c \| c[s \| fptk] + e4dy | 327 | 17.155 | 40 | 22.845 |
| 249 | [yo]ke4o[dlrsmg] | 584 | 30.637 | 53 | 22.363 |
| 309 | ote0-4y | 731 | 38.349 | 57 | 18.651 |
| 312 | [fptk]e0-4y | 161 | 8.446 | 27 | 18.554 |
| 347 | [dlrsmg \| fptk] + ai4[dlrsmg] | 1444 | 75.754 | 93 | 17.246 |
| 365 | [dlrsmg]e0-4y | 453 | 23.765 | 40 | 16.235 |
| 374 | rai4n | 115 | 6.033 | 22 | 15.967 |
| 441 | [dlrsmg] + ai4[lr] + y-suffix | 1035 | 54.297 | 68 | 13.703 |
| 465 | [dlrsmg]ai4[lr] | 875 | 45.904 | 59 | 13.096 |
| 514 | [yo]ke4od | 207 | 10.859 | 23 | 12.141 |
| 518 | oke4dy | 933 | 48.946 | 61 | 12.054 |
| 546 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 809 | 42.441 | 54 | 11.559 |
| 557 | [yo][fptk]e4od | 355 | 18.624 | 30 | 11.376 |
| 570 | o[fptk]e4dy | 1444 | 75.754 | 87 | 11.246 |
| 593 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 230 | 12.066 | 23 | 10.934 |
| 668 | l-prefix + [fptk]e0-4y | 80 | 4.197 | 14 | 9.803 |
| 713 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 186 | 9.758 | 19 | 9.242 |
| 796 | [yo][fptk]e4o[lr] | 449 | 23.555 | 32 | 8.445 |
| 821 | [yo]ke4o[lr] | 319 | 16.735 | 25 | 8.265 |
| 836 | [yo][fptk]e4ol | 322 | 16.893 | 25 | 8.107 |
| 943 | [yo]ke4ol | 223 | 11.699 | 19 | 7.301 |
| 1063 | [yo]dy endings | 1228 | 64.422 | 71 | 6.578 |
| 1124 | Single-Letter Words | 566 | 29.693 | 36 | 6.307 |
| 1127 | [yo]tai0-4n | 490 | 25.706 | 32 | 6.294 |
| 1134 | [tk]y | 52 | 2.728 | 9 | 6.272 |
| 1239 | [tk]e4dy | 309 | 16.211 | 22 | 5.789 |
| 1343 | otai0-4n | 430 | 22.558 | 28 | 5.442 |
| 1346 | o[fptk]e4os | 106 | 5.561 | 11 | 5.439 |
| 1397 | y + Non-[dlrs] Prefixes | 205 | 10.755 | 16 | 5.245 |
| 1413 | [tk]e4o | 206 | 10.807 | 16 | 5.193 |
| 1439 | [yo][fptk]e4od + y | 284 | 14.899 | 20 | 5.101 |

Table 25.12: Most Significant Order Mappings Keyed to Semantic Categories Relevant to Clause Boundaries[7]

| | Initiators | Planets | Problem/Disorder | Color/Symptom | m | Remedy/Solution | Herbal | Liquid | Section 3 | Anatomical | e[tk][yoa] | o[lr][yoa] Pipe/Flow/Queue | Treatment or Application Verbs | Pharmaceutical Double-Vowels | Primary Verbs | Connectives, Rare, Obscure | Other |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Initiators** | | | | | | | | | | | | | | | | | |
| [tk]e0-4o | ~~[fptk]ai4n~~<br>~~[fptk]ai4[lr]~~ | → oda<br>~~r-axis~~ | ~~e[dlrs]ce4y~~ | | ~~om~~ | → Baths | superset* | superset* | √ | ~~oy + ce4y~~<br>~~ol[dts]~~ | | | | ~~[dlrsmg | fptk] + oi4[dlrsmg | n]~~ | → Prefixed ai$^{0-4}$ | ~~Single-Letter Words~~ | o[tk]e0-4y* |
| [fptk]e0-4y | → [tk]e4o<br>[dlrsmg | fptk]e0-4y* | | | ~~[yoa]c + cedy~~<br>~~Superclass~~ | | | ~~ceclcy relations~~<br>superset* | ~~c | c[s | fptk] + e4dy~~<br>edy* | ~~ol[dts]~~ | ~~o[lr][yoa][lr]~~ | ~~cedai4[lrsm | n]~~ | | ~~oi4[lr]-aidn~~ | ~~c | cs + e0-4[dlrsmg]~~ |
| [fp]c-Initial | → [fptk]ai4n<br>kc-initial* | | o[fptk]c + e0-4 + y | dy | o[dlrs]y*<br>o[fptk]c + e0-4dy*<br>o[fptk]c + e0-4y*<br>[yo]e0-4[fp]e0-4[yo]* | | | | | | | | | | | | |
| [tk]c-Initial | → [fptk]ai4n<br>→ [tk]y<br>[tk]c-Initial*<br>~~tcdn~~ | -n* | o[fptk]c + e0-4 + y | dy | o[dlrs]y*<br>otce0-4dy*<br>-y* | ~~o[fptk]edy~~<br>~~cloud-ancients~~<br>~~[yoa][fptk]c4d~~<br>~~o[fptk]cdoe~~<br>~~[yoa]e0-4[fp]e0-4[yoa]~~<br>~~[yoa][fp]ai0-4[rm]~~<br>~~[yoa]pn~~<br>~~[yoa]dr~~ | superset* | | ol[tk]* | | | | | | | | |
| [tk]e4dy | [tk]e4dy*<br>lk-initial*<br>lc-initial*<br>rc-initial*<br>→<br>[fptk]ai4[dlrsmg | n] (te4dy) | ~~[yoa]c[lrsc]i0-4n~~ | o[fptk]c + e0-4dy* | ~~[yoa]c + cedy~~<br>~~Superclass~~ | o[fptk]e4dy*<br>~~[yoa][fptk]c4o[dlrsmg]~~<br>~~o[fptk][aoe]d~~ | ~~ay endings~~<br>~~ay endings~~ | | edy* | | | ~~o[yoa]~~<br>~~o[lr]y~~<br>~~cloi0-4n~~ | | → Prefixed ai$^{0-4}$ | ~~ce0-4n~~ | o[tk]e0-4y* |
| dc-initial | → [tk]e4dy<br>[tk]c-Initial*<br>dc-initial* | ~~d-axis~~ | olcey* | → –y axis | ~~om~~ | →<br>[yo][fptk]e4o[dlrsmg]<br>→ o[fptk]ai4n<br>o[fptk]e4dy*<br>~~[yoa]e0-4[fp]e0-4[yoa]~~<br>~~[yoa][fp]ai0-4[rm]~~<br>~~[yoa]pn~~<br>~~[yoa]dr~~ | →<br>superset<br>l-axis* | →<br>c[fptk]e4y*<br>superset*<br>~~ceclcy~~ | edy* | | ~~o[lr][yoa][lr]~~<br>~~desire/aversi~~<br>~~relations~~<br>~~o[lr]n~~ | ~~ceal~~ | | Prefixed + ai4n*<br>~~hyprefix + [fptk | dlrsmg]~~<br>~~+ oi4[dlrsmg | n]~~ | ~~Consonant Clusters~~ | → [fptk]e0-4y<br>~~o[tk]cdn~~ |
| l-prefixes | → y-prefixes | → oda | (very little) | | → om | | (very little) | | → c | c[s | fptk] + e4dy, eda | | → o[lr][yoa] | → ce4a<br>→ cedai4[lrsm | n] | oi | → superset | | |
| lc-initial | lc-initial*<br>l[fptk] Prefixes*<br>l-prefix + [fptk | dlrsmg] + ai4[dlrsmg | n]*<br>~~[fptk]ai4n~~ | olcey* | ~~c | c[rsc] + cdc[lr]~~ | ~~om~~ | o[fptk]e4dy*<br>a-axis of<br>[yo][fptk][ao][lr]*<br>~~otce~~<br>~~[yoa][fptk]c4o[~~<br>~~[yoa][fptk]c4od + ye~~<br>~~ed endings + edcey~~<br>~~relations~~<br>~~ed endings~~<br>~~o[fptk][aoe]d~~<br>~~[yoa][fptk]dr4n~~ | ~~ray~~<br>~~ay~~ | edy* | ol[dtk]*<br>~~ok~~ | | ea*<br>~~cedae~~ | | | ~~ce0-4n~~<br>~~Detached~~<br>~~Class~~<br>~~Modifiers~~ | o[tk]e0-4y*<br>~~o[tk]cdn~~ |
| l[fptk]- | l[fptk] Prefixes*<br>l-prefix + [fptk | dlrsmg] + ai4[dlrsmg | n]*<br>[tk]e4dy* | | | o[fptk]ai4n*<br>a-axis of<br>[yo][fptk][ao][lr]* | | | edy* | | | | | ea*<br>ceal* | | | | | |
| y-prefixes | y-initial*<br>[tk]y*<br>~~[fptk][yoa]lr~~ | | → o[dlrs]ce4y<br>-y*<br>olcey*<br>~~edcey~~<br>~~ceey~~ | → –y axis<br>~~y-edy~~ | om* | → o[fptk]e4os | → -o<br>superset* | | [fptk] + c | c[s | fptk] + e4dy | → oy + oe4y | | ~~o[yoa]~~ | | | Prefixed + ai4n* | Single-Letter Words* | |
| [sr]c-Initial | → y[fptk]-initial | | ~~ed endings + edcey~~<br>~~relations~~ | | | →<br>[yo][fptk]e4o[dlrsmg]<br>o[fptk]e4dy*<br>[yo][fptk][ao][lr]* (r-initial)<br>~~olcey~~ | →<br>superset<br>r-axis* | | edy* | ~~ok~~<br>~~old~~ | | ~~o[lr][yoa]~~ | ~~ceal~~<br>~~ceae~~ | ~~oi~~ | → Prefixed ai$^{0-4}$* | | |
| do- | y-initial* | → oda | | | | | superset* | superset* | | | | → o[lr][yoa] | | oi | ai$^{0-4}$ | **→ c | cs + e0-4[dlrsmg]** | |
| Color/Symptom | → l[fptk] Prefixes* | oda* | → weak –y axis only | ~~[yoa]cedy + infixes~~ | | [yo][fptk]e4o[dlrsmg]*<br>~~o[fptk]cdo[lrsm | n]~~ | → superset | c[fptk]e4y* | ~~ce4dy~~ | → ol[dtk] (weak) | ~~cl[yoa]~~ | ~~desire/aversi~~<br>~~relations~~ | ~~cedae~~ | → oa Prefixes (some subsets) | | | |

[7] See p. 152, Vol. II for how to interpret Tables 25.12-15.

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (some subsets) | | ~~[lr]cey~~ | | | ~~[lr]~~<br>~~[lr]axis~~<br>→ o[fptk]e4dy<br>→ o[fptk]ai4n | (strong)*<br>[lr], -o<br>esp. | | | ody<br>endings* | | | | | | | |
| Trailing –y axis Colors<br>[yo]c[fptk]e4y | **→ [tk]e4o**<br>~~[fptk]e0-4y~~ | | | [yo]c[fptk]e4y*<br>[yo]ce4y +<br>infixed versions* | ~~[lr]~~ | ~~[lr]y, [lr]~~ | ~~[lr]axis~~ | ~~[lr]c[fptk]~~<br>~~[lr]dy~~ | | → old | | | ~~[lr]ed~~ | | ~~ai~~ | | o[tk]e0-4y* |
| [yo]ce4y | [tk]c-Initial* | ~~ed[yoa]i0-4[lrsm \| n]~~ | | ~~[yoa]c + e4o~~<br>~~Superclass~~ | | | | | ~~c[ls+[fptk]+ed~~<br>~~[fptk]dy~~ | → **oe0-4s**<br>~~ale~~ | ~~e[lr][yoa]~~<br>~~ed[yoa]~~ | | ~~[lr]ed[lrsm \| n]~~ | | | | |
| m | → [tk]c-Initial<br>tc-initial*<br>→ dc-initial*<br>y-initial*<br>so-*<br>~~l[fptk]~~<br>~~[fp]c-Initial~~<br>~~[fptk]e0-4y~~ | oda esp. n-axis* | → otc + e0-4 + y \| dy \| o[dlrs]y | → most including [lr]*, -o axes<br>superset* | → om*<br>(strong) | → od endings + odcey relatives | | | | → ol[dtk]*<br>→ oe0-4s*<br>~~old~~<br>~~ego~~<br>~~ale~~ | | → o[lr][yoa]<br>→ [ao][lr][ao][lr] | ~~[lr]ed~~ | **→ oa***<br>→ oi | Prefixed + ai4n* | → Single-Letter Words<br>~~ee0-4s~~ | ~~e[tk]e4s~~ |
| **Connectives, Rare, Obscure** | | | | | | | | | | | | | | | | | | |
| c \| cs + e0-4[dlrsmg] | ~~[fptk]e0-4y~~<br>~~[yo]c-Initial~~ | ~~[lr]axis~~ | | ~~y-axis~~ | ~~om~~ | ~~[yoa][fp]n~~ | √ | ~~c[ls+[fptk]~~<br>~~+c4+c[ls]~~<br>~~[fptk]e4y~~<br>~~Superset~~ | | ~~ego~~ | ~~e[lr][yoa]~~ | ~~e[yoa]~~<br>~~ale~~ | | oi4[dlrsmg \| n] | $ai^{0-4}$ | Single-Letter Words | |
| ce0-4s | ~~[fptk]ai4[dlrsmg \| n]~~<br>~~l[fptk] Prefixes~~<br>~~[fp]c-Initial~~ | ~~[lr]axis~~ | ~~e[fptk]c + e0-4dy~~ | ~~y-axis~~ | ~~om~~ | ~~ated~~<br>~~ated~~ | | | | ~~e[lr][yoa]~~ | | → ce4a<br>~~ered~~<br>~~ed[yoa]i4[lrsm \| n]~~ | oi4[dlrsmg \| n]<br>~~ai~~<br>~~oida Superset~~<br>oa | $ai^{0-4}$ | | | |
| c \| cs + e0-4l | → l[fptk]<br>Prefixes | | | | | | | | | | | | | | | | | |

Table 25.13: Most Significant Order Mappings for Main Noun Categories

| | Initiators | Planets | Problem/ Disorder | Color/ Symptom | m | Remedy/ Solution | Ingredients Herbal | Liquid | Section 3 | Anatomical | e[tk][yoa] | o[lr][yoa] Pipe/Flow/Queue | Treatment or Application Verbs | Pharmaceutical Double-Vowels | Primary Verbs | Connectives, Rare, Obscure | Other |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Planet [yo]d[ao]i0-4[lrm \| n] | y-initial*<br>~~[tk]e4dy~~<br>~~[tk]e4o~~<br>~~[tk]y~~<br>~~[fptk]aida~~<br>~~[fptk]e0-4y~~<br>~~l-prefixes~~<br>~~[fptk]e0-4y~~<br>~~[fptk][yoa]le~~<br>~~ego~~ | oda*<br>~~y-initial~~<br>~~planets~~<br>~~oda~~ | | -y axis *<br>~~l axis~~ | om* | ~~ego~~ | -o, -y , -dy endings<br>* | c[fptk]e4o-initial & c[fptk]e4y Superclass*<br>c + c[s \| fptk]e4y* | | [yo]dy endings*<br>oe0-4s*<br>~~ale~~ | | | | ~~aida~~ | | | |
| **Problem/ Disorder** | | | | | | **→ most remedies especially baths** | **→ esp. [lr]-axis** | | | | | | | | | | |
| [yo][fptk \| dlrsmg] + c \| cs + e4o | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n]*<br>[tk]c-Initial*<br>l[fptk] Prefixes*<br>~~ego~~<br>~~[fptk]ai4[dlrsmg \| n]~~ | ~~[lr]~~ | ~~e[fptk]c + e0-4dy~~<br>~~etc + e0-4 + y~~<br>~~[dy + e[dlrs]y~~ | | | o[fptk]ai4n<br>a-axis of [yo][fptk][ao][lr] | | ~~c[ls+[fptk]+c4~~<br>~~+c[ls+[fptk]e4y~~<br>~~Superset~~<br>~~eo[lr]y~~ | | | | ~~[yo][lr][yoa][lr]~~<br>~~ol[yoa]~~ | ~~ecoo~~ | [dlrsmg \| fptk] + oi4[dlrsmg \| n]* | ~~aida~~ | | |
| o[fptk]c + e0-4y | do-*<br>[fptk]e0-4y*<br>dc-initial*<br>~~ed4y~~ | | o[fptk]c + e0-4 + y \| dy \| o[dlrs]cey *<br>o[fptk]c + e0-4o* | ~~yo-c~~<br>~~ede[lr]~~<br>~~yo-dy + c~~<br>~~infixed~~<br>~~versions~~ | om* | o-axis of [yo][fptk][ao][lr]*<br>~~o[fptk]edaida~~<br>~~[yo]l[fptk]eda~~ | ~~o-axis~~<br>~~ego~~ | c[fptk]e4o-initial & c[fptk]e4y Superclass* | ~~eda~~ | [yo]dy endings*<br>~~ala~~<br>~~ale~~<br>~~eo4y~~ | | | | ~~aida~~ | Prefixed $ai^{0-4}$*<br>~~aida~~ | ~~Consonant~~<br>~~Clusters/dl~~<br>~~c[ls+c+0-4l~~ | o[tk]e0-4y* |
| o[dlrs]ce4y | ~~[tk]e4dy~~<br>~~ego~~ | ~~[lr]~~ | ~~e[fptk]c + e0-4dy~~<br>~~ego + e0-4 + y~~<br>~~[dy + e[dlrs]y~~ | | ~~om~~ | ~~ated~~<br>~~[yoa]eda[dlrsmg \| n~~ | ~~o-axis~~ | | | ~~el[da]~~<br>~~ey + eo4y~~ | | ~~ego~~ | ~~ego~~ | | ~~ai4[dlrsmg]~~<br>~~[fptk]~~<br>~~dlrsmg] +~~<br>~~ai4[dlrsmg]~~<br>~~n] + y-suffix~~ | | o[tk]e0-4y* |
| o[fptk]c + e0-4dy | ~~[tk]e4o~~ | | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y *<br>~~e[fptk]c + e0-4dy~~<br>~~e[fptk]c + e0-4~~ | ~~[yoa]c[fptk]~~<br>~~edy~~ | | [yo][fptk][ao][lr]*<br>o[fptk]e4dy*<br>[yo][fp][yoa]*<br>~~[yo]l[fptk]e4o~~<br>~~[yo]eda[lr]~~ | superset<br>esp. -l* | c[fptk]e4o-initial & c[fptk]e4y Superclass*<br>~~c[fp]e4y + added~~<br>~~c + sequence 8~~<br>~~c[c+c]initial~~ | ed[yoa] | ~~ego~~ | | ~~ale~~ | cedai4[lrsm \| n]*<br>~~ered~~<br>~~ecoo~~ | ~~ee~~<br>~~ai~~<br>~~oida Superset~~ | ~~aida~~<br>~~aida~~ | ~~Detached Class~~<br>~~Modifiers~~ | ~~e[dlrsmg]~~<br>~~n~~ |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | ~~dor~~ | | | ~~o[fptk]e4ou~~<br>~~o[fptk]edor~~<br>~~elce~~<br>~~glce0-4n~~ | | ~~c[s | fptk]e4y~~<br>~~c[tk]ed[yoa]~~<br>~~eecdy~~ | | | | | | | | |
| o[fptk]c + e0-4ol | | ~~[ls]~~ | | ~~ote + e0-4 + y \| dy + o[dlrs]y~~<br>~~eleey~~ | | | o-axis of [yo][fptk][ao][lr]*<br>~~[yo][fptk]e4ou~~<br>~~[yo][fptk]edor~~<br>~~ey~~<br>~~otce, otel, elce~~<br>~~ote0-4n~~ | superset * | c[fptk]e4o-initial & c[fptk]e4y Superclass* | ~~[dlrsmg]~~<br>~~= c + c[s~~<br>~~fptk] =~~<br>~~eddy~~ | ~~elk~~ | ~~el[yoa]~~ | ~~e[lr][ao][lr]~~<br>~~e[ls]e~~<br>~~el[ao]~~ | | | Prefixed ai$^{0-4}$*<br>~~aide~~<br>~~aide~~<br>~~aside~~ | ~~c + cs + e0-4~~<br>~~d[dlrsmg]~~ | |
| o[fptk]c + e0-4or | | ~~maxis~~ | ~~o[fptk]c + e0-4dy~~ | ~~superset~~ | | ~~[yo][fptk]edo[dlrsmg]~~<br>~~[yo]le0-4n~~<br>~~elce~~ | superset esp. -r* | ~~superset~~<br>~~eeclcey~~ | ~~c + c[s~~<br>~~fptk] =~~<br>~~eddy~~ | oe0-4s | | ~~e[ls]e~~ | ~~edo~~<br>~~eedoi4[lrsm]~~<br>~~n]~~<br>~~eeee~~ | | | Prefixed ai$^{0-4}$* | | |
| o[fptk]c + e4od | | | | | | ~~[yo][fptk][ao][lr]~~<br>~~i~~ | ~~superset~~ | ~~superset~~ | | | | | | | | | | ~~e[tk]e0-dy~~ |
| o[fptk]c + e4ody | | ~~[dlrsmg]~~<br>~~fptk]e0-dy~~ | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y * | | | ~~[yo]le0-4n~~ | | ~~superset~~ | ~~c + c[s~~<br>~~fptk] =~~<br>~~eddy~~ | ~~el[ddk]~~ | | | ~~eedoi4[lrsm]~~<br>~~n]~~ | | | ~~ed[dlrsmg]~~ | | |
| o[fptk]c + e4os | | | | | | ~~[yo][fptk][ao][lr]~~<br>~~i~~ | | | | ~~el[yoa]~~ | | | | | | ~~Prefixed ai$^{0-4}$*~~<br>~~s~~ | | |
| **Remedy/Solution** | | | | | | | | | | | | | | | | | | |
| o[fptk]eda[lrsm \| n] | | ~~[fptk]e4ity~~<br>~~[tk]e4ity~~<br>~~[tk]edy~~<br>~~de-initial~~<br>~~de~~<br>~~le-initial~~ | | ~~eleey~~<br>~~o[fptk]c + e0-4dy~~<br>~~eleey~~<br>~~ele+0-dy~~ | | ~~[yo]le0-4n~~<br>~~elce1 - assimate~~ | | ~~c[s \| fptk]e4y~~<br>~~ete4[yoa]~~ | ed[yoa]*<br>~~[dlrsmg]~~<br>~~= c + c[s~~<br>~~fptk] =~~<br>~~eddy~~ | ~~ed~~<br>~~endings~~<br>~~oe0-4s~~ | ~~el[yoa]~~ | o[lr][oa]*<br>[ao][lr][ao][lr] *<br>~~e[ls]e~~ | ~~eeee~~<br>~~eeee~~ | ~~oe~~ | →ai$^{0-4}$* but not n | | |
| Baths | | [sr]c-Initial*<br>[tk]e4dy*<br>lc-initial*<br>~~[fptk][dlrs]~~<br>~~Prefixes~~<br>~~[tk]e~~<br>~~edo~~<br>~~y + Non-[dlrs]~~<br>~~Prefixes~~ | ~~y-prefixes~~<br>~~maxis~~<br>~~edo~~ | o[fptk]c + e0-4dy*<br>opc + e0-4 + y \| dy \| o[dlrs]y*<br>~~maxis~~<br>~~el + c + cs + edo[lr]~~<br>~~edo[lr]~~<br>~~o[fptk]ce4[lrsmg]~~<br>~~edoey-relatives~~<br>~~aide~~<br>~~e[tk] + edody~~<br>~~ele + edoe~~<br>~~ete + edody~~<br>~~ete + edot~~ | → Superset<br>~~[yo]eedy~~<br>~~c + c + cs + edo[lr]~~<br>~~edo[lr]~~<br>~~eclcdy~~<br>~~eeedy~~<br>~~ye + edo~~<br>~~ye + edo[lr]~~<br>~~ye + edot~~<br>~~ye + edoe~~<br>~~ye[s]~~<br>~~fptk]edy~~<br>~~yeedy~~<br>~~yeedy + infixed versions~~<br>~~yeedy + infixes~~<br>~~yeedy~~ | → om | →most other remedies (less so on o[fptk]ai$^{0-4}$n)<br><br>→o[fptk]eda[lrsm \| n]*<br>o[fptk]ai4n*<br>o[fptk]e4dy*<br>[yo][fptk][ao][lr]* esp. a-axis<br>[yo][fptk]e4d*<br>~~[yo][fptk]y, [yo]le~~<br>~~[yo]le4oo~~<br>~~eee~~ | ~~ed + ely, ey, ee~~ | ~~c[tk]e4[yoa] ctce + initial~~ | | ~~e[tk]e~~<br>~~ef[yoa]~~ | ~~ney~~ | cea[lrn] nouns/verbs | →oi<br>~~aide~~ | | →c \| cs + e0-4s | o[tk]e0-4y*<br>~~edy~~<br>~~c + ed + [fptk]~~<br>~~Nouns~~<br>~~Double-c Sequence~~<br>~~Nouns~~<br>o[fptk][dlrsmg] |
| o[fptk]ai4n | y[fptk]-initial*<br>~~[fptk \| dlrs]~~<br>~~prefixes~~<br>~~dae~~<br>~~[fptk][dlrs]~~<br>~~Prefixes~~<br>~~[fptk][yo]le~~<br>~~[ye][fptk \| l]~~<br>~~[e-initial]~~<br>~~pronouns~~<br>~~aside~~<br>~~re-initial~~<br>~~edo, le~~ | | ~~ote + edody~~<br>~~eleey~~ | ~~c + c[s + cs + edo~~<br>~~yee + edo~~<br>~~ol + c[s + cs + edo[lr]~~ | | →a[dlrsmg] am* | →a-axis of [yo][fptk][ao][lr]*<br>[yo][fptk][ao][lr]*<br>o[fptk]ai4n*<br>ote4dy*<br>~~o[fptk]e4ou~~<br>~~o[fptk]edor~~<br>~~epol-assimate~~<br>~~epee-assimate~~<br>~~eee~~<br>~~[yo]le4oo~~<br>~~[yo]pe~~<br>~~[yo]le4o[ls]~~ | →trailing o-axis<br>~~ey, eee~~<br>~~eee~~<br>conflict | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset*<br>c + c[s \| fptk]e4y*<br>c[fptk]e4o-initial &<br>c[fptk]e4y Superclass*<br>ceckey*<br>cectey*<br>~~ele4[yoa]~~ | ed[yoa]*<br>~~c[fptk]e4dy~~<br>~~Prefixed Versions~~<br>~~of c + c[s + [fptk] =~~<br>~~eddy~~ | ol[dtk]*<br>ol[tk]*<br>olk*<br>~~elk~~<br>~~elk~~<br>~~ey + eedy~~ | →et[yoa]*<br>ek[yoa]*<br>~~ef[yoa]~~<br>~~elo~~ | →or[yo] | cea, ea*<br>ceal, cear* | →oi<br>oi4[dlrsmg \| n]* | →ai$^{0-4}$* but not n | ~~Detach~~<br>~~ed~~<br>~~Class~~<br>~~Modifi~~<br>~~ers~~ | ~~ed[fptk]~~<br>~~dlrsmg]~~<br>~~=~~ | |
| [yo][fptk]e4o [dlrsmg] | | ~~y-prefixed~~ | ~~maxis~~<br>~~o[fptk]c + e0-4~~<br>~~+ y + dy +~~<br>~~o[dlrs]y~~<br>~~ote + edo[lr]~~<br>~~o[tp]e0-4dy~~ | [yo]ce4y + infixed versions*<br>~~[yo]l[fptk]~~<br>~~[yo]c[fptk]~~<br>~~[yo]eedy~~<br>~~yee + edo[lr]~~<br>~~yeedy + infixed versions~~ | ~~elem~~<br>~~o[dlrsmg]mm~~ | [yo][fptk]e4o[dlrsmg]* esp. –d/-dy<br>o-axis of [yo][fptk][ao][lr]*<br>esp.okol<br>o[fptk]e4os*<br>→[yo][fptk]e4o<br>→o[fptk]ai4n<br>~~o[fptk][ao]s~~<br>~~o[fptk]edo4n~~ | superset*<br>~~maxis~~ | ~~c[fp]e4y + ndded c sequence & cfro-initial~~ | ~~deedy~~<br>~~relatives~~ | [yo]dy endings*<br>oe0-4s* | ~~e[tk]e~~<br>~~ele~~<br>~~e[yoa]~~ | o[lr][yoa]* | ~~eedaiin~~<br>~~eeee~~<br>~~eeee~~ | oa* | ai$^{0-4}$*<br>~~[dlrsmg] + aide~~ | ~~dl~~<br>~~Conso~~<br>~~nant~~<br>~~cluster~~<br>~~s~~ | o[tk]e0-4y*<br>~~Double-c Sequence~~<br>~~Nouns~~<br>~~o[fptk] endings~~<br>~~e[ls][fptk]~~ |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| o[fptk]o | | | | | [dtk][aoa]; [yo]pa<br>→o-axis of [yo][fptk][ao][lr]*<br>[yo][fptk]e4o[dlrsmg]<br>[yo][fptk][ao][lr]<br>o[fptk]aidn<br>o[fptk]eddy | | | c | c[s | fptk] | eddy | ol[dtk] | | | oi4[dlrsmg | n] | oi$^{Pl}$* but not n, mostly [lr] | | |
| [yo][fptk]e4od + y | [fp]e-Initial<br>[fptk]oi4[dlrsmg | n]<br>[fptk]e0-4y<br>le4dy<br>re-initial<br>y + None<br>[dlr]<br>Prefixes<br>[ch]e-Initial | | o[dlrs]ce4y<br>Superset<br>o[fptk]e + e0-4dy<br>o[fptk]e + e0-4dy<br>o[fptk]e + e0-4dy<br>o[fptk]e + e0-4dy<br>ope + e0-4d + y + dy +<br>o[dlrs]y<br>ooxis<br>oleeyy | | | [yo][fptk][ao][lr]<br>→o[fptk]ai4n (weaker)<br>[yo][fptk]e4o[dlrsmg]*<br>[yo]ke4o* | | ceetey<br>eteoinitial | | →ol[ds], →ol[dtk] (weaker) [yo]dy endings* | [fptk][yoa] | | eeee<br>eeee<br>eedai<br>eedaiin | | dlrsmg] + aide<br>aidi | | o[tk]e0-4y* |
| o[fptk]ody | [dlrsmg]<br>[fptk]e0-4dy<br>[dt]e-Initial | | | | | | ooxis | eedy | e[ts]<br>fptk]eddy | [yo]dy endings* | | o[le][yoa]<br>[ao][lr][ao][lr] | eedy | oi<br>superset | oi$^{Pl}$ | Single-Letter Words | |
| [yo][fptk]e4od | y[fptk]-initial*<br>[fp]e-Initial<br>[fptk]oi4[dlrsmg | n]<br>[fptk]e0-4dy<br>le4dy<br>re-initial<br>y + None<br>[dlr]<br>Prefixes | | o[dlrs]ce4y<br>Superset<br>o[fptk]e + e0-4dy<br>o[fptk]e + e0-4dy<br>o[fptk]e + e0-4dy<br>o[fptk]e + e0-4dy<br>ope + e0-4d + y + dy +<br>o[dlrs]y<br>ooxis | [yo]ce4y + infixed versions* | | [yo][fptk]e4o[dlrsmg]* esp. –od/-ody/-ol/[yo]ke4o<br>otee | | ceetey<br>eteoinitial | | [yo]dy endings* | [fptk][yoa] | →o[lr][oa]<br>ee[yoa] | eeee<br>eeee<br>eedai<br>eedaiin | oi<br>aide<br>Superset | [dlrsmg] + aide<br>aidi | Common Clusters | o[tk]e0-4y* |
| o[fptk][ao]d | [dlrsmg]e0-4dy<br>[fp]e-Initial<br>[fptk]oi4[dlrsmg | n]<br>[dt]e-Initial<br>de-initial<br>le4dy<br>le-initial<br>Lprefixes<br>[fptk]<br>dlrsmg]+<br>oi4[dlrsmg+<br>n] | →most oda* | | | o[fptk][ao]d* | | e[fptk]eddy | [dlrsmg]<br>+ e + [ts]<br>fptk]<br>eddy | [yo]dy endings* | | [ao][lr][ao][lr]<br>e[le]dy<br>ee[yoa] | eedy | | aide<br>y-suffixed | e + cs +<br>edy<br>d[dlrsmg] | |
| [yo][fptk][ao][lr] | [fptk+[dlrs]<br>prefixesstr<br>dnim_dn]<br>[fptk][dlrs]<br>Prefixes<br>[fptk][yo]le<br>[fptk]e0-4dy<br>[yo][fptk+]l<br>[dt]y<br>n<br>Lprefixes<br>[fptk]e0-4dy<br>re-initial | →oda | o[ce0-4dy<br>ope + eddy<br>ote + eddy | [yo]e + eddy;<br>[yo]e[fp];<br>o + e + cs + eddy | om* | [yo][fptk][ao][lr]* esp. a-axis<br>[yo]pa*<br>ofee | →some<br>ee, eem<br>eeee | →(very little) ce4y, cse4y*<br>cectey*<br>eeeeey | ed[yoa]* | ol[dtk]*<br>ol[tk]*<br>olk* | | →some a[lr][ao][lr]* | | →oo + oe4o*<br>oi4[dlrsmg \| n]* | superset but not n, mostly [lr] | →Consonant Clusters/dl * c \| cs + e0-4[dlrsmg]* esp. d<br>e + cs + e0-4de | edy<br>e + ce4 + [fptk]e<br>Nouns<br>eperfin<br>exceptions |
| o-axis of [yo][fptk][ao][lr] | dp-*<br>[fptk+[dlrs]<br>prefixesstr<br>dnim_dn]<br>[fptk][yo]le<br>[fptk]oi4[dlrsmg | n]<br>[fptk]e0-4y<br>[ae]e-Initial<br>[dt]y<br>re-initial<br>se-initial<br>eddy<br>leee | superset* esp. [lr] | eeooxis<br>o[fptk]oce4[dlrsmg]<br>ofe + e0-4 + y + dy +<br>o[dlrs]y | [yo]e[fp];<br>[yo]eedy;<br>[yo]e4 + e + [fp];<br>o + e + cs + eds[lr]; | o[dlrsmg]aan | →o[fptk]ai4n<br>→otar variants*<br>o-axis of [yo][fptk][ao][lr]*<br>okol*<br>[yo][fptk]e[yo][fp]<br>[yo]e0-4[fp]e0-4[yo]ce0-4[fp]oce0-4[lr]<br>[yo][fptk]e4o;<br>o[fptk]a<br>o[fptk][ao]a<br>o[fptk]eeee | superset* esp. [lr] –y<br>ee, eem<br>eeee<br>eee initial | c + c[s \| fptk]e4y*<br>eeequeence + ed + [fptk] + ee<br>sequence + ed + ty<br>eeequence + ed + [fptk] + ed + ty | c \| c[s \| fptk] + e4dy* | ol[dtk]*<br>ol[tk]*<br>olk*<br>eedy | e[fp][yoa] | | | oi* | [dlrsmg \| fptk] + ai4n* | e + cs + e0-4t<br>dt<br>Common Clusters | e[le][fptk]<br>e[le]ee<br>e + e4 + [fptk]<br>Endings<br>fneeyeeleteeee |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ~~l-prefix + [fptk]e0-4dy~~<br>~~[fptk + dlrs]~~<br>~~prefixes to~~<br>~~dsiin~~<br>~~[fptk][dlrs]~~<br>~~Prefixes~~<br>~~[fptk][yo]l+~~<br>~~[fptk]e0-4dy~~<br>~~[yo][fptk + l]~~<br>~~[tk]dy~~<br>~~no initial~~<br>~~l-prefix + [fptk]e0-4dy~~<br>~~n~~ | | | | | | ~~olel~~ | | | | | | | | | | |
| a-axis of [yo][fptk][ao][lr] | ~~no axis~~ | | ~~ofce0-4dy~~<br>~~ele + cdedy~~<br>~~ele + cdee~~<br>~~ete + cde~~<br>~~ete + cdel~~ | ~~ce + c + cs + cde~~<br>~~ccedy~~<br>~~[yo]c + cdedy~~<br>~~[yo][fp]~~ | om* | [yo][fptk][ao][lr]* esp. a-axis<br>~~[yo][fptk]y~~ ~~[yo]fo~~<br>~~[yo][fptk]cde~~<br>~~[yo]cdee~~<br>~~ofce variants~~ | ~~no, com, ~~<br>~~cey, cees~~ | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y<br>Superset*<br>c \| c[s \| fptk] + e4 + c[s \| fptk]e4y<br>Superset*<br>cectey*<br>~~c[fp]e4y ~~<br>~~added to~~<br>~~sequences~~<br>~~cpe4[yo]~~<br>~~cedy~~ | ed[yoa]*<br>~~Prefixes~~<br>~~Versions~~<br>~~ofc + [ofc + [fptk] ~~<br>~~eddy~~ | ~~olk~~ | eky*<br>~~ele~~ | | cear*<br>ce4a*<br>~~ecel-nouns~~ | oi4[dlrs mg \| n]*<br>~~eide~~ | superset* esp. [lr] | c \| cs + e0-4[dlrs mg]<br>esp. d* | ~~edy~~<br>~~c + c4 + [fptk]~~<br>~~Nouns~~ |
| o[fptk][ao]s, o[fptk]e4os | ~~[dlrsmg]~~<br>~~fptk]e0-4dy~~<br>~~[dlr-initial~~<br>~~[fp]-initial~~<br>(eo)<br>~~[fptk]ai4[dlrs mg \| n]~~ (eo)<br>~~dc-initial~~ (eo)<br>~~lc-initial~~(eo) | ~~ede~~ | | o[fptk]c + e0-4dy (eo)<br>otc + e0-4 + y \| dy \| o[dlrs]y (eo) | ~~om~~(ao) | ~~[yo]lai0-4n~~<br>~~oraxis of~~<br>~~[yo][fptk][ao][lr]s~~(ao)<br>~~olne variants~~<br>(eo)<br>~~o[tk]e4dy~~ (eo) | →superset<br>~~Lexis~~ (ao) | ~~c + c[s + fptk] + e4 + c[s + fptk]e4y~~<br>~~Superset~~<br>~~c[fptk]e4ou~~<br>~~mind &~~<br>~~c[fptk]e4y~~<br>~~Superclass~~ (ao)<br>~~cedy~~ (ao)<br>~~ceeley~~( eo)<br>~~cte4[yo]~~(eo) | ~~c[s + fptk]e4y~~ | oe0-4s*<br>~~[yo]dy~~<br>~~endings~~ | ~~ek[yoa]~~<br>(eo) | ~~[ao][lr][ao][lr]~~<br>(ao)<br>~~ek[lr][yoa]~~ (ao)<br>~~ek[yoa]~~ (eo)<br>~~ek[yoa]~~(eo) | ~~ce, ceda~~<br>(eo) | →oi<br>~~[dlrsmg + fptk] + ~~<br>~~ed[dlrs mg \| n]~~<br>(ao) | →ai$^{0-4}$* * (both)<br>~~neice~~ | | ~~o[tk]e0-4y~~(oa) |
| osa | →y-initial<br>~~[dlrsmg]~~<br>~~fptk]e0-4dy~~ | | | | | | | ~~c + c[s + fptk] + e4 + c[s + fptk]e4y~~ | ~~c[s + fptk]e4ou~~ | ~~oe0-4s~~ | | →o[lr][yoa] | | | ~~superset~~ | ~~superse ne~~ | ~~ele0-4y~~ |
| [yo][fp][yoa] | y-initial*<br>[~~fptk]ai4[lr]~~<br>~~[fptk]e0-4dy~~<br>~~[yo]-initial~~<br>~~[tk]c-initial~~<br>~~[tk]e4dy~~<br>~~[tk]e4n~~<br>~~no initial~~<br>~~lc-initial~~<br>~~dce~~<br>~~ace~~<br>~~l-prefix + [fptk + dlrsmg] + ai4[dlrsmg \| n]~~ | | opc + e0-4 + y \| dy \| o[dlrs]y*<br>~~o[dlrs]ce4y~~<br>~~Supersets~~<br>~~o[fptk]c + e0-4ne~~<br>~~ne~~<br>~~elcey~~<br>~~ofce0-4dy~~ | ~~oc[fptk]e4y~~ | ~~om~~ | [yo][fp][yoa]*<br>[yo][fp]ai0-4[rn] *<br>~~[yo][fptk]e4ou~~<br>~~[yo]lc4o[lr]~~<br>~~olel~~<br>~~olel~~ | ~~ace~~ | ~~c + c[s + fptk] + e4 + c[s + fptk]e4y~~<br>~~Superset~~<br>~~cec[tk]esp~~<br>~~relations~~<br>~~c[tk]e4[yoa]~~ | | ~~oy + cedy~~ | ~~ele~~<br>~~e[yoa]~~ | →o[lr][yoa],<br>→[ao][lr][ao][lr]<br>o[lr][yoa]*<br>~~dsiin relations~~<br>~~relations~~ | ~~ecee~~<br>~~ecee~~ | superset* | | |
| **Anatomical** | | | | | | | | | | | | | | | | |
| oy + oe4y | [tk]e4o*<br>~~fptk]ai4[lrsm]~~<br>~~fl-y-suffixes~~<br>~~lc4dy~~ | | →o[dlrs]ce4y<br>→olce0-4y | | | →**o[fptk]ai4n**<br>~~[yo]ne0-4n~~<br>~~[yo][fp][yoa]~~ | → **superset** | superset*<br>~~cecey~~ | | [yo]dy endings*<br>~~ol[tk]~~ | ~~ele, edy~~ | →a[lr][ao][lr]<br>~~o[lr]n~~<br>~~en[yoa]~~ | ~~ecee~~<br>~~ecee~~<br>~~ecdsiin~~ | | →ai$^{0-4}$<br>~~ai4l~~<br>~~dcide~~ | | ~~nil0~~<br>~~d[dlrsmg][dlrs mg]~~ |
| oe0-4s | y-initial*<br>~~[fptk + dlrs]~~<br>~~prefixes to~~<br>~~dsi4[lrsm \| n]~~<br>~~[fptk]ai4[dlrs mg \| n]~~<br>~~[fptk]e0-4y~~<br>~~[tk]e4dy~~<br>lo<br>l[drs]<br>Prefixes<br>l-prefix + [fptk]e0-4y | ~~y-prefixed~~ | ~~ete + cdel~~<br>~~ofce0-4y~~<br>~~ofc + e0-4 + y \| dy \| o[dlrs]y~~<br>~~opce0-4dy~~ | -y axis*<br>~~[yo]c + cddy~~<br>~~[yo]cedy~~<br>~~oce4y + infixes~~ | ~~[dlrsmg]ai4n~~<br>~~n~~<br>~~n[dlrsmg]am~~ | ~~otel, otel, otel~~<br>~~ne0-4[fp]ne0-4[lr]~~ | superset*<br>esp. –dy, -s | c + c[s \| fptk]e4y*<br>c[fptk]e4o-initial &<br>c[fptk]e4y<br>Superclass*<br>c[s \| fptk]e4y*<br>~~c[fp]e4y ~~<br>~~added to~~<br>~~sequences~~ | ~~cedy~~<br>~~superset~~ | [yo]dy endings*<br>~~ol[tk]~~ | →ol[tk]<br>[yo]dy endings*<br>oe0-4s* | ~~c-initial~~<br>~~ete~~ | [ao][lr][ao][lr]* | ~~ecee nouns~~<br>~~eedel~~ | oi*<br>oi4[dlrs mg \| n]* | ai$^{0-4}$*<br>~~neidel~~ | ~~di~~<br>~~Comm~~<br>~~nent~~<br>~~clusters~~ | ~~c[lr]l[fptk]~~<br>~~c[fptk][dlrsmg]~~ |
| ol[ds] | dc-initial*<br>y-initial*<br>so*<br>~~[fp]-initial~~<br>~~[fptk]ede~~<br>~~[fptk]e0-4y~~<br>~~[tk]e4n~~<br>~~lc4dy~~<br>~~lk-initial~~<br>~~l-prefix + [fptk + dlrsmg]ai4[dlrsmg \| n]~~ | | o[fptk]c + e0-4or*<br>~~opc + e0-4 + y \| dy \| o[dlrs]y~~<br>~~opce0-4dy~~<br>~~ofce0-4dy~~ | superclass* | ~~[dlrsmg]ai4n~~<br>~~n~~<br>~~n~~<br>~~om~~ | [yo][fptk][ao][lr]*<br>[yo][fptk]e4o[lr]*<br>~~[yo][fptk]e4ou~~<br>~~[yo][fptk]e4ou~~<br>~~[yo]~~ | ~~cede~~ | ~~cecey~~<br>~~relations~~<br>~~cte4[yoa]~~ | | →**ol[tk]** | ~~ek[yoa]~~ | o[lr][yoa]* | ~~ecdsiin~~<br>~~eedel~~ | | ~~c + cs + e0-~~<br>~~d[dlrs mg]~~ | |
| ol[dtk] | →l-prefixes<br>l[fptk] Prefixes*<br>l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n]* | ~~rede~~ | o[fptk]c + e0-4or*<br>~~o[fptk]c + e0-4e~~<br>~~o[fptk]c + cdedy~~ | ~~[yo]c[fp]~~<br>~~[yo]cedy~~<br>~~yecdy + infixed~~ | ~~om~~ | →**[yo][fptk]e4o[lr]**<br>[yo][fptk][ao][lr]*<br>o[fptk]e4dy*<br>[yo]ke4o[lr]* | | ~~cede~~<br>~~elcey~~<br>~~initial~~<br>~~ne~~ | ~~ce~~<br>~~sequence~~<br>~~c + c4 + [fptk]~~ | ed[yoa]* | ol[dtk]*<br>olk*<br>ol[tk]*<br>~~ele~~ | ~~c[tk]n~~<br>~~c-initial~~<br>~~ete~~ | o[lr]y* | | →oa<br>[q \| fptk \| dlrsmg] + oi0-4[lr]* | | ~~rce0-4s~~ | |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ~~{fp}-Initial~~<br>~~{tk}y-~~<br>~~ede~~<br>~~qe-variants~~ | | ~~ele-~~ ~~edel~~ | ~~versions~~ | | ~~{yo}[fptk]e4d~~<br>~~{yo}fn-{yo}pn~~<br>~~ce0-4{fp}ce0-4{lr}~~<br>~~{yo}edel~~<br>~~{yo}edes~~<br>~~o{fptk}edes~~<br>~~epes~~ | ~~ed~~<br>~~eem~~ | ~~ed-~~ ~~ye~~ | | ~~ede~~ | | | ~~eide~~<br>~~ee~~ | | |
| **e[tk][yoa] vs. o[lr][yoa]** | | | | | | | | | | | | | | | |
| o[lr][yoa] | →[fptk]-initiators<br>→dc-initial<br>y-initial*<br>~~#{dc}-Prefixes~~<br>~~1prefix = {fptk}~~<br>~~dl{sm}g{ai4[dlrsmg]ai}~~<br>~~1prefix = {fptk}e0-4y~~<br>~~re-initial~~<br>~~{fptk}{yo}lr~~ | ~~ede~~<br><br>→ l-axis<br>(o[lr]a) | →-y/-dy axes<br>but only t-axis<br>~~o{fptk}ee = ededy~~<br>~~o{fptk}ce4[dlrsmg]~~<br>~~ele = edee~~ | ~~ee4y = ee~~<br>~~infixes~~<br>~~{yo}e{fp}~~<br>~~{yo}ep~~<br>~~{yo}e4{ce = {fp}~~<br>~~ee = e{yo}ee~~<br>~~edee~~ | ~~elem~~ | → **[yo][fp]y**<br>[yo][fptk]e4o[dlrsmg]* esp. internally<br>~~o{fptk}e~~<br>~~o{tk}{ee}e~~<br>~~ees~~<br>~~epes~~<br>~~{yo}{fp}ai0-4{ee}~~<br>~~{yo}fn~~ | ~~ede~~ | ~~ele4y~~ | ~~Prefixed Versions of~~<br>~~#{ce = {fptk} = edd}y~~ | oe4y*<br>some<br>ol[dtk] | ~~ee~~<br>→ek[yoa] (on o[lr][oa], or[yoa]) | r → l<br>internally<br>o[lr][yoa]* | | →ce0-4s<br>relatives<br>~~dl~~<br>~~Consonant~~<br>~~clusters~~ | ~~e{dlrsmg}ie~~<br>~~e{le}~~<br>~~{fp}e~~<br>~~e{le}~~<br>~~ee~~<br>~~d{fp}e{ee}~~<br>~~dee{ee}~~<br>~~Does the~~<br>~~re~~<br>~~Seq~~<br>~~mene~~<br>~~e~~<br>~~Neen~~<br>~~ee~~<br>~~e{fp}~~<br>~~dl~~<br>~~eede~~<br>~~eee~~<br>~~ee{fptk}e~~<br>~~dlrsmg}~~ |
| [ao][lr][ao][lr] | ~~{fptk}{yo}lr~~<br>~~{fptk}e0-4y~~<br>~~{tk}y~~<br>~~#{dc}-Prefixes~~<br>~~1prefix = {fptk}e0-4y~~<br>~~qe-variants~~<br>~~re-initial~~ | odo<br>y-prefixed | ~~ee-axis~~<br>~~edy-axis~~<br>~~o{fptk}ee4[dlrsmg]~~<br>~~ele = edel~~ | ~~{yo}e = ededy~~<br>~~ededy~~<br>~~eeedy~~ | ~~elem~~ | oka1*<br>~~o{fptk}edeide~~<br>~~o{fptk}e~~<br>~~epes~~<br>~~edel~~<br>~~{yo}{fp}ai0-4{ee}~~<br>~~{yo}{fptk}edel~~<br>~~{yo}fn~~<br>~~{yo}edees~~ | ~~prefix~~<br>~~ed = ee~~<br>~~eem~~ | ~~e{fptk}e~~<br>~~poly-group~~<br>~~ir~~<br><br>~~{fptk}edy~~ | →c[s \| fptk]e4dy* | | ~~e{fp}{yo}~~<br>~~ee~~ | [ao][lr][ao][lr]*<br>o[lr][yoa]*<br>→dairol/soral relatives (on a[lr][ao][lr] )<br>~~eee~~ | | oa* | ai$^{0-4}$* | | ~~e{fp}~~<br>~~dl~~<br>~~eede~~<br>~~eee~~<br>~~e{fp}~~<br>~~dl{le}~~<br>~~dlrsmg}~~<br>~~Does the~~<br>~~re~~<br>~~Seq~~<br>~~mene~~<br>~~e~~<br>~~Neen~~<br>~~ee~~<br>~~e{le}~~<br>~~ee~~ |
| dairol/soral relatives | ~~{fptk}ai4[dlrsmg{ai}]~~<br>~~{tk}e4n~~<br>~~1prefix = {fptk}{dlrsmg}~~<br>~~ai4[dlrsmg{ai}]~~<br>~~re-initial~~ | | ~~edeee~~ | ~~{yo}ne0-4n~~<br>~~{yo}ede4o[dlrsmg]~~<br>~~elee~~<br>~~elel~~<br>~~edel~~ | ~~ee~~<br>~~eeee~~ | ~~e{ee}~~<br>~~fptk} =~~<br>~~ed = e{ee}~~<br>~~{fptk}edy~~<br>~~Superee~~<br>~~ere4[yoa]~~ | →c[s \| fptk]e4dy | ~~ed-endings~~ | ~~el[yoa]~~ | →o[lr][yoa]<br>o[lr][oa]*<br>~~o{le}y~~ | ~~eeee~~ | ~~ee~~<br>~~eide Superee~~ | | |
| e[tk]yoa] | | | | | →[yo][fptk]e4o[dlrsmg]<br>→[yo][fptk][ao][lr] | | | | | | →ol[yoa] | | | | |
| et[yoa] | ~~{fp}-Initial~~<br>~~re-initial~~<br>~~dc-initial~~<br>~~#{fptk}-Prefixes~~ | | ~~edeee~~ | ~~eee~~ | ~~elel, elee, elel~~ | ~~eedey~~ | ed[yoa]* | ~~ed-endings~~ | | ~~o{le}y~~<br>~~ol[oa]~~ | | ~~ee~~ | | ~~e{ee = edy~~<br>~~d{dlrsmg}~~ | o[tk]e0-4y* |
| ek[yoa] | ~~#{dc}-Initial~~<br>~~{fptk}e0-4y~~<br>~~#{dc}-Prefixes~~<br>~~edey~~ | | ~~ee-axis~~<br>~~edeee-axis~~<br>~~epee0-4y~~ | ~~{yo}e = ededy~~<br>~~ededy~~ | ~~ee~~<br>~~eeee~~<br>~~{yo}{fp}ai0-4{ee}~~ | [yo][fptk][ao][lr]*<br>o[fptk]ai4n*<br>~~{yo}{fp}ie~~ | | ~~epe4[yoa]~~ | | | ~~o{le}e~~<br>~~elei0-4n~~<br>~~ee{dlrsmg}~~ | | Prefixed ai$^{0-4}$*<br>~~{dlrsmg} = eide~~<br>~~ee4i~~ | | |
| ef[yoa] | | | | | ~~ee-axis of {yo}{fptk}{ao}{lr}~~<br>~~o{fptk}eide~~ | | | | | | | ~~ee~~ | ~~ai$^{0-4}$~~ | | |
| ep[yoa] | | ~~ede~~ | | | | | | ~~e{fptk}e~~<br>~~dee~~<br>~~initial-fk~~<br>~~e{fptk}e~~<br>~~dy~~<br>~~Superele~~<br>~~ee~~ | | | | ~~ee~~ | | | ~~e{tk}e0-4y~~ |

Table 25.14: Most Significant Order Mappings for Suspected Ingredients

| | Initiators | Planets | Problem/ Disorder | Color/ Symptom | m | Remedy/ Solution | Ingredients Herbal | Liquid | Section 3 | Anatomical | e[tk][yoa] | o[lr][yoa] Pipe/Flow/ Queue | Treatment or Application Verbs | Pharmaceutical Double-Vowels | Primary Verbs | Connectives, Rare, Obscure | Other |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Herbal** | | | | | | | | | | | | | | | | | |
| [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] | →some [tk]-initiators<br>→l-prefixes<br>→y-initial<br>[dlrsmg]e0-4y*<br>[fptk]ai4[dlrsmg \| n]*<br>do*<br>lo*<br>~~[fptk \| dlrs] prefixes~~<br>~~dain~~<br>~~[fptk][dlrs] Prefixes~~ | ~~m-axis~~ | →o[dlrs]ce4y *<br>→o[fptk]c + e0-4y<br>~~[yoa][fptk]e4d ofce0-4dy~~ | ~~ce4dy~~<br>~~yce4dy~~<br>oc[fptk]e4y*<br>[yo]c[fptk]e4y*<br>[yo]e4 \| c + [fp]* | ~~ce4dy~~<br>om*<br>dai4m* | [yo][fptk]e4o[lr]*<br>[yo]ke4o[dlrsmg]*<br>o-axis of [yo][fptk][ao][lr]<br>esp. otol*<br>~~[yo]ke4o~~<br>~~o[fptk]e4o[dlrsmg]~~<br>~~o[fptk]e4od~~<br>~~o[fptk]n~~<br>~~ope~~ | whole superset* | c + c[s \| fptk]e4y*<br>c[fptk]e4o-initial &<br>c[fptk]e4y Superclass*<br>c[ptk]e4[yo]* | ~~deedy~~<br>~~relatives~~ | ol[ds]*<br>[yo]dy endings*<br>~~ce4y~~<br>~~elp~~ | ek[yo]*<br>~~eto~~ | o[lr][yoa]*<br>~~dsiosl/sosnl~~<br>~~relatives~~ | →most ea*<br>ce4a + [lrn]* | →oo + oe4o<br>dlrsmg \| fptk] + oi4[dlrsmg \| n]* | Prefixed $ai^{0-4}$<br>~~n~~ | ~~ocoo~~ | ~~n[dlrsmg]n~~<br>~~n[fptk]~~<br>~~n[fptk]d~~ | |
| -o | [tk]c-Initial*<br>[tk]e4o*<br>l[fptk]<br>Prefixes*<br>lc-initial*<br>rc-initial*<br>~~ac-initial~~<br>~~tcddy~~ | | ~~o[fptk] + e0-4oo~~<br>~~o[tk]ce0-4ddy~~ | ~~[yo] + c4dy~~<br>~~[yo]c4 + [fp]~~<br>~~o + c + [yo + c~~<br>~~edo[lr]~~<br>~~ycedy + infixed versions~~<br>~~ycedy + infixes~~ | ~~n[dlrsmg]o~~<br>~~m~~ | ~~[yo][fptk]e4o~~<br>~~[yo][fptk]edoo~~<br>~~[yo]ope~~<br>~~[yo]e4o[lr]~~<br>~~o[fptk]edoo~~ | whole superset* | superset*<br>c[fptk]e4o-initial &<br>c[fptk]e4y Superclass*<br>c[tk]e4[yo]* | ~~edo~~<br>~~deedy~~<br>~~ceddy~~ | [yo]dy endings*<br>oe0-4s*<br>~~ele~~ | ~~e[fp]f[yo]~~<br>~~ne]~~<br>~~e[yoa]~~ | ~~ele0-4o~~<br>~~eoo~~<br>~~eo[dlrsmg]~~ | ~~ecle[lr]~~ | [dlrsmg \| fptk] + oi4[dlrsmg \| n]* | Prefixed $ai^{0-4}$* | Single-Letter Words* | ~~e[tk]e4o~~<br>~~n[fptk] endings~~<br>~~n[dlrsmg]n~~ | |
| -ody | ~~[fptk \| dlrsmg] = ai4[dlrsmg]~~<br>~~n] + y-suffix~~<br>~~[fptk]e0-4y~~<br>~~lc-initial~~ | superset* | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y * | [yo]ce4y + infixed versions*<br>~~[yo]ce4y~~ | ~~m~~ | [yo][fptk][ao][lr]*<br>esp. o-axis, okol<br>[yo][fptk]e4o[dlrsmg]*<br>[yo][fptk]e4od*<br>[yo][fptk]e4od + y*<br>~~o[fptk]edo[lrsm \| n]~~<br>~~otoe-sosnsnl~~<br>~~[yo]ope~~ | -dy, -y endings* | c[fptk]e4o-initial &<br>c[fptk]e4y Superclass*<br>~~ccrtcy~~ | ~~[dlrsmg] = c[s \| fptk] = c4dy~~<br>~~edo~~ | [yo]dy endings* | | ~~e[lr][yoa]~~<br>~~ele0-4o~~ | ~~eedel~~<br>~~eeoo~~ | | ~~ai4l~~<br>~~eoio~~ | ~~c \| ce \| ce0-4d~~<br>~~Consonant Clusters~~ | |
| -od | | | | | | ~~ele4dy~~ | ~~n-axis~~ | ~~e[ss]~~<br>~~[fptk]edy~~ | | | | ol[yoa]*<br>o[lr][yo]* | ~~edo~~ | ~~[dlrsmg \| fptk] = ai4[dlrsmg \| n]~~ | ~~ai4[dlrsmg]~~ | | |
| -ol | [dlrsmg \| fptk]e0-4y*<br>[fptk]ai4[dlrsmg \| n]*<br>[tk]c-Initial*<br>[tk]e4dy*<br>do*<br>lo*<br>~~[fptk \| dlrs] prefixes~~<br>~~dain~~<br>~~[fptk][dlrs] Prefixes~~<br>~~ac-initial~~ | ~~m-axis~~<br>~~m~~<br>~~prefixed~~ | ~~[yoa][fptk]e4d~~<br>~~edeoy~~ | ~~[yo] + c~~<br>~~c4dy~~<br>~~[yo]c4y + c~~<br>~~infixes~~<br>~~o + c + c + c~~<br>~~edoo~~<br>~~yo + edo~~<br>~~yo + edol~~ | dai4m* | [yo]ke4o[dlrsmg]<br>esp. [lr], r*<br>o-axis of [yo][fptk][ao][lr]*<br>~~[yo]fn~~<br>~~[yo]kedoo~~<br>~~[yo]ope~~<br>~~[yo]e4o~~<br>~~o[fptk][ncs]~~<br>~~o[fptk]edoo~~<br>~~o[fptk]edoin~~<br>~~o[fptk]edol~~<br>~~o[fptk]n~~<br>~~o[fptk][nos]~~<br>~~eoo~~ | superset*<br>esp. –[lr],<br>-y, -dy<br>~~e[fptk]e4n~~ | superset*<br>c[fptk]e4o-initial &<br>c[fptk]e4y Superclass*<br>c[s \| fptk]e4y*<br>c[pt]e4[yo]* | [fptk] + c \| c[s \| fptk] + e4dy*<br>~~c[fptk]n~~<br>~~ddy~~<br>~~deedy~~<br>~~edo~~ | [yo]dy endings*<br>~~ceddy~~ | ~~ep[yoa]~~ | ~~dsiosl/sosnl~~ | cean*<br>~~cear-sosnsnl~~<br>~~eedel~~ | [dlrsmg \| fptk] + oi4[dlrsmg \| n]* | *Prefixed ai0-4** | ~~Detached Class Modifiers~~ | ~~e[fptk][dlrsmg]~~<br>~~ed[fptk \| dlrsmg]~~<br>~~n[dlrsmg]n~~<br>~~foreign relatives~~ | |
| -or | ~~[fptk]eide~~<br>~~[tk]e4dy~~<br>~~l-prefix =~~<br>~~[fptk]e0-4y~~<br>~~ac-initial~~<br>~~edo~~ | | ~~o[fptk]c = c4dy~~<br>~~ofc = e0-4 + y~~<br>~~[dy \| o[dlrs]y~~<br>~~ofc = c4 + y~~<br>~~dy \| o + c [lr]~~<br>~~Superset~~<br>~~ele + edoo~~<br>~~ofce0-4ddy~~ | ~~[yo] + c4dy~~<br>~~[yo]c4[fp]~~<br>~~[yo]ycedy~~<br>~~ycedy + infixes~~<br>~~yo + edo[lr]~~ | ~~n[dlrsmg]n~~<br>~~m~~<br>~~elem~~ | o-axis of [yo][fptk][ao][lr]<br>esp. otol*<br>~~[yo][fptk]e4d~~<br>~~[yo]e0-4[fp]e0-4[yo]~~<br>~~ce0-4[fp]ce0-4[lr]~~<br>~~[yo]kedoo~~<br>~~o[fptk]edoo~~<br>~~o[fptk]edo[lrsm \| n]~~<br>~~otoe-sosnsnl~~ | superset*<br>esp. –[lr],<br>-y | superset*<br>c[fptk]e4o-initial &<br>c[fptk]e4y Superclass*<br>c[s \| fptk]e4y*<br>c[tk]e4[yo]* | ~~[dlrsmg] = c \| c[s \| fptk] = c4dy~~<br>~~edo~~<br>~~deedy~~ | ~~ce4y~~<br>~~ele~~ | | ~~eoo[dlrsmg]~~<br>~~dsiosl/sosnl~~<br>~~relatives~~<br>~~ele0-4o~~ | ea, ce4a<br>esp. –n* | ~~eo~~ | | ~~c \| ce \| ce0-4[ll]~~<br>~~Consonant Clusters[ll]~~ | ote0-4y*<br>~~n[dlrsmg]n~~<br>~~n[le]ne~~<br>~~foreign relatives~~<br>~~n[fptk] endings~~ |
| -os | ~~[fptk]ai4[dlrsmg \| n]~~<br>~~[tk]e-Initial~~<br>~~[tk]c4dy~~ | superset* | ~~opc + c0-4 + y~~<br>~~[dy \| o[dlrs]y~~<br>~~otce0-4dy~~ | | | ~~ole4dy~~<br>~~o-axis of~~<br>~~[yo][fptk][ao][lr]~~<br>~~eo[lr]~~ | | superset*<br>c[fptk]e4o-initial &<br>c[fptk]e4y Superclass*<br>~~c[s \| fptk] = c4 + e[s \| fptk]e4dy~~<br>~~Superset~~ | ~~[dlrsmg] = c \| c[s \| fptk] = c4dy~~ | oe0-4s* | o[lr][yoa]* | ~~edo~~ | oi4[dlrsmg \| n]* | ai0-4*<br>esp. n<br>~~but not prefixed aside~~ | ~~c \| ce \| ce0-4[dlrsmg]~~ | |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -om | | superset | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | | | [yo][lm]e0-4m o[fptk]e4dy | superset* | ceckey ce4dy | ce4dy | | | | ce ce4m ceds | oi4[dlrsmg \| n] | ai4[lr] | | | ote0-4y |
| **Liquid** | | | | | | | | | | | | | | | | | | |
| [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | | | | →–y axis | → om | →o[fptk]eda[lrsm \| n] | | | →[dlrsmg] + c \| c[s \| fptk] + e4dy | | | | | | | | | |
| up to & including cec[fptk]e4y | | | →o[fptk]c + e0-4dy | [yo][fp] [yo]ce4dy ceedy | cedom | | | ceey axis | | | | | | | | | | |
| c + c[s \| fptk]e4y | [dlrsmg \| fptk]e0-4y* [fptk]ai4[dlrsmg \| n]* [tk]c-Initial* [tk]e4dy* [tk]e4o, ko* l[fptk] Prefixes* lc-initial* l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n]* qo variants* n [fptk+dlrs] prefixes-to-dor | | o[fptk]c + e0-4y* [yo][fptk]ce4dy cle + cdo cle + cdedy ofce0-4dy | ce[s] [fptk]ddy | cedom otom | o[fptk]ai4n* [yo][fptk]e4o[lr]* [yo]te4o[dlrsmg]* ofce-opce-opce [yo]fn [yo]ecdes | | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y* c[fptk]e4o-initial & c[fptk]e4y Superclass* c[fptk]e4y c[tk]e4[yo]* | Prefixed Versions of c + [c[s \| fptk] + c4dy | →old | | | [dlrsmg \| fptk] + oi4[dlrsmg \| n]* [q \| fptk \| dlrsmg] + oi0-4[lr]* oi* oi4n Superset* ceds | Prefixed ai0-4* | | ao[tk]e0-4y* [fptk]y a[tk]ao a[tk]o-Endings a[fptk]d a[fptk+dlrsmg] ed[ll] ie |
| c[fptk]e4y | ko-* [fptk]e4[lr] [fptk]e0-4y [tk]e4dy [tk]e4dy i-prefix + [fptk + dlrsmg]ai4[dlrsmg \| n] lc-initial | eaeaia | o[fptk]c + e0-4y* o[fptk]c + e0-4dy | | om | o-axis of [yo][fptk][ao][lr]* [yo][fptk]e4o[dlrsmg]* [yo][fp][yoa] [yo]e0-4[fp]e0-4[yoa] o[fptk]eda[lrsm \| n] ole4dy otce | superset* eaeaia | c[fptk]e4o-initial & c[fptk]e4y Superclass* | [fptk] + c \| c[s \| fptk] + c4dy | | ele e[yoa] | →o[lr][yoa] ele0-4de | cedel ceal | [dlrsmg \| fptk] + oi4[dlrsmg \| n]* | Prefixed ai0-4* ai4[dlrsmg] gj | | |
| ce4y | [dlrsmg \| fptk]e0-4y* [fptk]ai4[dlrsmg \| n]* [fptk]e0-4y* [tk]c-Initial* [tk]e4dy* [tk]e4o, ko* l[fptk] Prefixes* lc-initial* l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n]* | eda | ce axis o[fptk] + e0-4ce o[fptk] + cdedy o[fptk]ce4[lrsmg] ofce + e0-4 + y + dy \| o[dlr]y opce0-4dy | [yo]e[fp] [yo]ce4dy [yo]e4 + e + [fp] ce + e + ce + cde[lr] ye + cde[lr] | ceom otom ie | o[fptk]ai4n* but not y-prefixed [yo][fp][yoa] [yo]e0-4[fp]e0-4[yoa] ce0-4[fp]ce0-4[lr] [yo]teeel | ceeda | →larger/more complex liquid sets superset* c[fptk]e4y* | c + c[s] [fptk] + c4dy ddy ddy c[s] [fptk]c4d ie ce4dy ce4dy eda deedy | ele | e[fp][yo] ce] e[tk]y | | ceom ceder | [dlrsmg \| fptk] + oi4[dlrsmg \| n]* [q \| fptk \| dlrsmg] + oi0-4[lr]* eide | Prefixed ai0-4* | c + ce + e0-4d ce0-eda dl-Consonant clusters | o[tk]e0-4y* a[lr]ao a[fptk]y-polygraph Double-o Sequence Nouns |
| cectey | [dlrsmg]e0-4y [fptk + dlrsmg] + ai4[dlrsmg] ej + y suffix [tk]eda | [lr]eaeia | o[fptk]c + e0-4y | [yo]e4y + infixed versions | | o[fptk]e4dy* o[fptk]ai4n* [yo][fptk][ao][lr] esp. a-axis* [yo][fp][yoa] [yo]le4ed ofce | c + c[s] [fptk] + eda | ceedy | ed[yoa]* | el[ds] | el[yoa] | ele | | ceom ceoe | ce ei ile-Superset ce | ai4[lrn] | c + ce + e0-4 d[dlrsmg] | o[tk]e0-4y* |
| ceckey | lc-initial* l[fptk] Prefixes* [tk]e4dy* [fptk]e0-4y le4o, lo y + Noun [dlrs] Prefixes [fptk]-Initial lc-Initial y initial | laeaia | [yo][fptk] dlrsmg] + c + ce + cde o[fptk] + e0-4dce opce0-4dy opce0-4y | [yo] + e4dy ecle4y | deidem ie | o[fptk]ai4n* [yo][fptk][ao][lr] esp. a-axis* o[fptk][ao]d o[fptk]eda[lrsm \| n] ej olce-atce [yo][fp][yoa] [yo]e0-4[fp]e0-4[yoa] | eaeaia | ceckey* ceedy c[fptk]eddy | | edy* [fptk] + c + c[s] [fptk] + c4dy | | | ele eeoe | eeoe-ueche eedesin | ce + ce4e | [dlrsmg \| fptk] + ai4n* [dlrsmg] + ai4[eoe] ai4[eoe] | |
| cecpey cecfey | | | | | | [yo][fptk][ao][lr] | | [fptk + dlrsmg] + c + c[s] [fptk] + c4dy | | ed[yoa]* | | | | | | | | |
| **Section 3 Ingredients** | | | | | | | | | | | | | | | | | | |
| [fptk] + c \| c[s \| fptk] + e4dy | [tk]e4o lkinitial lprefixes [fptk] | [lr] | o[fptk]c + e0-4dy* o[fptk]c + e0-4 + y \| dy \| | superclass | | →[yo][fptk][ao][lr]* esp. a-axis →o[fptk]ai4n →[yo][fp][yoa] | eaeda | c[fptk]e4dy ceeley ce4[yoa] | | ed[yoa]* | →ol[dtk] ol[ds] ed | eeoe eeoe | ele ee[yoa] | | ee | →Prefixed ai0-4* ai0-4* eeide | c + ce + e0-4 d[dlrsmg] ij |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ~~dlrsmg] + ~~<br>~~ai4[dlrsmg ~~<br>~~n]~~<br>~~y + Noun~~<br>~~[dlrs]~~<br>~~Prefixes~~ | | o[dlrs]y *<br>~~olcey~~ | | | [yo][fptk]e4od*<br>[yo][fptk]e4od + y*<br>[yo]te4o[dlrsmg]* | | | | | ~~endings~~ | | | | | ~~Single-Letter Words~~ | |
| c \| c[s \| fptk] + e4dy | lc-initial*<br>l-prefix +<br>[fptk \|<br>dlrsmg] +<br>ai4[dlrsmg<br>\| n]*<br>te4dy* | ~~mmaxis~~<br>~~yd[aoi]i0-dar~~ | →o[fptk]c +<br>e0-4dy<br>→olcey<br>o[fptk]c +<br>e0-4 + y \| dy \|<br>o[dlrs]y *<br>o[fptk]c +<br>e0-4dy*<br>~~olcey~~<br>~~maxis~~ | ~~o+c+[yo+~~<br>~~edal~~<br>~~ecedy + a~~<br>~~infixes~~<br>~~[yo]c+~~<br>~~edcedy~~<br>~~[yo]ecedy~~<br>~~yo + edar~~<br>~~yo + edcl~~<br>~~yo[ts]~~<br>~~[fptk]e4y~~<br>~~yecedy~~ | ~~am~~ | [yo][fptk][ao][lr]<br>esp. a-axis*<br>o[fptk]ai4n*<br>o[fptk]e4dy*<br>o[fptk]eda[lrsm \|<br>n]*<br>~~[yo][fptk]edom~~<br>~~[yo][fptk][yo]~~<br>~~oe0-d[fp]oe0-~~<br>~~d[ts]~~<br>~~[yo][fptk]edar~~<br>~~o[fptk]n~~<br>~~o[fptk] + edcedy~~<br>~~o[fptk] + edcor~~<br>~~ol + c[yo+~~<br>~~edc[ts]~~<br>~~opai0-dar; toi0-~~<br>~~dar~~<br>~~o[fptk] + edcl~~<br>~~aaa~~ | ~~aaa; aaaa~~ | →c[fptk]e4y ce4y<br>~~c[fp]edy + added-on~~<br>~~sequences~~<br>~~c[fp]edy + added-on~~<br>~~sequences 8 - cfeo-initial~~<br>~~cled[yo]~~<br>~~cteo-initial~~<br>~~caedo~~ | c \| c[s \| fptk] + e4dy*<br>superclass* | ~~ala~~ | eda* | ~~aaaa~~<br>~~aaal~~ | | ~~aida~~ | | ~~aae0-dar~~<br>~~dl~~<br>~~c[yo+~~<br>~~edc~~<br>~~dlConsonant~~<br>~~aat~~<br>~~clusters~~ | o[tk]e0-4y*<br>~~faccya~~<br>~~relations~~<br>~~ed[fptk]~~<br>~~dlrsmg]~~<br>~~e[fptk][dlrs~~<br>~~mg]~~<br>~~e[lr]an~~<br>~~e[lr]n~~<br>~~Endings~~ |
| c[fptk]e4dy | | | | | | ~~maxis of~~<br>~~[yo][fptk][aoi][lr]~~ | ~~superset~~ | ~~superset~~<br>~~c[fptk]edo initial 8-~~<br>~~c[fptk]edy Superclass~~<br>~~c[fp]edy + added-on~~<br>~~sequences~~<br>~~c[fp]edy + added-on~~<br>~~sequences 8 - cfeo-initial~~<br>~~ccepcy~~<br>~~c[fk]ed[yo]; cpedy; cteo-~~<br>~~initial~~ | ~~c[s \| c[s \| fptk] + e4dy~~ | | | →o[lr][yo<br>a] | ~~aa~~ | | ~~ai0-d~~ | | | |
| c + e4dy | [fp]c-<br>Initial*<br>[tk]e4dy*<br>l[drs]<br>Prefixes*<br>lc-initial*<br>qo<br>variants*<br>rc-initial*<br>~~lr~~ | ~~mmaxis~~ | o[fptk]c +<br>e0-4 + y \| dy \|<br>o[dlrs]y *<br>o[fptk]c +<br>e0-4dy*<br>[yo][fptk]ce4<br>d*<br>olcey*<br>~~o[fptk]c + ~~<br>~~edcd~~<br>~~olcey~~<br>~~olc + edar~~<br>~~olc + edcedy~~<br>~~o[tk]c + edar~~<br>~~ol + c[yo+~~<br>~~edc[ts]~~ | ~~yo + edar~~<br>~~yo + edcl~~<br>~~yo[ts]~~<br>~~[fptk]e4y~~ | okam*<br>~~okam~~<br>~~mmaxis planets~~<br>~~[yo][fptk]edom~~<br>~~oam herbal~~<br>~~o[fptk]~~<br>~~dlrsmg]e4y~~ | →o[fptk]e4os<br>→o[fptk][ao]s<br>o[fptk]ai4n*<br>o[fptk]e4dy*<br>o[fptk]eda[lrsm \|<br>n]*<br>[yo][fptk][ao][lr]<br>*<br>[yo][fptk]e4d*<br>~~[yo][fptk]edom~~<br>~~oma variants~~<br>~~oma variants~~<br>~~opai0-dar~~ | ~~aaa; aaaa~~ | ~~c[fp]edy + added-on~~<br>~~sequences~~<br>~~c[fp]edy + added-on~~<br>~~sequences 8 - cfeo-initial~~<br>~~ccepcy~~<br>~~c[fk]ed[yo]; cpedy; cteo-~~<br>~~initial~~ | ed[yoa]*<br>c + e4dy*<br>ce4dy*<br>most other subsets | ol[tk]*<br>olk* | ~~ala~~ | eda*<br>cedaiin*<br>cedal*<br>~~aaaa~~<br>~~aaal~~ | ~~aida~~ | | ~~c[yo+~~<br>~~edal~~<br>~~aaaa~~ | o[tk]e0-4y*<br>~~ad~~<br>~~e[fptk]n~~<br>~~e[fptk]y~~<br>~~c[yo+~~<br>~~(fptk)~~<br>~~Nouns~~<br>~~c[yo+~~<br>~~(fptk)n~~<br>~~Nouns~~<br>~~rdn~~<br>~~faccya~~<br>~~relations~~<br>~~ed[fptk]~~<br>~~dlrsmg]~~ |

Table 25.15: Most Significant Order Mappings for Suspected Verbs and Other Backloaded Categories

| | Initiators | Planets | Problem/Disorder | Color/Symptom | m | Remedy/Solution | Ingredients<br>Herbal | Liquid | Section 3 | Anatomical | e[tk][yoa] | o[lr][yoa]<br>Pipe/Flow/Queue | Treatment or Application Verbs | Pharmaceutical Double-Vowels | Primary Verbs | Connectives, Rare, Obscure | Other |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Treatment/Application Verbs** | | | | | | | | | | | | | | | | | |
| ea | [fptk] + ai0-4*<br>~~[ds]~~<br>~~[fptk][yo]l~~ | | →(very little)<br>~~o[fptk] + edcedy~~<br>~~[yo][fptk]eedd~~<br>~~olcey~~<br>~~ol + c[yo+ + e4o[lr]~~ | →–y axis<br>~~yo + edar~~ | →om*<br>ceam* | →(very little)<br>~~e[ts]l[aoi]~~<br>~~o[fptk]edal~~<br>~~[yo]pa~~ | →(very little)<br>r-axis*<br>~~o-ly-axis~~ | c[fptk]e4o<br>-initial &<br>c[fptk]e4y<br>Superclass*<br>cte4[yo]*<br>cteo-initial*<br>~~c[fp]edy + added-on sequences~~ | ~~Prefixes~~<br>~~Versions of c+~~<br>~~c[s+[fptk] + edy~~<br>~~c[fp]l[yoa]~~ | | →(very little)<br>el[yoa]*<br>~~c[fp]l[yoa]~~ | ~~aaa[dlrsmg]~~ | ea*<br>ce4a*<br>ceam* | oo* | →(very little)<br>$ai^{0-4}$* | | ~~ada~~ |
| cedai4[lrsm \| n] | ~~[fptk]aida~~<br>~~[fptk \| dlrs] prefixes~~<br>~~ro-dai4[lrsm \| n]~~<br>~~[fptk]e0-dar~~<br>~~l-prefix + [fptk]e0-~~<br>~~dar~~<br>~~lcc~~<br>~~rc-initial~~<br>~~ecda~~ | →oda* | o[fptk]c + e0-4dy*<br>o[fptk]c + e0-4 + y<br>\| dy \| o[dlrs]y *<br>~~o[dlrs]edar~~<br>~~o[fptk] + e0-dar~~ | →–y axis<br>~~[yo]c+edy + a~~<br>~~infixes~~ | →om only on cedar<br>~~[dlrsmg]ai~~<br>~~dm~~ | o[fptk]e4dy*<br>~~o[fptk]edy~~ | →c[s \|<br>fptk]e4y | c[s \|<br>fptk]e4dy* | ~~ala~~ | | ~~o[lr]y~~<br>~~o[yoa]~~<br>~~aaa[dlrsmg]~~ | cedaiin<br>variants* | oi4[dlrsmg \| n]* | ~~[dlrsmg]ai~~<br>~~dm~~ | ~~Consonant~~<br>~~Clusters~~<br>~~dl-Consonant~~<br>~~clusters~~ | ~~e[tk]eda~~<br>~~e[fptk]endings~~ |
| **Pharmaceutical Double-Vowels** | | | | | | | | | | | | | | | | | |
| oa | y-initial*<br>~~[dlrsmg] + [fptk]e0-dy~~<br>~~lc-initial~~<br>~~lc-initial~~ | ~~mmaxis~~ | ~~e[fptk] + e0-dar~~ | | ~~aaa~~ | [yo][fptk]e4o[dlrsmg]*<br>~~aaal~~<br>~~aaal~~<br>~~e[fptk]eda[lrsm \| n]~~ | superset*<br>esp. -r | superset*<br>c[fptk]e4o<br>-initial &<br>c[fptk]e4y | ~~[fptk] + c[s+[fptk] + edy~~ | oe0-4s*<br>~~ed endings~~<br>~~ala~~ | | ~~daiaal/aaaal~~<br>~~relations~~ | ~~cedaiin~~<br>~~cedal~~ | | $ai^{0-4}$* | | |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ~~[fptk]aide~~<br>~~l-prefix + [fptk]~~<br>~~dlrsmg]ai4[dlrsmg]~~<br>~~n]~~<br>~~[dl]e4dy~~<br>~~ie~~<br>~~[ae]e-initial~~ | | | | | | Superclass* | | | | | | | | | |
| oo + oe4o | ~~[dlrsmg | fptk]e0-4y~~<br>~~[fptk]ai4[dlrsmg | n]~~<br>~~[fp]e-initial~~<br>~~ae-initial~~<br>~~[dl]e4dy~~<br>~~de~~ | | ~~superset~~ | | ~~e-axis of~~<br>~~[yo][fptk][ao][lr]~~<br>~~ee4dy~~<br>~~edee~~<br>~~eee~~<br>~~[yo]ai0-4de~~ | superset*<br>esp. -r<br>~~eedy~~<br>~~ee~~ | | ~~el[dtk]~~ | | ~~ee[yoa]~~ | ~~cedai4[lrsm | n]~~<br>~~ede~~ | | | |
| oi | ~~![fptk]-Prefixes~~<br>~~le-initial~~<br>~~ae-initial~~<br>~~l-prefix + [fptk]~~<br>~~dlrsmg] + ai4[dlrsmg~~<br>~~n]~~<br>~~[dl]e4dy~~<br>~~[dl]ede~~ | ~~[le]~~ | ~~o[fptk]c + e0-4oe~~ | | | superset*<br>esp. -r | c + c[s | fptk]e4y* | ~~eedy~~<br>~~[dlrsmg] + ee~~<br>~~e[s | fptk] +~~<br>~~e4dy~~ | ~~ed endings~~ | | ~~e[lr][ao][lr]~~<br>~~e[le]e~~ | ~~eeai~~<br>~~eedee~~ | oi4[dlrsmg | n]*<br>~~ee~~ | | |
| **Primary Verbs** | | | | | | | | | | | | | | | | |
| [dlrsmg | fptk] + ai4[dlrsmg | n] | dc-initial*<br>[dlrsmg]e0-4y*<br>y[fptk]-initial*<br>y + Non-[dlrs] Prefixes*<br>~~[fptk][yo]le~~<br>~~ieee~~<br>~~ie~~<br>~~q-prefix exceptions~~<br><br>[dlrsmg | fptk] + ai4n<br>~~[dl]e~~<br>~~pe-initial~~<br>~~qe~~<br>~~e-initial~~<br><br>[dai4n<br>~~[dl]e4dy~~ | [dlrsmg | fptk] + ai4n<br>→ r-axis | ~~o[fptk]c + eee~~<br>~~epe + eee~~<br>~~epe + eeedy~~<br><br>[dlrsmg | fptk] + ai4n<br>~~eeeey~~<br>~~eeeey~~<br>~~eee0-4ey~~ | →[yo]c + e4dy (dai4n)<br><br>[dlrsmg | fptk] + ai4n<br>~~pe + eee~~ | ~~ape0-4ey~~<br>~~[yo]ey~~ | superset*<br>→s-axis | c[fptk]e4o-initial & c[fptk]e4ys*<br>c + c[s | fptk]e4y* ceckey* | →c[s | fptk]e4dy ed[yoa]*<br><br>[dlrsmg | fptk] + ai4n<br>Prefixed Versions of c | c[s | fptk] + e4dy | →oe0-4s<br>→ ols, oy + oe4y ([dlrsmg | fptk] + ai4n) | →e[tk][yoa]* | →aro[dlrsmg]*<br>- sans –n axis:<br>→a[lr][ao][lr]<br>→dairol/soral relatives | →cedai4[lrsm | n] (weak) ce4ai4n*<br>ea* | oi4[dlrsmg | n]*<br><br>[dai4n<br>~~ee~~ | ai0-4* | →c | cs + e0-4[dlrsmg]* Single-Letter Words* Detached Class Modifiers*<br>~~eeeee~~ | ~~[ae]ye-relatives~~<br>([dlrsmg | fptk] + ai4n) |
| [fptk | dlrs] prefixes to dai4[lrsm | n] | ~~[dl]e4dy~~<br>~~[dl]e-initial~~<br>~~[dlrsmg | fptk]e0-4y~~<br>~~![fptk]-Prefixes~~<br>→dc-Initial (on –y suffix axis) | | | →superset (on –y suffix axis) | | ~~e-axis~~ | | →c[s | fptk]e4dy ed[yoa]* | ~~ee0-4e~~ | | ~~[ae][lr][ae][lr]~~<br>→o[lr][yoa] (on –y suffix axis) | | ~~[dlrsmg | fptk] + ai4[dlrsmg | n]~~ | | | |
| [fptk]ai4[dlrsmg | n] | ~~le-initial~~<br>~~[ae]e-Initial~~<br>~~ieee~~<br>~~ie~~<br>~~![dtk]-Prefixes~~ | →**n-Axis**<br>~~l-axis~~ | ~~o[fptk]c + e0-4ee~~ | ~~[yo]e4dy + ee~~<br>~~infixes~~ | | **→ o-axis of [yo][fptk][ao][lr]**<br>o[fptk]ai4n*<br>~~o[fptk][ae]d~~<br>~~[yo][fp]e~~ | ~~e-axis~~ | ceckey* | | **→ oe0-4s**<br>ol[tk]*<br>o[dtk]*<br>olk* | ~~el[yoa]~~ | ~~el[yoa]~~ | ce4a*<br>cedai4[lrsm | n]* | oi4[dlrsmg | n]* | ai0-4* | | |
| ai4[dlrsmg | n] | | →**l-Axis** | →o[fptk]c + e0-4dy<br>→o[fptk]c + e0-4y<br>→o[dlrs]ce4y | →–y axis<br>→-o axis | →om | →o[fptk]e4dy<br>→o[fptk]ai4n<br>→[yo][fptk]e4od + y | | →superset | →edy | | | | | | | | | | |
| **Connectives, Rare, Obscure** | | | | | | | | | | | | | | | | |
| Consonant Clusters | →y-initial | | ~~[lee]-axis~~ | →o[fptk]c + e0-4y<br>~~o[fptk] + e0-4dy~~ | ~~superset~~ | | ~~[yo][fptk][ao][lr]~~<br>~~[yo][fp][yoa]~~ | ~~e-axis~~ | ~~e[ae]~~<br>~~[fp]e4y~~ | ~~ee4dy~~ | ~~[ee]dy endings~~ | | ~~el[yoa]~~<br>~~e[lr][yoa]~~<br>~~[ae][lr][ae][lr]~~ | | | →ai$^{0-4}$* | →c | cs + e0-4s | |
| dl Consonant Clusters | ~~y[fptk]-initial~~ | | | ~~ole + e0-4 + y | dy~~<br>~~[ae][dlrs]ye~~<br>~~o[fptk] + e0-4dy~~ | | ~~yo][fptk][ao][lr]~~ | ~~superset~~ | ~~ee[ae]~~<br>~~[fptk]e4y~~ | →c | c[s | fptk] + e4dy | | | →o[lr][yoa] | →ea | | ai$^{0-4}$* (but not ~~eide~~) | ~~Single-Letter Words~~ | |
| Detached Class Modifiers | →y-initial*<br>~~![fptk]-Prefixes~~<br>~~de-initial~~ | oda* | →o[fptk]c + e0-4dy<br>o[fptk]c + e0-4y* | | | | ~~o[fptk]e4dy~~<br>~~e-axis of~~<br>~~[yo][fptk][ao][lr]~~ | | ~~e[ae]~~<br>~~[fptk]e4y~~ | ~~e | c[s | fptk] + e4dy~~ | | ~~el[yoa]~~ | ~~e[lr][yoa]~~<br>~~[ae][lr][ae][lr]~~ | ~~ede~~ | | ~~ai$^{0-4}$~~ | ~~Single-Letter Words~~ | |
| **Other** | | | | | | | | | | | | | | | | |
| odo | | | | | | | ~~o[fptk]aide~~<br>~~o[fptk]e4dy~~<br>~~e-axis of~~<br>~~[yo][fptk][ao][lr]~~ | | ~~eedy~~ | ~~edy~~ | ~~el[dtk]~~ | | ~~e[lr][yoa]~~ | →ea | →[q | fptk | dlrsmg] + oi0-4[lr]* | | | |
| o[tk]e0-4y | lc-initial*<br>lk-initial*<br>→l[fptk] Prefixes<br>→l-prefix + [fptk]e0-4y<br>→l-prefix + Prefixed ai0-4*<br>[fptk]e0-4y*<br>[dlrsmg]e0-4y* | ~~superset~~ | ~~eeeey~~<br>~~edeey~~<br>~~epe + eee~~<br>~~ele + eeedy~~<br>~~eie + eee~~<br>~~epee0-4ey~~<br>~~o[fptk]ee4[lrsmg]~~<br>~~[yo][fptk]ee4t~~ | ~~e + c | e + c | e + eee~~<br>~~e + c | e + eee~~<br>~~ye + eee~~ | ~~eedee~~<br>~~edeee~~ | →[yo][fp]y<br>o[fptk]e4dy*<br>otai0-4n*<br>o[fptk]e4os*<br>[yo][fptk]e4od*<br>[yo][fptk]e4od + y*<br>[yo][fptk]e4o[lr]*<br>~~o[fp][ae][lr]~~<br>~~ylai0-4de~~ | →-o axis vs. ~~prefixed e-axis~~ | ~~c[fp]e4y + ordinal ee sequences & c[ae] initial~~<br>~~c[fp]e4y + added ee sequences~~<br>~~epe4y~~ | [dlrsmg] + c | c[s | fptk] + e4dy* | olp | ep[yoa] | | →cedai4[lrsm | n]<br>~~eee nouns~~<br>~~eedee~~<br>~~eeieeee~~ | [dlrsmg | fptk] + oi4[dlrsmg | n]* | Prefixed ai0-4*<br>→fptk | dlrsmg] + ai4[dlrsmg | n] + y-suffix | Single-Letter Words* | o[tk]e0-4y*<br>~~ede~~<br>~~edl~~<br>~~ed[fptk | dlrsmg]~~<br>~~ir~~<br>~~e[fptk]e~~<br>~~e[fptk]e~~ |

| | | | |
|---|---|---|---|
| | [tk]y* | ~~[yrslrs][fn]~~ | ~~[frs][yrs]~~ |
| | [tk]e4dy* | | ~~rrcpry~~ |
| | [tk]e4o* | | |
| | y + Non-[dlrs] | | |
| | Prefixes* | | |
| | ~~[fpt][fyrs]!~~ | | |
| | ~~[fpt][dlrs] Prefixes~~ | | |
| | ~~[rs][fptr-] !~~ | | |

Table 25.16: Top 130 Mean Distances from the Midpoints of Paragraphs by Word Category

| Rank | Category | Qualifying Count | Mean Distance from Midpoint |
|---|---|---|---|
| 1 | [yo]e4 \| c + [fp] | 67 | 0.35122 |
| 2 | [yo]c[fp] | 49 | 0.34692 |
| 3 | oro | 87 | 0.33586 |
| 4 | opce0-4y | 94 | 0.33126 |
| 5 | [yo]e0-4[fp]e0-4[yo] | 113 | 0.32934 |
| 6 | ofc + e0-4 + y \| dy \| o[dlrs]y | 56 | 0.32810 |
| 7 | e[fp][yoa] | 58 | 0.32523 |
| 8 | ofc + e4 + y \| dy \| o + [lr] Superset | 65 | 0.32300 |
| 9 | c[fp]e4y + added c-sequences | 62 | 0.32176 |
| 10 | osa | 43 | 0.32157 |
| 11 | [yo][fp][yoa] | 229 | 0.31945 |
| 12 | c[fp]e4y + added c-sequences & cfeo-Initial | 77 | 0.31938 |
| 13 | cpe4[yo] | 87 | 0.31658 |
| 14 | [yo][fp]ai0-4[rm] | 68 | 0.31541 |
| 15 | cpeo-initial | 63 | 0.31517 |
| 16 | [yo][fp]o | 69 | 0.31288 |
| 17 | [yo][fp]a | 124 | 0.31162 |
| 18 | oe0-4[fp]oe0-4[lr] | 54 | 0.31089 |
| 19 | opc + e0-4 + y \| dy \| o[dlrs]y | 267 | 0.31049 |
| 20 | o[lr]o | 238 | 0.30552 |
| 21 | or[oa] | 269 | 0.30549 |
| 22 | [yo]pa | 95 | 0.30329 |
| 23 | [yo]cse4y | 49 | 0.30298 |
| 24 | edo | 75 | 0.30182 |
| 25 | aro[dlrsmg] | 77 | 0.30065 |
| 26 | orai0-4n | 115 | 0.30046 |
| 27 | cedar variants | 145 | 0.29960 |
| 28 | or[yo] | 165 | 0.29908 |
| 29 | opce0-4dy | 149 | 0.29710 |
| 30 | or[yoa] | 347 | 0.29483 |
| 31 | o[lr][oa] | 581 | 0.29374 |
| 32 | odai0-4l | 94 | 0.29360 |
| 33 | yodai0-4l | 101 | 0.29280 |
| 34 | ora | 184 | 0.29260 |
| **35** | **ols** | **69** | **0.29246** |
| 36 | ydai0-4[lrm \| n] | 54 | 0.29119 |
| 37 | olo | 154 | 0.29115 |
| 38 | yd[ao]i0-4[lrm \| n] | 55 | 0.29095 |
| 39 | oa | 253 | 0.29078 |
| 40 | odai0-4[lr] | 227 | 0.29007 |
| 41 | yodai0-4[lr] | 242 | 0.28964 |
| 42 | od[ao]i0-4l | 114 | 0.28912 |
| 43 | [yo]d[ao]i0-4l | 121 | 0.28871 |
| 44 | [yo]po | 49 | 0.28819 |
| 45 | [ao][lr][ao][lr] Pipe/Flow | 631 | 0.28813 |
| 46 | o[lr]a | 347 | 0.28761 |
| 47 | odai0-4r | 133 | 0.28758 |
| 48 | ytai0-4n | 51 | 0.28744 |
| 49 | yodai0-4r | 141 | 0.28737 |
| **50** | **ol[ds]** | **259** | **0.28658** |
| 51 | ol[oa] | 317 | 0.28644 |
| 52 | cedai4[lrsm \| n] | 451 | 0.28643 |
| 53 | dairol/soral relatives | 130 | 0.28541 |
| 54 | o[lr][yoa] | 816 | 0.28528 |
| 55 | o[lr][yo] | 473 | 0.28508 |
| 56 | od[ao]i0-4[lr] | 264 | 0.28507 |
| 57 | [yo]d[ao]i0-4[lr] | 280 | 0.28493 |
| 58 | cedal variants | 110 | 0.28444 |
| **59** | **old** | **192** | **0.28434** |
| 60 | a[dlrsmg]c | 75 | 0.28219 |
| 61 | [yo]d[ao]i0-4r | 159 | 0.28206 |
| 62 | od[ao]i0-4r | 150 | 0.28199 |
| 63 | ola | 163 | 0.28198 |
| 64 | oo + oe4o | 107 | 0.28125 |
| 65 | ol[yoa] | 476 | 0.28026 |
| 66 | o[fptk] endings | 66 | 0.27970 |
| 67 | a[lr][fptk] | 76 | 0.27951 |
| 68 | ol[yo] | 313 | 0.27937 |
| 69 | ceal verbs | 203 | 0.27914 |
| 70 | oo | 55 | 0.27856 |
| 71 | a[lr][ao][lr] | 278 | 0.27855 |
| 72 | cedaiin variants | 165 | 0.27854 |
| 73 | c[fptk]c polygraph | 74 | 0.27817 |
| 74 | oc[fpt]e4y | 115 | 0.27809 |
| **75** | **ol[dtk]** | **758** | **0.27800** |
| 76 | eda | 656 | 0.27779 |
| 77 | oda | 677 | 0.27770 |
| **78** | **olk** | **512** | **0.27725** |
| 79 | yodai0-4[lrm \| n] | 671 | 0.27719 |
| 80 | ceal variants | 238 | 0.27688 |
| **81** | **ol[tk]** | **570** | **0.27637** |
| 82 | [yo]d[ao]i0-4[lrm \| n] | 712 | 0.27622 |
| 83 | odai0-4[lrm \| n] | 617 | 0.27597 |
| **84** | **o[dlrs]ce4y Superset** | **180** | **0.27592** |
| 85 | o[fptk]edai4n | 50 | 0.27535 |
| 86 | ai0-4[dlrsmg][dlrsmg] | 154 | 0.27508 |
| 87 | od[ao]i0-4[lrm \| n] | 657 | 0.27499 |
| 88 | a[lr]an | 49 | 0.27482 |
| 89 | dl Consonant clusters | 66 | 0.27475 |
| 90 | [fptk \| dlrs] prefixes to dai4[lrsm \| n] | 76 | 0.27452 |
| **91** | **olcey relatives (non -edy)** | **132** | **0.27438** |
| 92 | Detached Class Modifiers | 81 | 0.27429 |
| 93 | yodai0-4n | 397 | 0.27299 |
| 94 | [yo]d[ao]i0-4n | 399 | 0.27294 |
| 95 | olai0-4n | 97 | 0.27273 |
| 96 | [dlrsmg]ai4m | 129 | 0.27236 |
| 97 | te4o | 61 | 0.27218 |
| 98 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 149 | 0.27186 |
| 99 | cear verbs | 280 | 0.27136 |
| 100 | [yo]c[s \| fptk]e4y | 303 | 0.27079 |
| 101 | dai4m | 114 | 0.27066 |
| 102 | o + c \| cs + e4o[lr] | 76 | 0.27045 |
| 103 | oc[s \| fptk]e4y | 273 | 0.27030 |
| 104 | odai0-4n | 360 | 0.27020 |
| 105 | od[ao]i0-4n | 362 | 0.27015 |
| 106 | o[fptk]ce4[lrsmg] | 45 | 0.26976 |
| 107 | l[drs] Prefixes | 88 | 0.26939 |
| 108 | oly | 165 | 0.26799 |
| 109 | [yo]c + e4o Superclass | 308 | 0.26797 |
| 110 | ory | 85 | 0.26795 |
| 111 | cke4y | 92 | 0.26698 |
| 112 | o[lr]y | 242 | 0.26670 |
| 113 | okor variants | 101 | 0.26658 |
| 114 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 406 | 0.26651 |
| 115 | oe sans oy + oe4y, oe0-4s | 226 | 0.26626 |
| **116** | **olt** | **59** | **0.26559** |
| 117 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 472 | 0.26529 |
| 118 | oc[fptk]e4y | 249 | 0.26482 |
| **119** | **oe0-4s** | **430** | **0.26464** |
| 120 | oi | 273 | 0.26455 |
| 121 | otc + e4or | 55 | 0.26447 |
| 122 | o[fptk]eda[lrsm \| n] | 145 | 0.26440 |
| 123 | [yo]c[fptk]e4y | 252 | 0.26430 |
| 124 | cear variants | 332 | 0.26370 |
| 125 | oce4y + infixed versions | 320 | 0.26355 |
| 126 | o[fptk]c + e0-4dy | 499 | 0.26296 |
| 127 | eta | 63 | 0.26253 |
| 128 | [yo]te4ol | 74 | 0.26211 |
| 129 | o[fptk][dlrsmg] | 54 | 0.26209 |
| **130** | **olcey relative** | **267** | **0.26145** |

Table 25.17: Top 130 Mean Distances from the Midpoints of Clauses by Word Category

| Rank | Category | Qualifying Count | Mean Distance from Midpoint | Rank | Category | Qualifying Count | Mean Distance from Midpoint |
|---|---|---|---|---|---|---|---|
| 1 | oro | 87 | 0.31272 | 66 | cse4o | 187 | 0.26848 |
| 2 | o[lr]o | 238 | 0.30086 | 67 | odai0-4[lrm \| n] | 617 | 0.26816 |
| 3 | ece Adjective | 60 | 0.29887 | 68 | o[lr]a | 347 | 0.26789 |
| 4 | yce4y | 48 | 0.29864 | 69 | od[ao]i0-4[lrm \| n] | 657 | 0.26738 |
| 5 | or[yo] | 165 | 0.29856 | 70 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4od | 62 | 0.26726 |
| 6 | olo | 154 | 0.29659 | 71 | ceam verbs | 57 | 0.26713 |
| 7 | osa | 43 | 0.29371 | 72 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 1893 | 0.26712 |
| 8 | edo | 75 | 0.29165 | **73** | **ol[ds]** | **259** | **0.26705** |
| 9 | c \| cs + e0-4[dlrsmg] | 231 | 0.29152 | 74 | yodai0-4[lrm \| n] | 671 | 0.26692 |
| 10 | ke4dy | 214 | 0.29123 | 75 | [dlrsmg]ai4m | 129 | 0.26688 |
| 11 | oy | 121 | 0.29088 | 76 | oda | 677 | 0.26668 |
| 12 | ory | 85 | 0.28974 | 77 | [yo]d[ao]i0-4[lrm \| n] | 712 | 0.26624 |
| 13 | [yo]ce4y | 95 | 0.28922 | 78 | c + c[s \| fptk]e4y | 1486 | 0.26558 |
| 14 | aro[dlrsmg] | 77 | 0.28901 | 79 | ece polygraph | 175 | 0.26545 |
| 15 | o[lr][yo] | 473 | 0.28743 | 80 | yc + e4o[lr] | 66 | 0.26499 |
| 16 | or[oa] | 269 | 0.28618 | 81 | ytai0-4n | 51 | 0.26484 |
| 17 | or[yoa] | 347 | 0.28541 | 82 | c + e4 + [fptk] Endings | 50 | 0.26419 |
| 18 | oy + oe4y | 171 | 0.28516 | 83 | [yo]cse4y | 49 | 0.26415 |
| 19 | oce4y + s infixes | 71 | 0.28513 | **84** | **[yo]dy endings** | **989** | **0.26408** |
| 20 | ol[yo] | 313 | 0.28341 | **85** | **o[dlrs]ce4y Superset** | **180** | **0.26379** |
| 21 | o[fptk] endings | 66 | 0.28210 | 86 | c-sequence + e4 + [fptk] + e4 + y | 72 | 0.26357 |
| 22 | o[lr][oa] | 581 | 0.28074 | 87 | rc-initial | 75 | 0.26330 |
| 23 | [yo]ce4y + s infixes | 146 | 0.27977 | 88 | [dlrsmg \| fptk]e0-4y | 637 | 0.26295 |
| 24 | [ao][lr][ao][lr] Pipe/Flow | 631 | 0.27964 | 89 | odai0-4n | 360 | 0.26274 |
| 25 | oce4y | 47 | 0.27960 | 90 | a[lr]an | 49 | 0.26209 |
| 26 | dl Consonant clusters | 66 | 0.27947 | 91 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 761 | 0.26173 |
| 27 | yce4y + infixed versions | 78 | 0.27934 | 92 | od[ao]i0-4n | 362 | 0.26163 |
| 28 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 53 | 0.27894 | 93 | yodai0-4n | 397 | 0.26161 |
| 29 | o[lr][yoa] | 816 | 0.27875 | 94 | cedai4[lrsm \| n] | 451 | 0.26143 |
| 30 | ol[oa] | 317 | 0.27849 | 95 | ola | 163 | 0.26140 |
| 31 | [yo]d[ao]i0-4r | 159 | 0.27806 | 96 | cke4y | 92 | 0.26114 |
| 32 | yodai0-4r | 141 | 0.27771 | 97 | cear verbs | 280 | 0.26094 |
| 33 | ce4y | 666 | 0.27754 | 98 | cedal variants | 110 | 0.26076 |
| 34 | a[dlrsmg]c | 75 | 0.27741 | 99 | cear variants | 332 | 0.26071 |
| 35 | od[ao]i0-4r | 150 | 0.27621 | 100 | [yo]e4 \| c + [fp] | 67 | 0.26064 |
| 36 | o[lr]y | 242 | 0.27610 | 101 | [yo]d[ao]i0-4n | 399 | 0.26060 |
| 37 | odai0-4l | 94 | 0.27605 | 102 | dai4m | 114 | 0.26029 |
| 38 | ol[yoa] | 476 | 0.27587 | 103 | ceal variants | 238 | 0.25989 |
| 39 | odai0-4[lr] | 227 | 0.27566 | **104** | **ol[dtk]** | **758** | **0.25961** |
| 40 | yodai0-4[lr] | 242 | 0.27558 | 105 | cear nouns | 52 | 0.25946 |
| 41 | odai0-4r | 133 | 0.27539 | 106 | opce0-4y | 94 | 0.25938 |
| 42 | yce4y + s infixes | 75 | 0.27470 | **107** | **ols** | **69** | **0.25918** |
| 43 | ce4o | 141 | 0.27459 | 108 | [yo]ce4y + infixed versions | 398 | 0.25888 |
| 44 | od[ao]i0-4[lr] | 264 | 0.27411 | 109 | ai4l | 232 | 0.25855 |
| 45 | [yo]d[ao]i0-4[lr] | 280 | 0.27403 | 110 | a[lr][fptk] | 76 | 0.25847 |
| 46 | ora | 184 | 0.27364 | 111 | a[lr][ao][lr] | 278 | 0.25843 |
| 47 | orai0-4n | 115 | 0.27306 | 112 | eda | 656 | 0.25804 |
| 48 | yodai0-4l | 101 | 0.27261 | 113 | e[tk]o | 49 | 0.25798 |
| 49 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o | 462 | 0.27252 | 114 | dairol/soral relatives | 130 | 0.25775 |
| 50 | Detached Class Modifiers | 81 | 0.27247 | **115** | **olcey relatives (non -edy)** | **132** | **0.25718** |
| 51 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ody | 406 | 0.27195 | 116 | o[fptk]c + e4ody | 57 | 0.25712 |
| 52 | y + Non-[dlrs] Prefixes | 184 | 0.27178 | **117** | **olk** | **512** | **0.25694** |
| 53 | oo | 55 | 0.27153 | 118 | o[fptk]e4os | 45 | 0.25679 |
| 54 | cedar variants | 145 | 0.27147 | 119 | [yo]c[fp] | 49 | 0.25675 |
| 55 | od[ao]i0-4l | 114 | 0.27134 | 120 | ce4a | 923 | 0.25649 |
| 56 | oe4y | 50 | 0.27131 | 121 | ea | 1077 | 0.25649 |
| 57 | ai0-4[dlrsmg][dlrsmg] | 154 | 0.27111 | **122** | **ol[tk]** | **570** | **0.25624** |
| 58 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg]y | 472 | 0.27103 | 123 | cse4y | 527 | 0.25623 |
| **59** | **old** | **192** | **0.27041** | 124 | om + o[fptk \| dlrsmg]am | 401 | 0.25605 |
| 60 | ceam variants | 70 | 0.27030 | 125 | c[s \| fptk]e4y | 820 | 0.25586 |
| 61 | oly | 165 | 0.26998 | 126 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4ol | 1148 | 0.25580 |
| 62 | c \| c[fptk] + e4o | 201 | 0.26979 | 127 | okc + e4ol | 51 | 0.25575 |
| 63 | oo + oe4o | 107 | 0.26924 | 128 | e[fp][yoa] | 58 | 0.25561 |
| 64 | ceal verbs | 203 | 0.26908 | 129 | oa | 253 | 0.25542 |
| 65 | [yo]d[ao]i0-4l | 121 | 0.26874 | 130 | [yo]doi0-4[lrm \| n] | 41 | 0.25515 |

Table 25.18: Pure Phrases by Length for All Major Category Superset Types

| Category Superset Type | Document Word | | All Pure Phrases | Phrase Counts by Length | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Raw Count | % | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Planet Hierarchy | 895 | 2.299 | 29 | 28 | 1 | | | | | | | | |
| Problem/Disease Hierarchy | 2356 | 6.053 | 223 | 184 | 33 | 4 | 2 | | | | | | |
| Remedy/Solution Hierarchy | 7958 | 20.444 | 1287 | 914 | 260 | 82 | 19 | 8 | 3 | | 1 | | |
| Ingredient Superset | 8091 | 20.786 | 1228 | 973 | 192 | 52 | 10 | 1 | | | | | |
| Herbal | 2498 | 6.417 | 273 | 230 | 33 | 9 | 1 | | | | | | |
| Liquid | 3171 | 8.146 | 228 | 203 | 21 | 4 | | | | | | | |
| Balneological | 2685 | 6.898 | 236 | 202 | 29 | 5 | | | | | | | |
| Color/Symptom Hierarchy | 970 | 2.492 | 28 | 28 | | | | | | | | | |
| Anatomical Target/Cause | 4063 | 10.438 | 416 | 349 | 59 | 5 | 2 | 1 | | | | | |
| Pipe/Flow/Queue | 1540 | 3.956 | 68 | 63 | 5 | | | | | | | | |
| Sensory Hierarchy | 717 | 1.842 | 18 | 16 | 2 | | | | | | | | |
| Pharmacological | 2798 | 7.188 | 201 | 182 | 16 | 3 | | | | | | | |
| Time Period | 2311 | 5.937 | 181 | 155 | 20 | 4 | 1 | 1 | | | | | |
| Temperature | 314 | 0.807 | 8 | 7 | | 1 | | | | | | | |
| Verb | 7906 | 20.311 | 1329 | 995 | 246 | 61 | 22 | 1 | 1 | 1 | 1 | 1 | |
| Other Connectives | 1236 | 3.175 | 47 | 43 | 1 | 1 | 1 | | | | | | 1 |
| Sub-Clause | 405 | 1.040 | 6 | 6 | | | | | | | | | |

Table 25.19: Elongation of Viewing Windows for Combinations of the Major Category Supersets

| Category Superset Combination | Not Augmented by Verbs and Connectives: Appearing 1st Raw Count | % | All Pure Phrases | Phrase Counts by Length 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Front-Loading of Ingredients** | | | | | | | | | | | | | |
| Pharmacological-Ingredient | 622 | 60.388 | 1030 | 588 | 291 | 98 | 42 | 5 | 5 | 1 | | | |
| Planet-Ingredient | 138 | 53.282 | 259 | 181 | 51 | 22 | 5 | | | | | | |
| Problem-Ingredient | 276 | 37.297 | 740 | 439 | 199 | 60 | 27 | 11 | 4 | | | | |
| Remedy-Ingredient | 1050 | 46.174 | 2274 | 1030 | 624 | 319 | 161 | 76 | 29 | 25 | 2 | 3 | 5 |
| Anatomical-Ingredient | 457 | 43.154 | 1059 | 640 | 274 | 104 | 26 | 11 | 4 | | | | |
| Ingredient-Pipe/Flow/Queue | 220 | 51.887 | 424 | 284 | 100 | 30 | 10 | | | | | | |
| Ingredient-Time Period | 501 | 64.562 | 776 | 471 | 202 | 72 | 22 | 7 | 1 | | | | |
| **Temperature Front-Loading** | | | | | | | | | | | | | |
| Temperature-Planet | 0 | 0 | 3 | 3 | | | | | | | | | |
| Temperature-Problem | 16 | 64 | 25 | 20 | 5 | | | | | | | | |
| Temperature-Remedy | 70 | 64.815 | 108 | 66 | 22 | 11 | 5 | 3 | 1 | | | | |
| Temperature-Anatomical | 21 | 75 | 28 | 23 | 5 | | | | | | | | |
| Temperature-Ingredient | 48 | 47.525 | 101 | 73 | 20 | 6 | 2 | | | | | | |
| Temperature-Pharmacological | 14 | 53.846 | 26 | 21 | 4 | | 1 | | | | | | |
| Temperature-Time Period | 28 | 70 | 40 | 34 | 3 | 3 | | | | | | | |
| **Weak Planet Front-Loading** | | | | | | | | | | | | | |
| Planet-Problem | 57 | 60.638 | 94 | 74 | 17 | 2 | 1 | | | | | | |
| Planet-Remedy | 130 | 50.388 | 258 | 156 | 72 | 23 | 5 | 2 | | | | | |
| Anatomical-Planet | 102 | 50.746 | 201 | 143 | 44 | 10 | 4 | | | | | | |
| Planet-Time Period | 49 | 54.444 | 90 | 72 | 14 | 3 | 1 | | | | | | |
| Planet-Pharmacological | 50 | 52.632 | 95 | 79 | 16 | | | | | | | | |
| **Problem Front-Loading** | | | | | | | | | | | | | |
| Problem-Remedy | 373 | 54.612 | 683 | 391 | 173 | 80 | 22 | 9 | 5 | 3 | | | |
| Problem-Anatomical | 230 | 50.998 | 451 | 314 | 104 | 25 | 5 | 3 | | | | | |
| Problem-Pharmacological | 107 | 53.5 | 200 | 154 | 35 | 10 | 1 | | | | | | |
| Problem-Time Period | 134 | 62.911 | 213 | 163 | 38 | 9 | 3 | | | | | | |
| **Remedy Front-Loading** | | | | | | | | | | | | | |
| Remedy-Anatomical | 708 | 61.14 | 1158 | 697 | 268 | 122 | 39 | 21 | 6 | 2 | 1 | 1 | 1 |
| Remedy-Pharmacological | 458 | 68.769 | 666 | 409 | 149 | 71 | 21 | 7 | 6 | 1 | 1 | | 1 |
| Remedy-Time Period | 378 | 54.624 | 692 | 389 | 186 | 69 | 27 | 11 | 6 | 4 | | | |
| **Other** | | | | | | | | | | | | | |
| Anatomical-Pharmacological | 253 | 60.671 | 417 | 303 | 87 | 17 | 7 | 2 | 1 | | | | |
| Time Period-Pharmacological | 130 | 62.5 | 208 | 162 | 40 | 5 | 1 | | | | | | |
| Anatomical-Time Period | 209 | 58.056 | 360 | 255 | 78 | 18 | 6 | 3 | | | | | |
| **Pipe/Flow/Queue** | | | | | | | | | | | | | |
| Pipe/Flow/Queue-Anatomical | 113 | 52.315 | 216 | 171 | 40 | 5 | | | | | | | |
| Pipe/Flow/Queue-Temperature | 5 | 55.556 | 9 | 9 | | | | | | | | | |
| Planet-Pipe/Flow/Queue | 23 | 48.936 | 47 | 44 | 2 | 1 | | | | | | | |
| Problem-Pipe/Flow/Queue | 68 | 50.746 | 134 | 109 | 22 | 3 | | | | | | | |
| Remedy-Pipe/Flow/Queue | 278 | 63.326 | 439 | 275 | 105 | 39 | 15 | 2 | 1 | 1 | 1 | | |
| Pharmacological-Pipe/Flow/Queue | 108 | 61.364 | 176 | 147 | 22 | 4 | 2 | 0 | 1 | | | | |
| Time Period-Pipe/Flow/Queue | 62 | 49.6 | 125 | 95 | 24 | 5 | 0 | 1 | | | | | |
| **Sensory Backloading** | | | | | | | | | | | | | |
| Sensory-Color/Symptom | 14 | 63.636 | 22 | 19 | 3 | | | | | | | | |
| Planet-Sensory | 23 | 63.889 | 36 | 31 | 5 | | | | | | | | |
| Problem-Sensory | 40 | 54.795 | 73 | 58 | 12 | 2 | 1 | | | | | | |
| Remedy-Sensory | 162 | 59.779 | 271 | 187 | 56 | 20 | 3 | 2 | 2 | 1 | | | |
| Anatomical-Sensory | 54 | 51.923 | 104 | 88 | 13 | 2 | 1 | | | | | | |
| Pharmacological-Sensory | 48 | 52.174 | 92 | 74 | 16 | 2 | | | | | | | |
| Ingredient-Sensory | 129 | 58.371 | 221 | 140 | 55 | 17 | 8 | 1 | | | | | |
| Temperature-Sensory | 9 | 64.286 | 14 | 12 | 2 | | | | | | | | |
| Time Period-Sensory | 43 | 62.319 | 69 | 58 | 7 | 3 | 1 | | | | | | |
| **Color/Symptom Backloading** | | | | | | | | | | | | | |
| Planet-Color/Symptom | 32 | 57.143 | 56 | 48 | 6 | 2 | | | | | | | |
| Problem-Color/Symptom | 53 | 43.089 | 123 | 96 | 22 | 3 | 2 | | | | | | |
| Remedy-Color/Symptom | 165 | 56.122 | 294 | 178 | 74 | 34 | 3 | 4 | | | 1 | | |
| Color/Symptom-Ingredient | 124 | 51.029 | 243 | 161 | 59 | 17 | 4 | | 1 | 1 | | | |
| Anatomical-Color/Symptom | 157 | 66.245 | 237 | 178 | 45 | 9 | 2 | 2 | | | | | 1 (12) |
| Pipe/Flow/Queue-Color/Symptom | 32 | 56.14 | 57 | 51 | 6 | | | | | | | | |
| Pharmacological-Color/Symptom | 61 | 53.043 | 115 | 95 | 17 | 2 | 1 | | | | | | |
| Color/Symptom-Time Period | 52 | 57.778 | 90 | 73 | 11 | 3 | 1 | 1 | 1 | | | | |
| Temperature-Color/Symptom | | | 2 | 2 | | | | | | | | | |

| Category Superset Combination | Augmented by Verbs and Connectives: Appearing 1st Raw Count | % | All | Phrase Counts by Length 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Front-Loading of Ingredients** | | | | | | | | | | | | | | | | | |
| Pharmacological-Ingredient | 525 | 56.512 | 929 | 285 | 252 | 171 | 95 | 52 | 31 | 19 | 6 | 8 | 3 | 6 | | | 1 |
| Planet-Ingredient | 113 | 47.28 | 239 | 86 | 63 | 46 | 21 | 9 | 7 | 2 | 3 | | | 1 | 1 | | |
| Problem-Ingredient | 249 | 36.192 | 688 | 228 | 173 | 128 | 60 | 41 | 31 | 10 | 6 | 7 | 1 | 1 | 1 | | 1 |
| Remedy-Ingredient | 850 | 46.271 | 1837 | 443 | 426 | 320 | 240 | 143 | 99 | 62 | 35 | 26 | 13 | 9 | 5 | 8 | 3 |
| Anatomical-Ingredient | 442 | 43.164 | 1024 | 354 | 269 | 176 | 110 | 50 | 25 | 13 | 12 | 7 | 3 | 4 | | 1 | |
| Ingredient-Pipe/Flow/Queue | 203 | 61.329 | 331 | 135 | 99 | 47 | 30 | 12 | 4 | 2 | | 2 | | | | | |
| Ingredient-Time Period | 476 | 64.674 | 736 | 241 | 190 | 125 | 80 | 43 | 29 | 9 | 8 | 5 | 2 | 2 | 1 | | |
| **Temperature Front-Loading** | | | | | | | | | | | | | | | | | |
| Temperature-Planet | 1 | 20 | 5 | 2 | 1 | 1 | | 1 | | | | | | | | | |
| Temperature-Problem | 14 | 58.333 | 24 | 13 | 9 | 1 | 1 | | | | | | | | | | |
| Temperature-Remedy | 68 | 65.385 | 104 | 42 | 19 | 26 | 9 | 4 | | | 1 | 2 | | | 1 | | |
| Temperature-Anatomical | 24 | 80 | 30 | 14 | 7 | 5 | 2 | 2 | | | | | | | | | |
| Temperature-Ingredient | 86 | 66.667 | 129 | 68 | 30 | 11 | 12 | 4 | 1 | 2 | | 1 | | | | | |
| Temperature-Pharmacological | 19 | 65.517 | 29 | 14 | 9 | 4 | 2 | | | | | | | | | | |
| Temperature-Time Period | 35 | 75.61 | 41 | 21 | 14 | 4 | 2 | | | | | | | | | | |
| **Weak Planet Front-Loading** | | | | | | | | | | | | | | | | | |
| Planet-Problem | 57 | 61.29 | 93 | 47 | 28 | 12 | 3 | 2 | | 1 | | | | | | | |
| Planet-Remedy | 124 | 53.913 | 230 | 96 | 72 | 29 | 17 | 10 | 5 | | 1 | | | | | | |
| Anatomical-Planet | 104 | 50.98 | 204 | 104 | 53 | 29 | 10 | 6 | 1 | 1 | | | | | | | |
| Planet-Time Period | 47 | 55.294 | 85 | 44 | 28 | 9 | 4 | | | | | | | | | | |
| Planet-Pharmacological | 54 | 52.427 | 103 | 46 | 31 | 12 | 9 | 4 | 1 | | | | | | | | |
| **Problem Front-Loading** | | | | | | | | | | | | | | | | | |
| Problem-Remedy | 337 | 53.323 | 632 | 218 | 170 | 110 | 58 | 33 | 21 | 7 | 5 | 5 | 4 | 1 | | | |
| Problem-Anatomical | 233 | 52.715 | 442 | 196 | 120 | 67 | 35 | 16 | 5 | 1 | 1 | 1 | | | | | |
| Problem-Pharmacological | 124 | 54.148 | 229 | 88 | 71 | 46 | 13 | 8 | 1 | 1 | 1 | | | | | | |
| Problem-Time Period | 129 | 59.722 | 216 | 97 | 65 | 32 | 13 | 4 | 4 | 1 | | | | | | | |
| **Remedy Front-Loading** | | | | | | | | | | | | | | | | | |
| Remedy-Anatomical | 688 | 64.419 | 1068 | 438 | 261 | 148 | 94 | 48 | 32 | 20 | 9 | 8 | 4 | 1 | 3 | 1 | 1 |
| Remedy-Pharmacological | 481 | 67.461 | 713 | 255 | 197 | 107 | 67 | 38 | 25 | 8 | 7 | 1 | 7 | | | 1 | |
| Remedy-Time Period | 373 | 54.853 | 680 | 218 | 192 | 112 | 67 | 44 | 22 | 9 | 9 | 3 | | 2 | | 1 | 1 (16) |
| **Other** | | | | | | | | | | | | | | | | | |
| Anatomical-Pharmacological | 278 | 61.641 | 451 | 180 | 141 | 71 | 29 | 18 | 8 | 2 | | 1 | | | 1 | | |
| Time Period-Pharmacological | 136 | 65.072 | 209 | 91 | 56 | 28 | 14 | 9 | 10 | 1 | | | | | | | |
| Anatomical-Time Period | 200 | 55.249 | 362 | 130 | 113 | 46 | 37 | 24 | 5 | 3 | 2 | 2 | | | | | |
| **Pipe/Flow/Queue** | | | | | | | | | | | | | | | | | |
| Pipe/Flow/Queue-Anatomical | 125 | 55.31 | 226 | 122 | 67 | 19 | 10 | 4 | 2 | 1 | | 1 | | | | | |
| Pipe/Flow/Queue-Temperature | 3 | 33.333 | 9 | 7 | 1 | 1 | | | | | | | | | | | |
| Planet-Pipe/Flow/Queue | 29 | 58 | 50 | 20 | 17 | 5 | 4 | 3 | 0 | 1 | | | | | | | |
| Problem-Pipe/Flow/Queue | 64 | 54.237 | 118 | 65 | 34 | 11 | 6 | 2 | | | | | | | | | |
| Remedy-Pipe/Flow/Queue | 258 | 68.8 | 375 | 148 | 116 | 38 | 42 | 13 | 7 | 4 | 2 | 1 | 3 | | | | 1 (16) |
| Pharmacological-Pipe/Flow/Queue | 99 | 66 | 150 | 78 | 47 | 13 | 3 | 4 | 4 | | | 1 | | | | | |
| Time Period-Pipe/Flow/Queue | 78 | 63.415 | 123 | 47 | 43 | 17 | 9 | 6 | 1 | | | | | | | | |
| **Sensory Backloading** | | | | | | | | | | | | | | | | | |
| Sensory-Color/Symptom | 16 | 61.538 | 26 | 13 | 6 | 2 | 3 | 2 | | | | | | | | | |
| Planet-Sensory | 14 | 56 | 25 | 14 | 7 | 3 | 1 | | | | | | | | | | |
| Problem-Sensory | 40 | 52.632 | 76 | 39 | 23 | 7 | 6 | 1 | | | | | | | | | |
| Remedy-Sensory | 148 | 68.696 | 230 | 88 | 51 | 41 | 24 | 13 | 4 | 3 | 3 | 2 | | | 1 | | |
| Anatomical-Sensory | 46 | 51.685 | 89 | 47 | 27 | 5 | 5 | 3 | 1 | | 1 | | | | | | |
| Pharmacological-Sensory | 54 | 56.25 | 96 | 43 | 35 | 12 | 4 | 1 | | | | 1 | | | | | |
| Ingredient-Sensory | 133 | 60.731 | 219 | 76 | 53 | 36 | 29 | 12 | 5 | 4 | 2 | | | 1 | | 1 | |
| Temperature-Sensory | 11 | 78.571 | 14 | 6 | 3 | 4 | 1 | | | | | | | | | | |
| Time Period-Sensory | 31 | 46.269 | 67 | 28 | 13 | 15 | 8 | 2 | | 1 | | | | | | | |
| **Color/Symptom Backloading** | | | | | | | | | | | | | | | | | |
| Planet-Color/Symptom | 32 | 54.237 | 59 | 32 | 21 | 6 | | | | | | | | | | | |
| Problem-Color/Symptom | 60 | 51.282 | 117 | 57 | 30 | 16 | 8 | 1 | 2 | 3 | | | | | | | |
| Remedy-Color/Symptom | 171 | 61.957 | 276 | 104 | 63 | 53 | 22 | 17 | 6 | 4 | 3 | 4 | | | | | |
| Color/Symptom-Ingredient | 103 | 42.917 | 240 | 85 | 66 | 44 | 23 | 11 | 6 | 1 | 1 | 1 | 1 | | | | |
| Anatomical-Color/Symptom | 159 | 69.737 | 228 | 116 | 54 | 28 | 12 | 6 | 4 | 6 | 1 | | | | 1 | | |
| Pipe/Flow/Queue-Color/Symptom | 25 | 50 | 50 | 29 | 12 | 4 | 3 | 2 | | | | | | | | | |
| Pharmacological-Color/Symptom | 68 | 60.177 | 113 | 65 | 29 | 11 | 4 | 3 | 1 | | | | | | | | |
| Color/Symptom-Time Period | 52 | 52.475 | 101 | 49 | 24 | 14 | 5 | 7 | 0 | 0 | 0 | 1 | 0 | 1 | | | |
| Temperature-Color/Symptom | 5 | 83.333 | 6 | 1 | 2 | 2 | | 1 | | | | | | | | | |

Table 26.1: Instances of Specific Semantic Hierarchies in Single-Word Cosmological Section Nymph Labels

| Semantic Hierarchy | Instance Count | Share |
|---|---|---|
| Remedy/Solution Hierarchy | 123 | 58.571 |
| Pipe/Flow/Queue | 45 | 21.429 |
| Time Period | 10 | 4.762 |
| Problem/Disease Hierarchy | 8 | 3.810 |
| Color/Symptom Hierarchy | 8 | 3.810 |
| Pharmacological | 8 | 3.810 |
| Anatomical | 8 | 3.810 |
| Sensory Hierarchy | 7 | 3.333 |
| Verb | 6 | 2.857 |
| Planet Hierarchy | 5 | 2.381 |
| Herbal Ingredient | 2 | 0.952 |
| Liquid Ingredient | 1 | 0.476 |
| Balneological Ingredient | 1 | 0.476 |
| Temperature | 1 | 0.476 |

Table 26.2: Word Categories with Positive Cosmological Affinity Scores and $w_N > 50$

| # | Category | Count | Section Affinity Scores | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | [yo]te4os | 60 | 0.01104 | -0.19421 | 0.54590 | -0.18726 | -0.00131 | -0.12884 | -0.04532 |
| 2 | o[fptk]e4os | 106 | 0.00381 | -0.14326 | 0.46194 | -0.17782 | 0.02636 | -0.11847 | -0.05256 |
| 3 | [yo][fptk]e4o | 88 | -0.00563 | -0.16921 | 0.35045 | -0.18726 | -0.01116 | 0.02797 | -0.00517 |
| 4 | [yo]te4od | 149 | -0.00563 | -0.15327 | 0.32543 | -0.16712 | 0.01256 | -0.03052 | 0.01855 |
| 5 | [yo]te4o[dlrsmg] | 341 | 0.00024 | -0.11532 | 0.28886 | -0.15500 | 0.04639 | -0.05304 | -0.01214 |
| 6 | o[tk]e4s | 98 | 0.00458 | -0.10033 | 0.25305 | -0.02399 | -0.03736 | -0.14619 | 0.05025 |
| 7 | [yo][fptk]e4od | 355 | -0.00563 | -0.10266 | 0.24802 | -0.15064 | 0.08414 | -0.06476 | -0.00847 |
| 8 | [yo][fptk]e4od + y | 284 | -0.00563 | -0.09702 | 0.20576 | -0.14148 | 0.10104 | -0.05701 | -0.00565 |
| 9 | a[lr][ao][lr] | 391 | -0.00563 | -0.20469 | 0.20537 | -0.02869 | -0.01171 | 0.02039 | 0.02497 |
| 10 | [yo]ke4od | 207 | -0.00563 | -0.06715 | 0.19542 | -0.13895 | 0.13492 | -0.09044 | -0.02817 |
| 11 | o[fptk]o | 51 | 0.01398 | 0.05873 | 0.19002 | -0.18726 | 0.01045 | -0.12198 | 0.03605 |
| 12 | [yo][fptk]e4o[dlrsmg] | 924 | -0.00346 | -0.09940 | 0.18919 | -0.14721 | 0.15821 | -0.06456 | -0.03277 |
| 13 | o[tk][ao]s | 58 | -0.00563 | -0.12179 | 0.18901 | -0.08381 | 0.05271 | -0.10643 | 0.07594 |
| 14 | [yo]fa | 59 | -0.00563 | -0.09082 | 0.18404 | -0.11946 | 0.03372 | -0.16020 | 0.15835 |
| 15 | o[fptk][ao]s | 66 | -0.00563 | -0.11239 | 0.18378 | -0.09635 | 0.03808 | -0.11218 | 0.10468 |
| 16 | yodai0-4l | 143 | 0.00836 | 0.13936 | 0.18262 | -0.17327 | 0.00195 | -0.13898 | -0.02003 |
| 17 | odai0-4l | 133 | 0.00941 | 0.12685 | 0.18162 | -0.17222 | -0.00031 | -0.12847 | -0.01688 |
| 18 | ola | 228 | -0.00563 | -0.18456 | 0.18099 | -0.02059 | 0.05044 | -0.02007 | -0.00059 |
| 19 | cse0-4s | 102 | 0.00418 | -0.01970 | 0.18022 | -0.01079 | -0.01896 | -0.15139 | 0.01644 |
| 20 | [yo]ke4o | 89 | -0.00563 | -0.14814 | 0.17680 | -0.17602 | 0.07809 | 0.09194 | -0.01705 |
| 21 | c-sequence + e4 + [fptk] + e4 + y | 101 | -0.00563 | -0.05658 | 0.16323 | -0.02884 | 0.04093 | -0.08082 | -0.03229 |
| 22 | [yo]d[ao]i0-4l | 165 | 0.00650 | 0.16640 | 0.16257 | -0.16908 | 0.01687 | -0.15763 | -0.02563 |
| 23 | ai0-4[dlrsmg][dlrsmg] | 214 | -0.00095 | 0.02355 | 0.16226 | -0.06109 | 0.04417 | -0.15268 | -0.01526 |
| 24 | [yo][fp]a | 200 | -0.00563 | -0.16921 | 0.16090 | -0.12226 | -0.00798 | 0.01116 | 0.13301 |
| 25 | od[ao]i0-4l | 154 | 0.00736 | 0.16034 | 0.15564 | -0.16778 | 0.01644 | -0.14897 | -0.02303 |
| 26 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 222 | 0.00789 | -0.09601 | 0.15266 | 0.02896 | -0.00041 | -0.07614 | -0.01695 |
| 27 | [yo]pa | 141 | -0.00563 | -0.20201 | 0.15122 | -0.12343 | -0.02542 | 0.08286 | 0.12241 |
| 28 | [yo][fp]ai0-4[rn] | 111 | -0.00563 | -0.15006 | 0.14815 | -0.15122 | -0.03194 | 0.00944 | 0.18125 |
| 29 | a[dlrsmg]am | 92 | -0.00563 | -0.17464 | 0.14590 | -0.14378 | -0.02450 | 0.21029 | -0.00764 |
| 30 | oe0-4s | 632 | 0.00387 | 0.03491 | 0.14432 | -0.16669 | 0.05069 | -0.06998 | 0.00288 |
| 31 | oly | 222 | -0.00563 | -0.05997 | 0.14365 | 0.10554 | 0.04464 | -0.19776 | -0.03046 |
| 32 | ai4r | 483 | 0.00058 | -0.12650 | 0.14228 | -0.12929 | -0.05141 | 0.11246 | 0.05188 |
| 33 | otal variants | 333 | -0.00563 | -0.15607 | 0.14215 | 0.01695 | -0.02593 | 0.01545 | 0.01308 |
| 34 | g | 132 | -0.00563 | 0.06185 | 0.13833 | -0.12665 | 0.04566 | -0.18793 | 0.07437 |
| 35 | ai4[dlrsmg] | 930 | -0.00240 | -0.15335 | 0.13676 | -0.12919 | -0.03679 | 0.14589 | 0.03908 |
| 36 | ai4[lr] | 782 | -0.00179 | -0.15610 | 0.13375 | -0.12204 | -0.04752 | 0.15722 | 0.03647 |
| 37 | dairol/soral relatives | 190 | -0.00563 | -0.13631 | 0.13274 | 0.02853 | 0.05308 | -0.08937 | 0.01696 |
| 38 | [yo]ke4o[dlrsmg] | 584 | -0.00563 | -0.09044 | 0.13220 | -0.14274 | 0.22312 | -0.07165 | -0.04487 |
| 39 | o[fptk]c + e4ody | 75 | -0.00563 | 0.22579 | 0.12257 | -0.18726 | -0.01464 | -0.10551 | -0.03532 |
| 40 | okal variants | 544 | -0.00379 | -0.13428 | 0.12201 | 0.12892 | -0.04959 | -0.06377 | 0.00051 |
| 41 | oe sans oy + oe4y, oe0-4s | 317 | -0.00563 | -0.11124 | 0.11988 | -0.11155 | 0.06452 | 0.03346 | 0.01056 |
| 42 | [yo]te4o[lr] | 130 | 0.00207 | -0.03267 | 0.11898 | -0.12572 | 0.10895 | -0.04038 | -0.03122 |
| 43 | [ao][lr][ao][lr] Pipe/Flow | 843 | -0.00444 | -0.11627 | 0.11892 | 0.00966 | 0.01031 | -0.02499 | 0.00681 |
| 44 | ai4l | 306 | -0.00563 | -0.20597 | 0.11812 | -0.11209 | -0.04183 | 0.23750 | 0.00990 |
| 45 | odai0-4[lr] | 326 | 0.00358 | 0.06162 | 0.11676 | -0.16885 | -0.00969 | -0.05799 | 0.05457 |
| 46 | a[dlrsmg]c | 91 | -0.00563 | -0.04146 | 0.11568 | 0.01054 | -0.02402 | -0.02610 | -0.02902 |
| 47 | oce4y | 60 | -0.00563 | 0.05579 | 0.11257 | -0.12059 | -0.00131 | -0.02884 | -0.01199 |
| 48 | yodai0-4[lr] | 348 | 0.00587 | 0.06786 | 0.11142 | -0.16427 | 0.00099 | -0.07195 | 0.05008 |
| 49 | olai0-4n | 126 | -0.00563 | -0.17516 | 0.11019 | -0.00472 | 0.09075 | -0.01694 | 0.00150 |
| 50 | oe | 463 | -0.00563 | -0.06958 | 0.10973 | -0.12462 | 0.05729 | 0.01489 | 0.01792 |
| 51 | ol[yoa] | 614 | -0.00563 | -0.06619 | 0.10926 | 0.06681 | 0.03137 | -0.11109 | -0.02453 |
| 52 | c \| cs + e0-4s | 188 | -0.00031 | -0.02825 | 0.10335 | -0.01704 | 0.00117 | -0.06076 | 0.00184 |
| 53 | [yo][fp][yoa] | 339 | -0.00563 | -0.08772 | 0.10239 | -0.11056 | 0.02642 | -0.05466 | 0.12975 |
| 54 | e-initial | 68 | -0.00563 | 0.02932 | 0.10178 | -0.09902 | 0.04967 | -0.04355 | -0.03258 |
| 55 | o[lr]y | 318 | 0.00066 | -0.00804 | 0.10030 | 0.07375 | 0.06410 | -0.19394 | -0.03683 |
| 56 | od[ao]i0-4[lr] | 369 | 0.00250 | 0.08520 | 0.09915 | -0.16829 | 0.01332 | -0.07830 | 0.04641 |
| 57 | c[fptk]c polygraph | 99 | -0.00563 | 0.07953 | 0.09792 | -0.08625 | -0.00737 | -0.08692 | 0.00872 |
| 58 | [yo]d[ao]i0-4[lr] | 393 | 0.00455 | 0.09002 | 0.09692 | -0.16436 | 0.02108 | -0.09055 | 0.04233 |
| 59 | oce4y + s infixes | 90 | 0.01660 | 0.07246 | 0.09590 | -0.10948 | -0.01242 | -0.05662 | -0.00644 |
| 60 | ceal variants | 269 | 0.00181 | -0.07488 | 0.09293 | -0.03484 | -0.04939 | 0.10777 | -0.04340 |
| 61 | ol[oa] | 401 | -0.00563 | -0.06977 | 0.09291 | 0.03968 | 0.02180 | -0.05939 | -0.01960 |
| 62 | osa | 66 | -0.00563 | -0.05178 | 0.09287 | -0.15695 | 0.11384 | -0.03642 | 0.04407 |
| 63 | d[fptk \| drs] | 56 | 0.01223 | 0.11651 | 0.09233 | -0.06226 | -0.05012 | -0.15384 | 0.04515 |
| 64 | o[lr]a | 469 | -0.00563 | -0.14069 | 0.09206 | -0.04653 | 0.07488 | -0.00166 | 0.02756 |
| 65 | ceal verbs | 230 | 0.00307 | -0.12029 | 0.09155 | -0.01769 | -0.05059 | 0.13855 | -0.04460 |
| 66 | o[fptk][ao]d | 185 | -0.00563 | 0.03552 | 0.09050 | -0.17645 | 0.01851 | -0.14911 | 0.18666 |
| 67 | ols | 93 | 0.01588 | 0.02837 | 0.08945 | -0.04747 | 0.14708 | -0.18207 | -0.05124 |
| 68 | [yo]c[fp] | 62 | -0.00563 | 0.09289 | 0.08945 | -0.13887 | 0.01267 | -0.10142 | 0.05091 |
| 69 | oa | 321 | 0.00060 | -0.00760 | 0.08905 | -0.17168 | 0.01925 | 0.06384 | 0.00654 |
| 70 | [yo]te4ol | 99 | 0.00447 | -0.01138 | 0.08782 | -0.11655 | 0.11384 | -0.04652 | -0.03169 |
| 71 | ai4[dlrsmg \| n] | 1519 | -0.00168 | -0.13884 | 0.08748 | -0.11945 | -0.02650 | 0.14380 | 0.05519 |
| 72 | c-sequence + e4 + [fptk] + c-sequence + e4 + y | 84 | -0.00563 | 0.17008 | 0.08638 | -0.10392 | -0.03226 | -0.12408 | 0.00944 |
| 73 | ece Noun | 142 | -0.00563 | -0.15336 | 0.08604 | -0.08867 | -0.01868 | 0.18594 | -0.00565 |
| 74 | e[fp][yoa] | 79 | -0.00563 | 0.06022 | 0.08578 | -0.11131 | -0.00469 | -0.07631 | 0.05193 |
| 75 | okod variants | 74 | -0.00563 | 0.07066 | 0.08509 | -0.17374 | 0.04013 | -0.13020 | 0.11368 |
| 76 | [yo][fptk]e4or | 127 | -0.00563 | -0.08161 | 0.08488 | -0.12427 | 0.22336 | -0.04262 | -0.05412 |
| 77 | o[fptk]ody | 85 | -0.00563 | 0.07050 | 0.08414 | -0.18726 | 0.02614 | -0.12590 | 0.13801 |
| 78 | a-axis of [yo][fptk][ao][lr] | 1731 | -0.00274 | -0.11801 | 0.08308 | 0.03400 | -0.03909 | 0.01289 | 0.02986 |
| 79 | [yo][fptk]e4o[lr] | 449 | -0.00340 | -0.09376 | 0.08298 | -0.13603 | 0.24605 | -0.04945 | -0.04640 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 80 | [yo][fptk]e4ol | 322 | -0.00252 | -0.09855 | 0.08224 | -0.14067 | 0.25500 | -0.05214 | -0.04336 |
| 81 | [yo]ke4ol | 223 | -0.00563 | -0.13726 | 0.07976 | -0.15138 | 0.31767 | -0.05463 | -0.04854 |
| 82 | [yo]e4 \| c + [fp] | 84 | -0.00563 | 0.07484 | 0.07447 | -0.13964 | 0.05107 | -0.08837 | 0.03325 |
| 83 | ote0-4y | 731 | -0.00015 | -0.00009 | 0.07374 | -0.03131 | -0.04062 | 0.00433 | -0.00590 |
| 84 | odai0-4r | 193 | -0.00044 | 0.01667 | 0.07207 | -0.16653 | -0.01616 | -0.00941 | 0.10381 |
| 85 | [yo][fptk][ao][lr] | 2688 | -0.00228 | -0.05537 | 0.06927 | -0.00050 | 0.00680 | -0.04186 | 0.02395 |
| 86 | ocke4y | 162 | -0.00563 | -0.03495 | 0.06874 | -0.11318 | 0.23449 | -0.10600 | -0.04347 |
| 87 | [yo]ke4o[lr] | 319 | -0.00563 | -0.11866 | 0.06832 | -0.14024 | 0.30193 | -0.05314 | -0.05259 |
| 88 | y[fptk]-initial | 1295 | -0.00022 | 0.13128 | 0.06733 | -0.11776 | -0.00234 | -0.14062 | 0.06233 |
| 89 | ol[yo] | 388 | -0.00563 | 0.00218 | 0.06601 | 0.12202 | 0.01965 | -0.16544 | -0.03880 |
| 90 | ce0-4s | 165 | 0.00043 | -0.02148 | 0.06560 | -0.02362 | 0.02293 | -0.04854 | 0.00468 |
| 91 | ece polygraph | 219 | -0.00563 | -0.11612 | 0.06485 | -0.09137 | -0.02231 | 0.18234 | -0.01176 |
| 92 | o[lr][yoa] | 1044 | -0.00275 | -0.05474 | 0.06257 | 0.03113 | 0.05271 | -0.08344 | -0.00548 |
| 93 | oe4y | 66 | -0.00563 | -0.14269 | 0.06257 | -0.12665 | 0.09869 | 0.06964 | 0.04407 |
| 94 | yodai0-4r | 205 | 0.00413 | 0.01799 | 0.06176 | -0.15799 | 0.00032 | -0.02519 | 0.09898 |
| 95 | o[fptk] endings | 79 | 0.01969 | 0.18681 | 0.06046 | -0.09865 | -0.03000 | -0.07631 | -0.06199 |
| 96 | [dlrsmg] + ai4r | 190 | -0.00563 | -0.04158 | 0.05906 | -0.10831 | 0.01623 | 0.05274 | 0.02748 |
| 97 | od[ao]i0-4r | 215 | -0.00098 | 0.03137 | 0.05869 | -0.16865 | 0.01109 | -0.02768 | 0.09615 |
| 98 | [dlrsmg] + ai4[lr] + y-suffix | 1035 | 0.00404 | -0.02657 | 0.05726 | 0.03690 | 0.01608 | -0.09913 | 0.01144 |
| 99 | otod variants | 88 | -0.00563 | 0.03534 | 0.05499 | -0.18726 | 0.00020 | -0.15384 | 0.25619 |
| 100 | oo + oe4o | 133 | -0.00563 | 0.02910 | 0.05380 | -0.15718 | 0.15007 | -0.04576 | -0.02440 |
| 101 | [dlrsmg]ai4[lr] | 875 | 0.00466 | -0.02449 | 0.05362 | 0.06417 | 0.01202 | -0.11884 | 0.00887 |
| 102 | [yo]dy endings | 1228 | -0.00237 | 0.06166 | 0.05144 | -0.15143 | 0.05906 | -0.04350 | 0.02514 |
| 103 | [yo]d[ao]i0-4r | 228 | 0.00315 | 0.03474 | 0.04941 | -0.16094 | 0.02413 | -0.04200 | 0.09152 |
| 104 | oce4y + infixed versions | 379 | 0.00493 | 0.06991 | 0.04894 | -0.12129 | 0.10617 | -0.09151 | -0.01714 |
| 105 | otar variants | 345 | -0.00273 | -0.13189 | 0.04663 | -0.04813 | -0.05348 | 0.12695 | 0.06265 |
| 106 | o[lr][oa] | 735 | -0.00427 | -0.07108 | 0.04420 | 0.01410 | 0.04767 | -0.03803 | 0.00740 |
| 107 | [dlrsmg \| fptk] + ai4[dlrsmg] | 1444 | 0.00130 | -0.00335 | 0.04410 | 0.01150 | 0.00751 | -0.07801 | 0.01696 |
| 108 | [dlrsmg]e0-4y | 453 | 0.00100 | 0.16937 | 0.04381 | 0.00700 | -0.01058 | -0.19717 | -0.01343 |
| 109 | y-initial | 1926 | 0.00112 | 0.11182 | 0.04284 | -0.09899 | -0.00152 | -0.09141 | 0.03614 |
| 110 | te4o | 75 | -0.00563 | -0.08087 | 0.04257 | -0.06726 | 0.01202 | 0.06782 | 0.03134 |
| 111 | otol variants | 239 | 0.00274 | 0.14931 | 0.04235 | -0.06592 | 0.03663 | -0.16169 | -0.00341 |
| 112 | c \| cs + e0-4[dlrsmg] | 281 | -0.00207 | -0.04154 | 0.04181 | 0.00847 | -0.03595 | 0.03788 | -0.00861 |
| 113 | [yo]ke4or | 96 | -0.00563 | -0.07546 | 0.04174 | -0.11434 | 0.26536 | -0.04968 | -0.06199 |
| 114 | ceam variants | 76 | -0.00563 | 0.12685 | 0.04064 | -0.10831 | -0.04166 | 0.03695 | -0.04883 |
| 115 | [yo]c[fptk]e4y | 294 | 0.00118 | 0.06634 | 0.03876 | -0.12263 | 0.14291 | -0.10537 | -0.02117 |
| 116 | [yo]po | 70 | -0.00563 | -0.12278 | 0.03876 | -0.07297 | 0.10345 | -0.06456 | 0.12372 |
| 117 | [yo]ce4y | 113 | 0.00322 | 0.06863 | 0.03750 | -0.10761 | -0.00603 | 0.01319 | -0.00889 |
| 118 | oc[s \| fptk]e4y | 319 | 0.00691 | 0.07256 | 0.03697 | -0.12143 | 0.12638 | -0.10330 | -0.01810 |
| 119 | eta | 71 | 0.00846 | -0.09702 | 0.03675 | -0.03233 | -0.03981 | 0.17186 | -0.04791 |
| 120 | oe0-4[fp]oe0-4[lr] | 71 | -0.00563 | -0.09702 | 0.03675 | -0.04641 | 0.15738 | -0.12391 | 0.07885 |
| 121 | o[lr][yo] | 583 | -0.00048 | 0.01283 | 0.03655 | 0.09576 | 0.03322 | -0.14677 | -0.03112 |
| 122 | o[fptk]ce4[lrsmg] | 57 | -0.00563 | -0.01351 | 0.03625 | -0.11708 | -0.01535 | 0.01940 | 0.09590 |
| 123 | Single-Letter Words | 566 | -0.00386 | 0.23760 | 0.03548 | -0.09538 | 0.00269 | -0.13927 | -0.03726 |
| 124 | ory | 108 | 0.01289 | 0.06690 | 0.03479 | -0.02059 | 0.10795 | -0.16773 | -0.03421 |
| 125 | ofc + e0-4 + y \| dy \| o[dlrs]y | 65 | -0.00563 | 0.09041 | 0.03436 | 0.02813 | -0.06798 | -0.09423 | 0.01493 |
| 126 | oc[fptk]e4y | 289 | 0.00129 | 0.06911 | 0.03431 | -0.12497 | 0.14310 | -0.10237 | -0.02047 |
| 127 | [yo]ce4y + infixed versions | 466 | 0.00725 | 0.05987 | 0.03324 | -0.10142 | 0.08224 | -0.06854 | -0.01263 |
| 128 | oda | 847 | 0.00854 | 0.11075 | 0.03286 | -0.16601 | 0.00404 | -0.03209 | 0.04191 |
| 129 | okol variants | 285 | -0.00212 | 0.01807 | 0.03274 | -0.01182 | 0.18465 | -0.18411 | -0.03743 |
| 130 | o-axis of [yo][fptk][ao][lr] | 764 | -0.00039 | 0.10501 | 0.03203 | -0.05768 | 0.09956 | -0.16104 | -0.01749 |
| 131 | [yo]c[s \| fptk]e4y | 353 | 0.00854 | 0.05707 | 0.03188 | -0.09944 | 0.11049 | -0.09471 | -0.01383 |
| 132 | ea | 1195 | 0.00776 | 0.09659 | 0.03063 | -0.11111 | -0.03199 | 0.04668 | -0.03856 |
| 133 | yd[ao]i0-4[lrm \| n] | 67 | 0.03915 | 0.24311 | 0.03023 | -0.11263 | 0.03650 | -0.21914 | -0.01721 |
| 134 | odai0-4[lrm \| n] | 767 | 0.00611 | 0.10345 | 0.03019 | -0.17161 | -0.00018 | -0.01287 | 0.04492 |
| 135 | yodai0-4[lrm \| n] | 832 | 0.00880 | 0.11445 | 0.02932 | -0.16682 | 0.00294 | -0.02884 | 0.04017 |
| 136 | e[tk]o | 60 | 0.01104 | 0.20579 | 0.02924 | -0.08726 | 0.04869 | -0.17884 | -0.02866 |
| 137 | c + e4 + [fptk] Endings | 60 | -0.00563 | 0.12246 | 0.02924 | -0.05392 | -0.06798 | 0.00449 | -0.02866 |
| 138 | ofc + e4 + y \| dy \| o + [lr] Superset | 75 | -0.00563 | 0.06579 | 0.02924 | 0.01274 | -0.02798 | -0.07884 | 0.00468 |
| 139 | o[tk]e0-4y | 2042 | -0.00318 | -0.05180 | 0.02813 | 0.01059 | 0.00254 | 0.03800 | -0.02428 |
| 140 | okar variants | 493 | 0.00046 | -0.06094 | 0.02775 | -0.00267 | -0.02538 | 0.00919 | 0.05160 |
| 141 | eka | 191 | -0.00563 | 0.04087 | 0.02679 | -0.05637 | -0.04180 | 0.05623 | -0.02011 |
| 142 | [yo]d[ao]i0-4[lrm \| n] | 880 | 0.00801 | 0.12284 | 0.02658 | -0.16680 | 0.01270 | -0.04021 | 0.03687 |
| 143 | Consonant Clusters | 115 | 0.00307 | -0.05073 | 0.02634 | 0.01274 | -0.05928 | 0.05159 | 0.01627 |
| 144 | od[ao]i0-4[lrm \| n] | 813 | 0.00544 | 0.11293 | 0.02628 | -0.17127 | 0.01074 | -0.02546 | 0.04133 |
| 145 | cear nouns | 62 | -0.00563 | 0.15741 | 0.02493 | -0.15500 | -0.00346 | -0.00465 | -0.01360 |
| 146 | [yo]ce4y + s infixes | 172 | 0.01763 | 0.04882 | 0.02381 | -0.06516 | -0.02147 | -0.00559 | 0.00196 |
| 147 | [yo][fp]o | 95 | -0.00563 | -0.05210 | 0.02222 | -0.08199 | 0.11097 | -0.11042 | 0.11696 |
| 148 | opce0-4y | 111 | -0.00563 | 0.03012 | 0.02203 | -0.11519 | -0.03194 | 0.03647 | 0.06414 |
| 149 | oy + oe4y | 207 | 0.02336 | 0.06811 | 0.02151 | -0.14861 | 0.08178 | -0.03247 | -0.01368 |
| 150 | otam variants | 88 | -0.00563 | -0.01012 | 0.02090 | -0.13044 | -0.03389 | 0.06207 | 0.09710 |

Table 26.3: Commonly Held Astrological Property Assignments for Each Zodiac Sign[47]

| | | | | | | | | | | | | Decanate | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sign | Date Begin | Date End | Domicile | Detriment | Exaltation | Fall | Triplicity | Triplicity Day Ruler | Triplicity Night Ruler | Triplicity Participating Ruler | Quadruplicity | #1 | #2 | #3 |
| Pisces | 02-19 | 03-21 | Jupiter | Mercury | Venus | Mercury | Water | Venus | Mars | The Moon | Mutable | Saturn | Jupiter | Mars |
| Aries Dark | 03-21 | 04-05 | Mars | Venus | The Sun | Saturn | Fire | The Sun | Jupiter | Saturn | Cardinal | Mars | The Sun | Venus |
| Aries Light | 04-05 | 04-20 | | | | | | | | | | | | |
| Taurus Light | 04-20 | 05-05 | Venus | Mars | The Moon | None | Earth | Venus | The Moon | Mars | Fixed | Mercury | The Moon | Saturn |
| Taurus Dark | 05-06 | 05-21 | | | | | | | | | | | | |
| Gemini | 05-21 | 06-21 | Mercury | Jupiter | None | None | Air | Saturn | Mercury | Jupiter | Mutable | Jupiter | Mars | The Sun |
| Cancer | 06-21 | 07-23 | The Moon | Saturn | Jupiter | Mars | Water | Venus | Mars | The Moon | Cardinal | Venus | Mercury | The Moon |
| Leo | 07-23 | 08-23 | The Sun | Saturn | None | None | Fire | The Sun | Jupiter | Saturn | Fixed | Saturn | Jupiter | Mars |
| Virgo | 08-23 | 09-23 | Mercury | Jupiter | Mercury | Venus | Earth | Venus | The Moon | Mars | Mutable | The Sun | Venus | Mercury |
| Libra | 09-23 | 10-23 | Venus | Mars | Saturn | The Sun | Air | Saturn | Mercury | Jupiter | Cardinal | The Moon | Saturn | Jupiter |
| Scorpio | 10-23 | 11-22 | Mars | Venus | None | The Moon | Water | Venus | Mars | The Moon | Fixed | Mars | The Sun | Venus |
| Sagittarius | 11-22 | 12-22 | Jupiter | Mercury | None | None | Fire | The Sun | Jupiter | Saturn | Mutable | Mercury | The Moon | Saturn |
| Capricorn | 12-22 | 01-20 | Saturn | The Moon | Mars | Jupiter | Earth | Venus | The Moon | Mars | Cardinal | Jupiter | Mars | The Sun |
| Aquarius | 01-20 | 02-19 | Saturn | The Sun | None | None | Air | Saturn | Mercury | Jupiter | Fixed | Venus | Mercury | The Moon |

Table 26.4: Date Ranges for the Zodiac Nymph Labels

| Winter → Spring | | | Spring | | | Summer | | | Fall | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Pisces Outer** | | | **Taurus Light Outer** | | | **Cancer Outer** | | | **Libra Outer** | | |
| #1 (oky ody) | 2-19 | 2-23 | #1 (okolar) | 4-20 | 4-22 | #1 (oraiin am) | 6-21 | 6-24 | #1 (ocfcsey) | 9-23 | 9-28 |
| #2 (oty ar) | 2-20 | 2-24 | #2 (otceody) | 4-21 | 4-23 | #2 (os ar cseeeen) | 6-22 | 6-25 | #2 (oees) | 9-24 | 9-29 |
| #3 (okaly) | 2-21 | 2-25 | #3 (al cpey) | 4-22 | 4-24 | #3 (oto *aiin) | 6-23 | 6-26 | #3 (okeeoly) | 9-25 | 9-30 |
| #4 (otody) | 2-22 | 2-26 | #4 (otaiiin) | 4-23 | 4-25 | #4 (opoiiin oin al aes) | 6-24 | 6-27 | #4 (odal) | 9-26 | 10-01 |
| #5 (otald) | 2-23 | 2-27 | #5 (okaraiin) | 4-24 | 4-26 | #5 (ypaiiin aloly) | 6-25 | 6-28 | #5 (aiin od) | 9-27 | 10-02 |
| #6 (otal dar) | 2-24 | 2-28 | #6 (okar ar aly) | 4-25 | 4-27 | #6 (oteey daiiin) | 6-26 | 6-29 | #6 (odady) | 9-28 | 10-03 |
| #7 (olody) | 2-25 | 3-01 | #7 (opalar am dan) | 4-26 | 4-28 | #7 (oeeeodaiin) | 6-27 | 6-30 | #7 (oteod) | 9-29 | 10-04 |
| #8 (opys am) | 2-26 | 3-02 | #8 (opalor ar) | 4-27 | 4-29 | #8 (ofcseoldy) | 6-28 | 7-01 | #8 (yteod) | 9-30 | 10-05 |
| #9 (ceckcey) | 2-27 | 3-03 | #9 (cear orom) | 4-28 (or 4-20) | 4-30 | #9 (opoeey okaiiin) | 6-29 | 7-02 | #9 (okeeody) | 10-01 | 10-06 |
| #10 (otaly) | 2-28 | 3-04 | #10 (cefaly) | 4-29 (or 4-20-21) | 4-29 | #10 (ykal air ol) | 6-30 (or 6-21) | 7-03 | #10 (okal) | 10-02 | 10-07 |
| #11 (otal arar) | 3-01 | 3-05 | **Taurus Light Interior** | | | #11 (ollal aiin) | 7-01 (or 6-21-22) | 7-04 | #11 (ytaly) | 10-03 | 10-08 |
| #12 (otal dy) | 3-02 | 3-06 | #1 (otalody) | 4-30 | 5-01 | #12 (olalsy) | 7-02 (or 6-21-23) | 7-05 | #12 (oeeeos) | 10-04 | 10-09 |
| #13 (okeoly) | 3-03 | 3-07 | #2 (otalaiin) | 5-01 | 5-02 | **Cancer Intermediate** | | | #13 (oteofy) | 10-05 | 10-10 |
| #14 (oky dy) | 3-04 | 3-08 | #3 (otar csear) | 5-02 | 5-03 | #1 (ytairal) | 7-03 | 7-05 | #14 (ceeoepy) | 10-06 | 10-11 |
| #15 (okees) | 3-05 | 3-09 | #4 (cseol csedy) | 5-03 | 5-04 | #2 (oeees aiin) | 7-04 | 7-06 | #15 (ykeedy) | 10-07 | 10-12 |
| #16 (otalalg) | 3-06 (or 2-19) | 3-10 | #5 (ofacfom) | 5-04 (or 4-20) | 5-05 | #3 (ory) | 7-05 | 7-07 | #16 (oeeoty) | 10-08 (or 9-23) | 10-13 |
| #17 (okady) | 3-07 (or 2-19-20) | 3-11 | **Taurus Dark Outer** | | | #4 (oceey fydy) | 7-06 | 7-08 | #17 (octey) | 10-09 (or 9-23-24) | 10-19 |
| #18 (otar) | 3-08 (or 2-19-21) | 3-12 | #1 (oaiin ar ary) | 5-06 | 5-08 | #5 (ofais oeees aly) | 7-07 | 7-09 | #18 (oteoly) | 10-10 (or 9-23-25) | 10-19 |
| #19 (oty) | 3-09 (or 2-19-22) | 3-13 | #2 (okalam) | 5-07 | 5-09 | #6 (ykairaiin oiral) | 7-08 | 7-10 | #19 (okeoly) | 10-11 (or 9-23-26) | 10-19 |
| **Pisces Interior** | | | #3 (ytal csedy) | 5-08 | 5-10 | #7 (okalar) | 7-09 | 7-11 | #20 (oees) | 10-12 (or 9-23-27) | 10-19 |
| #1 (otalar) | 3-10 | 3-12 | #4 (cear alef) | 5-09 | 5-11 | #8 (orary) | 7-10 | 7-12 | **Libra Interior** | | |
| #2 (otalam) | 3-11 | 3-13 | #5 (otaraldy) | 5-10 | 5-12 | #9 (olaiin olackey) | 7-11 | 7-13 | #1 (okeey) | 10-13 | 10-15 |
| #3 (dolar am) | 3-12 | 3-14 | #6 (otaiiin otain) | 5-11 | 5-13 | #10 (olf cseeor al) | 7-12 (or 6-21) | 7-14 | #2 (oiiiny) | 10-14 | 10-16 |
| #4 (okaram) | 3-13 | 3-15 | #7 (otalef ys ain am) | 5-12 | 5-14 | #11 (ar alkam) | 7-13 (or 6-21-22) | 7-15 | #3 (oeey) | 10-15 | 10-17 |
| #5 (oteosal) | 3-14 | 3-16 | #8 (oceol cear am) | 5-13 | 5-15 | **Cancer Interior** | | | #4 (okogy) | 10-16 | 10-18 |
| #6 (salols) | 3-15 | 3-17 | #9 (ocseodody) | 5-14 (or 5-06) | 5-16 | #1 (yfary) | 7-14 | 7-15 | #5 (ypaim) | 10-17 | 10-19 |
| #7 (okal dal) | 3-16 | 3-18 | #10 (cedaiir sain y) | 5-15 (or 5-06-07) | 5-17 | #2 (os ais al) | 7-15 | 7-16 | #6 (okalair) | 10-18 | 10-20 |
| #8 (ykolaiin) | 3-17 | 3-19 | **Taurus Dark Interior** | | | #3 (ytoar cseor) | 7-16 | 7-17 | #7 (oeeody) | 10-19 | 10-21 |
| #9 (okar am) | 3-18 (or 2-19) | 3-20 | #1 (otceo csey) | 5-16 | 5-17 | #4 (octeo) | 7-17 | 7-18 | #8 (okeol) | 10-20 | 10-22 |
| #10 (otaral) | 3-19 (or 2-19-20) | 3-21 | #2 (otcedal) | 5-17 | 5-18 | #5 (aral) | 7-18 | 7-19 | #9 (oeeoly) | 10-21 (or 9-23) | 10-23 |
| **Aries Dark Outer** | | | #3 (okeey ary) | 5-18 | 5-19 | #6 (oletal) | 7-19 | 7-20 | #10 (okydy) | 10-22 (or 9-23-24) | 10-24 |
| #1 (opceey sal) | 3-21 | 3-23 | #4 (otainy) | 5-19 | 5-20 | #7 (opalal) | 7-20 (or 6-21) | 7-21 | **Scorpio Top** | | |
| #2 (otokaim an) | 3-22 | 3-24 | #5 (ofaralar) | 5-20 | 5-21 | **Leo Outer** | | | #1 (otaly) | 10-23 | 10-27 |
| #3 (okalal) | 3-23 | 3-25 | **Gemini Top** | | | #1 (okey) | 7-23 | 7-27 | #2 (ceockey) | 10-24 | 10-28 |
| #4 (otaly) | 3-24 | 3-26 | #1 (ofcedady) | 5-21 | 5-25 | #2 (otceeody) | 7-24 | 7-28 | #3 (okedy) | 10-25 | 10-29 |
| #5 (oal ceeg) | 3-25 | 3-27 | #2 (oklair dy) | 5-22 | 5-26 | #3 (okyeecsey) | 7-25 | 7-29 | #4 (yteeody) | 10-26 | 10-30 |
| #6 (oteeodals) | 3-26 | 3-28 | #3 (okar am) | 5-23 | 5-27 | #4 (***ofaiin) | 7-26 | 7-30 | **Scorpio Outer** | | |
| #7 (okol csey) | 3-27 | 3-29 | #4 (okairy) | 5-24 | 5-28 | #5 (okoly) | 7-27 | 7-31 | #1 (oteedy l) | 10-27 | 10-31 |
| #8 (otcsecsedy) | 3-28 | 3-30 | #5 (okeolar) | 5-25 | 5-29 | #6 (otoly) | 7-28 | 8-01 | #2 (okeedy) | 10-28 | 11-01 |
| #9 (otol ypcsearal) | 3-29 (or 3-21) | 3-31 | **Gemini Outer** | | | #7 (ofal als) | 7-29 | 8-02 | #3 (okeey) | 10-29 | 11-02 |
| #10 (otal cey tar am dy) | 3-30 (or 3-22) | 3-30 | #1 (okal) | 5-26 | 5-30 | #8 (cseeeod ocfeey) | 7-30 | 8-03 | #4 (okeedy) | 10-30 | 11-03 |
| **Aries Dark Interior** | | | #2 (okaly) | 5-27 | 5-31 | #9 (daiiin cecpy) | 7-31 | 8-04 | #5 (ykeeory) | 10-31 | 11-04 |
| #1 (otolaiin) | 3-31 | 4-01 | #3 (okal) | 5-28 | 6-01 | #10 (oteey dceal) | 8-01 | 8-05 | #6 (oteeosy) | 11-01 | 11-05 |
| #2 (oteo alols araly) | 4-01 | 4-02 | #4 (okeey ary) | 5-29 | 6-02 | #11 (ceeolpy) | 8-02 | 8-06 | #7 (cseekal) | 11-02 | 11-06 |
| #3 (oteoeey otal okeal ar) | 4-02 | 4-03 | #5 (oteeary) | 5-30 | 6-03 | #12 (okeeol) | 8-03 | 8-07 | #8 (oteedy g) | 11-03 | 11-07 |
| #4 (otear araydy) | 4-03 | 4-04 | #6 (otair dy) | 5-31 | 6-04 | #13 (okaly) | 8-04 | 8-08 | #9 (okedal) | 11-04 | 11-08 |
| #5 (okoly) | 4-04 (or 3-21) | 4-05 | #7 (okair ceam) | 6-01 | 6-05 | #14 (okaldy) | 8-05 | 8-09 | #10 (cedy) | 11-05 | 11-09 |

| | | |
|---|---|---|
| **Aries Light Outer** | | |
| #1 (oteoaldy) | 4-05 | 4-07 |
| #2 (oteolar) | 4-06 | 4-08 |
| #3 (okeoaly) | 4-07 | 4-09 |
| #4 (otaleky) | 4-08 | 4-10 |
| #5 (otal dar) | 4-09 | 4-11 |
| #6 (ceeary) | 4-10 | 4-12 |
| #7 (oteotey sary) | 4-11 | 4-13 |
| #8 (otal aly) | 4-12 | 4-14 |
| #9 (oteos arar) | 4-13 (or 4-05) | 4-15 |
| #10 (oldam) | 4-14 (or 4-05-6) | 4-14 |
| **Aries Light Interior** | | |
| #1 (otol cedy) | 4-15 | 4-16 |
| #2 (otol oar am) | 4-16 | 4-17 |
| #3 (oteeol) | 4-17 | 4-18 |
| #4 (otolced) | 4-18 | 4-19 |
| #5 (otal dar) | 4-19 (or 4-05) | 4-20 |

| | | |
|---|---|---|
| #8 (okeal) | 6-02 | 6-06 |
| #9 (otarar) | 6-03 | 6-07 |
| #10 (okaly) | 6-04 | 6-08 |
| #11 (orary) | 6-05 | 6-09 |
| #12 | 6-06 | 6-10 |
| #13 (okyd) | 6-07 (or 5-21) | 6-11 |
| #14 (otolam) | 6-08 (or 5-21-22) | 6-12 |
| #15 (otar al dy) | 6-09 (or 5-21-23) | 6-13 |
| #16 (okalar) | 6-10 (or 5-21-24) | 6-14 |
| **Gemini Interior** | | |
| #1 (salal) | 6-11 | 6-13 |
| #2 (okam) | 6-12 | 6-14 |
| #3 (otal csey) | 6-13 | 6-15 |
| #4 (okaldy) | 6-14 | 6-16 |
| #5 (ceosar) | 6-15 | 6-17 |
| #6 (otam) | 6-16 | 6-18 |
| #7 (air aly) | 6-17 | 6-19 |
| #8 (okar ceam) | 6-18 (or 5-21) | 6-20 |
| #9 (otal) | 6-19 (or 5-21-22) | 6-21 |

| | | |
|---|---|---|
| #15 (okeolo) | 8-06 (or 7-23) | 8-10 |
| #16 (ogeom) | 8-07 (or 7-23-24) | 8-16 |
| #17 (oreeey) | 8-08 (or 7-23-25) | 8-16 |
| #18 (okam) | 8-09 (or 7-23-26) | 8-16 |
| **Leo Interior** | | |
| #1 (oky) | 8-10 | 8-13 |
| #2 (cectcey) | 8-11 | 8-14 |
| #3 (laly) | 8-12 | 8-15 |
| #4 (oeedy) | 8-13 | 8-16 |
| #5 (odair an) | 8-14 | 8-17 |
| #6 (okary) | 8-15 | 8-18 |
| #7 (oees aiin) | 8-16 | 8-19 |
| #8 (oteeded) | 8-17 | 8-20 |
| #9 (opal) | 8-18 | 8-21 |
| #10 (otaly) | 8-19 (or 7-23) | 8-22 |
| #11 (otoly yty) | 8-20 (or 7-23-24) | 8-23 |
| #12 (cseoleey) | 8-21 (or 7-23-25) | 8-24 |
| **Virgo Outer** | | |
| #1 (okeo ram) | 8-23 | 8-27 |
| #2 (airor m) | 8-24 | 8-28 |
| #3 (ocseesy) | 8-25 | 8-29 |
| #4 (okeory) | 8-26 | 8-30 |
| #5 (ceeoeley) | 8-27 | 8-31 |
| #6 (ceeoloy) | 8-28 | 9-01 |
| #7 (cseeoeky) | 8-29 | 9-02 |
| #8 (oteodar) | 8-30 | 9-03 |
| #9 (ofcedy sd) | 8-31 | 9-04 |
| #10 (oteeod) | 9-01 | 9-05 |
| #11 (yteody) | 9-02 | 9-06 |
| #12 (okeody) | 9-03 | 9-07 |
| #13 (okeoldy) | 9-04 | 9-08 |
| #14 (ykeeor) | 9-05 | 9-09 |
| #15 (opaiin ar) | 9-06 (or 8-23) | 9-10 |
| #16 (ceeoldy) | 9-07 (or 8-23-24) | 9-15 |
| #17 (oeedey) | 9-08 (or 8-23-25) | 9-15 |
| #18 (oeeo daiin) | 9-09 (or 8-23-26) | 9-15 |
| **Virgo Interior** | | |
| #1 (oekeol) | 9-10 | 9-13 |
| #2 (oeedy) | 9-11 | 9-14 |
| #3 (opal g) | 9-12 | 9-15 |
| #4 (okeeom) | 9-13 | 9-16 |
| #5 (olkar) | 9-14 | 9-17 |
| #6 (oeedaly) | 9-15 | 9-18 |
| #7 (ceeosy) | 9-16 | 9-19 |
| #8 (ofceeey) | 9-17 | 9-20 |
| #9 (yteedy) | 9-18 | 9-21 |
| #10 (oraiin) | 9-19 (or 8-23) | 9-22 |
| #11 (okeo rar) | 9-20 (or 8-23-24) | 9-23 |
| #12 (okaiiiny) | 9-21 (or 8-23-25) | 9-24 |

| | | |
|---|---|---|
| #11 (dal cseey) | 11-06 | 11-10 |
| #12 (opaiin) | 11-07 | 11-11 |
| #13 (okeos) | 11-08 (or 10-23) | 11-12 |
| #14 (otey) | 11-09 (or 10-23-24) | 11-13 |
| #15 (otaly) | 11-10 (or 10-23-25) | 11-14 |
| #16 (okeody) | 11-11 (or 10-23-26) | 11-15 |
| **Scorpio Interior** | | |
| #1 (okary) | 11-12 | 11-14 |
| #2 (okeeody) | 11-13 | 11-15 |
| #3 (oyteedy) | 11-14 | 11-16 |
| #4 (oky) | 11-15 | 11-17 |
| #5 (ceefy) | 11-16 | 11-18 |
| #6 (otal) | 11-17 | 11-19 |
| #7 (cseek) | 11-18 | 11-20 |
| #8 (ar) | 11-19 | 11-21 |
| #9 (kar) | 11-20 | 11-22 |
| #10 (okeos) | 11-21 | 11-23 |
| **Sagittarius Top** | | |
| #1 (okol) | 11-22 | 11-26 |
| #2 (oteody) | 11-23 | 11-27 |
| #3 (oteody) | 11-24 | 11-28 |
| #4 (ceeody) | 11-25 | 11-29 |
| **Sagittarius Outer** | | |
| #1 (odees) | 11-26 | 11-30 |
| #2 (cecsey) | 11-27 | 12-01 |
| #3 (ykeor) | 11-28 | 12-02 |
| #4 (opals) | 11-29 | 12-03 |
| #5 (ykeody) | 11-30 | 12-04 |
| #6 (okeody) | 12-01 | 12-05 |
| #7 (ypaiiin) | 12-02 | 12-06 |
| #8 (yfaiiin y) | 12-03 | 12-07 |
| #9 (ofceeesy) | 12-04 | 12-08 |
| #10 (oraiiny) | 12-05 | 12-09 |
| #11 (ykeeody) | 12-06 | 12-10 |
| #12 (okeos) | 12-07 | 12-11 |
| #13 (ykeear) | 12-08 (or 11-22) | 12-12 |
| #14 (qokeoly) | 12-09 (or 11-22-23) | 12-13 |
| #15 (okeody) | 12-10 (or 11-22-24) | 12-14 |
| #16 (cseeol) | 12-11 (or 11-22-25) | 12-15 |
| **Sagittarius Interior** | | |
| #1 (ceeg) | 12-12 | 12-14 |
| #2 (oky) | 12-13 | 12-15 |
| #3 (arair) | 12-14 | 12-16 |
| #4 (okal) | 12-15 | 12-17 |
| #5 (ykey) | 12-16 | 12-18 |
| #6 (ykeeo) | 12-17 | 12-19 |
| #7 (okeod) | 12-18 | 12-20 |
| #8 (ykey) | 12-19 | 12-21 |
| #9 (ypal) | 12-20 | 12-22 |
| #10 (otedy) | 12-21 | 12-23 |

Table 26.5 Candidates to Directly Represent Planet Names, Based on PPV Scoring

| Usage Properties | Identification Index | Share of the Manuscript-Wide Identification Index | Best Voynich Categories | Distinct Word Count | Document Word Count | True Positive vs. False Positive Ratio | PPV Probability Difference Score |
|---|---|---|---|---|---|---|---|
| Saturn | 24.2 | 0.25501 | #55 od[ao]i0-4m | 23 | 34 | 4.4:6.7 | 0.14139 |
| | | | #56 odai0-4m | 22 | 33 | 4.4:6.7 | 0.14139 |
| | | | #61 [yo]d[ao]i0-4m | 25 | 37 | 4.4:6.9 | 0.13437 |
| | | | #62 yodai0-4m | 24 | 36 | 4.4:6.9 | 0.13437 |
| | | | #7 okom variants | 6 | 13 | 2.6:1.4 | 0.39499 |
| | | | #12 [yo][fptk]e4om | 4 | 13 | 1.8:1.4 | 0.30749 |
| | | | #48 ceam variants | 32 | 76 | 5.6:8.2 | 0.15079 |
| | | | #79 [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om | 12 | 54 | 5.4:9.8 | 0.10025 |
| | | | #36 oce4y | 32 | 60 | 5.6:7.2 | 0.18249 |
| | | | #63 [yo]ce4y | 41 | 113 | 9:14.2 | 0.13292 |
| | | | #69 yce4y | 9 | 53 | 4.2:7 | 0.11999 |
| Mars | 21.9 | 0.23077 | #1 ydai0-4r | 6 | 12 | 2:0 | 0.76923 |
| | | | #10 yd[ao]i0-4r | 7 | 13 | 2:1 | 0.43590 |
| | | | #73 odai0-4r | 82 | 193 | 10.7:18.4 | 0.13693 |
| | | | #74 yodai0-4r | 88 | 205 | 10.7:18.4 | 0.13693 |
| | | | #89 od[ao]i0-4r | 94 | 215 | 10.7:20.2 | 0.11551 |
| | | | #44 oce4y | 32 | 60 | 5.2:7.6 | 0.17548 |
| | | | #58 [yo]ce4y | 41 | 113 | 9:14.2 | 0.15716 |
| Venus | 21.4 | 0.22550 | #165 odai0-4n | 110 | 410 | 14:37.3 | 0.04740 |
| | | | #183 yodai0-4n | 119 | 448 | 15:41.9 | 0.03812 |
| Jupiter | 18.4 | 0.19389 | #49 od[ao]i0-4l | 82 | 154 | 8.6:21.7 | 0.08994 |
| | | | #70 odai0-4l | 67 | 133 | 6.6:19.3 | 0.06094 |
| | | | #99 yodai0-4l | 75 | 143 | 6.6:20.9 | 0.04611 |
| | | | #39 [yo]doi0-4l | 16 | 22 | 3:6.8 | 0.11223 |
| | | | #42 [yo]doi0-4[lr] | 29 | 45 | 4.6:10.8 | 0.10481 |
| Mercury | 15.5 | 0.16333 | ode0-4d | 10 | 14 | 0.4:0.5 | 0.23667 |
| | | | cseodody in f43 #1 | | | | |
| Moon | 14.0 | 0.14752 | #26 od[fptk \| dlrsmg] | 1.600 | 5.200 | 0.23529 | 0.08777 |
| Sun | 12.6 | 0.13277 | #2 odees variants | 9 | 9 | 1.2:1.4 | 0.32877 |
| | | | cteodais in f52v Heliotrope #1 | | | | |

Table 26.6: Approximate Mappings of the 28 Lunar Mansions to f69v[48]

| Mansion # | Zodiac Angle | Mansion Names | Indicator Stars | Sign | Label |
|---|---|---|---|---|---|
| #1 | 0° Aries 00' - 12° Aries 51' | Al Nath (The Butting) | "Probably Sheratan and Mesarthim which mark the horns of Aries, hence the name of the mansion."[49] | Mars | okceey s |
| #2 | 12° Aries 51' - 25° Aries 42' | Al Butayn (The Little Belly) | Botein | Mars | okeody |
| #3 | 25° Aries 42' - 8° Taurus 34' | Al Thurayya (The Pleiades) | Alcyone | Mars → Venus | okodcey |
| #4 | 8° Taurus 35' - 21° Taurus 25' | Aldebaran (The Follower) | Aldebaran | Venus | okeod |
| #5 | 21° Taurus 26' - 4° Gemini 17' | Al Haq'ah | Meissa | Venus → Mercury | okey d |
| #6 | 4° Gemini 18' - 17° Gemini 08' | Al Hanah (or Al Tahayi/Al Maisan) | Alhena | Mercury | okeey dy |
| #7 | 4° Gemini 18' - 17° Gemini 08' | Al Dhira | Castor and Pollux | Mercury → Moon | oteey |
| #8 | 0° Cancer 00' - 12° Cancer 51' | Al Nathra | Praesape | Moon | sary dy |
| #9 | 12° Cancer 51' - 25° Cancer 42' | Al Tarf | Alterf | Moon → Sun | ykeody |
| #10 | 25° Cancer 42' - 8° Leo 34' | Al Jabba | Regulus | Sun | okolar |
| #11 | 8° Leo 35' - 21° Leo 25' | Al Zubra | Zosma | Sun → Mercury | saiir |
| #12 | 21° Leo 26' - 04° Virgo 17' | Al Sarfah | Denebola | | saral |
| #13 | 4° Virgo 18' - 17° Virgo 08' | Al Awwa | Zavijava | Mercury → Venus | okeod |
| #14 | 17° Virgo 08' - 00° Libra 00' | Al Simak | Spica | | ykey dy |
| #15 | 00° Libra 00' - 12° Libra 51' | Al Ghafr | Syrma | Venus | oteol |
| #16 | 12° Libra 51' - 25° Libra 42' | Al Zubana | Zuben Elgenubi and Zuben Eschalami | Venus | oteey s |
| #17 | 25° Libra 42' - 08° Scorpio 34' | Al-Iklil | Acrab and Deschubba | Venus → Mars | okeod |
| #18 | 08° Scorpio 34' - 21° Scorpio 25' | Al Qalb | Antares | Mars | okeol |
| #19 | 21° Scorpio 25' - 04° Sagittarius 17' | Al Ibrah | Shaula or Lesath | Mars → Jupiter | otody |
| #20 | 04° Sagittarius 17' - 17° Sagittarius 08' | Al Naaim | Ascella | Jupiter | ytody |
| #21 | 17° Sagittarius 08' - 00° Capricorn 00' | Al Balda | Albaldah | Jupiter → Saturn | oeedy |
| #22 | 00° Capricorn 00' - 12° Capricorn 51' | Sa'd al-Dhabih | Prima Giegi | Saturn | okody |
| #23 | 12° Capricorn 51' - 25° Capricorn 42' | Sa'd Bula | Al Bali | Saturn | ytary |
| #24 | 25° Capricorn 42' - 8° Aquarius 34' | Sa'd al Su'ud | Sadalsuud | Saturn | ykeey |
| #25 | 8° Aquarius 34' - 21° Aquarius 25' | Sa'd al-Akhbiyah | Sadalbachia | Saturn → Jupiter | oceo yk |
| #26 | 21° Aquarius 25' - 04° Pisces 17' | Al-Fargh al-Muqaddam | Markab | Jupiter | okeo dy |
| #27 | 04° Pisces 17' - 17° Pisces 08' | Al-Fargh al-Muakhkhar | Algenib and Alpheratz | Jupiter | okeey sar |
| #28 | 17° Pisces 08' - 00° Aries 00' | Batn al-Hut | Mirach | Jupiter → Mars | oar alys |

Table 26.7: Internal Concept Mappings of the Lunaria on f67r2

| Hypothetical Zodiac Mapping | Figure # | Star Divider (Roughly) | Faces | Inner Quadrants and Their Planet Mappings | | Outer Quadrants | Outer Ring | 28 Lunar Mansion Labels on f69v | Approximation Locations of 22 of 45 Angles on f69r | Approximation Locations of 16 Outer Quadrants on f69r |
|---|---|---|---|---|---|---|---|---|---|---|
| Pisces | #10 | sair | okadar | | | todaiin dain dy os ceoar aiin ceoeey sar dodaii* | ykces ykceos | #28 oar alys<br>#27 okeey sar<br>#26 okeo dy (& Aquarius) | #13 dkocey cteody dy at 0°<br>separating Pisces from Aries<br>#14 ceodcey ceotal | #13 ytceeo dy tor<br>#14 yteos ceoep otaky |
| Aquarius | #11 | | qotoear | dal csesody | Saturn | opodceol dain aldy socey doiin oldy | ykceyr aram | #25 oceo yk<br>#24 ykeey (& Capricorn) | #15 okeo cseo qotam<br>Green Marker at 315°<br>#16 okeodar oteody | #15 ar odair cetaly |
| Capricorn | #12 | soeor | dceodar | | | odaiin otois oekain y otceoy sorais dy qofcey daiin dal | ykeceo ols eesydy | #23 ytary<br>#22 okody<br>#21 oeedy (& Sagittarius) | #17 ykeeos al dair dar<br>#18 ykeey dal oky | #16 oto dar ar ceol |
| Sagittarius | #1 | | ysaldal | okal | Jupiter | ydceos ain ar amy ceocfey saral rain am or | soy cses okar | #20 ytody<br>#19 otody (& Scorpio) | #19 doly dal dar ceyky<br>winter solstice at 270°<br>#20 okceol qokol daly | #1 okeeo ceey dy |
| Scorpio | #2 | cpeeey | ytodal | | | opor cey sal saiin sodar ofor as ydam | cseekcey *ykor | #18 okeol<br>#17 okeod (& Libra) | #21 ykeceody otar<br>Green Marker at 225°<br>#22 dary dar aloly | #2 dceo cear ar |
| Libra | #3 | okodas | tol daiin | okain am | Venus | yteoor yto ykor okeor aiin am | ykeody okcey | #16 oteey s<br>#15 oteol<br>#14 ykey dy (& Virgo) | Demarcation<br>#1 okeeo ctey okar ar | #3 ytal air al<br>#4 csey cetairy |
| Virgo | #4 | | otardy | opceoldy | Mercury | ytody saiin oceol olol | dceetdy | #13 okeod<br>#12 saral (& Leo) | #2 ceey ar cteor ary at 180°<br>fall solstice<br>#3 sair ceekey dair am | #5 ytoetear<br>#6 ytey ceolam |
| Leo | #5 | oepceol | ceodalg | dfar oeoldan | Sun | dorar odar ais aloiin dokan oear odal | rfceykceey ykceys | #11 saiir<br>#10 okolar (& Cancer) | #4 okeeo dal okas as<br>Green Marker at 135° | #7 dair ar yteey cedy<br>#8 okair os air |
| Cancer | #6 | sactcey | ytceodly | ytoaiin | Moon | ceol daiin okol ytor daiin or | cekcedar | #9 ykeody<br>#8 sary dy | #5 sol aiir okey tam<br>#6 okeos ar alg | # 9 cey to s aly |
| Gemini | #7 | | octeys | | | otoldos octeoly sor ceedaiin dy yteos oiin om | ykar ykaly | #7 oteey<br>#6 okeey dy<br>#5 okey d (& Taurus) | #7 doceeeo kody sar at 90°<br>#8 dceokey csekceody al | #10 ceetar ar aly |
| Taurus | #8 | osar | ytokar | | | ytoeopceey ceekody socseo ceos ockey daiin aiin os ys m | lkcseykcey okar | #4 okeod<br>#3 okodcey (& Aries) | #9 ceor al ylcey ral<br>Green Marker at 45°<br>#10 soir al okody otedy | #11 dalr al ody |
| Aries | #9 | oran | otolor | yfain | Mars | ofydy cseeody aiin yceeody cse odaiiin yekees oraly | ceky ceykcer cey | #2 okeody<br>#1 okceey s | #11 okody ceeody sar<br>#12 ceokeod okeey | #12 dal daiin otolam |
| | | **Corresponding Labels** | | | | | | | | |
| | #1 | dar aldaiin ydaiin qkoy ydaiin qofair ypair ykoaiin ydoly ytal ceos oly okey | | | | | #2 scseey sy cseees qeykeey ykceey ykceey qokeocey oaiin okal ar ol** | | | |
| | #3 | ycseey qokeeody ceeos oeeos qockey ceos aiin okeeody qokoaiin odaiin ar oir oy | | | | | | | | |

Table 27.1: Top-Ranked Word Categories for Section 6, on the Rosette Foldout

| | | | Section Affinity | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| # | Category | Distinct Word Count | Word Count | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | ytai0-4n | 4 | 59 | 0.02827 | -0.03997 | -0.10410 | -0.10251 | -0.06798 | -0.02461 | 0.31089 |
| 2 | o[fptk][ao]d | 81 | 185 | -0.00563 | 0.03552 | 0.09050 | -0.17645 | 0.01851 | -0.14911 | 0.18666 |
| 3 | [yo][fp]ai0-4[m] | 47 | 111 | -0.00563 | -0.15006 | 0.14815 | -0.15122 | -0.03194 | 0.00944 | 0.18125 |
| 4 | ykai0-4n | 14 | 73 | 0.00807 | 0.11675 | -0.04930 | -0.06397 | -0.06798 | -0.11446 | 0.17089 |
| 5 | o[fptk]edai4n | 36 | 59 | -0.00563 | -0.19251 | -0.10410 | -0.15336 | -0.06798 | 0.38217 | 0.14140 |
| 6 | o[fptk]ody | 17 | 85 | -0.00563 | 0.07050 | 0.08414 | -0.18726 | 0.02614 | -0.12590 | 0.13801 |
| 7 | [yo][fp][yoa] | 181 | 339 | -0.00563 | -0.08772 | 0.10239 | -0.11056 | 0.02642 | -0.05466 | 0.12975 |
| 8 | [yo]e0-4[fp]e0-4[yo] | 97 | 149 | -0.00563 | 0.00781 | 0.01671 | -0.10001 | 0.09310 | -0.13119 | 0.11922 |
| 9 | o[fptk]edar | 30 | 72 | -0.00563 | -0.18310 | -0.02076 | -0.02059 | -0.06798 | 0.17949 | 0.11856 |
| 10 | o[fptk][dlrsmg] | 49 | 68 | -0.00563 | -0.11774 | -0.05998 | 0.00392 | -0.03857 | 0.10351 | 0.11448 |
| 11 | cedar variants | 65 | 176 | -0.00563 | -0.18057 | -0.03023 | -0.03953 | -0.06230 | 0.20979 | 0.10846 |
| 12 | o[fptk]eda[lrsm \| n] | 87 | 184 | -0.00563 | -0.19095 | -0.03888 | -0.04052 | -0.06798 | 0.23746 | 0.10649 |
| 13 | edo | 64 | 90 | -0.00563 | -0.08310 | -0.08188 | -0.00948 | -0.04575 | 0.12116 | 0.10468 |
| 14 | o[fptk][ao]s | 32 | 66 | -0.00563 | -0.11239 | 0.18378 | -0.09635 | 0.03808 | -0.11218 | 0.10468 |
| 15 | yodai0-4r | 88 | 205 | 0.00413 | 0.01799 | 0.06176 | -0.15799 | 0.00032 | -0.02519 | 0.09898 |
| 16 | otam variants | 13 | 88 | -0.00563 | -0.01012 | 0.02090 | -0.13044 | -0.03389 | 0.06207 | 0.09710 |
| 17 | o[fptk]ce4[lrsmg] | 50 | 57 | -0.00563 | -0.01351 | 0.03625 | -0.11708 | -0.01535 | 0.01940 | 0.09590 |
| 18 | otce0-4dy | 19 | 172 | -0.00563 | -0.09072 | -0.08084 | -0.01865 | -0.06798 | 0.16883 | 0.09499 |
| 19 | [yo]d[ao]i0-4r | 101 | 228 | 0.00315 | 0.03474 | 0.04941 | -0.16094 | 0.02413 | -0.04200 | 0.09152 |
| 20 | oe0-4[fp]oe0-4[lr] | 42 | 71 | -0.00563 | -0.09702 | 0.03675 | -0.04641 | 0.15738 | -0.12391 | 0.07885 |
| 21 | olt | 48 | 65 | -0.00563 | -0.06344 | 0.01898 | 0.15120 | -0.06798 | -0.10961 | 0.07647 |
| 22 | o[tk][ao]s | 28 | 58 | -0.00563 | -0.12179 | 0.18901 | -0.08381 | 0.05271 | -0.10643 | 0.07594 |
| 23 | g | 87 | 132 | -0.00563 | 0.06185 | 0.13833 | -0.12665 | 0.04566 | -0.18793 | 0.07437 |
| 24 | [yo]c + e4dy | 45 | 110 | -0.00563 | -0.13057 | -0.04955 | 0.04911 | -0.04070 | 0.10297 | 0.07437 |
| 25 | ol[tk] | 234 | 621 | -0.00563 | -0.17665 | -0.05579 | 0.17989 | -0.04543 | 0.03033 | 0.07327 |
| 26 | olk | 187 | 557 | -0.00563 | -0.19008 | -0.06460 | 0.18438 | -0.04284 | 0.04611 | 0.07266 |
| 27 | orai0-4n | 40 | 135 | -0.00563 | -0.07939 | -0.05225 | -0.06133 | 0.07276 | 0.05449 | 0.07134 |
| 28 | cedai4[lrsm \| n] | 200 | 527 | -0.00563 | -0.13292 | -0.04717 | -0.06582 | -0.06418 | 0.24488 | 0.07084 |
| 29 | a[lr][fptk] | 54 | 83 | -0.00563 | -0.20987 | -0.00771 | -0.09087 | -0.06798 | 0.31152 | 0.07054 |
| 30 | o[fptk]c + e0-4dy | 66 | 554 | -0.00563 | -0.11912 | -0.07883 | 0.02935 | -0.06076 | 0.16700 | 0.06797 |
| 31 | opce0-4y | 25 | 111 | -0.00563 | 0.03012 | 0.02203 | -0.11519 | -0.03194 | 0.03647 | 0.06414 |
| 32 | eda | 341 | 784 | -0.00563 | -0.15007 | -0.03522 | -0.06098 | -0.06415 | 0.25304 | 0.06301 |
| 33 | otar variants | 44 | 345 | -0.00273 | -0.13189 | 0.04663 | -0.04813 | -0.05348 | 0.12695 | 0.06265 |
| 34 | y[fptk]-initial | 361 | 1295 | -0.00022 | 0.13128 | 0.06733 | -0.11776 | -0.00234 | -0.14062 | 0.06233 |
| 35 | okce0-4dy | 15 | 188 | -0.00563 | -0.11336 | -0.06686 | 0.05742 | -0.05202 | 0.12009 | 0.06035 |
| 36 | opc + e0-4 + y \| dy \| o[dlrs]y | 69 | 302 | -0.00563 | -0.07235 | -0.04118 | -0.03825 | -0.03818 | 0.13837 | 0.05721 |
| 37 | oi4[dlrsmg \| n] | 13 | 1124 | -0.00029 | -0.05488 | -0.04360 | 0.10100 | 0.02010 | -0.07778 | 0.05545 |
| 38 | ai4[dlrsmg \| n] | 21 | 1519 | -0.00168 | -0.13884 | 0.08748 | -0.11945 | -0.02650 | 0.14380 | 0.05519 |
| 39 | odai0-4[lr] | 149 | 326 | 0.00358 | 0.06162 | 0.11676 | -0.16885 | -0.00969 | -0.05799 | 0.05457 |
| 40 | cedaiin variants | 64 | 189 | -0.00563 | -0.10902 | -0.07235 | -0.11318 | -0.06269 | 0.30846 | 0.05441 |
| 41 | ora | 98 | 241 | -0.00563 | -0.09919 | 0.00794 | -0.07107 | 0.09800 | 0.01576 | 0.05419 |
| 42 | e[fp][yoa] | 64 | 79 | -0.00563 | 0.06022 | 0.08578 | -0.11131 | -0.00469 | -0.07631 | 0.05193 |
| 43 | ai4r | 4 | 483 | 0.00058 | -0.12650 | 0.14228 | -0.12929 | -0.05141 | 0.11246 | 0.05188 |
| 44 | opce0-4dy | 17 | 159 | -0.00563 | -0.16213 | -0.09781 | 0.03287 | -0.06169 | 0.24317 | 0.05122 |
| 45 | [yo]c[fp] | 50 | 62 | -0.00563 | 0.09289 | 0.08945 | -0.13887 | 0.01267 | -0.10142 | 0.05091 |
| 46 | o[tk]e4s | 33 | 98 | 0.00458 | -0.10033 | 0.25305 | -0.02399 | -0.03736 | -0.14619 | 0.05025 |
| 47 | [yo]tai0-4n | 26 | 490 | 0.00050 | -0.11257 | -0.05716 | -0.01175 | -0.05777 | 0.19054 | 0.04821 |
| 48 | d[fptk \| drs] | 42 | 56 | 0.01223 | 0.11651 | 0.09233 | -0.06226 | -0.05012 | -0.15384 | 0.04515 |
| 49 | oe4y | 27 | 66 | -0.00563 | -0.14269 | 0.06257 | -0.12665 | 0.09869 | 0.06964 | 0.04407 |
| 50 | osa | 42 | 66 | -0.00563 | -0.05178 | 0.09287 | -0.15695 | 0.11384 | -0.03642 | 0.04407 |
| 51 | ol[dtk] | 340 | 842 | -0.00325 | -0.08756 | -0.04947 | 0.12984 | 0.01160 | -0.04369 | 0.04252 |
| 52 | oda | 320 | 847 | 0.00854 | 0.11075 | 0.03286 | -0.16601 | 0.00404 | -0.03209 | 0.04191 |
| 53 | odai0-4n | 108 | 408 | 0.00908 | 0.11756 | -0.03302 | -0.17255 | 0.00800 | 0.02998 | 0.04095 |
| 54 | or[oa] | 156 | 340 | -0.00269 | -0.07362 | -0.01586 | -0.01667 | 0.07614 | -0.00826 | 0.04095 |
| 55 | cedal variants | 54 | 127 | -0.00563 | -0.11310 | -0.01748 | -0.02190 | -0.06798 | 0.18572 | 0.04037 |
| 56 | otc + e0-4 + y \| dy \| o[dlrs]y | 91 | 493 | -0.00563 | 0.17638 | -0.02905 | -0.08989 | -0.06189 | -0.02935 | 0.03943 |
| 57 | ai4[dlrsmg] | 14 | 930 | -0.00240 | -0.15335 | 0.13676 | -0.12919 | -0.03679 | 0.14589 | 0.03908 |
| 58 | ai4[lr] | 6 | 782 | -0.00179 | -0.15610 | 0.13375 | -0.12204 | -0.04752 | 0.15722 | 0.03647 |
| 59 | y-initial | 569 | 1926 | 0.00112 | 0.11182 | 0.04284 | -0.09899 | -0.00152 | -0.09141 | 0.03614 |
| 60 | o[fptk]o | 18 | 51 | 0.01398 | 0.05873 | 0.19002 | -0.18726 | 0.01045 | -0.12198 | 0.03605 |
| 61 | [fptk] + c \| c[s \| fptk] + e4dy | 19 | 196 | -0.00563 | -0.04421 | -0.09389 | 0.09846 | -0.06798 | 0.07830 | 0.03495 |
| 62 | [fptk \| dlrs] prefixes to dai4[lrsm \| n] | 51 | 83 | -0.00563 | -0.12553 | -0.03181 | -0.06678 | -0.03183 | 0.22718 | 0.03439 |
| 63 | [yo]e4 \| c + [fp] | 72 | 84 | -0.00563 | 0.07484 | 0.07447 | -0.13964 | 0.05107 | -0.08837 | 0.03325 |
| 64 | [fptk]ai4[lr] | 14 | 190 | -0.00036 | -0.05736 | 0.00117 | -0.00305 | -0.06798 | 0.09484 | 0.03275 |
| 65 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 290 | 1421 | -0.00281 | 0.09355 | -0.03443 | -0.05777 | -0.04757 | 0.01672 | 0.03231 |
| 66 | [dlrsmg]ai4m | 7 | 149 | -0.00563 | 0.13532 | 0.01671 | -0.10001 | 0.02598 | -0.10435 | 0.03197 |
| 67 | te4o | 32 | 75 | -0.00563 | -0.08087 | 0.04257 | -0.06726 | 0.01202 | 0.06782 | 0.03134 |
| 68 | o[fptk \| dlrsmg][ao]m | 87 | 280 | -0.00563 | 0.07365 | 0.01376 | -0.13011 | -0.01798 | 0.03544 | 0.03087 |
| 69 | a-axis of [yo][fptk][ao][lr] | 218 | 1731 | -0.00274 | -0.11801 | 0.08308 | 0.03400 | -0.03909 | 0.01289 | 0.02986 |
| 70 | c \| cs + e0-4d | 26 | 89 | -0.00563 | -0.08072 | -0.09286 | 0.00375 | -0.06798 | 0.21554 | 0.02790 |
| 71 | o[lr]a | 190 | 469 | -0.00563 | -0.14069 | 0.09206 | -0.04653 | 0.07488 | -0.00166 | 0.02756 |
| 72 | [dlrsmg] + ai4r | 10 | 190 | -0.00563 | -0.04158 | 0.05906 | -0.10831 | 0.01623 | 0.05274 | 0.02748 |
| 73 | a[lr]an | 25 | 56 | -0.00563 | -0.06206 | -0.01481 | -0.15154 | 0.00345 | 0.20330 | 0.02729 |
| 74 | ote4dy | 19 | 509 | -0.00563 | -0.16847 | -0.06873 | 0.17620 | -0.06798 | 0.10819 | 0.02642 |
| 75 | [yo]cse4y | 24 | 57 | 0.04701 | 0.02158 | 0.00117 | 0.00572 | -0.05043 | -0.05077 | 0.02573 |
| 76 | [yo]dy endings | 282 | 1228 | -0.00237 | 0.06166 | 0.05144 | -0.15143 | 0.05906 | -0.04350 | 0.02514 |
| 77 | a[lr][ao][lr] | 199 | 391 | -0.00563 | -0.20469 | 0.20537 | -0.02869 | -0.01171 | 0.02039 | 0.02497 |
| 78 | [yo][fptk][ao][lr] | 445 | 2688 | -0.00228 | -0.05537 | 0.06927 | -0.00050 | 0.00680 | -0.04186 | 0.02395 |
| 79 | dai4m | 4 | 130 | -0.00563 | 0.22887 | 0.01898 | -0.12572 | 0.03972 | -0.17884 | 0.02262 |
| 80 | or[yoa] | 198 | 438 | 0.00122 | -0.04078 | -0.00592 | -0.01602 | 0.08042 | -0.04140 | 0.02248 |
| 81 | l[drs] Prefixes | 27 | 95 | -0.00563 | -0.14684 | -0.06199 | 0.14958 | -0.04692 | 0.08958 | 0.02222 |
| 82 | om + o[fptk \| dlrsmg]am | 157 | 454 | -0.00342 | 0.10888 | 0.00163 | -0.12999 | 0.01572 | -0.01453 | 0.02171 |
| 83 | [fptk]ai4[dlrsmg \| n] | 33 | 411 | -0.00076 | -0.02413 | -0.03354 | -0.01208 | -0.06311 | 0.11288 | 0.02073 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 84 | faceys relatives | 54 | 61 | 0.04355 | -0.06470 | -0.00574 | -0.12168 | 0.01399 | 0.11460 | 0.01998 |
| 85 | oo | 44 | 62 | -0.00563 | 0.07676 | -0.03958 | -0.17113 | 0.15783 | -0.03691 | 0.01865 |
| 86 | [yo]te4od | 41 | 149 | -0.00563 | -0.15327 | 0.32543 | -0.16712 | 0.01256 | -0.03052 | 0.01855 |
| 87 | oe | 304 | 463 | -0.00563 | -0.06958 | 0.10973 | -0.12462 | 0.05729 | 0.01489 | 0.01792 |
| 88 | dairol/soral relatives | 113 | 190 | -0.00563 | -0.13631 | 0.13274 | 0.02853 | 0.05308 | -0.08937 | 0.01696 |
| 89 | [dlrsmg \| fptk] + ai4[dlrsmg] | 63 | 1444 | 0.00130 | -0.00335 | 0.04410 | 0.01150 | 0.00751 | -0.07801 | 0.01696 |
| 90 | cse0-4s | 43 | 102 | 0.00418 | -0.01970 | 0.18022 | -0.01079 | -0.01896 | -0.15139 | 0.01644 |
| 91 | otce0-4y | 47 | 281 | -0.00563 | 0.35348 | -0.04360 | -0.12676 | -0.05730 | -0.13650 | 0.01630 |
| 92 | Consonant Clusters | 35 | 115 | 0.00307 | -0.05073 | 0.02634 | 0.01274 | -0.05928 | 0.05159 | 0.01627 |
| 93 | ofc + e0-4 + y \| dy \| o[dlrs]y | 35 | 65 | -0.00563 | 0.09041 | 0.03436 | 0.02813 | -0.06798 | -0.09423 | 0.01493 |
| 94 | okc + e0-4 + y \| dy \| o[dlrs]y | 97 | 563 | 0.00148 | 0.11077 | -0.04193 | -0.05049 | -0.03778 | 0.00357 | 0.01439 |
| 95 | ed[yoa] | 940 | 5851 | -0.00546 | -0.14962 | -0.07385 | 0.16943 | -0.06302 | 0.10861 | 0.01389 |
| 96 | l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] | 38 | 186 | -0.00563 | -0.27808 | -0.09872 | -0.03134 | -0.05722 | 0.45772 | 0.01328 |
| 97 | otal variants | 43 | 333 | -0.00563 | -0.15607 | 0.14215 | 0.01695 | -0.02593 | 0.01545 | 0.01308 |
| 98 | od endings | 122 | 243 | 0.00672 | 0.20374 | -0.00122 | -0.17080 | 0.01433 | -0.06485 | 0.01208 |
| 99 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] | 46 | 230 | -0.00563 | -0.27247 | -0.09105 | -0.02204 | -0.05928 | 0.43855 | 0.01192 |
| 100 | o[fptk]ai4n | 91 | 1598 | 0.00063 | -0.13150 | -0.06154 | 0.08684 | -0.05609 | 0.14982 | 0.01185 |
| 101 | c + e4dy | 387 | 3053 | -0.00530 | -0.13764 | -0.07888 | 0.19335 | -0.06208 | 0.07884 | 0.01171 |
| 102 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4od | 21 | 68 | 0.00908 | 0.17638 | -0.03057 | -0.17255 | -0.02386 | 0.02998 | 0.01154 |
| 103 | [dlrsmg] + ai4[lr] + y-suffix | 20 | 1035 | 0.00404 | -0.02657 | 0.05726 | 0.03690 | 0.01608 | -0.09913 | 0.01144 |
| 104 | [fptk]ai4n | 9 | 191 | -0.00039 | -0.01148 | -0.07792 | -0.01448 | -0.06274 | 0.15571 | 0.01131 |
| 105 | yce4y + s infixes | 17 | 82 | 0.01876 | 0.02287 | -0.05532 | -0.01653 | -0.03139 | 0.05042 | 0.01118 |
| 106 | o[fptk]c + e0-4y | 144 | 753 | -0.00164 | 0.24630 | -0.02707 | -0.10758 | -0.04407 | -0.07698 | 0.01105 |
| 107 | [tk]e4o | 66 | 206 | -0.00077 | 0.01162 | 0.01726 | -0.10959 | 0.06309 | 0.00756 | 0.01082 |
| 108 | [q \| fptk \| dlrsmg] + oi0-4[lr] | 29 | 1819 | -0.00178 | -0.04022 | -0.06177 | 0.16678 | 0.02163 | -0.09523 | 0.01058 |
| 109 | oe sans oy + oe4y, oe0-4s | 231 | 317 | -0.00563 | -0.11124 | 0.11988 | -0.11155 | 0.06452 | 0.03346 | 0.01056 |
| 110 | c[fp]e4y + added c-sequences | 21 | 69 | 0.02336 | 0.14058 | -0.01714 | -0.07132 | 0.01898 | -0.10493 | 0.01047 |

Table 27.2: Traditional Mappings of the 4 Elements and 4 Humors to Other Key Object Hierarchies[50]

| Lunar Phases | Rosette # | 4 Elements | 4 Humors | Weather | Complexion | Temperament via Phases | Temperament via Humors | Temperament → Planets & Conjunctions | Organs |
|---|---|---|---|---|---|---|---|---|---|
| New Moon 0° | #8 | Water (alt. Air) | Phlegm | Cold/Moist | Pale | Sanguine | Phlegmatic | Venus, Moon (esp. conjunct at 270° Nadir) | Lungs, Brain |
| Waxing Moon 90° | #6 | Air (alt. Water) | Blood | Warm/Moist | Reddish | Choleric (2nd-3rd Quarter) | Sanguine | Jupiter, Mercury (esp. conjunct at 0° Ascendant) | Liver |
| Full Moon 180° | #4 | Fire | Yellow Bile (alt. black for Fire) | Warm/Dry | Jaundice | Melancholic | Choleric | Mars, Sun (esp. conjunct at 90° Midheaven) | Spleen |
| Waning Moon 270° | #2 | Earth | Black Bile (alt. yellow for Earth) | Cold/Dry | Dark | Phlegmatic (3rd-4th Quarter) | Melancholic | Saturn (esp. at 180° Descendant) | Gall Bladder |

Table 27.3: Traditional Mappings of the 4 Seasons to Other Key Object Hierarchies[51]

| Zodiac Triplicity | 4 Seasons | Weather | Planetary Governance for that Season |
|---|---|---|---|
| Aries-Gemini 0°-90° | Spring | Hot/Wet | Jupiter |
| Cancer-Virgo 90°-180° | Summer | Hot/Dry | Mars/Sun |
| Libra-Sagittarius 180°-270° | Fall | Cold/Dry | Saturn/Mercury |
| Capricorn-Pisces 270°-360° | Winter | Cold/Wet | Moon/Venus |

Table 27.4: Traditional Mappings of the 7 Planets to Other Key Object Hierarchies[52]

| Planet | Organ | Metal |
|---|---|---|
| Sun | Heart | Gold |
| Moon | Brain | Silver |
| Mercury | Lungs | Quicksilver |
| Venus | Kidneys | Copper |
| Mars | Gall bladder | Iron |
| Jupiter | Liver | Tin |
| Saturn | Spleen | Lead |

Table 27.5: Traditional Mappings of Anatomical Parts to the 12 Zodiacs[53]

| Zodiac | Governing Planet | General Body Part | Specific Body Parts |
|---|---|---|---|
| Aries | Mars | Head | Eyes, Adrenals, Blood Pressure |
| Taurus | Venus | Neck | Throat, Shoulders, Ears |
| Gemini | Mercury | Shoulders | **Lungs**, Nerves, Arms, Fingers |
| Cancer | Sun | Chest | Breasts, Sides, Some Bodily Fluids And Organs |
| Leo | Moon | Sides | Stomach, Heart, Spine, Upper Back, Spleen |
| Virgo | Jupiter | Belly | Abdomen, Intestines, Gallbladder, Pancreas, Liver |
| Libra | Venus | Buttocks | Hips, Lower Back, Kidneys, Endocrines |
| Scorpio | Mars | Genitalia | Pelvis, Urinary Bladder, Rectum |
| Sagittarius | Mercury | Thighs | Legs, Hips, Groin |
| Capricorn | Saturn | Knees | Shin, **Bones**, Skin, Sinew, Nerve |
| Aquarius | Saturn | Lower Leg | Ankle, Calf, Some Blood Vessels |
| Pisces | Jupiter | Feet | Sole, Extremity |

Table 28.1: Clustering of Zodiac Date Labels by Critical Slot-and-Filler Definitions

| **[yo]ta[lr]** | | **[yo]ka[lr]** | | **[yo][fp]a[lr]** | | **ote$^{0-4}$ol** | |
|---|---|---|---|---|---|---|---|
| Pisces Outer #5 | otald | Pisces Outer #3 | okaly | Taurus Light Outer #7 | opalar am dan | Aries Dark Outer #9 | otol ypcsearal |
| Pisces Outer #6 | otal dar | Pisces Interior #4 | okaram | Taurus Light Outer #8 | opalor ar | Aries Dark Interior #1 | otolaiin |
| Pisces Outer #10 | otaly | Pisces Interior #7 | okal dal | Taurus Dark Interior #5 | ofaralar | Aries Light Outer #2 | oteolar |
| Pisces Outer #11 | otal arar | Pisces Interior #9 | okar am | Cancer Interior #1 | yfary | Aries Light Interior #1 | otol cedy |
| Pisces Outer #12 | otal dy | Aries Dark Outer #3 | okalal | Cancer Interior #7 | opalal | Aries Light Interior #2 | otol oar am |
| Pisces Outer #16 | otalalg | Taurus Light Outer #5 | okaraiin | Leo Outer #7 | ofal als | Aries Light Interior #3 | oteeol |
| Pisces Outer #18 | otar | Taurus Light Outer #6 | okar ar aly | Leo Interior #9 | opal | Aries Light Interior #4 | otolced |
| Pisces Interior #1 | otalar | Taurus Dark Outer #2 | okalam | Sagittarius Outer #4 | opals | Gemini Outer #14 | otolam |
| Pisces Interior #2 | otalam | Gemini Top #3 | okar am | Sagittarius Interior #9 | ypal | Leo Outer #6 | otoly |
| Pisces Interior #10 | otaral | Gemini Top #4 | okairy | **o[fptk]am** | | Leo Interior #11 | otoly yty |
| Aries Dark Outer #4 | otaly | Gemini Outer #1 | okal | Aries Dark Outer #2 | otokaim an | Libra Outer #18 | oteoly |
| Aries Dark Outer #10 | otal cey tar am dy | Gemini Outer #2 | okaly | Gemini Interior #2 | okam | **okol** | |
| Aries Dark Interior #3 | oteoeey otal okeal ar | Gemini Outer #3 | okal | Gemini Interior #6 | otam | Pisces Interior #8 | ykolaiin |
| Aries Dark Interior #4 | otear araydy | Gemini Outer #7 | okair ceam | Leo Outer #18 | okam | Aries Dark Outer #7 | okol csey |
| Aries Light Outer #4 | otalely | Gemini Outer #8 | okeal | Libra Interior #5 | ypaim | Aries Dark Interior #5 | okoly |
| Aries Light Outer #5 | otal dar | Gemini Outer #10 | okaly | **o[dlrs \| fptk]o[mg]** | | Taurus Light Outer #1 | okolar |
| Aries Light Outer #8 | otal aly | Gemini Outer #16 | okalar | Taurus Light Outer #9 | cear orom | Leo Outer #5 | okoly |
| Aries Light Interior #5 | otal dar | Gemini Interior #4 | okaldy | Taurus Light Interior #5 | ofacfom | Sagittarius Top #1 | okol |
| Taurus Light Interior #1 | otalody | Gemini Interior #8 | okar ceam | Leo Outer #16 | ogeom | **ole$^{1-3}$ol** | |
| Taurus Light Interior #2 | otalaiin | Cancer Outer #10 | ykal air ol | Virgo Interior #4 | okeeom | Pisces Outer #13 | okeoly |
| Taurus Light Interior #3 | otar csear | Cancer Intermediate #6 | ykairaiin oiral | Libra Interior #4 | okogy | Gemini Top #5 | okeolar |
| Taurus Dark Outer #3 | ytal csedy | Cancer Intermediate #7 | okalar | **ole$^{1-4}$od + y** | | Leo Outer #12 | okeeol |
| Taurus Dark Outer #5 | otaraldy | Leo Outer #13 | okaly | Virgo Outer #10 | oteeod | Leo Outer #15 | okeolo |
| Taurus Dark Outer #7 | otalef ys ain am | Leo Outer #14 | okaldy | Virgo Outer #11 | yteody | Virgo Outer #13 | okeoldy |
| Gemini Outer #5 | oteeary | Leo Interior #6 | okary | Virgo Outer #12 | okeody | Virgo Interior #1 | oekeol |
| Gemini Outer #6 | otair dy | Libra Outer #10 | okal | Libra Outer #7 | oteod | Libra Outer #3 | okeeoly |
| Gemini Outer #9 | otarar | Libra Interior #6 | okalair | Libra Outer #8 | yteod | Libra Outer #19 | okeoly |
| Gemini Outer #15 | otar al dy | Scorpio Interior #1 | okary | Libra Outer #9 | okeeody | Libra Interior #8 | okeol |
| Gemini Interior #3 | otal csey | Sagittarius Outer #13 | ykeear | Scorpio Top #4 | yteeody | Sagittarius Outer #14 | qokeoly |
| Gemini Interior #9 | otal | Sagittarius Interior #4 | okal | Scorpio Outer #16 | okeody | **ole$^{1-3}$or** | |
| Cancer Intermediate #1 | ytairal | **ol[ao]dy** | | Scorpio Interior #2 | okeeody | Virgo Outer #4 | okeory |
| Leo Interior #10 | otaly | Pisces Outer #4 | otody | Sagittarius Top #2 | oteody | Virgo Outer #14 | ykeeor |
| Libra Outer #11 | ytaly | Pisces Outer #7 | okody | Sagittarius Top #3 | oteody | Scorpio Outer #5 | ykeeory |
| Scorpio Top #1 | otaly | Pisces Outer #17 | okady | Sagittarius Outer #5 | ykeody | Sagittarius Outer #3 | ykeor |
| Scorpio Outer #15 | otaly | Aries Dark Outer #6 | oteeodals | Sagittarius Outer #6 | okeody | **os/osai$^{0-4}$** | |
| **[yo][fptk]ai$^{0-4}$n** | | **oe$^{1-4}$dy** | | Sagittarius Outer #11 | ykeeody | Taurus Dark Outer #7 | otalef ys ain am |
| Taurus Light Outer #4 | otaiiin | Leo Interior #4 | oeedy | Sagittarius Outer #15 | okeody | Gemini Interior #5 | ceosar |
| Taurus Dark Outer #6 | otaiiin otain | Virgo Outer #17 | oeedey | Sagittarius Interior #7 | okeod | Cancer Outer #2 | os ar cseeeen |
| Taurus Dark Interior #4 | otainy | Virgo Interior #2 | oeedy | **o[fptk]e0-4dy etc.** | | Cancer Interior #2 | os ais al |
| Cancer Outer #4 | opoiiin oin al aes | Virgo Interior #6 | oeedaly | Leo Interior #8 | oteeded | **oe$^{1-4}$s** | |
| Cancer Outer #5 | ypaiiin aloly | **Other od** | | Virgo Interior #9 | yteedy | Cancer Intermediate #2 | oeees aiin |
| Cancer Outer #9 | opoeey okaiiin | Sagittarius Outer #1 | odees | Libra Outer #15 | ykeedy | Cancer Intermediate #5 | ofais oeees aly |
| Leo Outer #4 | ***ofaiin | **odai$^{0-4}$[dlrsmg \| n]** | | Scorpio Top #3 | okedy | Leo Interior #7 | oees aiin |
| Virgo Outer #15 | opaiin ar | Aries Dark Outer #6 | oteeodals | Scorpio Outer #2 | okeedy | Libra Outer #2 | oees |
| Virgo Interior #12 | okaiiiny | Cancer Outer #7 | oeeeodaiin | Scorpio Outer #4 | okeedy | Libra Outer #12 | oeeeos |
| Scorpio Outer #12 | opaiin | Leo Interior #5 | odair an | Scorpio Outer #9 | okedal | Libra Outer #20 | oeees |
| Sagittarius Outer #7 | ypaiiin | Virgo Outer #8 | oteodar | Scorpio Interior #3 | oyteedy | **o[fptk]e$^{1-4}$os** | |
| **oi** | | Libra Outer #4 | odal | Sagittarius Interior #10 | otedy | Pisces Outer #8 | opys am |
| Cancer Outer #4 | opoiiin oin al aes | Libra Outer #5 | aiin od | **o[fptk][dlrsmg]** | | Pisces Interior #5 | oteosal |
| Cancer Intermediate #6 | ykairaiin oiral | Libra Outer #6 | odady | Aries Light Outer #10 | okldam | Aries Light Outer #9 | oteos arar |
| Libra Interior #2 | oiiny | **oa** | | Gemini Top #2 | oklair dy | Scorpio Outer #6 | oteeosy |
| **oe$^{0-4}$o** | | Aries Dark Outer #5 | oal ceeg | **ol[fptk] + old** | | Scorpio Outer #13 | okeos |
| Cancer Outer #7 | oeeeodaiin | Aries Light Outer #1 | oteoaldy | Cancer Interior #6 | oletal | Scorpio Interior #10 | okeos |
| Virgo Outer #18 | oeeo daiin | Aries Light Outer #3 | okeoaly | Cancer Outer #8 | ofcseoldy | Sagittarius Outer #12 | okeos |
| Libra Outer #12 | oeeeos | Aries Light Interior #2 | otol oar am | Cancer Outer #11 | olkal aiin | **Other os** | |
| Libra Outer #16 | oeeoty | Taurus Dark Outer #1 | oaiin ar ary | Cancer Intermediate #10 | olf cseeor al | Virgo Interior #7 | ceeosy |
| Libra Interior #7 | oeeody | Cancer Interior #3 | ytoar cseor | Leo Outer #11 | ceeolpy | **ols** | |
| **[ao][lr][ao][lr] Pipe/Flow** | | **ory** | | Virgo Outer #13 | okeoldy | Pisces Interior #6 | salols |
| Pisces Outer #11 | otal arar | Cancer Intermediate #3 | ory | Virgo Outer #16 | ceeoldy | Aries Dark Interior #2 | oteo alols araly |
| Pisces Outer #16 | otalalg | Leo Outer #17 | oreeey | Virgo Interior #5 | olkar | **oe$^{0-4}$y** | |
| Pisces Interior #1 | otalar | Virgo Outer #4 | okeory | **-oly** | | Aries Dark Interior #3 | oteoeey otal okeal ar |
| Pisces Interior #3 | dolar am | Scorpio Outer #5 | ykeeory | Pisces Outer #13 | okeoly | Cancer Outer #9 | opoeey okaiiin |
| Pisces Interior #6 | salols | **o[lr]ai$^{0-4}$n** | | Aries Dark Interior #5 | okoly | Virgo Outer #6 | ceeoloy |
| Pisces Interior #10 | otaral | Pisces Interior #8 | ykolaiin | Cancer Outer #5 | ypaiiin aloly | Libra Interior #3 | oeey |
| Aries Dark Outer #3 | okalal | Aries Dark Interior #1 | otolaiin | Leo Outer #5 | okoly | **Herbal/Liquid Ingredients** | |
| Aries Dark Outer #9 | otol ypcsearal | Cancer Outer #1 | oraiin am | Leo Outer #6 | otoly | Aries Light Interior #1 | otol cedy |
| Aries Dark Interior #2 | oteo alols araly | Cancer Intermediate #9 | olaiin olackey | Leo Interior #11 | otoly yty | Taurus Light Interior #4 | cseol csedy |
| Aries Light Outer #2 | oteolar | Virgo Interior #10 | oraiin | Leo Interior #12 | cseoleey | Leo Outer #8 | cseeeod ocfeey |
| Aries Light Outer #9 | oteos arar | Sagittarius Outer #10 | oraiiny | Libra Outer #3 | okeeoly | Scorpio Outer #10 | cedy |
| Taurus Light Outer #1 | okolar | **o[tk]e$^{0-4}$y** | | Libra Outer #18 | oteoly | Scorpio Outer #11 | dal cseey |
| Taurus Light Outer #7 | opalar am dan | Pisces Outer #1 | oky ody | Libra Outer #19 | okeoly | Sagittarius Top #4 | ceeody |
| Taurus Light Outer #8 | opalor ar | Pisces Outer #2 | oty ar | Libra Interior #9 | oeeoly | Sagittarius Outer #2 | cecsey |
| Taurus Light Outer #9 | cear orom | Pisces Outer #14 | oky dy | Sagittarius Outer #14 | qokeoly | Sagittarius Outer #16 | cseeol |
| Taurus Dark Outer #5 | otaraldy | Pisces Outer #19 | oty | **o[fptk]e0-4o** | | **Complex Liquids/Modifiers** | |
| Taurus Dark Interior #5 | ofaralar | Aries Light Outer #7 | oteotey sary | Cancer Outer #3 | oto *aiin | Pisces Outer #9 | ceckcey |
| Gemini Top #5 | okeolar | Taurus Dark Interior #3 | okeey ary | Virgo Outer #1 | okeo ram | Taurus Light Outer #3 | al cpey |
| Gemini Outer #9 | otarar | Gemini Outer #4 | okeey ary | Virgo Outer #5 | ceeoeley | Leo Outer #9 | daiiin cecpy |
| Gemini Outer #11 | orary | Gemini Outer #13 | okyd | Virgo Outer #7 | cseeoeky | Leo Interior #2 | cectcey |
| Gemini Outer #14 | otolam | Cancer Outer #6 | oteey daiiin | Virgo Interior #11 | okeo rar | **Balneological/Herbal Verbs** | |
| Gemini Outer #16 | okalar | Leo Outer #1 | okey | Libra Outer #13 | oteofy | Aries Light Outer #6 | ceeary |
| Gemini Interior #1 | salal | Leo Outer #3 | okyeecsey | Sagittarius Interior #6 | ykeeo | Taurus Dark Outer #4 | cear alef |
| Cancer Outer #5 | ypaiiin aloly | Leo Outer #10 | oteey dceal | **Other Verbs etc** | | Taurus Dark Outer #10 | cedaiir sain y |
| Cancer Outer #12 | olalsy | Leo Interior #1 | oky | Aries Dark Interior #4 | otear araydy | **ai$^{0-4}$m Polygraphs** | |
| Cancer Intermediate #1 | ytairal | Leo Interior #11 | otoly yty | Taurus Light Outer #7 | opalar am dan | Pisces Interior #2 | otalam |
| Cancer Intermediate #7 | okalar | Libra Outer #16 | oeeoty | Gemini Interior #7 | air aly | Pisces Interior #3 | dolar am |
| Cancer Intermediate #8 | orary | Libra Interior #1 | okeey | Cancer Outer #5 | ypaiiin aloly | Pisces Interior #4 | okaram |
| Cancer Intermediate #9 | olaiin olackey | Libra Interior #10 | okydy | Cancer Intermediate #11 | ar alkam | Pisces Interior #9 | okar am |
| Cancer Interior #5 | aral | Scorpio Outer #3 | okeey | Leo Interior #3 | laly | Pisces Outer #8 | opys am |
| Cancer Interior #7 | opalal | Scorpio Outer #14 | otey | Leo Outer #7 | ofal als | Aries Dark Outer #2 | otokaim an |
| Libra Interior #6 | okalair | Scorpio Interior #4 | oky | Libra Outer #5 | aiin od | Aries Dark Outer #10 | otal cey tar am dy |
| Sagittarius Interior #3 | arair | Sagittarius Interior #2 | oky | Scorpio Interior #8 | ar | Aries Light Interior #2 | otol oar am |
| **o[tk]e$^{1-4}$s** | | Sagittarius Interior #5 | ykey | Scorpio Interior #9 | kar | Aries Light Outer #10 | okldam |
| Pisces Outer #15 | okees | Sagittarius Interior #8 | ykey | Sagittarius Interior #1 | ceeg | Taurus Light Outer #7 | opalar am dan |
| **Color/Symptom** | | **Problem/Disease** | | **Sensory Hierarchy?** | | Taurus Dark Outer #2 | okalam |
| Taurus Dark Outer #8 | oceol cear am | Aries Dark Outer #1 | opceey sal | Taurus Light Outer #10 | cefaly | Taurus Dark Outer #7 | otalef ys ain am |
| Taurus Dark Outer #9 | ocseodody | Aries Dark Outer #8 | otcsecsedy | Scorpio Outer #7 | cseekal | Taurus Dark Outer #8 | oceol cear am |
| Cancer Outer #4 | opoiiin oin al aes | Taurus Light Outer #2 | otceody | Scorpio Interior #5 | ceefy | Gemini Interior #2 | okam |
| Cancer Intermediate #4 | oceey fydy | Taurus Dark Interior #1 | otceo csey | Scorpio Interior #7 | cseek | Gemini Interior #6 | otam |
| Cancer Interior #4 | octeo | Taurus Dark Interior #2 | otcedal | | | Gemini Interior #8 | okar ceam |
| Leo Outer #4 | ***ofaiin – remove this? | Gemini Top #1 | ofcedady | | | Gemini Outer #7 | okair ceam |
| Leo Outer #8 | cseeeod ocfeey | Cancer Outer #8 | ofcseoldy | | | Gemini Outer #14 | otolam |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Virgo Outer #3 | ocseesy | Leo Outer #2 | otceeody | | | Gemini Top #3 | okar am |
| Libra Outer #17 | octey | Virgo Outer #9 | ofcedy sd | | | Cancer Intermediate #11 | ar alkam |
| Scorpio Top #2 | ceockey | Virgo Interior #8 | ofceeey | | | Cancer Outer #1 | oraiin am |
| | | Libra Outer #1 | ocfcsey | | | Leo Outer #18 | okam |
| | | Libra Outer #14 | ceeoepy | | | Virgo Outer #1 | okeo ram |
| | | Sagittarius Outer #9 | ofceeesy | | | Libra Interior #5 | ypaim |

Table 28.2: Cosmological Diagram Mappings to the T-Squares and Outer Protrusions of the Rosette Folio

| | | | | | |
|---|---|---|---|---|---|
| **Rosette #2 Protrusion** | **Rosette #3 Diagram Interiors** | **Rosette #4** | **Rosette #6** | **Rosette #8** | **f68v3 Diagram Centers** |
| Protrusion Exterior (kecey qol ceedar ar otedy cedaiin oty) | | Exterior Sun (opar odam) | Attachment (opacseeefcedy rar odair or odar air d oteoly) | | |
| Bottom-Right (okor) | #1 (ofairy) | | | | #1 otodol |
| Bottom-Left (opcey) | #2 (okalain) | | | | #2 opceol dg |
| Top (osal) | #3 (okcedy kary oraiiin cey) | | | | #3 doar ykeol darol **daly solaiin** ckcey olekeey dy ykeol cteeepcey dar |
| **Interior Ring** | | | | | **Inner Ring** |
| o*oar octcey odas aram ar keeody ocedor al oekairy ytodaro opal csey orar odar yky dar ykodar ykary opal ly | | | | | okosy okcey okol ceoekey okeoeeey ol ykor otair or orol or keeey olkeeoly ykeeol |
| | | | | | |
| **Outer Ring** | **Outer Ring Sentences** | | | | |
| okos opair air an oteoteedy otod ykodar cees okodain ol ykody cedas tcedaiin sy sarald todar cekar odair or **oal** okcedy dcedy okeedy ykceda ceeky oaiin okees olar or ykeedy okeo **lodaiin** or taiin olar | #1 olkar ceey kar cseal qokal okar okar otody otody otody otar cefol okcsey okom okar as okody okody okceegy ceekceedy ofcedor qotcedy kor cedar ceek olkocpe #2 ykd okees olceedy okal ykol otodar cseekal | okar ar okary otodeed odar ceekaiiin or** *** ** aiiin ***** aiiin okees oiiin **odaiin** okalol aiin **otalol otar** cecedam ceetey otodcees otecseey ceckey otedy **otal** ceedal opal olkar **okedaiin** oror | otcedaiiin otodar otegar **otar odaiiin olkaiin** otl xasacsee ol as ackey ceedaiiin ockceedy cseedy otedy okedol d or aiiin otody toor ceepar ol ceckey opcedar or ar al xar opor olceedy okal m or afal air* dy | oto tosain odar **otar** otad okaiin dar al cedar otdar cecpces **okos** ol om olkeeodaiin cseol okal or cseees qoeey okalol otodr **oas** ar ol oqotam oteed oteedy okedy lsaiin or aiin **okor** okeedy | |
| **f67v2** | | | | | |
| Multi-Face Diagram #1 (otararain) Grand Cross Exterior #1 (tol or oir om otoly san m daiin **taedaiin** or okor) | | Multi-Face Diagram #2 (okceos am) Exterior #2 (okeey keoy **osalal** ykaral am oralady odam) | Multi-Face Diagram #3 Grand Square Exterior #3 (**toal** daim sakar dam **solair** cfeey **solal daly**)? | Multi-Face Diagram #4 (otoedy) Exterior #4 (**okeol** ceol ar **okol** dam **koaiin** ofal ol ofalaiin **oar**) | |

Table 28.3: Cosmological Diagram Mappings to the Inner Protrusions of the Rosette Folio

| **Rosette #2** | **Rosette #4** | **Rosette #6** | **Rosette #8** |
|---|---|---|---|
| **Inner Protrusions** | | | |
| Volcano-Like Protrusion (oda cseg asain) | Rosette #4 Volcano-Shaped Protrusion (orar m) | #6 Upper-Right Attachment (csedain otegy) | Rosette #8 Smokestack (orarol) |
| Protrusion #2 (oeolales airar) | Protrusion #3 (**oar** ykaly cear) | Protrusion #4 (**okar** alot **olka***) | Protrusion #1 (okeeey oekcedy) |
| **f57v** | | | |
| Diagram Center #1 (oralaror) | Diagram Center #2 (okaly) Hand-Raiser #2 (oparair dly) | Diagram Center #3 (ocfeor **okear**) Hand-Raiser #3 (olkcedal) | **dairol** Diagram Center #4 (askaldy) Hand-Raiser #4 (**otar daly**) |
| **f85r2** | | | |
| Hand-Raiser #1 (sosees) #1 sain or or aiin **opcedy qotor** cseeedy **cseodaiin** olfar ary dair cseeo **oraiin** ceol daiin ockedor olkor **cseoral** | Hand-Raiser #2 pceedeey olkey qokedy cseeos fceeey otceedy ceotey qocteey oteey ol oloeorain daiin qotaiin tceedy **otedy** qotcedy ceckeey ytceedy **qodar qotedar qokar** qotced qotom sois aiin cseedaiin ceolkceod | Hand-Raiser #3 (orar oldar ain) #3 otees cseedor ceey sorain or cseedy tedy **sodaiiin** cey **ytedar** ceeds aiin arody ypcseedy dar ceedy or am oteey **qodain odain** an ceey | Hand-Raiser #4 (ol lceeol ceol ol cseeoly) #4 okees **olaiin qokal** cedy sary qokcseedy **qodain** ceckey ykeedy ceedy ar aiin ckeedy orain olceey **qokal** cseedy qokeody qoekedy dody csedy **qodaiin** los ar cseedy qokcseey qoseey or aiin od |
| **f86v3** | | | |
| #1 (tceedy qokeedy qoedy qopcey raiin olpceey qokaiin sain yceedy qoeeey **otair** ceeody ytain qokaiin taiin ytaiin ytaiin ytaiin or ar **ytar** am ykaiin qoeedy qor aiin ytecey ar aiin aram yceeey qotaiin cedy ypcseeor ytain otain ytam daiin ls aiin cectey ykaiin ykaiin cedar araiin sain ytaiin ytapy odeeey dal dair ytam sar aiin otey **otais**) | #2 (tcseedal ypceey csedy qopceeeody opcedy olfceey ypceey qotaiin dcseedy qokeey qotcey cseedy qokaiin cedy **otor** otaiin ykaiin qodaiin y oceedy qotceey qoky daiin cedy oteedy qoty daiin om cseor yteey oteedy cseedaiin cseeey otaiin ytaiin **otodar** aiin teeos aiin yteey qoteey otceey qoteeody ceeeor ceeedaiin yceeeody dais oteey qoedy oteey olteey) | #3 (toeeedcey okceey qokceedy cseedy **ytceeodar** ytceey yteey cedal or ceeey daiin ceeokaiim tceedy cey tceey otceedy **qokal** oeedy lkam oees aiiin yteeedy ceedy qotaiin ceeody ytceey otaiin kcsed **qotar** ceear or am yteeo dy ceedy **qokal** yteey **qotar** am dceeey teeody oty otceedy daiir aiim ykeeedy qoteey **qodaiin** okeeey) | #4 (tceol olkey cfeyaiin opceedy **okceedy** or aceeody cseol cseedy yteey daiin dady yceey ol keeey qotceedy qokeey qotceedar cseeedy qokaiin qokedy ykaiin qotaiior am tceeod oteey yteeody cedy ceedos cseedy ceeos ds aiir cseeey ytcecseey oteeodam yteedy ykeey daim ceoaiin ceeckey cseykeeeocey tceeey **otodaiin opaiin** otceey otam **ocseeey** or cseeey tceeody qokain **qodaiin olkar** ceedaiin yceedy qokody ceolkain ar aiin cseodain cseor ceallar cseekcseol okceor) |
| | | | |
| **f67v2 Diagram Centers** | | | |
| #2 (dalam) | #3 (sory) | #4 (okoral) | #1 (soaiin) |

Table 28.4: Exterior Remedy Distribution

| Rosette #2 | Rosette #4 | Rosette #6 | Rosette #8 |
|---|---|---|---|
| Top Exterior Label (okodv)<br>Bottom Exterior Label (okar oedody) | Exterior Sun (opar odam)<br>Exterior Fish-Tail (opaldar)<br>#4-5 Bridge #1 (okar)? | Rosette #6 Exterior Labels #1-4 (ofodydy, opdady, otodey, otodedy) | Rosette #8 (okcedarar)? (if it's actually okoedarar) |

Table 28.5: The Rosette "Bridge" Distribution

| Exterior Protrusion Area | Bridge Interiors | Interior Protrusion Area |
|---|---|---|
| #8-1 Bridge Top (daldal) | | #8-1 Bridge Bottom (daraldy) |
| #7-8 Bridge #1 (soiiin dy) | #7-8 Bridge Interior #1 (ytedar)<br>#7-8 Bridge Interior #2 (ddsscsex)<br>#7-8 Bridge Interior #3 (daldar) | #7-8 Bridge #2 (ofardy) |
| | #1-2 Bridge Interior (ofair ofalctey) | #1-2 Bridge #2 (opotceos ody) |
| #2-3 Bridge Label #1 (sar cecfedy) | #2 Castle #4 On Bridge to #3 (otcedy otoldy) | #2-3 Bridge Label #2 (opcseedaiin) |
| #3-4 Bridge #1 (opodcedal) | | #3-4 Bridge #2 (dar cedy) |
| #4-5 Bridge #1 (okar) | | #4-5 Bridge #2 (ly cseeal g) |
| | #5-6 Bridge Interior (opcedain) | #5-6 Bridge #1 (otdar cseed) |
| | #6-7 Bridge Interior North (otce)<br>#6-7 Bridge Interior East (odl)<br>#6-7 Bridge Interior South (ddy)<br>#6-7 Bridge Interior West (osy) | |
| #6-7 Bridge #1 (depceeky) | | #6-7 Bridge #2 (oteey) |

Table 28.6: Mapping of Rosettes #1-8 to the f68r3-f68v3 Figures with Minimal Textual Misalignments

| Rosette & Lunar Phase Beginnings | f68v1 Amalgam | f68v3 by Rosette | f68r3 Star Quadrant | f68v2 Star Divider |
|---|---|---|---|---|
| #8 New Moon 0°<br>Rosette #8 Outer Ring (…cecpces…qoeey…)<br>#8.6 (sceedoy olal) | Rosette #8-1 → #1 sair arolsar | Rosette #8-1 → Sides #1 oceeol qoeey keody ceeoky okcey ceody dy oteem | Quadrant #8 Star #1 dceol day<br>Wand/Branch oal ceeol<br>Wand/Branch Head doary | Stars #8 ykeeepol ypcey |
| #7 Waxing Crescent<br>Outer Ringer (…oteedaiin odal ceoky …)<br>West-Oriented Text (qokoais ocfcey) | Rosette #7-8 → #8 dair cpceety dy | Rosette #7-8 → Stars #4 ydaiil ol ceok okceyd) | #7 dceey qokeey dceeey daiir otceal<br>#6 kceoty oteey daiin dceeeody oteey | #7 dceedal daiin<br>#6 odair cedy aiin |
| #6 First Quarter 90° | Rosette #6-7 → #7 oteodain sar | Rosette #6-7 → Sides #4 oceey ceekcey dkeeeg ceeekey teolkeceey saiir | Quadrant #6 Stars<br>#1 okceody<br>#2 daral l<br>#3 oty dg<br>#4 octey d | Stars #6 otcedy ceetal |
| #5 Waxing Gibbous<br>South-Oriented Text (ceekais okolarm) | Rosette #5-6 → #6 dar csees cseokey | Rosette #5-6 → Stars #3 yceeeo keey qokal okeeg | #5 pceody qokcey dcseol dcsey otgoldl<br>#4 dceokcey cseey okey oteos okol csey | #5 otceos alag cey<br>#4 yteody ceetey |
| #4 Full Moon 180°<br>Outer Ring (…otalol…otal…) | Rosette #4-5 →#5 okeey ceek ceekeys | Rosette #4-5 →Sides #3 qokeody okeey ceekcey ceckey okal ody ceedy | Quadrant #4 Stars<br>#1 okol cey<br>#2 ceockey<br>#3 cedy ylky | Stars #4 oteoys orasaly |
| #3 Waning Gibbous<br>Diagram Interior #3 (okcedy kary oraiiin cey) and Outer Ring (...okceegy...)<br>East-Oriented Text (oky dcseog oafoaly) | | Rosettes #3-4 → Stars #2 cseoekeary cseeky okol ceey okol dom | #3 qokol cedceol qoteey ceo kecey okcedy<br>#2 dcey kcey daiir ceok ockey dar | #3 soctes ceety<br>#2 ycseesos ar csey |
| #2 Last Quarter 270°<br>Exterior #1 (…otoly…)<br>Hand-Raiser #1 (otodarag) | Rosettes #2-3 → #3 okecedaral | Rosettes #2-3 → Sides #2 okeol ceeody qo oleey oceeky eeody okcedy oko okos | Quadrant #2 Stars<br>#1 okos<br>#2 okory | Stars #2 otosey sary |
| #1 Waning Crescent<br>Quadrants #1-10 (oko, daiiny, docfcey, okedy, ofary, ofair, ofas, adairy, dxar, okory)<br>#1-2 Bridge Interior (ofair ofalctey)<br>#1-2 Bridge #2 (opotceos ody)<br>**Outer Ring (sair od sar os** okal okal os al al ykal ol al ol al ol al lar okair okod okod okeo ldy opy cses otedy ceedces cseeekedy odal csed olkcedy ylky kaiir okcedy otol ary aiin aiir oral okcegy oly okain olkaiin ody)<br>North-Oriented Text (dceeeor oceepalain) | Rosettes #1-2 → #2 oteeos araly | Rosettes #1-2 → Stars #1 * al cedail sceekol okeody | #1 toceedy ceocpey qokcedy dol okald<br>#8 toees ykeo csee* qokol ceey qokcedy | #1 otey dalar<br>#8 ceoteey dary |

Table 28.7: Mapping of 45° Angle Marker Groups on f69r to Rosettes #1-8 and Related Figure Types

| Seasons | Rosette Mappings | | Table 28.Rosette Zones | Table 28.6 Mappings | f69r Labeled Interior Bars |
|---|---|---|---|---|---|
| Spring | #8 New Moon 0° | Outer Ring (…otar…cseol…oqotam…)<br>Jet Figure #4 (…otam…) | #8-1<br>#7-8 | | #15 okeo cseo qotam<br>#14 ceodcey ceotal |
| | #7 Waxing Crescent | Outer Ring (…otedy qotedy…ceoky…oiin...)<br>f67v2 West-Oriented Text (qokoais ocfcey)<br>#7-8 Bridge #1 (soiiin dy)<br>Left Label #8 (olsydy) | #7-8<br>#6-7 | f68r3 Star Divider #6 (kceoty oteey daiin dceeeody oteey)<br>f68v3 Sides #4 (oceey ceekcey dkeeeg ceeekey teolkeceey saiir) | #13 dkocey cteody dy |
| | | | | f68r3 #7 (dceey qokeey dceeey daiir otceal)<br>f68v3 Stars #4 (ydaiil ol ceok okceyd) | #12 ceokeod okeey |
| | | | | f68r3 Star Divider #6 (kceoty oteey daiin dceeeody oteey) | #11 okody ceeody sar |
| | | | | | #10 soir al okody otedy |
| Summer | #6 First Quarter 90° | #6-7 Bridge #1 (depceeky)<br>Outer Ring (…olceedy…) | #6-7<br>#5-6 | f68r3 Sides #4 (oceey ceekcey dkeeeg ceeekey teolkeceey saiir) | #9 ceor al ylcey ral |
| | | | | Exterior Stars #6 (dar csees cseokey)<br>f68r3 #5 (pceody qokcey dcseol dcsey otgoldl)<br>f68r3 #4 (dceokcey cseey okey oteos okol csey) | #8 dceokey cseokceody al |
| | #5 Waxing Gibbous | Outer Ring (…keeody sarol…ody…ol ar…yky…)<br>#4-5 Bridge #1-2 (okar, ly cseeal g)<br>Compartment #8- (otos aiiin, otcedam) | #5-6<br>#4-5 | f68v3 Stars #3 (yceeeo keey qokal okeeg)<br>Sides #3 (qokeody okeey ceekcey ceckey okal ody ceedy) | #7 doceeeo kody sar |
| | | | | f68r3 #4 (dceokcey cseey okey oteos okol csey)<br>f68v2 #5 (otceos alag cey)<br>Exterior Stars #5 (okeey ceekceekeys) | #6 okeos ar alg<br>#5 sol aiir okey tam |
| Fall | #4 Full Moon 180° | #4-5 Bridge #1 (okar ol ceeky…)<br>Compartment #1 (okar…)<br>Outer Ring (okar ar okary…ceekaiiin…ceced am)<br>Exterior #2 (…ykaral am…)<br>Multi-Face Diagram #2 (okceos am) | #4-5<br>#3-4 | Exterior Stars #5 (okeey ceekceekeys)<br>f68v3 Stars #2 (cseoekeary cseeky okol ceey okol dom) | #4 okeeo dal okas as<br>#3 sair ceekey dair am |
| | #3 Waning Gibbous | Outer Ring #1 (...ceey…okar okar...okar…)<br>Diagram Interior #3 (okcedy kary oraiiin cey)<br>East-Oriented Text (oky dcseog oafoaly) | #3-4<br>#2-3 | f68r3 Star Quadrant #3 (qokol cedceol qoteey ceo kecey okcedy)<br>f68v2 Star Divider #2 (ycseesos ar csey)<br>f68v3 Stars #2 (cseoekeary cseeky okol ceey okol dom) | #2 ceey ar cteor ary<br>#1 okeeo ctey okar ar |
| | | | | | Separator |
| | | | | f68v3 Sides #2 (okeol ceeody qo oleey oceeky eeody okcedy oko okos) | #22 dary dar aloly |
| Winter | #2 Last Quarter 270° | Outer Ring (…okeo lodaiin…)<br>Multi-Face Diagram #1 (otararain) Grand Cross<br>Jet Figure #1 (…ytar…) | #2-3<br>#1-2 | | #21 ykeceody otar |
| | | | | Exterior Stars #2 (oteeos araly)<br>f68r3 #8 (toees ykeo csee* qokol ceey qokcedy) | #20 okceol qokol daly |
| | #1 Waning Crescent | Outer Ring (…sar os…os al…okod okod okeo…yky…oly…)<br>Bridge Top (daldal) | #1-2<br>#8-1 | f68v3 Sides #1 (oceeol qoeey keody ceeoky okcey ceody dy oteem) | #19 doly dal dar ceyky<br>#18 ykeey dal oky |
| | | | | Exterior Stars #2 (oteeos araly)<br>f68r3 #8 (toees ykeo csee* qokol ceey qokcedy) | #17 ykeeos al dair dar |
| | | | | f68v3 Stars #1 (* al cedail sceekol okeody) | #16 okeodar oteody |

Table 28.8: Remapping of the T-Squares

| Position | f68v3 | Rosette #2 | Rosette #3 (Speculative) | f86v3 | Pharmacological Section Figures | Time Period | Alternate #1 | Alternate #2 |
|---|---|---|---|---|---|---|---|---|
| #1 Left Side | otodol | okor | ofairy | Unlabeled | f99r #6 (okor)<br>f102v2 #10 (okoroeey) | Capricorn-Pisces | Aries-Gemini | Taurus-Cancer |
| #2 Right Side | opceol dg | opcey | okalain | Unlabeled | f102v2 #11 Pine? (opcey)<br>f102v1 #5 (opceytoy) – opcey toy?<br>f102v1 #6 (ypceoldy) – ypceol dy? | Libra-Sagittarius | Cancer-Virgo | Leo-Libra |
| #3 Bottom Side | doar ykeol darol daly solaiin ckcey<br>olekeey dy ykeol cteeepcey dar | osal | okcedy kary oraiiin cey | Unlabeled | f99r #4 (daly)<br>Canister #25 f99v (darol aly)<br>f102v1#7 Valerian Composite (losalody)<br>f102v2 #12 (darol)<br>f102v2 #15 (osair)<br>f88r Line 1 #1 (osal) | Aries-Virgo | Libra-Pisces | Scorpio-Aries |
| | | | | | | | | |
| Relevant Text Rings | okosy okcey okol ceoekey okeoeeey ol ykor otair or orol or keeey olkeeoly ykeeol | o*oar octcey odas aram ar keeody ocedor al oekairy ytodaro opal csey orar odar ykly dar ykodar ykary opal ly | #1 olkar ceey kar cseal qokal okar okar otody otody otody otar cefol okcsey okom okar as okody okody okceegy ceekceedy ofcedor qotcedy kor cedar ceek olkocpe<br>#2 ykl okees olceedy okal ykol otodar cseekal | | f99r #10 (okolo)<br>f99r #13 (oaso)<br>f102v2 #10 (okoroeey) | Full Year? | | |
| Other | | Protrusion Exterior (kecey qol ceedar ar otedy cedaiin oty)<br>Rosette #2 Bottom Exterior Label (okar oedody)<br>Rosette #2 Castle #3 Lighthouse-Like (opoor daly) | | | | | | |
| | | Opposite to Rosette #6 Attachment (opacseeefcedy rar odair or oteoly) vs. (opacseeefcedy odar air d oteoly) Martian conjunctions | | | | | | |

Table 29.1: Top-Ranked Word Categories for the Balneological Section (f66r and f75r-f85v) of $w_N > 50$

| | | | | Section Affinity | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| # | Category | Distinct Word Count | Word Count | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| | **ceedy Relatives** | | | | | | | | | |
| 2 | [dlrsmg] + c \| c[s \| fptk] + e4dy | 20 | 327 | -0.00563 | -0.21470 | -0.09187 | 0.34179 | -0.06186 | 0.06366 | -0.03141 |
| 3 | c[s \| fptk]e4dy | 9 | 622 | -0.00563 | -0.16559 | -0.08159 | 0.33847 | -0.06315 | -0.01196 | -0.01054 |
| 7 | c \| c[s \| fptk] + e4dy | 35 | 1395 | -0.00491 | -0.13578 | -0.07399 | 0.24428 | -0.06009 | 0.03800 | -0.00751 |
| 9 | edy | 538 | 4981 | -0.00543 | -0.15046 | -0.07960 | 0.20865 | -0.06316 | 0.08554 | 0.00446 |
| 12 | c + e4dy | 387 | 3053 | -0.00530 | -0.13764 | -0.07888 | 0.19335 | -0.06208 | 0.07884 | 0.01171 |
| 16 | ce4dy | 8 | 755 | -0.00430 | -0.10878 | -0.07099 | 0.17433 | -0.06003 | 0.07877 | -0.00901 |
| 17 | ed[yoa] | 940 | 5851 | -0.00546 | -0.14962 | -0.07385 | 0.16943 | -0.06302 | 0.10861 | 0.01389 |
| 36 | [fptk] + c \| c[s \| fptk] + e4dy | 19 | 196 | -0.00563 | -0.04421 | -0.09389 | 0.09846 | -0.06798 | 0.07830 | 0.03495 |
| 80 | c \| cs + e0-4d | 26 | 89 | -0.00563 | -0.08072 | -0.09286 | 0.00375 | -0.06798 | 0.21554 | 0.02790 |
| | **Baths** | | | | | | | | | |
| 5 | o[fptk]e4dy | 56 | 1444 | -0.00563 | -0.16609 | -0.08055 | 0.24903 | -0.06590 | 0.08057 | -0.01144 |
| | **Temperature/Moisture?** | | | | | | | | | |
| 23 | [tk]e4dy | 43 | 309 | -0.00563 | -0.11298 | -0.10086 | 0.14284 | -0.06474 | 0.18070 | -0.03934 |
| | **Problem/Disease Hierarchy** | | | | | | | | | |
| 20 | o[dlrs]ce4y Superset | 90 | 196 | 0.00458 | -0.05441 | -0.03777 | 0.16478 | 0.00855 | -0.06456 | -0.02117 |
| 47 | okce0-4dy | 15 | 188 | -0.00563 | -0.11336 | -0.06686 | 0.05742 | -0.05202 | 0.12009 | 0.06035 |
| 56 | opce0-4dy | 17 | 159 | -0.00563 | -0.16213 | -0.09781 | 0.03287 | -0.06169 | 0.24317 | 0.05122 |
| 59 | o[fptk]c + e0-4dy | 66 | 554 | -0.00563 | -0.11912 | -0.07883 | 0.02935 | -0.06076 | 0.16700 | 0.06797 |
| 62 | ofc + e0-4 + y \| dy \| o[dlrs]y | 35 | 65 | -0.00563 | 0.09041 | 0.03436 | 0.02813 | -0.06798 | -0.09423 | 0.01493 |
| 68 | ofc + e4 + y \| dy \| o + [lr] Superset | 39 | 75 | -0.00563 | 0.06579 | 0.02924 | 0.01274 | -0.02798 | -0.07884 | 0.00468 |
| | **Small Unassigned Section 3 Categories** | | | | | | | | | |
| 31 | [yo][fptk]e4d | 21 | 60 | -0.00563 | -0.19421 | -0.05410 | 0.11274 | -0.06798 | 0.22116 | -0.01199 |
| 73 | a[dlrsmg]c | 66 | 91 | -0.00563 | -0.04146 | 0.11568 | 0.01054 | -0.02402 | -0.02610 | -0.02902 |
| 79 | o[fptk][dlrsmg] | 49 | 68 | -0.00563 | -0.11774 | -0.05998 | 0.00392 | -0.03857 | 0.10351 | 0.11448 |
| | **Anatomical Target/Cause** | | | | | | | | | |
| 1 | olcey relative | 84 | 277 | -0.00563 | -0.17146 | -0.09688 | 0.35787 | -0.02105 | -0.04058 | -0.02228 |
| 4 | olcey relatives (non -edy) | 47 | 138 | -0.00563 | -0.12754 | -0.08960 | 0.27651 | 0.00449 | -0.02522 | -0.03301 |
| 14 | olk | 187 | 557 | -0.00563 | -0.19008 | -0.06460 | 0.18438 | -0.04284 | 0.04611 | 0.07266 |
| 15 | ol[tk] | 234 | 621 | -0.00563 | -0.17665 | -0.05579 | 0.17989 | -0.04543 | 0.03033 | 0.07327 |
| 21 | olt | 48 | 65 | -0.00563 | -0.06344 | 0.01898 | 0.15120 | -0.06798 | -0.10961 | 0.07647 |
| 26 | ol[dtk] | 340 | 842 | -0.00325 | -0.08756 | -0.04947 | 0.12984 | 0.01160 | -0.04369 | 0.04252 |
| 30 | [fptk][yo]lc | 42 | 53 | -0.00563 | -0.14326 | -0.06636 | 0.11463 | 0.06410 | 0.09851 | -0.06199 |
| | **Other Suspected Liquid Ingredients** | | | | | | | | | |
| 8 | cectey relatives | 24 | 197 | -0.00563 | -0.03532 | -0.06349 | 0.23406 | -0.05782 | -0.03011 | -0.04169 |
| 10 | ceckey relatives | 32 | 377 | -0.00297 | -0.05017 | -0.09349 | 0.20797 | -0.04145 | 0.01824 | -0.03812 |
| 11 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 83 | 623 | -0.00402 | -0.04060 | -0.07842 | 0.19798 | -0.04390 | 0.00045 | -0.03149 |
| 41 | cse4y | 9 | 578 | 0.00129 | -0.04680 | -0.02105 | 0.08091 | 0.00815 | -0.00549 | -0.01701 |
| 63 | ce4y | 5 | 737 | -0.00020 | -0.01062 | -0.01590 | 0.02034 | 0.00122 | 0.03323 | -0.02807 |
| 71 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4y | 87 | 2060 | 0.00505 | 0.07181 | -0.02983 | 0.01080 | 0.00484 | -0.03613 | -0.02655 |
| 76 | c + c[s \| fptk]e4y | 26 | 1624 | 0.00484 | 0.04939 | -0.02220 | 0.00794 | 0.02008 | -0.03131 | -0.02874 |
| | **Sensory Hierarchy?** | | | | | | | | | |
| 25 | ety | 30 | 93 | -0.00563 | 0.02837 | 0.00343 | 0.13532 | -0.01421 | -0.11755 | -0.02973 |
| 33 | et[yo] | 45 | 115 | 0.00307 | 0.07101 | 0.00895 | 0.09970 | -0.01580 | -0.13971 | -0.02721 |
| 39 | eky | 40 | 217 | -0.00102 | 0.03759 | 0.01111 | 0.09385 | -0.02189 | -0.07147 | -0.04817 |
| 46 | ek[yo] | 65 | 255 | -0.00170 | 0.05873 | 0.01355 | 0.06372 | -0.00523 | -0.08277 | -0.04630 |
| 51 | et[yoa] | 90 | 186 | 0.00513 | 0.00687 | 0.01956 | 0.04930 | -0.02497 | -0.02078 | -0.03511 |
| 69 | ek[yoa] | 137 | 446 | -0.00338 | 0.05108 | 0.01922 | 0.01229 | -0.02089 | -0.02324 | -0.03509 |
| | **Color/Diagnostic Criteria** | | | | | | | | | |
| 52 | [yo]c + e4dy | 45 | 110 | -0.00563 | -0.13057 | -0.04955 | 0.04911 | -0.04070 | 0.10297 | 0.07437 |
| 78 | [yo]cse4y | 24 | 57 | 0.04701 | 0.02158 | 0.00117 | 0.00572 | -0.05043 | -0.05077 | 0.02573 |
| | **Remedy/Solution Hierarchy** | | | | | | | | | |
| 27 | okal variants | 54 | 544 | -0.00379 | -0.13428 | 0.12201 | 0.12892 | -0.04959 | -0.06377 | 0.00051 |
| 40 | o[fptk]ai4n | 91 | 1598 | 0.00063 | -0.13150 | -0.06154 | 0.08684 | -0.05609 | 0.14982 | 0.01185 |
| 55 | a-axis of [yo][fptk][ao][lr] | 218 | 1731 | -0.00274 | -0.11801 | 0.08308 | 0.03400 | -0.03909 | 0.01289 | 0.02986 |
| 65 | otal variants | 43 | 333 | -0.00563 | -0.15607 | 0.14215 | 0.01695 | -0.02593 | 0.01545 | 0.01308 |
| | **Pipe/Flow/Queue** | | | | | | | | | |
| 28 | o[lr]o | 155 | 274 | -0.00198 | 0.04521 | -0.04205 | 0.12296 | -0.00228 | -0.09636 | -0.02549 |
| 29 | ol[yo] | 169 | 388 | -0.00563 | 0.00218 | 0.06601 | 0.12202 | 0.01965 | -0.16544 | -0.03880 |
| 37 | o[lr][yo] | 268 | 583 | -0.00048 | 0.01283 | 0.03655 | 0.09576 | 0.03322 | -0.14677 | -0.03112 |
| 42 | aro[dlrsmg] | 56 | 105 | -0.00563 | -0.16087 | 0.01971 | 0.07941 | 0.02726 | 0.03544 | 0.00468 |
| 43 | o[lr]y | 121 | 318 | 0.00066 | -0.00804 | 0.10030 | 0.07375 | 0.06410 | -0.19394 | -0.03683 |
| 44 | ol[yoa] | 259 | 614 | -0.00563 | -0.06619 | 0.10926 | 0.06681 | 0.03137 | -0.11109 | -0.02453 |
| 50 | or[yo] | 103 | 200 | 0.00937 | 0.03079 | -0.02410 | 0.05274 | 0.05702 | -0.10884 | -0.01699 |
| 53 | ol[oa] | 187 | 401 | -0.00563 | -0.06977 | 0.09291 | 0.03968 | 0.02180 | -0.05939 | -0.01960 |
| 58 | o[lr][yoa] | 450 | 1044 | -0.00275 | -0.05474 | 0.06257 | 0.03113 | 0.05271 | -0.08344 | -0.00548 |
| 61 | dairol/soral relatives | 113 | 190 | -0.00563 | -0.13631 | 0.13274 | 0.02853 | 0.05308 | -0.08937 | 0.01696 |
| 66 | o[lr][oa] | 337 | 735 | -0.00427 | -0.07108 | 0.04420 | 0.01410 | 0.04767 | -0.03803 | 0.00740 |
| 74 | [ao][lr][ao][lr] Pipe/Flow | 440 | 843 | -0.00444 | -0.11627 | 0.11892 | 0.00966 | 0.01031 | -0.02499 | 0.00681 |
| | **Temporal Concepts?** | | | | | | | | | |
| 57 | oke0-4y | 102 | 1314 | -0.00487 | -0.08036 | 0.00473 | 0.03268 | 0.02639 | 0.05601 | -0.03459 |
| 72 | o[tk]e0-4y | 172 | 2042 | -0.00318 | -0.05180 | 0.02813 | 0.01059 | 0.00254 | 0.03800 | -0.02428 |
| | **Double-Vowel Pharmacologicals** | | | | | | | | | |
| 19 | [q \| fptk \| dlrsmg] + oi0-4[lr] | 29 | 1819 | -0.00178 | -0.04022 | -0.06177 | 0.16678 | 0.02163 | -0.09523 | 0.01058 |
| 32 | oi4[dlrsmg \| n] | 13 | 1124 | -0.00029 | -0.05488 | -0.04360 | 0.10100 | 0.02010 | -0.07778 | 0.05545 |
| 35 | [dlrsmg \| fptk] + oi4[dlrsmg \| n] | 55 | 809 | 0.00303 | 0.05437 | -0.06207 | 0.09952 | 0.05687 | -0.11568 | -0.03603 |
| 64 | oi4n | 4 | 58 | 0.01162 | -0.13903 | -0.00065 | 0.01964 | 0.08720 | 0.01426 | 0.00697 |
| | **Prefixes** | | | | | | | | | |
| 6 | lc-initial | 100 | 457 | -0.00563 | -0.23075 | -0.09972 | 0.24819 | -0.05485 | 0.18505 | -0.04230 |
| 13 | [sr]c-Initial | 94 | 179 | 0.01113 | 0.02982 | -0.05940 | 0.18704 | -0.02328 | -0.12801 | -0.01730 |
| 18 | qo variants | 5 | 59 | -0.00563 | 0.01088 | -0.07020 | 0.16867 | -0.01713 | -0.02461 | -0.06199 |
| 22 | l[drs] Prefixes | 27 | 95 | -0.00563 | -0.14684 | -0.06199 | 0.14958 | -0.04692 | 0.08958 | 0.02222 |
| 24 | so | 132 | 378 | -0.00298 | -0.00585 | -0.00621 | 0.14078 | 0.05636 | -0.15186 | -0.03024 |
| 49 | sc-initial | 57 | 103 | 0.01379 | 0.18152 | -0.02643 | 0.05546 | -0.01943 | -0.20117 | -0.00374 |
| | **Suspected Verbs** | | | | | | | | | |
| 34 | sai4n | 6 | 258 | 0.00213 | -0.04227 | -0.04983 | 0.09956 | 0.01729 | 0.00023 | -0.02711 |
| 45 | [dlrsmg]ai4[lr] | 18 | 875 | 0.00466 | -0.02449 | 0.05362 | 0.06417 | 0.01202 | -0.11884 | 0.00887 |
| 48 | rai4n | 3 | 115 | -0.00563 | -0.20725 | -0.07801 | 0.05622 | -0.03319 | 0.31246 | -0.04460 |
| 54 | [dlrsmg] + ai4[lr] + y-suffix | 20 | 1035 | 0.00404 | -0.02657 | 0.05726 | 0.03690 | 0.01608 | -0.09913 | 0.01144 |
| 60 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | 40 | 222 | 0.00789 | -0.09601 | 0.15266 | 0.02896 | -0.00041 | -0.07614 | -0.01695 |
| 70 | [dlrsmg \| fptk] + ai4[dlrsmg] | 63 | 1444 | 0.00130 | -0.00335 | 0.04410 | 0.01150 | 0.00751 | -0.07801 | 0.01696 |
| | **Other Connectives** | | | | | | | | | |
| 38 | c \| cs + e0-4l | 21 | 64 | -0.00563 | -0.07546 | -0.04160 | 0.09399 | -0.05235 | 0.14303 | -0.06199 |
| 67 | Consonant Clusters | 35 | 115 | 0.00307 | -0.05073 | 0.02634 | 0.01274 | -0.05928 | 0.05159 | 0.01627 |
| 75 | c \| cs + e0-4[dlrsmg] | 91 | 281 | -0.00207 | -0.04154 | 0.04181 | 0.00847 | -0.03595 | 0.03788 | -0.00861 |
| 77 | [dlrsmg]e0-4y | 10 | 453 | 0.00100 | 0.16937 | 0.04381 | 0.00700 | -0.01058 | -0.19717 | -0.01343 |

Table 29.2: Distribution of o[fptk]c + $e^{0-4}$dy Members within Section 3, Ordered by Individual Page Word Shares

| Rank | Folio | Local Count | Page Word Count | Page Word Share | Words |
|---|---|---|---|---|---|
| 1 | f83r | 18 | 346 | 0.05202 | opcsedy, qopceedy, qokcseedy, qokcedy, qofcsedy, qopceedy, qokceedy, qokcseedy, qotceedy, qokcedy, opcseedy, otcsedy, qokceedy, otceedy, qotceedy, qokceedy, otcedy, qokcedy |
| 2 | f79r | 12 | 388 | 0.03093 | otceedy, ykceedy, qokcseedy, qotcsedy, opceedy, otceedy, otcseedy, qokcseedy, qokcedy, opceedy, qotcseedy, otcsedy |
| 3 | f66r | 7 | 323 | 0.02167 | opceedy, ykcseedy, qokceedy, otceedy, otcedy, ykcedy, qotceedy |
| 4 | f79v | 7 | 354 | 0.01977 | qokcseedy, opceedy, ofcedy, otcsedy, ofceedy, opceedy, okceedy |
| 5 | f75v | 7 | 360 | 0.01944 | opceedy, opceedy, qokcedy, cseokcsedy, qotcedy, otcedy, qokcedy |
| 6 | f81r | 4 | 207 | 0.01932 | opceedy, ofcsedy, qopceedy, qokceedy |
| 7 | f84r | 7 | 367 | 0.01907 | ykcsedy, otcseedy, qokceedy, qotceedy, oqofceedy, otcedy, otceedy |
| 8 | f78v | 5 | 288 | 0.01736 | ofceedy, qokcedy, opceedy, opceedy, opceedy |
| 9 | f78r | 5 | 297 | 0.01684 | qopceedy, qokcedy, ofceedy, qopceedy, qotceedy |
| 10 | f75r | 7 | 420 | 0.01667 | qokcedy, qokcedy, qokcsedy, qokcedy, okcedy, otcseedy, qokcseedy |
| 11 | f76r | 9 | 558 | 0.01613 | opcsedy, opcedy, qokcedy, qopceedy, otcseedy, opceedy, qokcedy, opcedy, qopceedy |
| 12 | f81v | 4 | 261 | 0.01533 | okcseedy, qofceedy, qokcedy, okceedy |
| 13 | f83v | 4 | 266 | 0.01504 | opceedy, qotcedy, okcedy, okcedy |
| 14 | f84v | 4 | 344 | 0.01163 | qokcseedy, ofceedy, yfceedy, okcedy |
| 15 | f80v | 4 | 388 | 0.01031 | qokcedy, qokcedy, qopcseedy, qopcseedy |
| 16 | f76v | 4 | 396 | 0.01010 | qopcedy, otceedy, qokcseedy, opceedy |
| 17 | f82v | 3 | 328 | 0.00915 | qotcseedy, otcseedy, opceedy |
| 18 | f82r | 2 | 289 | 0.00692 | ceopceedy, qokcedy |
| 19 | f80r | 3 | 449 | 0.00668 | okcedy, otceedy, opceedy |
| 20 | f77r | 2 | 325 | 0.00615 | qopceedy, qopceedy |
| 21 | f77v | 2 | 335 | 0.00597 | qopcseedy, qokceedy |

Table 29.3: Distribution of [yo]c + e4o Superclass and [yo]c + e4dy Members within Section 3, Ordered by Individual Page Word Shares

| Rank | Folio | Local Count | Page Word Count | Page Word Share | Words |
|---|---|---|---|---|---|
| 1 | f82r | 4 | 289 | 0.01384 | qocseedy, octeeol, qocsedy, loceedy |
| 2 | f81r | 2 | 207 | 0.00966 | yceedy, ocseeedy |
| 3 | f66r | 3 | 323 | 0.00929 | tocseeo, ycseeeod, qocteedy |
| 4 | f77v | 3 | 335 | 0.00896 | yceeedy, yceedy, dyceedy |
| 5 | f83r | 3 | 346 | 0.00867 | qockeol, cseocpeedy, oceeol |
| 6 | f80v | 3 | 388 | 0.00773 | yceeol, yceedy, ycseedy |
| 7 | f76v | 3 | 396 | 0.00758 | opakor, oceedy, qockeedy |
| 8 | f75r | 3 | 420 | 0.00714 | ycseedy, ycseedy, ycseeor |
| 9 | f78v | 2 | 288 | 0.00694 | ycseedy, yceeolk |
| 10 | f79v | 2 | 354 | 0.00565 | yceedy, ycseedy |
| 11 | f80r | 2 | 449 | 0.00445 | octeor, ofaloir |
| 12 | f81v | 1 | 261 | 0.00383 | ocseedy |
| 13 | f82v | 1 | 328 | 0.00305 | ycseedy |
| 14 | f84v | 1 | 344 | 0.00291 | oceedy |
| 15 | f75v | 1 | 360 | 0.00278 | yceeedy |
| 16 | f84r | 1 | 367 | 0.00272 | ycseedy |
| 17 | f79r | 1 | 388 | 0.00258 | ycseedy |
| 18 | f76r | 1 | 558 | 0.00179 | ycseeedy |

Table 29.4: Distribution of ol[fptk] Members within Section 3, Ordered by Individual Page Word Shares

| Rank | Folio | Local Count | Page Word Count | Page Word Share | Words |
|---|---|---|---|---|---|
| 1 | f80v | 30 | 388 | 0.07732 | dolfceedy, olkain, olkeedy, tolpcey, olteedy, olky, olkain, olkal, olkedy, olpockey, olty, poltecseol, olkar, oltaiin, olkain, olkain, olkeeol, olkain, qolky, olkain, solkain, olky, qolkain, olkain, olkain, oltain, olkar, olky, olkcey, olkal |
| 2 | f81r | 12 | 207 | 0.05797 | olpceedy, olkal, olkedy, oltedy, olpceedy, olkeey, olkedy, olkaiin, olkar, olkaiin, olkcsedy, olkedy |
| 3 | f82v | 19 | 328 | 0.05793 | olkeedy, olfceedy, ceolkaiin, olkeedy, qolkedy, olkain, qolkcseey, olkeedy, olkaiin, olkair, olkeedy, qolkain, olkain, qolkeey, olkain, olkol, olkain, olkeey, olkol |
| 4 | f80r | 26 | 449 | 0.05791 | qopolkain, oltoiin, solkain, ceeoltain, solky, olkar, olkam, oltain, olkain, olkeey, olky, olkaiin, olkain, pceeolkal, olkol, olkeey, olkeey, olkeeey, olky, tolkain, olkain, olkain, olkeey, olky, soltlcseey, olky |
| 5 | f79v | 20 | 354 | 0.05650 | olkory, qolkeedy, olky, qolkeedy, olkam, qoltedy, olkeey, olkcseey, olkeedy, olkeedy, olkain, olkey, tolkey, olkain, olkey, olkair, olkeey, oltcsesey, olkeeey, olkeey |
| 6 | f83v | 12 | 266 | 0.04511 | olkedy, olkcseedy, rolkeedy, olkar, qolky, olkeedy, solkeedy, qolkeedy, qolteedy, cseeolkain, olkeedy, ceeolkain |
| 7 | f78v | 12 | 288 | 0.04167 | olfceedy, lolkedy, olkeey, olkain, yceeolk, olkeedy, qolkecsedy, olkedy, olkecseey, oltarolkaiin, olkain, oltal |
| 8 | f81v | 9 | 261 | 0.03448 | olkain, olkeedy, solkeey, qolky, olkain, olkeol, olkeedy, olkeedy, olkal |
| 9 | f84v | 11 | 344 | 0.03198 | olkeey, olkeedy, olkcey, dolkedy, solkes, oltaiin, olkain, qolkeedy, olkal, olkeey, olkedy |
| 10 | f79r | 12 | 388 | 0.03093 | olkl, qolkeey, qolkeedy, olteedy, olkaiin, oltcseedy, olkeeey, polkeey, olky, olkal, oltcseey, olkeey |
| 11 | f75v | 11 | 360 | 0.03056 | olkcey, olkey, olked, olkain, olkedy, kolkedy, qolkcey, solkedy, olkol, olkedy, olkedy |
| 12 | f84r | 11 | 367 | 0.02997 | olkedy, qolkeey, olkey, olky, qsolkeedy, olkedy, olkedy, olkedy, olkeedal, olky, olkeedy |
| 13 | f78r | 8 | 297 | 0.02694 | olkedy, olkedy, olkain, tcedoltdy, olkeey, olkee, olkain, solkeedy |
| 14 | f76v | 9 | 396 | 0.02273 | ceolkeeey, olkedy, solkeey, olkeey, qolkeeey, olkeey, qolkeedy, olkedy, qolkey |
| 15 | f77v | 7 | 335 | 0.02090 | qolky, qolkaiin, olky, olkaiin, oltedy, solkceedy, olkeedal |
| 16 | f83r | 7 | 346 | 0.02023 | olkeedy, olkeey, solkeedy, solkeedy, solkey, qolkain, solkeey |
| 17 | f75r | 7 | 420 | 0.01667 | olky, olkeey, qolkary, olkar, solkedy, olkedy, olkeedy |
| 18 | f77r | 5 | 325 | 0.01538 | olkedy, solteedy, qolkain, solkeey, olkoes |
| 19 | f66r | 4 | 323 | 0.01238 | ceolpced, cseolfos, solf, olkeol |
| 20 | f76r | 6 | 558 | 0.01075 | qolp, olkeey, olky, olkal, kolpy, olkedy |
| 21 | f82r | 2 | 289 | 0.00692 | solkaiin, olkoky |

Table 29.5: Rosette #1-2 and #8 Zone Mappings to f75r Figures

| f75r Pool #1 Nymphs | Rosette #8 Line | Rosette #1 Compartments | Rosette #2 Line | Other Rosettes |
|---|---|---|---|---|
| #1 (sal okeedy) | #8 Outer Ring (…okedy…okeedy) | #4 (okedy) | #2 Outer Ring (…okeedy…ykeedy…) | #4 Compartment #1 (…daiiin okeedy…),<br>#2 (…qokedy qokedy…)<br>#5 Compartment #5 (okedy)<br>#6 Compartment #8 Label #5 (okedy) |
| #2 (daly yoeey) | Exterior Label #2 (yoe *as)<br>Exterior Label #6 (sceedoy olal)<br>Outer Ring (…qoeey…)<br>f57v Hand-Raiser #4 (otar daly) | #3 (docfcey) – originally docfoey | #2 Castle #3 Lighthouse-Like (opoor daly) | |
| #3 (sols daro) | Smokestack (orarol)<br>f57v dairol | | Interior Ring (…ytodaro…)<br>f68v3 (#3 doar ykeol darol daly solaiin ckcey olekeey dy ykeol cteeepcey dar) | #9 Center #16 (ddaro) |
| #4 (yoety) | Exterior Label #2 (yoe *as)<br>Outer Ring (…oto…) | | Protrusion Exterior (…oty) | #7 Outer Ring (…oty daiiin…) |
| #5 (saiino) | | #2 (daiiny) | | |
| #6 (saldy) | #7-8 Bridge Interior #3 (daldar)<br>f67v2 Diagram Center #4 (aslaldy) | #8-1 Bridge Bottom (daraldy)<br>#8-1 Bridge Top (daldal) | Outer Ring (…sarald…) | #5 Outer Ring (…alo saldan…) |
| #7 (dainy) | | #2 (daiiny) | | |

Table 29.6: Rosette Zone Mappings to f75v Figures

| f75v Pool #3 Nymph | Rosette #8 | Rosette #1 | Rosette #2 | Rosettes #7 and #3 | Rosettes #4-6 |
|---|---|---|---|---|---|
| #1 (olcsey saral) | #8-1 Bridge Bottom (daraldy) | | Outer Ring (…sarald…)<br>f68v1 Exterior Stars #2-3 (oteeos araly, okecedaral) in line with Rosettes #1-2 and #2-3 | #7 Left Label #4 (olcey)<br>#7 Outer Ring (…olkoaiiin okal…)<br><br>#3 Outer Ring #1 (olkar…qokal…olcsey…olkocpe) and #2 (…okal…)<br>f67v2 Diagram Interior #2 (okalain) | f68r3 Star Quadrant #6 Star #2 (daral l) in line with #6 weak though; not an exact match, unlike sarald<br><br>#4 Compartment #1 (…qokcey…) |
| #2 (dokal darol)<br>#4 (dalkar qokal) | #8 Outer Ring (…okalol…)<br>f57v dairol | #1 Outer Ring (…okal okal…ykal…)<br>f68r3 #1 (…okald…) | #2 Interior Ring (...ytodaro...)<br>f68v3 Diagram Center #3 (...darol...)<br>f67v2 Diagram Center #1 (oralaror) | | *** #4-6 only on the okal, not the aro<br><br>#6 Outer Ring (… otedy…olceedy okal m…)<br>#5-6 → Stars #3 yceeeo keey qokal okeeg<br>Rosette #4-5 → Sides #3 qokeody okeey ceekcey ceckey okal ody ceedy<br><br>#5 Compartment #2 (okalar)<br>#5 Outer Ring (…otedy…okal okalar)<br><br>#4 Compartment #7 (opced opcedy qokal)<br>#4 Outer Ring (…okalol…)<br>Diagram Center #2 (okaly)<br>Protrusion #3 (oar ykaly cear) |
| #3 (daldy dalcsed) | #7-8 Bridge Interior #3 (daldar)<br>f67v2 Diagram Center #4 (aslaldy) | #8-1 Bridge Bottom (daraldy)<br>#8-1 Bridge Top (daldal) | #2 Outer Ring (…sarald…) | | #5 Outer Ring (…alo saldan…) |
| #5 (dly ory) | | #1 Quadrant #10 (okory) - weak | | | #6-7 Bridge Interior East (odl)<br>#4 Compartment #1 (… qokcey cefcedy ory…) |
| #6 (oty loey) | Exterior Labels #2 (yoe *as) and #6 (sceedoy olal)<br>Outer Ring (…oto…qoeey…)<br>f57v Hand-Raiser #4 (otar daly) | #1.3 (docfcey) – originally docfoey | Protrusion Exterior (…oty) | #7 Outer Ring (…oty daiiin…)<br><br>see loly, loety on f84r | #6 Compartment #8 Label #2 (lokedcses) weak, only on *lo* |
| #7 (dary dal) | f68v3 Stars #4 (ydaiil ol ceok okceyd) in line with #7-8?<br><br>vs. f57 dairol | odal in the Outer Ring? | #2 Interior Ring (...ytodaro...), Diagram Center #1 (oralaror)<br>f68v3 Diagram Center #3 (...darol...) | #7 Outer Ring (...odal…olkoaiiin okal…)? | |
| #8 (daldy qoted) | Outer Ring (…otdar…oteed oteedy…)<br>#7-8 Bridge Interior #3 (daldar)<br>f67v2 Diagram Center #4 (aslaldy) | otedy in #1 Outer Ring,<br>#8-1 Bridge Bottom (daraldy)<br>#8-1 Bridge Top (daldal) | Outer Ring (…oteoteedy otod…sarald…)<br>otedy in #2 Protrusion Exterior | Outer Ring (…otedy qotedy…) | #6 Outer Ring (…otedy…)<br>#6 Compartment #7 (otedy oparom)<br><br>#5 Outer Ring (…olky…alo saldan…otedy…okal okalar) and Compartments #7, #10 (oteedy, otedy)<br><br>#4 Compartment #4 (…oteedy…)<br>#4 Outer Ring (…otedy…) |
| #9 (rlal ykedy) | Outer Ring (…okedy…okeedy) | Quadrant #4 (okedy) | Outer Ring (…okeedy…ykeedy…) | | okedy in #6 Compartment #8 Label #5 and #5 Compartment #5<br><br>okeedy and qokedy qokedy in #4 Compartment #1-2 |
| #10 (olkcey otoly) | #8 Outer Ring (…olkeeodaiin…) | Outer Ring (…okal okal…ykal…otedy …odal…**olkcedy**…otol …oly …olkaiin…) | #2 Castle #4 On Bridge to #3 (otcedy otoldy) | #7 Outer Ring (…ceeolky…olkoaiiin…)<br><br>#3 Outer Ring Sentence #1 (olkar…olkocpe) | Exterior Attachment (…oteoly) closest to otoly<br>#6 Outer Ring (…olkaiin…)<br><br>#4 Compartment #5 (otol ar das l cedy)<br>#4 Outer Ring (… olkar…)<br><br>#5 Outer Ring (…olky…) |

Table 29.7: Rosette #4-6 Zone Mappings to f84r Figures

| f84r Pool #17 Nymphs | f84r Paragraphs | Rosette #6 Line | Rosette #5 | Rosette #4 | Other |
|---|---|---|---|---|---|
| #1 (ololal) | #1 olar, #3 olor, #5 alol | to oloeedy in Outer Ring in Version #29 | Outer Ring (…ol ar…) | Compartment #4 (…oteedy olaiiin…) | #7 Outer Ring (…olor …oiin…okal…)<br>#8 Exterior Label 6 (sceedoy olal)<br>#2 Outer Ring (…olar…ykeedy…olar)<br>Protrusion #2 (oeolales airar) in line with #2 |
| #2 (or cseekar) | #5 cseekar, #4 cseekam | | South-Oriented Text (ceekais okolarm) | Outer Ring (…ceekaiiin or…) | #3 Outer Ring Sentence #2 (…cseekal)<br>#2 Outer Ring (…cekar…)<br>#7 Outer Ring (…ceekaj…) |
| #3 (ydy) | no [yo]dy | Exterior Label #1 (ofodydy) | | | #7 Left Label #8 (olydy) |
| #4 (okedy) | 32 [yo]ke$^{1-2}$dy relatives across all 5 paragraphs | #8 Label #5 (okedy) | Compartment #5 (okedy) | Compartment #1 (…okeedy…okol cseeey…),<br>#2 (…qokedy qokedy…) | #1 Quadrant #4 (okedy)<br>#2 Outer Ring (…okeedy…ykeedy…)<br>#8 Outer Ring(…okedy…okeedy) |
| #5 (loly) | #5 alol, #2 oly, #4 oly, also lkol | Compartment #8 Label #6 (loltody) originally Attachment (…oteoly) | | | #1 Outer Ring (…otol …oral…oly…)<br>f69r #19 (doly dal dar ceyky) in line with #1-2<br>f69r #22 (dary dar aloly) in line with #3 |
| #6 (doiin) | none | | | Outer Ring (…okees oiiin…) | #7 Outer Ring (…oiin…)<br>#7-8 Bridge #1 (soiiin dy) |
| #7 (olcsey) | #1 olcseed, #2 olceey, #3qolceey, #4 (…olceedy…olcectey…ol ceckey olcedy…), #5 (…olcedy…olcsedy…olcectey…) | Outer Ring (…olceedy okal m…)<br>f69r #9 (ceor al ylcey ral) | | | #3 Outer Ring Sentence #2 (ykd okees olceedy okal ykol otodar cseekal) |
| #8 (otedy) | 19 [yo]te$^{1-4}$dy relatives across all 5 | Compartment #7 (otedy | Compartment #7 (oteedy) | Compartment #4 | #7 Outer Ring (…otedy qotedy…) |

| | | | | | |
|---|---|---|---|---|---|
| | paragraphs | oparom)<br>Outer Ring (…otedy…) | Compartment #10 (otedy)<br>Outer Ring (…otedy…) | (…oteedy…)<br>Outer Ring<br>(…otedy…) | f69r #10 (soir al okody otedy) in line with #7<br>otedy in #1 Outer Ring, #2 Protrusion Exterior<br>#2 Outer Ring (…oteoteedy otod…)<br>#8 Outer Ring (…oteed oteedy…) |
| #9 (lkol) | none except loly above | Compartment #8 Label #6<br>(loltody) originally | | | |
| #10 (okolcsey) | #4 qokol ceedy, #5 qokol | f68r3 #4 (dceokcey cseey okey oteos **okol csey**) in line with #5-6 | #5 Waxing Gibbous South-Oriented Text (ceekais okolarm)<br><br>f68r3 #4 dceokcey cseey okey oteos (**okol csey**) in line with #5 | Compartment #1 (…**okol cseeey…**)<br><br>f68r3 Quadrant #4 Stars #1 (**okol cey**)<br><br>Rosettes #3-4 → Stars #2 (cseoekeary cseeky **okol ceey** okol dom) | #3 Outer Ring #2 (...okal ykol...)<br>f68r3 #3 (qokol cedceol qoteey ceo kecey okcedy) in line with #3<br>#7 Outer Ring (… qokeol…)<br>Exterior #4 (okeol...okol dam...) in line with #8<br>------<br>#1 Outer Ring (... okeo ldy...)<br>f68r3 #8 (toees ykeo csee* **qokol ceey** qokcedy) in line with #1<br>------Rosette #2 and f68v3<br>f69r #20 (okceol qokol daly) in line with #2<br>Rosettes #2-3 → Sides #2 (okeol...)<br>f68v3 Diagram Center #3 (#3 doar ykeol darol daly solaiin ckcey olekeey dy ykeol cteeepcey dar)<br>f68v3 Inner Ring (okosy okcey okol ceoekey okeoeeey ol ykor otair or orol or keeey olkeeoly ykeeol) |
| #11 (otoly) | #3 qotol | Exterior Attachment (…oteoly) | | #4 Compartment #5 (**otol** ar **das l cedy**) | #1 Outer Ring (… **otol**…)<br>#2 Castle #4 On Bridge to #3 (otcedy otoldy)<br>Exterior #1 (…otoly…) in line with #2 |
| #12 (dcseedy) | #5 dcseedy (2x) | | | | #2 Outer Ring (…dcedy okeedy…) |
| Pool #17-18<br>Stream #1-2<br>(okaly cseey) | 8 qokal or okal relatives across all 5 paragraphs, including #3 (…okaly ceey okal ceedy…okal cseey…) | Outer Ring (… otedy…olceedy okal m…)<br>#5-6 → Stars #3 yceeeo keey qokal okeeg<br>#4-5 → Sides #3 qokeody okeey ceekcey ceckey okal ody ceedy | #5 Compartment #2<br>(okalar)<br>Rosette #5 Outer Ring<br>(…otedy…okal okalar) | #4 Compartment #7<br>(opced opcedy qokal)<br>#4 Outer Ring (…okalol…)<br>Diagram Center #2 (okaly)<br>Protrusion #3 (oar ykaly cear) | #3 Diagram Interior #2<br>(okalain)<br>#1 Outer Ring (…okal okal…ykal…)<br>f68r3 #1 toceedy ceocpey qokcedy dol okald in line with Rosette #1<br>qokal and okal in #3 Outer Ring Sentences #1-2<br>#7 Outer Ring (…olkoaiiin okal…)<br>#8 Outer Ring (…okalol…) |

Table 29.8: Rosette Zone Mappings to f82r Figures

| f82r Pool #15 Nymph | Rosette #6 | Rosette #5 | Rosette #4 | |
|---|---|---|---|---|
| #1 (okar)<br>#4 (okairajy) | Compartment #3 (okar am al) | Outer Ring (…okair …) | Compartment #1 (okar…)<br>#4 Outer Ring (okar ar okary…)<br>#4-5 Bridge #1 (okar) | #1 Outer Ring (…okair…)<br>#2 Bottom Exterior Label (okar oedody)<br>#2 Interior Ring (…oekairy…ykary…)<br>#3 Outer Ring Sentence #1 (…qokal okar okar…okar…) |
| #2 (okal)<br>#3 (okaldy) | Outer Ring (… okal m…) | Outer Ring (…otedy…okal okalar)<br>Compartment #2<br>(okalar)<br>#5-6 → Stars #3 yceeeo keey qokal okeeg<br>#4-5 → Sides #3 (…okal…) | Compartment #7<br>(opced opcedy qokal)<br>Outer Ring (…okalol…)<br>Diagram Center #2 (okaly)<br>Protrusion #3 (oar ykaly cear) | #1 Outer Ring (…okal okal…ykal…)<br>f68r3 #1 toceedy ceocpey qokcedy dol okald in line with Rosette #1<br>#3 Diagram Interior #2 (okalain)<br>qokal and okal in #3 Outer Ring Sentences #1-2<br>#7 Outer Ring (…olkoaiiin okal…)<br>#8 Outer Ring (…okalol…) |
| #5 (sorosl) | | | #4 Outer Ring (…oror) | f68v3 Inner Ring (…okol…orol …ykeeol) in line with #2 |
| #6 (olkoly) | Outer Ring (…olkaiin…) | Outer Ring (…olky…) | Outer Ring (… olkar…)<br>#4 Compartment #3 (dor oky soa) | #1 Outer Ring<br>(…olkcedy…olkaiin…)<br>f85r2 Quadrant #1 (...ockedor olkor cseoral) in line with #2<br>#3 Outer Ring Sentence #1<br>(olkar…olkocpe)<br>#8 Outer Ring (…olkeeodaiin…)<br>----------<br>#7 Outer Ring<br>(…ceeolky…olkoaiiin…)<br>#7 Left Label #8 (okydy)<br>#7 Outer Ring (… ceoky…) |
| #8 (sokoly) | | #5 Waxing Gibbous South-Oriented Text (ceekais okolarm)<br>f68r3 #4 dceokcey cseey okey oteos okol csey in line with #5 | #4 Compartment #1 (…okol cseeey…)<br>f68r3 Quadrant #4 Stars #1 (okol cey) in line with #4<br>Rosettes #3-4 → Stars #2 (cseoekeary cseeky okol ceey okol dom) and f68r3 #3 (qokol cedceol qoteey ceo kecey okcedy) in line with #3 | #3 Outer Ring #2 (...okal ykol...)<br>#7 Outer Ring (… qokeol…)<br>Exterior #4 (okeol...okol dam...) in line with #8<br>------<br>#1 Outer Ring (... okeo ldy...)<br>f68r3 #8 toees ykeo csee* qokol ceey qokcedy in line with #1<br>------Rosette #2 and f68v3<br>f69r #20 okceol qokol daly in line with #2<br>f68v3 Diagram Center #3 (#3 doar ykeol darol daly solaiin ckcey olekeey dy ykeol cteeepcey dar)<br>f68v3 Inner Ring (…okol…orol …ykeeol)<br>Rosettes #2-3  Sides #2 (okeol...) |
| #9-10 (dolol, olaiiin) | | | #4 Compartment #4 (…olaiiin…) | #7 Outer Ring (…olor…olaiiin) |
| #11 (okeeos) | | f69r #6 (okeos ar alg) in line with #5 | | f69r #17 (ykeeos al dair dar) in line with #1<br>----------<br>Rosette #2 Outer Ring (okos…)<br>f68v3 Inner Ring (okosy...)<br>Quadrant #2 Stars #1 okos #2 okory in line with Rosette #2<br>f68v3 Sides #2 (okeol ceeody qo oleey oceeky eeody okcedy oko okos)<br>Rosettes #2-3 → Sides #2 okeol ceeody qo oleey oceeky eeody okcedy oko okos<br>----------<br>#8 Outer Ring (…okos ol om…okor…) |
| f82r Shower #1-2 (daror, darory) | | | | Diagram Center #1 (oralaror) in line with #2<br>----------<br>Rosette #2 Interior Ring (...ytodaro...)<br>f68v3 Diagram Center #3 (...darol...)<br>f57v dairol in line with Rosette #8 |
| f82r Tube #1 (orol daiin) | | #4 Outer Ring (…oror) | | f68v3 Inner Ring (…okol…orol …ykeeol) in line with #2 |

Table 29.9: Rosette Zone Mappings to f82v Figures

| f82v Nymph | Rosette #7 | Rosette #6 | Rosette #5 | Rosette #4 | Rosettes #8 and #1-3 |
|---|---|---|---|---|---|
| #1 (otecedy) | Left Label #3 (otcedy)<br>Outer Ring (…otcedor…) | Compartment #6 (otcedy otody)<br>Outer Ring (otcedaiiin…) | Compartment #9 (otcedam)<br>Outer Ring (…otcedy otcegaiiin otedy…) | | #2 Castle #4 On Bridge to #3 (otcedy otoldy)<br>#3 Outer Ring Sentence #1 (…qotcedy…) |
| #2 (otedy) | Outer Ring (…otedy qotedy…) | Compartment #7 (otedy oparom)<br>#6 Outer Ring (…otedy…) | Compartment #7 (oteedy)<br>Compartment #10 (otedy)<br>Outer Ring (…otedy…) | Compartment #4 (…oteedy…)<br>Outer Ring (…otedy…) | otedy in #1 Outer Ring, #2 Protrusion Exterior<br>#2 Outer Ring (…oteoteedy otod…)<br>#8 Outer Ring (…oteed oteedy…) |
| #3 (otedal) | Outer Ring (…okedal…oteedaiiin…otcedor…)<br>Left Label #1 (otedal)<br>#7-8 Bridge Interior #1 (ytedar) | Compartment #8 Label #4 (ytedaiiin)<br>Outer Ring (…otodar otegar…okedol…)<br>f85r2 Quadrant #3 (…ytedar…) in line with #6 | Outer Ring (okedair…okedaiiin…okedal…otcegaiiin…) | Outer Ring (…okedaiin…)<br>f85r2 Quadrant #2 (…qotedar…) in line with #4 | |
| #4 (okal cey) | Outer Ring (…olkoaiiin okal…) | Outer Ring (… otedy…olceedy okal m…)<br>Rosette #5-6 → Stars #3 (…qokal…)<br>Rosette #4-5 →Sides #3 (…okal…) | Compartment #2 (okalar)<br>Outer Ring (…otedy…okal okalar) | Compartment #7 (opced opcedy qokal)<br>Outer Ring (…okalol…)<br>Diagram Center #2 (okaly)<br>Protrusion #3 (oar ykaly cear) | #3 Diagram Interior #2 (okalain)<br>#1 Outer Ring (…okal okal…ykal…)<br>f68r3 #1 (toceedy ceocpey qokcedy dol okald) in line with Rosette #1 qokal and okal in Rosette #3 Outer Ring Sentences #1-2<br>#8 Outer Ring (…okalol…) |
| #5 (olkeedy) | Outer Ring (…ceeolky…olkoaiiin…) | Outer Ring (…olkaiin…) | Outer Ring (…olky…) | Outer Ring (… olkar…) | #1 Outer Ring (…olkcedy…olkaiin…)<br>#3 Outer Ring Sentence #1 (olkar…olkocpe)<br>#8 Outer Ring (…olkeeodaiin…) |
| **f82v Pool #16 (oteedy)** | #7 Outer Ring (…otedy qotedy…) | Compartment #7 (otedy oparom)<br>#6 Outer Ring (…otedy…) | Compartment #7 (oteedy)<br>Compartment #10 (otedy)<br>Outer Ring (…otedy…) | Compartment #4 (…oteedy…)<br>Outer Ring (…otedy…) | otedy in #1 Outer Ring, #2 Protrusion Exterior<br>#2 Outer Ring (…oteoteedy otod…)<br>#8 Outer Ring (…otdar…oteed oteedy…) |
| Nymph #1 (okair) | | Compartment #3 (okar am al)<br>-- definitely not #7-8-1 at least | #5 Outer Ring (…okair …) | Compartment #1 (okar…)<br>#4 Outer Ring (okar ar okary…)<br>#4-5 Bridge #1 (okar) | #1 Outer Ring (…okair…)<br>#2 Bottom Exterior Label (okar oedody)<br>#2 Interior Ring (…oekairy…ykary…)<br>#3 Outer Ring Sentence #1 (…qokal okar okar…okar…) |
| Nymph #2 (olkol) | Outer Ring (…ceeolky…olkoaiiin…) | Outer Ring (…olkaiin…) | Outer Ring (…olky…) | Outer Ring (… olkar…) | #1 Outer Ring (…olkcedy…olkaiin…)<br>#3 Outer Ring Sentence #1 (olkar…olkocpe)<br>#8 Outer Ring (…olkeeodaiin…) |
| Nymph #3 (okol)<br>+ Shower f82v #1 (okoldy) | Outer Ring (… qokeol…) | | South-Oriented Text (ceekais okolarm)<br>f68r3 #4 (dceokcey cseey okey oteos okol csey) | Compartment #1 (…**okol cseeey…**)<br>f68r3 Quadrant #4 Stars #1 **okol cey** in line with #4<br>Rosettes #3-4 → Stars #2 (cseoekeary cseeky okol ceey okol dom) and f68r3 #3 (qokol…) | #3 Outer Ring #2 (...okal ykol...) Exterior #4 (okeol...okol dam...) in line with #8<br>------<br>#1 Outer Ring (... okeo ldy...) and f68r3 #8 (…okol ceey qokcedy) in line with it<br>------Rosette #2 and f68v3<br>Rosettes #2-3 → Sides #2 (okeol...)<br>f69r #20 (okceol qokol daly)<br>f68v3 Diagram Center #3 (…ykeol …ykeol…)<br>f68v3 Inner Ring (…okol …ykeeol) |
| **f82v Rainbow #** | | | | | |
| #1 (daiiin oty) | Outer Ring (…**oty daiiin…**) | | | | #8 Exterior Label #2 (yoe *as)<br>#8 Outer Ring (…oto…)<br>#2 Protrusion Exterior (…oty) |
| #2 (okeoky okedar)<br>#3 (otedol) | Outer Ring (…okedal…oteedaiiin…ceoky otcedor…)<br>Left Label #1 (otedal)<br>Left Label #8 (okydy)<br>#7-8 Bridge Interior #1 (ytedar) | Compartment #8 Label #4 (ytedaiiin)<br>Outer Ring (…otodar otegar…okedol…), f85r2 Quadrant #3 (…ytedar…) in line with #6 | Outer Ring (okedair…okedaiiin…okedal…otcegaiiin…) | Outer Ring (…okedaiin…)<br>f85r2 Quadrant #2 (…qotedar…) in line with #4<br>Compartment #3 (dor oky soa) | |

Table 29.10: Rosette Zone Mappings to f80r Figures

| f80r Queue Nymph | #8 | #7 | #6 | #5 | #4 | #3 | #2 | #1 |
|---|---|---|---|---|---|---|---|---|
| #1 Last but Facing Rightward (oraly) | | | | | f67v2 Diagram Exterior #2 (…ykaral am oralady…) in line with Rosette #4 | | f57v Diagram Center #1 (oralaror)<br>f85r2 Quadrant 1 (…olkor cseoral) | Outer Ring (...oral okcegy oly okain olkaiin…) |
| #2 "Squeegee" Holder (oloedy) | f67v2 Multi-Face Diagram #4 (otoedy) | Outer Ring (.. olor...) | | | | | | |
| #3 Right Hand Up (okaly) | #8 Outer Ring (…okalol…) | Outer Ring (…olkoaiiin okal…) | Outer Ring (…okal m…)<br>Rosette #5-6 → Stars #3 (yceeeo keey qokal okeeg) | Compartment #2 (okalar)<br>Outer Ring (…otedy…okal okalar) | Compartment #7 (opced opcedy qokal)<br>Outer Ring (…okalol…)<br>Rosette #4-5 → Sides #3 (…okal…)<br>Diagram Center #2 **(okaly)**<br>Protrusion #3 **(oar ykaly** cear) | Diagram Interior #2 (okalain)<br>Outer Ring Sentences #1 (…qokal okar okar …okar…) and #2 (...okal ykol...) | | Outer Ring (…okal okal…ykal…)<br>f68r3 #1 (toceedy ceocpey qokcedy dol okald) |
| #4 Crown with a Cross (okolo) | Exterior #4 (okeol...**okol** dam...) | Outer Ring (… qokeol…) | | #5 Waxing Gibbous South-Oriented Text (ceekais okolarm)<br>f68r3 #4 dceokcey cseey okey oteos **okol** csey) | Compartment #1 (…**okol cseeey…**)<br>f68r3 Quadrant #4 Stars #1 **okol cey** in line with #4<br>Rosettes #3-4 □ Stars #2 cseoekeary cseeky okol ceey okol dom and f68r3 | | Rosettes #2-3 → Sides #2 (okeol...)<br>f69r #20 (okceol qokol daly)<br>---------- f68v3 Diagram Center #3 (...ykeol...)<br>fInner Ring (okosy …okol…ykor | Outer Ring (... okeo ldy...)<br>f68r3 #8 (toees ykeo csee* qokol ceey qokcedy) |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | #3 qokol cedceol qoteey ceo kecey okcedy in line with #3 | | otair…orol…ykeeol) | |
| #5 2 Arms Thrust Backwards (okory) | Outer Ring (…okos ol om…okor…) | | | | | | Outer Ring (okos opair…) Protrusion Bottom-Right (okor) f68v3 Inner Ring (okosy okcey okol…ykor…ykeeol) | Quadrant #10 **(okory)** |
| #6 Blonde Red Headband Facing Rightward (opor) | | | Outer Ring (…**opor**…) | | | | | #2 Castle #3 Lighthouse-Like (**opoor** daly) #7 Outer Ring (…**opoeesal ceeolk**y…olkoaiiin…) |
| #7 Red Towel (olky) | | | | #5 Outer Ring (…**olky**…) | | | | |
| #8 (otal cseedy) | f69r #14 (ceodcey ceotal) | | | | #4 Outer Ring (…otalol otar…**otal**…) Rosettes #3-4 → Exterior Stars #4 (otol cees otaly) | | | |
| #9 Long Blonde Hair Removing Waist Towel (okar) #10 Waist Towel (Possibly Male) (okair) | | | #6 Compartment #3 (**okar** am al) | #5 Outer Ring (…**okair** …) | Compartment #1 (**okar**…) Outer Ring (okar ar okary…) #4-5 Bridge #1 (**okar**) | | Bottom Exterior Label (**okar** oedody) Interior Ring (…oekairy…ykary…) #3 Outer Ring Sentence #1 (…qokal **okar okar**…**okar**…) | Outer Ring **(…okair…)** |

Table 29.11: Rosette Zone Mappings to f77r Figures

| **Nymph** | **#8** | **#7** | **#6** | **#5** | **#4** | **#3** | **#2** | **#1** |
|---|---|---|---|---|---|---|---|---|
| #1 (daroedar) | Outer Ring (…odar …) f57v dairol | | Attachment (opacseeefcedy rar odair or odar air d oteoly) Compartment #8 Label #3 (otodar) Outer Ring (…otodar otegar…) f86v3 Jet Figure #3 (...ytceeodar...) | | Outer Ring (okar ar okary…odar…olkar okedaiin oror) f86v3 Jet Figure #2 (...otodar...) f85r2 Quadrant #2 (...olkey...qodar qotedar qokar qotced...) | Outer Ring Sentence #2 (…otodar …) | Outer Ring (...ykodar cees okodain...sarald todar cekar odair...) f57v Hand-Raiser #1 (otodarag) in line with #2 f68v3 Outer Ring (...kodar...) ---------- #2 Interior Ring (...ytodaro...) Diagram Center #1 (oralaror), f68v3 Center #3 (...darol...) | f69r Labeled Interior Bar #16 (okeodar oteody) |
| #2 (dotedy) & f77r Tube #2 (otedy) | Outer Ring (…otdar…oteed oteedy…) | Outer Ring (…otedy qotedy…) | Compartment #7 (otedy oparom) Outer Ring (…otedy…) | Compartments #7 (oteedy) & #10 (otedy), Outer Ring (…otedy…) | Compartment #4 (…oteedy…) Outer Ring (…otedy…) | | Outer Ring (…oteoteedy otod…) Protrusion Exterior (..otedy…) | Outer Ring (…otedy…) |
| #3 (otoedy) | f67v2 Multi-Face #4 (**otoedy**) | | | | | | | |
| #4 (otolaiino) & f77r Tube #4 (otol) | | Outer Ring (…olaiiin) | Exterior Attachment (…oteoly) ---------- f68v3 Center #3 (...solaiin...) → Exterior #3 (...solair cfeey solal…) | | Compartment #4 (…**olaiiin**…) Compartment #5 (**otol** ar das l cedy) | | Castle #4 On Bridge to #3 (otcedy otoldy) | Outer Ring (… **otol**…) |
| **f77r Tube #** | | | | | | | | |
| #1 (olkoes) | | | Outer Ring (…olkaiin…) | Outer Ring (…olky…) | Outer Ring (… olkar…) | Outer Ring Sentence #1 (olkar…olkocpe) | f85r2 Quadrant #1 (...**qotor**...ockedor **olkor cseoral**) f68v3 Outer Ring (…ykeoees…) f57v Diagram Center #1 (oralaror) | Outer Ring (…olkcedy…olkaiin…) f68r3 Star Quadrant #8 (toees ykeo csee* qokol ceey qokcedy) |
| #3 (otork) | | Outer Ring (…otosaiiin …) | | Compartment #8 (otos aiiin) | Jet Figure #2 (...otor...oteedy...) | | | |
| #6 (soral) | | | | | f67v2 Exterior #2 (…ykaral am oralady…) | | | Outer Ring (...oral…) |
| #5 (dcedy) | | | | | | | Outer Ring (…dcedy okeedy…) | |

Table 30.1: Pharmacological Rosette Mappings

| Canister | Ingredients | Primary Matches | Secondary Correlations | Section 3 |
|---|---|---|---|---|
| **f88r** | | | | |
| #1 (otor ceety) | Line 1 #1-5 (osal, orald, oldar, ototy, otaly) | **Rosette #4**<br>Outer Ring (…otalol …otedy otal …)<br>f67v2 Diagram Exterior 2 (...osalal...oralady...)<br>f68v1 Exterior Stars #4 (otol cees otaly)<br>f86v3 Jet Figure #2 (...otor...)<br>----------<br>Rosette #4 Exterior Fish-Tail (opaldar)<br>----------<br>Rosette #4 Compartment #5 (otol ar das l cedy)<br>f68v1 Exterior Stars #4 (otol cees otaly)<br><br>**Rosette #2**<br>Protrusion Top (osal)<br>f57v Diagram Center #1 (oralaror)<br>f85r2 Quadrant 1 (sain or or aiin opcedy qotor cseeedy cseodaiin olfar ary dair cseeo oraiin ceol daiin ockedor olkor cseoral)<br>f85r2 Quadrant 1 (...*olkor* cseoral)<br>----------<br>Outer Ring (…sarald…*dcedy*…)<br>f68r3 Star Quadrant #1 (…okald)<br>----------<br>Rosette #2 Castle #4 On Bridge to #3 (otcedy otoldy) f67v2 Diagram Exterior #1 (…otoly…) | **Rosette #8**<br>f68v1 Exterior Stars #8 (dair cpceety dy) → #7-8<br>f57v Diagram Center #4 (askaldy)<br>#8-1 Bridge Bottom (daraldy)<br>#8-1 Bridge Top (daldal)<br>#7-8 Bridge Interior #3 (daldar)<br>f69r #14 (ceodcey ceotal) | ototy like okeoky before etc.<br>f80r Queue Nymph #1 (oraly)<br>f80r Queue Nymph #8 (otal cseedy)<br><br>f77r Tube #3, #6 (otork, soral)<br>possibly to #1 (olkoes) and #5 (dcedy)<br>f77r Nymph #4 (otolaiino) f77r Tube #4 (otol)<br><br>f77v Nymph #4 (sororal)<br><br>Poisoned Nymph (otceeo daiin cety ykees ceeg)<br>f75r Pool #1 Nymph #4 (ycety)<br>f75v Pool #3 Nymph #6 (oty lcey)<br>f83r Nymph #4 (cetorol)<br>f83r Bottom Shower #1 (sasoldal)<br>f82v Rainbow #1 (daiiin oty)<br>f84v Pool #21 (..oldy...) |
| #2 (otaldy) | Line 2 #1-5 (orag, dary, okol, sorory, otydy) | **Rosette #4**<br>Outer Ring (…otalol...otal...**oror**)<br>Rosette #4 Compartment #1 (…okol…)<br>f68v1 Exterior Stars #4 (otol cees otaly)<br>----------<br>f67v2 Diagram Exterior #2 (…oralady…)<br>f68v2 Stars #4 (…orasaly)<br>f68r3 Star Quadrant #4 Star #1 (okol cey) | **Rosette #2 okol concentration**<br>f69r #20 (okceol qokol daly)<br>f68r3 Star Quadrant #8 (…qokol...y)<br>f68r3 Star Quadrant #3 (qokol...)<br>f68v3 Inner Ring (…okol…orol…ykeeol)<br>f68v3 Diagram Center #3 (…ykeo...ykeol...)<br>f68v3 Sides #2 (okeol…) | f80r Queue Nymph #4 (okolo)<br>f80r Queue Nymph #8 (otal cseedy)<br><br>f82r Pool #15 Nymph #5 (sorosl)<br>f82r Pool #15 Nymph #8 (sokoly)<br><br>f82v Pool #16 Nymph #3 (okol)<br>Shower f82v #1 (okoldy)<br><br>f75v Pool #3 Nymph #7 (dary dal)<br>f77v Nymph #4 (sororal)<br>f78r Pool #5 (otas odl ary orory)<br><br>f84r Pool #17 Nymph #10 (okol csey)<br>---------- less likely ora-polygraphs<br>f77r Tube #6 (soral)<br>f77v Nymph #4 (sororal)<br>f80r Queue Nymph #1 Last but Facing Rightward (oraly) |
| #3 (ofyskydal) | Line 3 #1, #2 Lupine? (otosag, ofaldo) | **Rosette #1**<br>Quadrant #5-7 (ofary, ofair, ofas)<br>#1-2 Bridge Interior (ofair ofalctey)<br>f68v1 Exterior Stars #2 (oteeos araly)<br>Rosette #1 Outer Ring (…odal…)<br><br>**Rosette #9**<br>Center #5, 15 (odal, ofdag)<br>Outer Ring Sentence #2 (…ofair oly olkair odal…) | **Rosette #5**<br>Compartment #1, #8 (ofas aiiin, otos aiiin)<br>f68v2 Star Divider #5 (otceos alag cey)<br>f68r3 Star Quadrant #4 (… oteos…)<br><br>**Rosette #7**<br>Outer Ring (…otosaiiin…odal …) | None |
| **f88v** | | | | |
| #4 (okolyd) | Line 1 #1-4 (ceeoctey, cpeeor, otar arody, otokol) | **Rosette #4**<br>Compartment #1 (…okol…)<br>Compartment #6 (oparod csecfedy tcsedy)<br>f85r2 Quadrant 2 (… qocteey…)<br>f68r3 Star Quadrant #4 Star #1 (okol cey)<br>f68v3 Stars #2 (…okol ceey okol dom)<br>Outer Ring (…otar…)<br><br>**Rosette #6**<br>f57v Diagram Center #3 (ocfeor okear)<br>f68r3 Star Quadrant #6 Star #4 (octey d)<br>f68r3 Star Quadrant #4 (dceokcey cseey okey oteos okol csey)<br>f85r2 Quadrant #3 (…arody…)<br>Outer Ring (…otar…)<br><br>**Rosette #2**<br>okol concentration<br>f68v3 Inner Ring (…okol…otair… ykeeol)<br>----------<br>f86v3 Jet Figure #1 (…otair…otais)<br>f67v2 Multi-Face Diagram #1 (otararain)<br>f69r #21 (ykeceody otar)<br>f86v3 Jet Figure #1 (…otair...ytar...otais) | | f80r Queue Nymph #4 (okolo)<br>f82r Pool #15 Nymph #8 (sokoly)<br>f82v Pool #16 Nymph #3 (okol)<br>Shower f82v #1 (okoldy)<br>f84r Pool #17 Nymph #10 (okol csey)<br><br>f78r Pool #5 (otas odl ary orory) |
| #5 (otor am) | Line 2 #1-3 (otory, ceeos dy, okaiiin) | **Rosette #8**<br>Outer Ring (…okaiin…)<br>Exterior Label 7 (dceos osasy)<br>f86v3 Jet Figure #4 (…ceeos…) | **Rosette #2**<br>f85r2 Quadrant #1 (…qotor…)<br><br>**Rosette #4** | f77r Tube #3 (otork)<br>f83v Tube #1 (okaiin) |

| | | | | |
|---|---|---|---|---|
| | | **Rosette #1**<br>Outer Ring (…okain olkaiin ody)<br>Rosette #1-2 Bridge #2 (opotceos ody) | f86v3 Jet Figure #2 (… otor…)<br>f85r2 Quadrant #2 (…cseeos…) | |
| #6 (daram dal) | Line 3 #1-3 (otydary, otdory, darar g am) | **Rosette #6**<br>Compartment #4 (opdaram)<br>Compartment #8 Label #3 (otodar)<br>Outer Ring (…otodar otegar…otl xasacsee…otedy okedol…xar…)<br>Rosette #5-6 Bridge #1 (otdar cseed)<br>the o[fptk]e$^{0-4}$dai$^{0-4}$[dlrsmg \| n] "rainbow" words on #5-6<br><br>**Rosette #9**<br>Canister #1 (otdodar oegy)<br>Canister #2 (socsexor arar)<br>the o[fptk]e$^{0-4}$dai$^{0-4}$[dlrsmg \| n] "rainbow" words on #9<br><br>**Rosette #8** (okcedarar)<br>Outer Ring (…odar…otdar…otodr …) | **Rosette #2**<br>Interior Ring (…odas aram…ytodaro…odar…ykodar…)<br>f57v Hand-Raiser #1 (otodarag) and f68v3 Diagram Center #1 (otodol)<br>f67v2 Protrusion #2 (oeolales airar)<br>f67v2 Multi-Face Diagram #1 (otararain)<br><br>**other odar model**<br>6 for Rosette #2<br>5 for #6<br>3 for #4<br>2 for #9<br>1-3 for #8<br>1 apiece for #1, #3 | Shower f84v1 (otdy dar…dar orog…) |
| **f89r1** | | | | |
| #7 (okcecsey) | Line 1 #1-4 (qkol, oldag, otoldy, arar ceodaiin) | **Rosette #9**<br>Center #8 (old)<br>Center #15 (ofdag)<br>Canister #2 (socsexor arar)<br>Outer Ring Sentence #2 (…odaiiin…)<br><br>**Rosette #6**<br>Exterior Attachment (…oteoly)<br>f85r2 Hand-Raisers #3 (orar oldar ain)<br>f68r3 Star Quadrant #5 (…otgoldl)<br>----------<br>Outer Ring (…odaiiin…)<br>f68v1 Exterior Stars #7 (oteodain sar)<br>f85r2 Quadrant #3 (…sodaiiin…qodain odain…)<br>f86v3 Jet Figure #3 (…qodaiin…)<br>---------- 5-6<br>f68v2 Star Divider #5 (otceos alag cey)<br>Rosette #5 Outer Ring (…odaiiin…)<br><br>**Rosette #8** (okcedarar)<br>Outer Ring (…olkeeodaiin…)<br>f85r2 Quadrant #4 (…qodain…qodaiin...aiin od)<br>f86v3 Jet Figure #4 (…otodaiin…cseodain…)<br><br>**Rosette #4**<br>Compartment #1 (…cseodaiiin)<br>Compartment #5 (otol ar das l cedy)<br>Outer Ring (…odaiin …)<br>f86v3 Jet Figure #2 (…qodaiin…)<br>f68v1 Exterior Stars #4 (otol cees otaly)<br><br>**Rosette #2**<br>Outer Ring (…okodain…lodaiin…)<br>f85r2 Quadrant #1 (…qotor…cseodaiin…)<br>f67v2 Protrusion #2 (oeolales airar) for #2<br>f57v Hand-Raiser 1 (otodarag)<br>Castle #4 On Bridge to #3 (otcedy **otoldy**)<br>f67v2 Diagram Exterior #1 (…otoly…)<br>~~f67v2 Multi-Face Diagram #1 (otararain) for #2~~ | | f83r Bottom Shower #1 (sasoldal)<br>f84v Pool #21 (…oldy…)<br><br>f75v Pool #3 Nymph #10 (olkcey otoly)<br>f77r Nymph #4 (otolaiino)<br>f77r Tube #4 (otol)<br>f77v Tube #1 (otol cseedy)<br>f77v Tube #2 (otolor)<br>f84r Pool #17 Nymph #11 (otoly) |
| #8 (ykyd) | Line 2 #1-3 (ceol cees, otorain, okaiin dan) | **Rosette #1**<br>Outer Ring (… yky…okain olkaiin ody)<br>f69r #19 (doly dal dar ceyky)<br><br>**Rosette #5**<br>Outer Ring (…saldan…yky…)<br><br>**Rosette #7**<br>Left Label #8 (okydy)<br><br>**Rosette #3**<br>Diagram Interior #3 (okcedy kary oraiiin cey)? | **Rosette #2**<br>f85r2 Quadrant #1 (…qotor…)<br>Interior Ring (…yky…)<br><br>**Rosette #4**<br>Compartment #8 (…ceeyky)<br>f68r3 Star Quadrant #4 Star #3 (cedy yky)<br>f86v3 Jet Figure #2 (… otor…) | f77r Tube #3 (otork)<br>f83v Tube #1 (okaiin) |
| #9 (yko cfey) | Line 3 #1-3 (saldam, sydarary, ydcpody) | **Rosette #1**<br>Quadrant #1 (oko)<br>Rosette #1 Outer Ring (…okain olkaiin ody)<br>Rosette #1-2 Bridge #2 (opotceos ody)<br><br>**Rosette #5**<br>Outer Ring (...keeody...ody...saldan…)<br>f69r Labeled Interior Bar #7 (doceeeo kody sar)<br>f68v3 Sides #3 (…ody…) in line with #4-5. | **Rosettes #2-3**<br>yko-initial nouns<br>f68v3 Sides #2 (…oko…)<br>Rosette #2 Outer Ring (…sarald...)<br>f67v2 Protrusion #2 (oeolales airar)<br>f67v2 Multi-Face Diagram #1 (otararain)<br>Interior Ring (...keeody...)<br><br>**odar model**<br>6 for Rosette #2 | f78r Tube Section #3 (daral ocfey)<br><br>f75r Pool #1 Nymph #6 (saldy)<br>f75v Pool #3 Nymph #3 (daldy dalcsed)<br>f75v Pool #3 Nymph #8 (daldy qoted) |

| | | | | |
|---|---|---|---|---|
| | | **Rosette #9**<br>Canister #2 (socsexor arar)<br>Center #19 (sody)<br><br>**Rosette #8** (okcedarar)<br>f68v3 Sides #1 (…keody…) | 5 for #6<br>3 for #4<br>2 for #9<br>1-3 for #8<br>1 apiece for #1, #3 | |
| **f89r2** | | | | |
| #10 (odory) | Line 1 #1-4 (doly, ofceor am, sal oiin cseol, ofceeor) | **Rosette #7**<br>Outer Ring (… oiin…)<br>Rosette #7-8 Bridge #1 (soiiin dy)<br>f69r Labeled Interior Bar #10 (soir al okody otedy)<br><br>**Rosette #6**<br>Compartment #5 (ofcedar)<br>f68r3 Star Quadrant #5 (pceody qokcey dcseol dcsey otgoldl) | | f84r Pool #17 Nymph #6 (doiir)<br>Shower f84v1 (… orog roiin…) |
| #11 (otoldy) | Line 2 #1-2 (otol cseol dy, ofcear oiin) | **Rosette #6**<br>Exterior Attachment (…oteoly)<br>Rosette #6 Compartment #5 (ofcedar)<br>f68r3 Star Quadrant #5 (pceody qokcey dcseol dcsey otgoldl)<br><br>**Rosette #4**<br>Compartment #5 (otol ar das l cedy)<br>f68v1 Exterior Stars #4 (otol cees otaly)<br>Outer Ring (…oiiin…)<br>f85r2 Quadrant 2 (…sois…) | **Rosette #7**<br>Outer Ring (… oiin…)<br>Rosette #7-8 Bridge #1 (soiiin dy)<br>f69r Labeled Interior Bar #10 (soir al okody otedy)<br><br>**Rosette #2**<br>Castle #4 On Bridge to #3 (otcedy otoldy)<br>f67v2 Diagram Exterior 1 (…oir…otoly…) | f84r Pool #17 Nymph #6 (doiir)<br>Shower f84v1 (… orog roiin…)<br><br>f75v Pool #3 Nymph #10 (olkcey otoly)<br>f77r Nymph #4 (otolaiino)<br>f77r Tube #4 (otol)<br>f77v Tube #1 (otol cseedy)<br>f77v Tube #2 (otolor)<br>f84r Pool #17 Nymph #11 (otoly) |
| #12 (korain y) | Line 3 #1-5 (sodar, ceey s, ceeody, ofor ain, okcsed ceos) | **Rosette #8** (okcedarar)<br>Exterior Label #1 (ofain ain)<br>Exterior Label #7 (dceos osasy)<br>Rosette #7-8 Bridge #2 (ofardy)<br>f67v2 Diagram Exterior 4 (okeol ceol ar okol dam koaiin ofal ol ofalaiin oar)<br>Jet Figure #4 (…kceedy…ceeos…tceeody)<br>f68r3 Star Quadrant #6 (kceoty oteey daiin dceeeody oteey) for #7-8<br>f85r2 Quadrant #4 (…qokcseedy…)<br><br>**Rosette #1**<br>Quadrant #5-7 (ofary, ofair, ofas)<br>#1-2 Bridge Interior (ofair ofalctey)<br>#1-2 Bridge #2 (opotceos ody)<br>f68v3 Sides #1 (…ceody.) for #8/#1<br>qokcedy (2x) in f68r3 Star Quadrant #1, #8 in line with #1/#2<br>Outer Ring (…okcedy…) | **Rosette #3**<br>Diagram Interior #1 (ofairy)<br>Diagram Interior #3 (okcedy kary oraiiin cey)<br>f68v3 Sides #2 (…ceeody…) for #2-3<br>okcedy (2x) in f68r3 Star Quadrant #3, f68v3 Sides #2 in line with #2/#3<br><br>**odar model**<br>6 for Rosette #2<br>5 for #6<br>3 for #4<br>2 for #9<br>1-3 for #8<br>1 apiece for #1, #3 | f83r Rainbow #1 (otcedy qokcedy cseedal dal ceeol lol cedal aiin sol daiin ceedy)<br>f83v Nymph #4 (okcedy)<br>f84v Pool #21 (okar ydaiirol y ceckey dcseedy okcedy solceey daiin oldy dar cey y csekey oceedy) |
| #13 (okain y orain) | Line 4 #1-4 (ofakal, otal sy, ytas am, otolarol) | **Rosette #8**<br>Outer Ring (…okaiin…)<br>Smokestack (orarol)<br>Exterior Label 1 (ofain ain)<br>Rosette #7-8 Bridge #2 (ofardy)<br>f67v2 Diagram Exterior 4 (okeol ceol ar okol dam koaiin ofal ol ofalaiin oar)<br>f57v dairol<br>f69r Labeled Interior Bar #14 (ceodcey ceotal)<br>f68v1 Exterior Stars #1 (sair arolsar) for #1/#8<br><br>**Rosette #1**<br>Quadrant #5-7 (ofary, ofair, ofas)<br>#1-2 Bridge Interior (ofair ofalctey)<br>Outer Ring (… okain olkaiin…) | **Rosette #4**<br>Outer Ring (...otalol otar…otal…)<br>Compartment #2 (…ofas…)<br>Compartment #5 (otol ar das l cedy)<br>f68v1 Exterior Stars #4 (otol cees otaly)<br><br>**Rosette #3**<br>Diagram Interior #1 (ofairy)<br>Diagram Interior #3 (okcedy kary oraiiin cey)<br>Outer Ring Sentence #1 (…otar…)<br><br>**Rosette #9 Outer Ring Sentence #**2 (…okaiiin daiiin ofair…)<br><br>**Rosette #2**<br>Castle #4 On Bridge to #3 (otcedy otoldy)<br>f57v Diagram Center #1 (oralaror)<br>f68v3 Inner Ring (…otair…)<br>f68v3 Diagram Center #3 (…darol…)<br>f67v2 Multi-Face Diagram #1 (otararain)<br>f69r #21 (ykeceody otar)<br>f86v3 Jet Figure #1 (…otair...ytar...otais)<br>f85r2 Quadrant #1 (…oraiin ceol ...cseoral)<br>f86v3 Jet Figure #1 (…otair…otais) | f78r Pool #5 (otas odl ary orory)<br><br>f83v Tube #1 (okaiin)<br><br>f75v Pool #3 Nymph #10 (olkcey otoly)<br>f77r Nymph #4 (otolaiino)<br>f77r Tube #4 (otol)<br>f77v Tube #1 (otol cseedy)<br>f77v Tube #2 (otolor)<br>f84r Pool #17 Nymph #11 (otoly)<br><br>f80r Queue Nymph #8 (otal cseedy)<br><br>f77r Tube #6 (soral)<br>f77v Nymph #4 (sororal)<br>f80r Queue Nymph #1 Last but Facing Rightward (oraly)<br><br>f83r Bottom Shower #2 (darolsy)<br>f75v Pool #3 Nymph #2 (dokal darol) |
| **f89v2** | | | | |
| #14 (ceocedy) | Line 1 #1-5 (okaiil, dar ceeos, ceokaro, cseeol, ceokam) | **Rosette #3**<br>Diagram Interior #2 (okalain)<br>Outer Ring Sentence #1 (…qokal okar okar…okar…)<br>Outer Ring Sentence #2 (…olceedy okal…)<br>f69r Labeled Interior Bar #1 (okeeo ctey okar ar)<br><br>**Rosette #4**<br>Outer Ring (okar ar okary…okalol…)<br>Rosette #4 Compartment #7 (…qokal)<br>Rosette #4 Compartment #1 (okar…)<br>Rosette #4-5 Bridge #1 (okar)<br>f57v Diagram Center #2 (okaly)<br>f67v2 Protrusion #3 (oar ykaly cear)<br>f68v3 Sides #3 (…okal…) | **Rosette #2**<br>Interior Ring (…ocedor al oekairy…ykary…)<br>Bottom Exterior Label (okar oedody)<br>f68r3 Star Quadrant #1 (toceedy ceocpey qokcedy dol okald)<br>f85r2 Quadrant #1 (...ockedor...)<br><br>**Rosette #8**<br>Exterior Label #5 (otoceedy sy)<br>Exterior Label #7 (dceos osasy)<br>f85r2 Hand-Raisers #4 (ol lceeol ceol ol cseeoly) | f84r Pool #17-18 Stream #1-2 (okaly)<br>f84v Pool #21 (okar…oceedy)<br>Shower f84v1 (…okaly)<br><br>f75v Pool #3 Nymph #2 (dokal darol)<br>f75v Pool #3 Nymph #4 (dallar qokal)<br>**f77v Nymph #1 (olair ykal)**<br>f77v Nymph #5 (okalo)<br>f78r Pool #6 (okaral)<br>f80r Queue Nymph #3 (okaly)<br>f80r Queue Nymph #9 (okar)<br>f80r Queue Nymph #10 (olair)<br>f82r Pool #15 Nymph #1-4 (okar, okal, okaldy, olairajy)<br>f82v Pool #16 Nymph #1 (olair) |

| | | | | |
|---|---|---|---|---|
| | | f85r2 Quadrant #2 (…qokar…)<br>f67v2 Diagram Exterior 2 (…ykaral…) | | f82v Nymph #4 (okal cey) |
| #15 (okory) | Line 2 #1-3 (otair ceody, dykaran, opceedey) | **Rosette #2**<br>Rosette #2 Bottom Exterior Label (okar oedody)<br>Rosette #2 Protrusion Bottom-Right (okor)<br>Rosette #2 Interior Ring (…oekairy…ykary…)<br>f68r3 Star Quadrant #2 Star #2 (okory)<br>f68v3 Inner Ring (okosy…ykor otair…)<br>f68v3 Sides #2 (…ceeody…) for #2-3<br>f67v2 Multi-Face Diagram #1 (otararain)<br>f67v2 Diagram Exterior #1 (…okor)<br>f69r #21 (ykeceody otar)<br>f85r2 Quadrant 1 (...opcedy...)<br>f86v3 Jet Figure #1 (…otair…ytar…otais)<br><br>**Rosette #6**<br>Outer Ring (…otar…)<br>Compartment #1 (opcedy)<br>Compartment #3 (okar am al)<br>f67v2 Protrusion #4 (okar alot olka*)<br>f69r #8 (dceokey csekceody al) for #6,<br>f68r3 Star Quadrant #5 (pceody…) for #5-6<br><br>**Rosette #4**<br>Outer Ring (okar ar okary…otar…)<br>Rosette #4 Compartment #1 (okar…)<br>Rosette #4-5 Bridge #1 (okar)<br>f85r2 Quadrant #2 (…qokar…)<br>f67v2 Diagram Exterior 2 (…ykaral…)<br>----------<br>f86v3 Jet Figure #2 (… opcedy…oceedy…)<br>Rosette #4 Compartment #8 (cseety opceedy ceeyky)<br>Rosette #4 Compartment #7 (opced opcedy qokal) | | f78r Pool #5 (otas odl ary orory)<br><br>f84v Pool #21 (okar…)<br><br>f77v Nymph #1 (okair ykal)<br>f78r Pool #6 (okaral)<br>f80r Queue Nymph #9 (okar)<br>f80r Queue Nymph #10 (okair)<br>f82r Pool #15 Nymph #1, #4 (okar, okairajy)<br>f82v Pool #16 Nymph #1 (okair) |
| #16 (opal oiiir y) | Line 3 #1-4 (otor am, cetcey, odg oky sad oy, dair okoy) | **Rosette #4**<br>Outer Ring (…oiiin…opal…)<br>Rosette #4 Compartment #4 (opam opceody opceey ê opar ceepceey oteedy olaiiin orcsey)<br>Rosette #4 Compartment #6 (oparod csecfedy tcsedy)<br>Rosette #4 Exterior Fish-Tail (opaldar)<br>Rosette #4 Exterior Sun (opar odam)<br>f67v2 Diagram Exterior #2 (okeey keoy osalal ykaral am oralady odam)<br>f68v2 Stars #4 (oteoys orasaly)<br>f85r2 Quadrant 2 (…sois…)<br>f86v3 Jet Figure #2 (…otor…)<br><br>**Rosette #2**<br>Interior Ring (…opal…yky…opal ly)<br>Outer Ring (… opair…)<br>f67v2 Diagram Exterior 1 (…oir…)<br>f85r2 Quadrant #1 (…qotor…)<br>f68v3 Diagram Center# 2 (opceol dg) | **Rosette #7**<br>Outer Ring (… oiin…)<br>Left Label #2, #6 (opaiiino, opair ain)<br>f69r Labeled Interior Bar #10 (soir al okody otedy)<br><br>**Rosette #8**<br>Exterior Label 6 (sceedoy olal)<br>Outer Ring (…qoeey…)<br>f68v3 Sides #1 (…qoeey…) for #8/#1<br>Rosette #7-8 Bridge #1 (soiiin dy)<br><br>**Rosette #9**<br>Outer Ring Sentence #1 (…oir…)<br>Rosette #9 Centers #2, #9, #12-13 (opar, ypal, dgl, dtedg) | f84r Pool #17 Nymph #6 (doiir)<br>Shower f84v1 (… orog roiin…)<br><br>f82r Pool #15 Nymph #6 (olkoky)<br>f82v Rainbow #2 (okeoky okedar)<br><br>f77r Tube #3 (otork) |
| **f89v1** | | | | |
| #17 (okor aldy) | Line 1 #1-3 (otockey, otceair, dar cseody) | **f68r3 Star Quadrants → Rosettes #2-8**<br>f68r3 Star Quadrant #1 (toceedy ceocpey qokcedy dol okald) for #1-2<br>f68r3 Star Quadrant #2 Stars #1-2 (okos, okory) for #2<br>f68r3 Star Quadrant #2 (dcey kcey daiir ceokockey dar) #3-4<br>f68r3 Star Quadrant #4 Star #2 (ceockey) for #4<br>f68r3 Star Quadrant #5 (pceody…) for #5-6<br>f68r3 Star Quadrant #6 (kceoty oteey daiin dceeeody oteey) for #7-8<br>f68r3 Star Quadrant #7 (dceey qokeey dceeey daiir otceal) for #8 | **Rosette #2**<br>f67v2 Diagram Exterior 1 (tol or oir om otoly san m daiin taedaiin or okor)<br>f68r3 Star Quadrant #2 Star #2 (okory)<br>f68v3 Inner Ring (okosy…ykor…)<br>Rosette #2 Protrusion Bottom-Right (okor)<br>f68v3 Sides #2 (…ceeody…) | f80r Queue Nymph #5 2 Arms Thrust Backwards (okory)<br>f83v Nymph #3 (okor cey)<br><br>f75r Pool #1 Nymph #6 (saldy)<br>f75v Pool #3 Nymph #3 (daldy dalcsed)<br>f75v Pool #3 Nymph #8 (daldy qoted) |
| #18 (koeeorair) | #4-6 (otos cseos, opol olaiin, opal daiin) | **Rosette #7**<br>Outer Ring (orar…otosaiiin…ol aiin…olaiiin)<br>Left Label #2, #6 (opaiiino, opair ain) | **Rosette #2**<br>Interior Ring (…opal…orar…opal ly)<br>Castle #3 Lighthouse-Like (opoor daly)<br>#1-2 Bridge #2 (opotceos ody)<br>f68v1 Exterior Stars #2 (oteeos araly)<br>f68v2 Stars #2 (otosey sary)<br>f68v3 Diagram Center #3 (… solaiin...)<br><br>**Rosette #4**<br>Compartment #4 (opam…opar…olaiiin…)<br>Compartment #6 (oparod csecfedy tcsedy)<br>Outer Ring (…opal…)<br>Exterior Fish-Tail (opaldar)<br>Exterior Sun (opar odam)<br>Volcano-Shaped Protrusion (orar m)<br>f85r2 Quadrant #2 (…oloeorain…)<br>f85r2 Quadrant #2 (…cseeos…) | f82r Pool #15 Nymph #10 (olaiiin)<br>f77r Nymph #4 (otolaiino)<br><br>f80r Queue Nymph #6 (opor) |

| | | | | |
|---|---|---|---|---|
| | | | **Rosette #6**<br>Outer Ring (…toor…or ar…opor…)6<br>f68r3 Star Quadrant #4 (…oteos…) #5-6<br>f85r2 Hand-Raisers #3 (orar oldar ain)<br><br>**Rosette #8**<br>Smokestack (orarol)<br>Exterior Label 7 (dceos osasy)<br>f85r2 Quadrant 4 (…olaiin…)<br>f86v3 Jet Figure #4 (…ceeos…) | |
| **f99r** | | | | |
| #19 (okar am og) | #1-12 (okary, darar, oky, daly, oroair, okor, salol, skeeal, okary, okolo, otalag, otaldy) | **Rosette #4**<br>okar cluster → okar, okary (2x) particularly Outer Ring<br>(okar ar okary…okalol…otalol …otal...oror)<br>Compartment #1 (okar...okol cseeey tolfceg …)<br>Compartment #5 (otol ar das l cedy)<br>Rosette #4-5 Bridge #1 (okar)<br>f68v1 Exterior Stars #4 (otol cees otaly)<br>f67v2 Diagram Exterior 2 (okeey…ykaral…)<br>f67v2 Protrusion #3 (oar ykaly cear)<br>f85r2 Quadrant #2 (...qokar...)<br>----------f80r/f82r augmentations<br>Rosette #3-4 Bridge #1 (opodcedal)<br>f67v2 Diagram Exterior 2 (...ykaral...oralady...)<br>f85r2 Quadrant 2 (pceedeey olkey …)<br>Compartment #4 (opam…opar …olaiiin…)<br><br>**Rosette #2**<br>f67v2 Diagram Exterior #1 (tol…okor)<br>f68r3 Star Quadrant #2 Star #2 (okory)<br>Rosette #2 Protrusion Bottom-Right (okor)<br>Rosette #2 Bottom Exterior Label (okar oedody)<br>Rosette #2 Interior Ring (o*oar…oekair…ykary…)<br>+ known okos variants<br>+ okol relative peaks<br>f68v3 Diagram Center #3 (doar…daly...ykeol...)<br>f69r#20 (...qokol daly)<br>Rosette #2 Castle #3 Lighthouse-Like (opoor daly)<br>----------f80r/f82r augmentations<br>Castle #3 Lighthouse-Like (opoor daly)<br>Rosette #1-2 Bridge #2 (opotceos ody)<br>f68v3 Diagram Center #3 (doar ykeol…daly solaiin…olekeey…ykeol…)<br>f57v Diagram Center #31 (oralaror)<br>f85r2 Quadrant #1 (…cseoral)<br>f68r3 Star Quadrant #2 Star #1 (okos)<br>f68v3 Inner Ring (okosy…okol…ol ykor…ykeeol)<br>Outer Ring (okos opair …okeo lodaiin…)<br>f68v3 Sides #2 (okeol…okos) | **Rosette #8** (okcedarar)<br>f67v2 Diagram Exterior 4 (okeol…okol dam koaiin...oar)<br>f68r3 Star Quadrant #8 Wand/Branch Head (doary)<br>Rosette #8 Outer Ring (…okos… okalol…oas …okor…)<br>f57v Hand-Raiser 4 (otar daly)<br>f69r Labeled Interior Bar #14 (ceodcey ceotal)<br><br>**f80r/f82r augmentations**<br>Rosette #1 Outer Ring (…okal okal…ykal…okair…okeo ldy opy…yky…oral…)<br>Rosette #3 Diagram Interior #2 (okalain)<br>Outer Ring Sentences #1 (…qokal okar okar …okar…) and #2 (…olceedy okal ykol…) | **f80r Q ueue Nymph #4 (ololo)**<br>**f80r Q ueue Nymph #5 (olory)**<br>**f80r Q ueue Nymph #8-10 (otal cseedy, okar, olair)**<br><br>**f82r Pool #15 Nymph #1 (okar)**<br>**f82r Pool #15 Nymph #4 (okairajy)**<br>**f82r Pool #15 Nymph #5 (sorosl)**<br>**f82r Pool #15 Nymph #6 (olloly)**<br>**f82r Pool #15 Nymph #8 (sololy)**<br>**f82r Tube #1 (orol daiin)**<br>----------<br>**f82v Pool #16 Nymph #1 (okair)**<br>**f82v Pool #16 Nymph #3 (olol)**<br>Shower f82v #1 (okoldy)<br>f82v Rainbow #2 (okeoky okedar)<br><br>-- possibly not connected, except via tubes?<br>f77v Nymph #1 (okair ykal)<br>f77v Nymph #3-5 (oroeedal, sororal)<br>f78r Tube Section #4 (dceedaly)<br>f78r Pool #5 (otas odl ary orory)<br>f78r Pool #6 (okaral)<br>----------<br>f84r Pool #17 Nymph #10 (okol csey)<br>f84v Pool #21 (okar…)<br>f83r Nymph #4 (cetorol)<br>f83r Contraption Label (…qokey…raly …ldalol… rkaiin…)<br>f83v Nymph #3 (okor cey)<br>f75r Pool #1 Nymph #2 (daly yceey)<br>Shower f84v1 (…roiin okeeey…) |
| #20 (opasal) | #13-19 (oaso, aloly, oarar, oeoky, oky, okeoly yteold, oeeotoey) | **Rosette #2**<br>okol relative peaks<br>Ouoter Ring (…opair…okeo ldy…)<br>Interior Ring (o*oar…)<br>f68v3 Diagram Center #3 (doar...ykeol...)<br>f69r#20 (...qokol daly)<br>f68v3 Inner Ring (…okol ceoekey okeoeeey…ykeeol)<br>f86v3 Jet Figure #1 (…qoeeey …)<br><br>**Rosette #4**<br>f57v Hand-Raiser 2 (oparair dly)<br>Compartment #4 (opam…opar….)<br>Compartment #6 (oparod…)<br>Exterior Sun (opar odam)<br>Compartment #1 (...okol …)<br>Compartment #5 (otol ar das l cedy)<br>f68v1 Exterior Stars #4 (otol cees otaly)<br>f67v2 Protrusion #3 (oar ykaly cear)<br>f67v2 Diagram Exterior #2 (okeey keoy…)<br>f68v2 Stars #4 (oteoys…) | **Rosette #8**<br>f67v2 Diagram Exterior 4 (okeol…okol dam koaiin...oar)<br>f68r3 Star Quadrant #8 Wand/Branch Head (doary)<br>Outer Ring (…qoeey…oas …)<br>Exterior Label 6 (sceedoy olal)<br>f68v3 Sides #1 (…qoeey…) | f80r Queue Nymph #4 (ololo)<br>f82r Pool #15 Nymph #8 (sololy)<br>f82v Pool #16 Nymph #3 (olol)<br>Shower f82v #1 (okoldy)<br>f84r Pool #17 Nymph #10 (okol csey)<br><br>f75v Pool #3 Nymph #10 (olkcey otoly)<br>f77r Nymph #4 (otolaiino)<br>f77r Tube #4 (otol)<br>f77v Tube #1 (otol cseedy)<br>f77v Tube #2 (otolor)<br>f84r Pool #17 Nymph #11 (otoly)<br><br>-------- unlikely oekey variants<br>f82r Pool #15 Nymph #6 (olloky)<br>Shower f84v1 (…okeeey…)<br>f83r Contraption Label (… qokey…)<br>f82r Pool #15 Nymph #6 (olloky)<br>f82v Rainbow #2 (okeoky okedar) |
| #21 (toseoldy) | #20-26 (okos, oekey, dar, oeockeey, sceey et saiiiny, sary, dag) | **Rosette #2**<br>Outer Ring (okos…)<br>f68v3 Sides #2 (…okos)<br>f68r3 Star Quadrant #2 Star #1 (okos)<br>f68v3 Inner Ring (okosy…ceoekey…ykor…)<br>f57v Hand-Raiser 1 (otodarag) for #2<br>Rosette #2 Castle #4 On Bridge to #3 (otcedy otoldy)<br>----------<br>f67v2 Diagram Exterior #1 (tol…okor)<br>f68r3 Star Quadrant #2 Star #2 (okory)<br>Rosette #2 Protrusion Bottom-Right (okor) | **Rosette #9**<br>Center #11, #15 (rcsey, ofdag)<br>Outer Ring Sentence #2 (okos…okar…okas…)<br><br>**Rosette #4**<br>f68r3 Star Quadrant #4 Star #2 (ceockey)<br>f68r3 Star Quadrant #2 (dcey kcey daiir ceokockey dar)<br><br>**Rosette #8**<br>Outer Ring (…okos…okor…) | Shower f82v #1 (okoldy)<br>f84v Pool #21 (okar…oldy dar…)<br>----------<br>f75v Pool #3 Nymph #7 (dary dal)<br>f78r Pool #5 (otas odl ary orory)<br>f83v Nymph #2 (ololary)<br>----------<br>f75r Pool #1 Nymph #5 (saiino)<br>f75r Pool #1 Nymph #7 (dainy)<br>f82v Rainbow #1 (daiiin oty)<br>-------- unlikely oekey variants |

| | | | | |
|---|---|---|---|---|
| | | **Rosette #1**<br>Quadrant #2 (daiiny)<br>Quadrant #10 (okory)<br>f69r Labeled Interior Bar #17 (ykeeos al dair dar) | | Shower f84v1 (…okeeey…)<br>f83r Contraption Label (… qokey…)<br>f82r Pool #15 Nymph #6 (olkoky)<br>f82v Rainbow #2 (okeoky okedar) |
| #22 (yteoldy) | #27 Black Bryony #2 (tols asy) | **Rosette #4**<br>Compartment<br>#1 (okar…tolfceg...)<br>Compartment #2 (tol…tol…)<br>Compartment #5 (otol ar das l cedy)<br>f68v1 Exterior Stars #4 (otol cees otaly) | **Rosette #2**<br>Castle #4 On Bridge to #3 (otcedy otoldy)<br>f67v2 Diagram Exterior #1 (tol…otoly...okor) | **f75r Pool #1 Nymph #3 (sols)**<br>f83r Bottom Shower #2 (darolsy)<br>f83r Nymph #5 (olsaiin)<br><br>f75v Pool #3 Nymph #10 (olkcey otoly)<br>f77r Nymph #4 (otolaiino)<br>f77r Tube #4 (otol)<br>f77v Tube #1 (otol cseedy)<br>f77v Tube #2 (otolor)<br>f84r Pool #17 Nymph #11 (otoly)<br><br>Shower f82v #1 (okoldy)<br>f84v Pool #21 (okar…oldy dar…)<br><br>f75v Pool #3 Nymph #7 (dary dal)<br>f78r Pool #5 (otas odl ary orory)<br>f83v Nymph #2 (ololary) |
| **f99v** | | | | |
| #23 (okaragy) | #1 Lupinus Albus? #2-8 (otoldy, otor cey, oldy, das asy, otaly, olsy, arol, otoky) | **Rosette #4**<br>Outer Ring (okar ar okary… otalol…otal …)<br>okar, otol in Compartments #1 and #5<br>okar in #4-5 Bridge #1<br>f68v1 Exterior Stars #4 (otol cees otaly)<br>and f68v3 Stars #2 (…cseoekeary…) in line with #3-4<br>f67v2 Diagram Exterior #2 (ykaral)<br>qokar in f85r2 Quadrant #2 | **Rosette #2**<br>Interior Ring (…oekairy…ykary…)<br>okar in Bottom Exterior Label<br>otoly in f67v2 Diagram Exterior #1<br>f68v3 Diagram Center #3 (darol...)<br>qotor in f85r2 Quadrant #1 | f82r Pool #15 Nymph #1 (okar)<br>f82r Pool #15 Nymph #4 (okairajy)<br><br>f80r Queue Nymph #8-10 (otal cseedy, okar, okair)<br><br>f77v Nymph #1 (okair ykal)<br>f82v Pool #16 Nymph #1 (okair)<br>f78r Pool #6 (okaral)<br><br>f84v Pool #21 (okar ydaiirol y ceckey dcseedy okcedy solceey daiin oldy dar cey y cselkey oceedy)<br>----------<br>f77r Tube #3 (otork)<br>f82v Rainbow #2 (okeoky okedar)<br>f84v Pool #21 (...ydaiirol...)<br>f75v Pool #3 Nymph #2 (dokal darol)<br>-------- otoldy only<br>f77v Tube #1 (otol cseedy)<br>f77v Tube #2 (otolor)<br>f77r Nymph #4 (otolaiino)<br>f77r Tube #4 (otol)<br>f84r Pool #17 Nymph #11 (otoly)<br>f75v Pool #3 Nymph #10 (olkcey otoly)<br>------ olsy only<br>f75r Pool #1 Nymph #3 (sols)<br>f83r Bottom Shower #2 (darolsy)<br>f83r Nymph #5 (olsaiin)<br>------ old<br>f83r Bottom Shower #1 (sasoldal)<br>f84v Pool #21 (okar ydaiirol y ceckey dcseedy okcedy solceey daiin oldy dar cey y cselkey oceedy) |
| #24 (okoldody) | #9 Lupinus Albus? #10-14 (oeees ary, daiiino, dary, saiiino, otolsar, osary) | **Rosette #2**<br>Protrusion Top (osal)<br>Bottom Exterior Label (okar oedody)<br>otoly in f67v2 Diagram Exterior #1<br>Castle #4 On Bridge to #3 otoldy<br>okol in f68v3 Inner Ring<br>qokol in f69r #20 and f68r3 Star Quadrant #3<br>f68r3 Star Quadrant #8 (toees…qokol…)<br>ycseesos in f68v2 Star Divider #2<br>sosees in f85r2 Hand-Raisers #1<br>orar in Interior Ring?<br><br>**Rosette #1**<br>Quadrant #2 (daiiny)<br>f68r3 Star Quadrant #8<br>(toees…qokol…)<br>f68v1 Exterior Stars #1 arolsar<br>os, otol in Outer Ring<br><br>**Rosette #8**<br>okol in f67v2 Diagram Exterior #4<br>Exterior Label #7 (…osasy)<br>tosain in Outer Ring<br>f85r2 Quadrant #4 (…dody…los ar… qoseey…) | | f75r Pool #1 Nymph #5 (saiino)<br>f75r Pool #1 Nymph #7 (dainy)<br>f82v Rainbow #1 (daiiin oty)<br>----------<br>f75v Pool #3 Nymph #7 (dary dal)<br>f77r Tube #1 (olkoes)<br>------ old<br>f83r Bottom Shower #1 (sasoldal)<br>f84v Pool #21 (okar ydaiirol y ceckey dcseedy okcedy solceey daiin oldy dar cey y cselkey oceedy)<br>---------- otolsar only<br>f77v Tube #1 (otol cseedy)<br>f77v Tube #2 (otolor)<br>f77r Nymph #4 (otolaiino)<br>f77r Tube #4 (otol)<br>f84r Pool #17 Nymph #11 (otoly)<br>f75v Pool #3 Nymph #10 (olkcey otoly)<br>f75r Pool #1 Nymph #3 (sols)<br>f83r Bottom Shower #2 (darolsy)<br>f83r Nymph #5 (olsaiin)<br>----------okoldody<br>f80r Queue Nymph #4 (okolo)<br>f82r Pool #15 Nymph #8 (sokoly)<br>f82v Pool #16 Nymph #3 (okol)<br>Shower f82v #1 (okoldy)<br>f84r Pool #17 Nymph #10 (okol csey) |

| | | | | |
|---|---|---|---|---|
| #25 (darol aly) | #15-19 (okecey otal, ceor olekor, okeodor, olky, doldam) | **Rosette #2**<br>Bottom Exterior Label (okar oedody)<br>f68v3 Diagram Center #1 (otodol)<br>f68v3 Diagram Center #3 (darol...)<br>**olekeey in f68v3 Diagram Center #3**<br>olkeeoly in f68v3 Inner Ring<br>olkor in f85r2 Quadrant #1 | **Rosette #8**<br>olkeeodaiin in Outer Ring<br>Smokestack (orarol)<br>f57 dairol<br>f68v1 Exterior Stars #1 arolsar<br>ceotal in f69r #14<br><br>f99v #15 (okecey otal) → Rosette #4 Outer Ring (…otalol…otal…)<br>&Compartment #1 (…ykeecey…) | f75v Pool #3 Nymph #2 (dokal darol)<br>f83r Bottom Shower #2 (darolsy)<br>f84v Pool #21 (...ydaiirol...)<br>------ old<br>f83r Bottom Shower #1 (sasoldal)<br>f84v Pool #21 (okar ydaiirol y ceckey dcseedy okcedy solceey daiin oldy dar cey y cselkey oceedy)<br>---------- otal variants<br>f80r Queue Nymph #8 (otal cseedy)<br>---------- olky, olekor<br>f77r Tube #1 (olkoes)<br>f80r Queue Nymph #7 Red Towel (olky)<br>f82r Pool #15 Nymph #6 (olkoky)<br>f82v Pool #16 Nymph #2 (olkol)<br>f83r Contraption Label (solkeey…) |
| #26 (oralar) | #20 Bladderwort (koleearol) | **Rosettes #8**<br>koaiin in f67v2 Diagram Exterior #4<br>f68v1 Exterior Stars #1 (sair arolsar)<br>Smokestack (orarol)<br>f57v dairol | **Rosette #2**<br>f57v Diagram Center #1 (oralaror)<br>f68v3 Diagram Center #3 (…darol…) | f75v Pool #3 Nymph #2 (dokal darol)<br>f83r Bottom Shower #2 (darolsy)<br>f84v Pool #21 (…ydaiirol…)<br>----------<br>f77r Tube #6 (soral)<br>f77v Nymph #4 (sororal)<br>f80r Queue Nymph #1(oraly)<br>f83v Nymph #2 (ololary) |
| **f100r** | | | | |
| #27 (ceos ar ocseol) | #1-11 (soceor cfey, otear, ceofary, sarcear, daiiin dy, oraro, ceal sain, soity, sosam, dakocke, dofam) | **Rosette #1**<br>Quadrant #5-7 (ofary, ofair, ofas)<br>#1-2 Bridge Interior<br>(ofair ofalctey)<br>#1 Quadrant #2<br>(daiiny)<br>oceeol in f68v3 Sides #1<br><br>**Rosette #8**<br>#7-8 Bridges #1-2 (soiiin, ofardy)<br>Exterior Labels #1, #3, #7 (ofain, ydekam, dceos osasy)<br>f67v2 Diagram Exterior #4 (...ofal ol ofalaiin...)<br>Outer Ring (…tosain…otar…om…oqotam…)<br>Smokestack (orarol)<br>f85r2 Hand-Raiser #4 (otar daly)<br>f67v2 Diagram Center #1 (soaiin)<br>otceal in f68r3 Star Quadrant #7<br>oceeol in f68v3 Sides #1<br>qotam in f69r #15 | **Rosette #7**<br>Outer Ring (orar otar…oty daiiin …otosaiiin…oiin…)<br>otceal in f68r3 Star Quadrant #7 | f75r Pool #1 Nymph #5 (saiino)<br>f75r Pool #1 Nymph #7 (dainy)<br>f75v Pool #3 Nymph #6 (oty lcey)<br>f82v Rainbow #1 (daiiin oty) |
| #28 (cseockeey) | #12-15, #16 Mugwort Variety? (okeeosorol, ol ceom, okols, oteol) | **Rosette #2**<br>f67v2 (….otoly…)<br>#2 Castle #4 On Bridge to #3 (otcedy otoldy)<br>Outer Ring (okos…)<br>f68v3 Inner Ring (okosy…)<br>f68v1 Exterior Stars #2 (oteeos…)<br>qokol in f68r3 Star Quadrants #3 & #8<br>okol in f68v3 Inner Ring<br>qokol in f69r #20<br>f68v3 Diagram Center #3 (...ykeol...)<br>f68v3 Inner Ring (…okol …orol… ykeeol)<br>okeol in f68v3 Sides #2 | **Rosette #4**<br>Compartment #5 (otol…)<br>ockey, okol and ceockey in f68r3 Star Quadrants # 2, #4 and Quadrant #4 Star #2<br>okol in Compartment #1 & f68v3 Stars #2<br>oror in Outer Ring<br><br>**Rosette #3**<br>ockey & qokol in f68r3 Star Quadrant #2-3<br>okeol in f68v3 Sides #2<br>okol in f68v3 Stars #2<br>ykol in Outer Ring Sentence #2 | f82r Pool #15 Nymph #5 (sorosl)<br>f82r Pool #15 Nymph #11 (okeeos)<br>f83r Nymph #4 (cetorol)<br>f82r Tube #1 (orol)<br>----------<br>f78r Pool #5 (orory)<br>f77r Nymph #4 (otolaiino)<br>f77v Nymph #4 (sororal)<br>f77r Tube #4 (otol)<br>f77v Tube #1 (otol cseedy)<br>f77v Tube #2 (otolor)<br>---------- all for okols<br>f75r Pool #1 Nymph #3 (sols)<br>f80r Queue Nymph #4 (okolo)<br>f82r Pool #15 Nymph #8 (sokoly)<br>f82v Pool #16 Nymph #3 (okol)<br>f83r Bottom Shower #2 (darolsy)<br>f83r Nymph #5 (olsaiin)<br>f84r Pool #17 Nymph #10 (okol)<br>Shower f82v #1 (okoldy) |
| **f100v** | | | | |
| #29 (unlabeled) | #1-4, #5 Viper's Tongue, #7 Resembles a Philodendron, #9 Broccoli? #10-11, #12-13 Pine? (tolcedceols, opoeor, solsy, soleeesos, ykceocedy, ykcedy, dcedy, dalsy, okceeor, ytceol, dykceal, ceos ctearal) | **Rosettes #1-3**<br><br>Rosette #1<br>f68v1 Exterior Stars #1 (sair arolsar)<br>qokcedy (2x), toceedy & toees in f68r3 Star Quadrants #1, #8<br>araly in f68v1 Exterior Stars #2<br>Outer Ring (…os…os…opy…)<br>#1-2 Bridge #2 (opotceos…)<br><br>Rosette #2<br>Outer Ring (…sarald …okcedy dcedy…)<br>Castle #3 Lighthouse-Like (opoor …)<br>qokcedy (2x), toceedy & toees in f68r3 Star Quadrants #1, #8 + okcedy in f68r3 Star Quadrant #3<br>araly, okecedaral in f68v1 Exterior Stars #2-3 | **Rosette #6**<br>Outer Ring (…ceedaiiin ockceedy cseedy…opor olceedy..)<br>solair and solal in f67v2 Diagram Exterior #3<br>f85r2 Quadrant #3 (...sorain or cseedy tedy sodaiiin…ceeds…ceedy …)<br>#6-7 Bridge Interior West (osy) | f77r Tube #5 (dcedy)<br>f75r Pool #1 Nymph #3 (sols),<br>f80r Queue Nymph #6 (opor)<br>----------<br>f83r Nymph #5 (olsaiin)<br>f83r Bottom Shower #2 (darolsy)<br>f83r Rainbow #1 (…qokcedy…ceedy)<br>f83v Nymph #4 (okcedy)<br>f84r Pool #17 Nymph #12 (dcseedy)<br>f84v Pool #21 (…dcseedy okcedy solceey…oceedy) |

| | | | | |
|---|---|---|---|---|
| | | soctes, ycseesos in f68v2 Star Divider #2-3<br>f68v3 Diagram Center #2-3 (opceol, solaiin)<br>okcedy in f68v3 Sides #2<br>okceol in f69r #20<br>sosees in f85r2 Hand-Raisers #1<br><br><u>Rosette #3</u><br>okcedy in f68r3 Star Quadrant #2, f68v3 Sides #2 and Diagram Interior #3<br>okecedaral in f68v1 Exterior Stars #3<br>soctes, ycseesos in<br>f68v2 Star Divider #2-3<br>cseal in Outer Ring Sentence #1 | | |
| **f101r1-2** | | | | |
| #30-32 (unlabeled) | f101r1 #1-29 (unlabeled) | | | |
| **f101v2-v1** | | | | |
| #33 (unlabeled) | f101v2 #1-4 (rair aly, otaldy, otal, yta*y), f101v1 #1-5 (dokor, orar, otarar, otoly, soraly) | **<u>Rosette #2</u>**<br>otoldy in Castle #4 On Bridge to #3<br>Protrusion Bottom-Right (okor)<br>orar in Interior Ring<br>f57v Diagram Center #1 (oralaror)<br>f67v2 Multi-Face Diagram #1 (otararain)<br>f68r3 Star Quadrant #2 Star #2( okory)<br>okor & otoly in f67v2 Diagram Exterior 1 okor<br>otair & ykor in f68v3 Inner Ring<br>f69r #21 otar<br>cseoral in f85r2 Quadrant #1 | Rosette #6 and possibly #4 secondary | f83v Nymph #3 (okor cey)<br>f84r Pool #17 Nymph #11 (otoly)<br>f75v Pool #3 Nymph #10 (olkcey otoly)<br>f80r Queue Nymph #1 (oraly)<br>f80r Queue Nymph #5 (okory)<br>f80r Queue Nymph #8 (otal cseedy)<br>----------<br>f77r Nymph #4 (otolaiino)<br>f77r Tube #4 (otol)<br>f77r Tube #6 (soral)<br>f77v Tube #1 (otol cseedy)<br>f77v Tube #2 (ototor)<br>f77v Nymph #4 (sororal) |
| #34 (unlabeled) | f101v2 #5-7 (okol, aroj, oras am), f101v2 #8 (unlabeled), f101v1 #6-10 (dytoly, olkor, dolary, odor, olaran) | **<u>Rosette #2</u>**<br>orar in Interior Ring<br>olar in Outer Ring<br>f68v3 Diagram Center #1 (otodol)<br>okol in f68v3 Inner Ring<br>----------<br>otoldy in Castle #4 On Bridge to #3<br>otoly in f67v2 Diagram Exterior #1<br>f67v2 Protrusion #2 (oeolales)<br>qokol in f68r3 Star Quadrant #3, #8, f69r #20<br>orol and olkeeoly in f68v3 Inner Ring<br>oleey in f68v3 Sides #2<br>f85r2 Quadrant 1 cseoral<br>**f85r2 Quadrant 1 olkor** | Rosette #6 possibly secondary | f77v Tube #1 (otol cseedy)<br>f77v Tube #2 (ototor)<br>f77r Nymph #4 (otolaiino)<br>f77r Tube #4 (otol)<br>--------<br>f84r Pool #17 Nymph #11 (otoly)<br>f75v Pool #3 Nymph #10 (olkcey otoly)<br>f83v Nymph #2 (ololary)<br><br>f77r Tube #1 (olkoes)<br>f82r Pool #15 Nymph #6 (olkoky)<br>f82v Pool #16 Nymph #2 (olkol)<br><br>f80r Queue Nymph #4 (okolo)<br>f82r Pool #15 Nymph #8 (sokoly)<br>f82v Pool #16 Nymph #3 (okol)<br>Shower f82v #1 (okoldy)<br>f84r Pool #17 Nymph #10 (okol csey) |
| #35 (unlabeled) | f101v2 #9-13, f101v1 #11-15 (unlabeled) | | | |
| **f102r1** | | | | |
| #36 (dolrod) | #1 Capparis Spinosa? (otodeeodor) | **Rosettes #6 and #2 corners**<br><br>**<u>#6</u>**<br>otody & otodar in Compartment #6 & #8 Label #3<br>Exterior Labels #1, #3-4 (ofodydy, otodey, otodedy)<br>otody & otodar in Outer Ring<br><br>**<u>#2</u>**<br>oedody in Bottom Exterior Label<br>ykodar & ytodaro in Interior Ring<br>okodain, ykodar, ykody & otod in Outer Ring<br>okody in Top Exterior Label<br>f57v Hand-Raiser #1( otodarag)<br>f68v3 Diagram Center #1 (otodol) | Rosette #9 Canister #1 (otdodar oegy) | see Canister #36 f102r1 (dolrod) only ol[rs]od relative to f102v2 #13 (olsodar) – ols odar? |
| #37 (okolaly) | #2 Water Hemlock Dropwort (or Parsnips) (unlabeled) | **<u>Rosette #2</u>**<br>f67v2 Protrusion #2 (oeolales)<br>qokol in f68r3 Star Quadrant #3, #8 & f69r #20<br>okol in f68v3 Inner Ring<br>f68v3 Diagram Center #3 (doar ykeol…daly …)<br>f68v3 Sides #2 (okeol...) | **<u>Rosette #3</u>**<br>ykol in Outer Ring Sentence #2<br>qokol in f68r3 Star Quadrant #3<br>okol in f68v3 Stars #2<br><br>**<u>Rosette #4</u>**<br>okol in Compartment #1, f68v3 Stars #2, f68r3 Star Quadrant #4 Star #1 | f80r Queue Nymph #4 (okolo)<br>f82r Pool #15 Nymph #8 (sokoly<br>)<br>f82v Pool #16 Nymph #3 (okol)<br>Shower f82v #1 (okoldy)<br>f84r Pool #17 Nymph #10 (okol csey)<br>f84r Pool #17 Nymph #1 (ololal) |
| #38 (doaro cse) | #3 European Aspen, #4 Variety of Nightshade (leledy doto) | **<u>Rosette #8</u>**<br>Outer Ring (oto…oas…)<br>f68r3 Star Quadrant #8 Wand/Branch Head (doary)<br>f68r3 Star Quadrant #8 Wand/Branch (oal)<br>f67v2 Diagram Center #1( soaiin)<br>oar & koaiin in f67v2 Diagram Exterior #4 | **<u>Rosette #2</u>**<br>f68v3 Diagram Center #3 (doar…)<br>oko in f68v3 Sides #2<br>Interior Ring (o*oar…ytodaro…)<br>Outer Ring (…oal…oaiin…) | f75v Pool #3 Nymph #6 (oty lcey)<br>f82v Rainbow #1 (daiiin oty) |

| | | | | |
|---|---|---|---|---|
| **f102r2** | | | | |
| #39 (*odaiig) | #1 Lungwort, #2 Tormentil (unlabeled) | **Rosette #9**<br>Center #12-13 and #15 (dgl, dtedg, ofdag) | **Rosettes #6 → 4 Progression** - based on the letter g instances for Canister #41<br>Rosette #4 Exterior Sun (opar odam) | |
| #40 (*****d) | f102r2 #3-7 (unlabeled) | | | |
| #41 (do* toldy y*e***al r***la**g*) | #8 Agrimony, #9 (koldarod, odalyda*y) | **Rosette #9**<br>Center #5 (odal)<br>Center #8 (old)<br>Center #12-13 and #15 (dgl, dtedg, ofdag)<br>Center #16 (ddaro)<br>Sentence #2 (…odal…)<br>Outer Ring Sentence #2 (…odal…) | **Rosette #6**<br>otegar in Outer Ring<br>otegy in Upper-Right Attachment<br>oldar in f85r2 Hand-Raisers #3<br>arody in f85r2 Quadrant #3<br>dkeeeg in f68v3 Sides #4<br><br>**Rosettes #5-6**<br>otgoldl, dg in f68r3 Star Quadrants #5-6<br>alag in f68v2 Star Divider #5<br>okeeg in f68v3 Stars #3<br><br>**Rosette #5**<br>otcegaiiin in Outer Ring<br>#4-5 Bridge #2 g<br><br>**Rosette #4**<br>oparod and tolfceg in Compartment #1 & 6 | f83r Bottom Shower #1 (sasoldal)<br>f84v Pool #21 (oldy)<br>Shower f84v (orog)<br>ceeg in Poisoned Nymph |
| **f102v2** | | | | |
| #42 Top, Bottom (porcseols, doaijy) | #1-3, #4 Blue Vitriol (Copper Sulfate), #5-10, #11 Pine? #12-14 (orar, cseor, dacey, okeos, otol, otosy, okad, otody, oeeor, okoroeey, opcey, darol, olsodar, tod) | **Rosettes #8 and #2 definitely, maybe also #1**<br><br>**Rosette #2**<br>Protrusion Bottom-Left (opcey)<br>Protrusion Bottom-Right (okor)<br>Protrusion Top (osal)<br>Interior Ring (o*oar….odas…ytodaro…orar odar…ykodar…)<br>Outer Ring (okos… otod ykodar cees okodain ol ykody…todar…odair or oal…oaiin …)<br>Top Exterior Label (okody)<br>f57v Diagram Center #1 (oralaror)<br>f57v Hand-Raiser #1 (otodarag)<br>f67v2 Diagram Exterior #1 (...otoly…okor)<br>f67v2 Protrusion #2 (oeolales)<br>f68r3 Star Quadrant #2 Stars #1-2 (okos, okory)<br>oteeos in f68v1 Exterior Stars #2<br>otosey in f68v2 Stars #2<br>f68v3 Diagram Center #1 (otodol)<br>f68v3 Diagram Center #3 (doar…darol…)<br>f68v3 Inner Ring (okosy…okeoeeey ol ykor…orol …)<br>okos in f68v3 Sides#2<br>otoldy in Castle #4 On Bridge to #3<br><br>**Rosette #8**<br>Outer Ring (…tosain odar…otad…otdar…okos …cseol…qoeey…otodr oas…okor…)<br>Exterior Label #2, #6-8 (yoe**ais, sceedoy olal, dceos osasy, sair ojam)<br>f67v2 Diagram Center #1 (soaiin)<br>f67v2 Diagram Exterior #4 (…ceol…koaiin…oar)<br>doary, oal, ceeol, dceol in f68r3 Star Quadrant #8<br>arolsar in f68v1 Exterior Stars #1<br>odair in f68v2 Star Divider #6<br>ypcey in f68v2 Stars #8<br>qoeey in f68v3 Sides #1<br>okceyd in f68v3 Stars #4<br>f85r2 Quadrant #4 (…**los** ar cseedy qolcseey **qoseey** or aiin **od**)<br>ceol, lceeol in f85r2 Hand-Raisers #4 | Definitely not Rosette #9 or #3 or #4-7<br><br>**Rosette #1**<br>Outer Ring (…od sar os…okod okod…otol…)<br>Quadrant #7, #10 (ofas, okory)<br>f68v1 Exterior Stars #1-2 (arolsar, oteeos)<br>qoeey in f68v3 Sides #1<br>okeodar, ykeeos in f69r #16-17 | f75r Pool #1 Nymph #3 (sols)<br>f75v Pool #3 Nymph #2 (darol)<br>f75v Pool #3 Nymph #10 (otoly)<br>f77r Nymph #4 (otolaiino)<br>f77r Tube #4 (otol),<br>f77v Tube #2 (otolor)<br>f80r Queue Nymph #5 (okory)<br>f82r Pool #15 Nymph #4 (okairajy)<br>f82r Pool #15 Nymph #11 (okeeos)<br>f83v Nymph #3 (okor)<br>f83r Nymph #5 (olsaiin)<br>f83r Bottom Shower #2 (darolsy)<br>f84v Pool #21 (ydaiirol)<br>f84r Pool #17 Nymph #11 (otoly) |
| #43 (okolky) | #15-19 (osair, acky, okeeoraiiin, okockey, o**) | **Rosettes #2-4**<br>#2<br>Protrusion Top (osal)<br>Protrusion Bottom-Right (okor)<br>ockey in f68r3 Star Quadrant #2<br>qokol in f68r3 Star Quadrants #3 & #8<br>f68v3 Inner Ring (…okol …orol… ykeeol)<br>okeol in f68v3 Sides #2<br>qokol in f69r #20<br>okeol in f68v3 Sides #2<br>ykor in f68v3 Inner Ring<br>okory in f68r3 Star Quadrant #2 Star #2<br>oraiin in f85r2 Quadrant #1<br>additional e-infixed okol variants in f68v3<br><br>#3<br>oraiiin in Diagram Interior #3<br>ykol in Outer Ring Sentence #2<br>qokol in f68r3 Star Quadrant #3<br>okol in f68v3 Stars #2<br><br>#4 | Definitely not Rosette #9 | f82r Pool #15 Nymph #5 (sorosl)<br>f77r Tube #1 (olkoes)<br>f75v Pool #3 Nymph #10 (olkcey)<br>f83v Nymph #3 (okor)<br>f80r Queue Nymph #4 (okolo)<br>f80r Queue Nymph #7 (olky)<br>f80r Queue Nymph #5 (okory)<br>f82r Pool #15 Nymph #6 (olkoky)<br>f82r Pool #15 Nymph #8 (sokoly)<br>f82v Nymph #5 (olkeedy)<br>f82v Pool #16 Nymph #2 (olkol)<br>f82v Pool #16 Nymph #3 (okol)<br>Shower f82v #1 (okoldy)<br>f83r Contraption Labe1 (sollkeey)<br>f84r Pool #17 Nymph #10 (okol) |

| | | | | |
|---|---|---|---|---|
| | | okol in Compartment #1<br>osalal in f67v2 Diagram Exterior 2<br>ockey in f68r3 Star Quadrant #2<br>ceockey in f68r3 Star Quadrant #4 Star #2<br>okol in f68r3 Star Quadrant #4 Star #1<br>okol in f68v3 Stars #2 | | |
| **f102v1** | | | | |
| #44 (keoraiin) | #1, #2 "Syringes"<br>Ipomoea Indica? #3-5<br>(ykeody, okeody, daisaly, ypory, opceytoy) | **Rosette #9**<br>Center #1 (daral)<br>Outer Ring Sentence #2 (…okeody…)<br>Center #2-3, #6, #9-10, #14 (opar, opceees, opy, ypal, opydcse, opy) | **Rosette #4**<br>#3-4 Bridge #1 (opodcedal)<br>keoy in f67v2 Diagram Exterior #2<br>qokeody in f68v3 Sides #3<br>oloeorain in f85r2 Quadrant #2<br><br>**Rosette #2**<br>#1-2 Bridge #2 (opotceos)<br>Castle #3 Lighthouse-Like (opoor)<br>okeody in f68v3 Stars #1<br>oraiin in f85r2 Quadrant #1<br><br>**Rosette #8**<br>qoeey in Outer Ring & f68v3 Sides #1<br>Exterior Label 6 (sceedoy)<br>orain and qokeody in f85r2 Quadrant #4<br><br>**Rosette #6**<br>opor in Outer Ring<br>yteody in f68v2 Star Divider #4<br>sorain in f85r2 Quadrant #3 | f80r Queue Nymph #6 (opor)<br>f75v Pool #3 Nymph #1 (okcsey saral)<br>f78r Tube Section #3 (daral ocfey)<br>--------- less likely<br>f75v Pool #3 Nymph #5 (ory)<br>f78r Pool #5 (orory)<br>f80r Queue Nymph #5 2 Arms Thrust Backwards (okory) |
| #45 (***o**) | #6, #7 Valerian<br>Composite, #8 (ypceoldy, losalody, opcedard) | **Rosette #9**<br>Center #8 (old)<br>Center #19 (sody)<br>Center #2-3, #6, #9-10, #14 (opar, opceees, opy, ypal, opydcse, opy)<br>Rosette #9 Outer Ring Sentence #2 (okos os…) | **Rosette #2**<br>Bottom Exterior Label (…oedody)<br>keeody in Interior Ring<br>cedas in Outer Ring<br>ceedar in Protrusion Exterior<br>Protrusion Top (osal)<br>#2-3 Bridge Label #2 (opcseedaiin)<br>#1-2 Bridge #2 ody<br>f68v3 Diagram Center #2 (opceol dg)<br>f68v3 Sides #2 eeody<br>f68v1 Exterior Stars #3 (okecedaral)<br><br>**Rosette #8**<br>#7-8 Bridge #2 (ofardy)<br>#8 Label (okcedarar)<br>Exterior Label 7 (osasy)<br>tosain, cedar in Outer Ring<br>keody in f68v3 Sides #1<br>los, dody in f85r2 Quadrant #4<br><br>**Rosette #6**<br>#5-6 Bridge Interior (opcedain)<br>opcedar in Outer Ring<br>ofcedar, xoltody & opcedam in Compartment #5 and #8 Label #6-7<br><br>**Rosette #4**<br>osalal in f67v2 Diagram Exterior #2<br>opceody in Compartment #4<br>ody in f68v3 Sides #3 | f84r Pool #17 Nymph #3 (ydy) |

Table 30.2: Zodiac Date Label Mappings to Pharmacological Phytomorphs and Canisters

| Canister | Ingredients | Best Patterns | Other Matches | Poor Matches |
|---|---|---|---|---|
| **f88r** | | | | |
| #1 (otor ceety) | Line 1 #1-5 (osal, orald, oldar, ototy, otaly) | | yto/oto/yty/oty<br>Leo Interior #11 (otoly yty)<br>Cancer Outer #6 (oteey daiiin)<br>Pisces Outer #2 (oty ar)<br>Pisces Outer #19 (oty)<br>**Aries Light Outer #7 (oteotey sary)**<br>Libra Outer #16 (oeeoty)<br>Scorpio Outer #14 (otey)<br><br>osa<br>Pisces Interior #5 (oteosal)<br><br>otal variants<br>Pisces Outer #5 (otald)<br>Pisces Outer #6 (otal dar)<br>**Pisces Outer #10 (otaly)**<br>Pisces Outer #11 (otal arar)<br>Pisces Outer #12 (otal dy) | no otor variants<br><br>orald<br>Gemini Outer #11 (orary)<br>Cancer Intermediate #8 (orary)<br><br>other osa<br>Taurus Dark Outer #7 (otalef ys ain am)<br>Gemini Interior #5 (ceosar)<br>Cancer Outer #2 (os ar cseeeen)<br>Cancer Interior #2 (os ais al)<br><br>old<br>Cancer Outer #8 (ofcseoldy)<br>Virgo Outer #13 (okeoldy)<br>Virgo Outer #16 (ceeoldy)<br><br>only et polygraph |

| | | | | |
|---|---|---|---|---|
| | | | Pisces Outer #16 (otalalg)<br>**Aries Dark Outer #4 (otaly)**<br>Aries Dark Outer #10 (otal cey tar am dy)<br>Aries Dark Interior #3 (oteoeey otal okeal ar)<br>Aries Light Outer #4 (otaleky)<br>Aries Light Outer #5 (otal dar)<br>Aries Light Outer #8 (otal aly)<br>Aries Light Interior #5 (otal dar)<br>Taurus Light Interior #1 (otalody)<br>Taurus Light Interior #2 (otalaiin)<br>Taurus Dark Outer #3 (ytal csedy)<br>Taurus Dark Outer #7 (otalef ys ain am)<br>Gemini Interior #3 (otal csey)<br>Gemini Interior #9 (otal)<br>**Leo Interior #10 (otaly)**<br>Libra Outer #11 (ytaly)<br>Scorpio Top #1 (otaly)<br>**Scorpio Outer #15 (otaly)** | Cancer Interior #6 (oletal)<br><br><u>Sensory Hierarchy (quite distant from ceety)</u><br>Taurus Light Outer #10 (cefaly)<br>Scorpio Outer #7 (cseekal<br>Scorpio Interior #5 (ceefy)<br>Scorpio Interior #7 (cseek) |
| #2 (otaldy) | Line 2 #1-5 (orag, dary, okol, sorory, otydy) | **Pisces Outer #2 (oty ar)**<br>**Pisces Outer #5 (otald)**<br>**Pisces Outer #12 (otal dy)**<br>**Pisces Outer #19 (oty)** | <u>okol</u><br>Pisces Interior #8 (ykolaiin)<br>**Aries Dark Outer #7 (okol csey)**<br>Aries Dark Interior #5 (okoly)<br>Taurus Light Outer #1 (okolar)<br>Leo Outer #5 (okoly)<br>**Sagittarius Top #1 (okol)**<br><br><u>other yto/oto/ytyoty</u><br>Leo Interior #11 (otoly yty)<br>Cancer Outer #6 (oteey daiiin)<br>Aries Light Outer #7 (oteotey sary)<br>Libra Outer #16 (oeeoty)<br>Scorpio Outer #14 (otey)<br><br><u>other otal variants</u><br>Pisces Outer #6 (otal dar)<br>Pisces Outer #10 (otaly)<br>Pisces Outer #11 (otal arar)<br>Pisces Outer #16 (otalalg)<br>Aries Dark Outer #4 (otaly)<br>Aries Dark Outer #10 (otal cey tar am dy)<br>Aries Dark Interior #3 (oteoeey otal okeal ar)<br>Aries Light Outer #4 (otaleky)<br>Aries Light Outer #5 (otal dar)<br>Aries Light Outer #8 (otal aly)<br>Aries Light Interior #5 (otal dar)<br>Taurus Light Interior #1 (otalody)<br>Taurus Light Interior #2 (otalaiin)<br>Taurus Dark Outer #3 (ytal csedy)<br>Taurus Dark Outer #7 (otalef ys ain am)<br>Gemini Interior #3 (otal csey)<br>Gemini Interior #9 (otal)<br>Leo Interior #10 (otaly)<br>Libra Outer #11 (ytaly)<br>Scorpio Top #1 (otaly)<br>Scorpio Outer #15 (otaly) | <u>ora</u><br>Gemini Outer #11 (orary)<br>Cancer Intermediate #8 (orary)<br><br>Taurus Light Outer #9 (cear orom) the closest thig to sorory<br><br><u>oke$^{1-4}$ol</u><br>Pisces Outer #13 (okeoly)<br>Gemini Top #5 (okeolar)<br>Leo Outer #12 (okeeol)<br>Leo Outer #15 (okeolo)<br>Virgo Outer #13 (okeoldy)<br>Virgo Interior #1 oekeol)<br>Libra Outer #3 (okeeoly)<br>Libra Outer #19 (okeoly)<br>Libra Interior #8 (okeol)<br>Sagittarius Outer #14 (qokeoly)<br><br><u>ary</u><br>Taurus Dark Outer #1 (oaiin ar ary)<br>Aries Light Outer #7 (oteotey sary)<br>Taurus Dark Interior #3 (okeey ary)<br>Gemini Outer #4 (okeey ary) |
| #3 (ofyskydal) | Line 3 #1, #2 Lupine? (otosag, ofaldo) | Cancer Interior #1 (yfary)<br>Cancer Interior #2 (os ais al) | <u>odal</u><br>Aries Dark Outer #6 (oteeodals)<br>Libra Outer #4 (odal)<br><br><u>other off[ao]</u><br>Taurus Dark Interior #5 (ofaralar)<br>Leo Outer #7 (ofal als)<br><br><u>other osa</u><br>Pisces Interior #5 (oteosal)<br>Taurus Dark Outer #7 (otalef ys ain am)<br>Gemini Interior #5 (ceosar)<br>Cancer Outer #2 (os ar cseeeen) | <u>o[tk]e1-4os</u><br>Pisces Interior #5 (oteosal)<br>Aries Light Outer #9 (oteos arar)<br>Scorpio Outer #6 (oteeosy)<br>Scorpio Outer #13 (okeos)<br>Scorpio Interior #10 (okeos)<br>Sagittarius Outer #12 (okeos) |
| **f88v** | | | | |
| #4 (okolyd) | Line 1 #1-4 (ceeoctey, cpeeor, otar arody, otokol) | Aries Dark Interior #4 (otear araydy)<br>**Aries Dark Interior #5 (okoly)** | <u>okol</u><br>Pisces Interior #8 (ykolaiin)<br>Aries Dark Outer #7 (okol csey)<br><br>Taurus Light Outer #1 (okolar)<br>**Leo Outer #5 (okoly)**<br>Sagittarius Top #1 (okol)<br><br><u>other otar variants</u><br>Pisces Interior #1 (otalar)<br>Pisces Interior #2 (otalam) | Libra Outer #17 (octey)<br><br><u>oke$^{1-4}$ol</u><br>Pisces Outer #13 (okeoly)<br>Gemini Top #5 (okeolar)<br>Leo Outer #12 (okeeol)<br>Leo Outer #15 (okeolo)<br>Virgo Outer #13 (okeoldy)<br>Virgo Interior #1 oekeol)<br>Libra Outer #3 (okeeoly)<br>Libra Outer #19 (okeoly) |

| | | | | |
|---|---|---|---|---|
| | | | Pisces Outer #18 (otar)<br>Pisces Interior #10 (otaral)<br>Taurus Light Interior #3 (otar csear)<br>Taurus Dark Outer #5 (otaraldy)<br>Gemini Outer #5 (oteeary)<br>Gemini Outer #6 (otair dy)<br>Gemini Outer #9 (otarar)<br>Gemini Outer #15 (otar al dy)<br>Cancer Intermediate #1 (y tairal) | Libra Interior #8 (okeol)<br>Sagittarius Outer #14 (qokeoly)<br><br>no cpeeor, arody relatives |
| #5 (otor am) | Line 2 #1-3 (otory, ceeos dy, okaiiin) | Virgo Interior #7 (ceeosy)<br>Virgo Interior #12 (okaiiiny) | other okai0-4n<br>Cancer Outer #9 (opoeey okaiiin)<br><br>other ceos variants<br>Gemini Interior #5 (ceosar) | no otor variants |
| #6 (daram dal) | Line 3 #1-3 (otydary, otdory, darar g am) | y to/oto/y ty/oty<br>Pisces Outer #2 (oty ar)<br>Pisces Outer #11 (otal arar) → darar<br>Pisces Outer #16 (otalalg) → g<br>Pisces Outer #19 (oty)<br>**Aries Light Outer #7 (oteotey sary) → oty, dary**<br>Aries Light Outer #9 (oteos arar) → darar | Leo Interior #5 (odair an)<br>Virgo Outer #8 (oteodar)<br><br>ary<br>Taurus Dark Outer #1 (oaiin ar ary)<br>Taurus Dark Interior #3 (okeey ary)<br>Gemini Outer #4 (okeey ary)<br><br>Other g<br>Leo Outer #16 (ogeom)<br>Libra Interior #4 (okogy)<br>Sagittarius Interior #1 (ceeg) | closest relative of otdory<br>Scorpio Outer #9 (okedal)<br><br>no relatives of daram<br><br>other y to/oto/y ty/oty<br>Leo Interior #11 (otoly y ty)<br>Cancer Outer #6 (oteey daiiin)<br>Aries Light Outer #7 (oteotey sary)<br>Libra Outer #16 (oeeoty)<br>Scorpio Outer #14 (otey) |
| **f89r1** | | | | |
| #7 (okcecsey) | Line 1 #1-4 (qkol, oldag, otoldy, arar ceodaiin) | Aries Dark Outer #8 (otcsecsedy)<br>Aries Dark Outer #9 (otol y pcsearal) | other ote0-4ol<br>Aries Dark Interior #1 (otolaiin)<br>Aries Light Outer #2 (oteolar)<br>Aries Light Interior #1 (otol cedy)<br>Aries Light Interior #2 (otol oar am)<br>Aries Light Interior #3 (oteeol)<br>Aries Light Interior #4 (otolced)<br>Gemini Outer #14 (otolam)<br>Leo Outer #6 (otoly)<br>Leo Interior #11 (otoly y ty)<br>Libra Outer #18 (oteoly)<br><br>arar<br>Pisces Outer #11 (otal arar)<br>**Aries Light Outer #9 (oteos arar)** | -- no a[mg] relatives are relevant, no qkol variants<br><br>old<br>Cancer Outer #8 (ofcseoldy)<br>Virgo Outer #13 (okeoldy)<br>Virgo Outer #16 (ceeoldy)<br><br>Cancer Outer #7 (oeeeodaiin)<br><br>closest okcecsey relatives<br>Sagittarius Outer #2 (cecsey)<br>Libra Outer #1 (ocfcsey) |
| #8 (y kyd) | Line 2 #1-3 (ceol cees, otorain, okaiin dan) | Sagittarius Outer #10 (oraiiny)<br>Sagittarius Outer #16 (cseeol)<br>Sagittarius Interior #1 (ceeg)<br>---------- +<br>Sagittarius Interior #2 (oky)<br>Sagittarius Interior #5 (y key)<br>Sagittarius Interior #8 (y key)<br>-------- vs.<br>Sagittarius Outer #5 (y keody)<br>Sagittarius Outer #6 (okeody)<br>Sagittarius Outer #11 (y keeody)<br>Sagittarius Outer #15 (okeody)<br>Sagittarius Interior #7 (okeod)<br><br>orai$^{0-4}$n + okai$^{0-4}$n<br>Cancer Outer #1 (oraiin am)<br>Cancer Outer #9 (opoeey okaiiin)<br>----------<br>Virgo Interior #10 (oraiin)<br>Virgo Interior #12 (okaiiiny) | cse1-4ol<br>Taurus Light Interior #4 (cseol csedy)<br>Leo Interior #12 (cseoleey)<br><br>Unusual daiin variants<br>Aries Dark Outer #2 (otokaim an)<br>Taurus Light Outer #7 (opalar am dan)<br>Taurus Dark Outer #7 (otalef y s ain am)<br>Taurus Dark Outer #10 (cedaiir sain y)<br>Cancer Outer #3 (oto *aiin)<br>Cancer Outer #6 (oteey daiiin)<br>Cancer Intermediate #2 (oeees aiin)<br>Leo Interior #5 (odair an)<br>Leo Interior #7 (oees aiin)<br>Leo Outer #9 (daiiin cecpy)<br>Libra Outer #5 (aiin od)<br><br>oke$^{0-4}$y<br>Pisces Outer #1 (oky ody)<br>Pisces Outer #14 (oky dy)<br>Taurus Dark Interior #3 (okeey ary)<br>Gemini Outer #4 (okeey ary)<br>**Gemini Outer #13 (okyd)**<br>Leo Outer #1 (okey)<br>Leo Outer #3 (okyeecsey)<br>Leo Interior #1 (oky)<br>Libra Interior #1 (okeey)<br>Libra Interior #10 (okydy)<br>Scorpio Outer #3 (okeey)<br>Scorpio Interior #4 (oky) | Aries Dark Interior #4 (otear aray dy)<br><br>-- no otor variants |
| #9 (y ko cfey) | Line 3 #1-3 (saldam, sydarary, ydcpody) | Virgo-Sagittarius [y o][tk]e$^{1-3}$ody cluster → y dcpody<br>including Virgo Outer #10-12 (oteeod y teody, okeody), Scorpio Interior #2 (okeeody) near oky, Sagittarius Interior #7 (okeod) near the oky variants in #2, #5, #8<br><br>oke$^{0-4}$y<br>Pisces Outer #1 (oky ody)<br>Pisces Outer #14 (oky dy) | odar<br>Leo Interior #5 (odair an)<br>Virgo Outer #8 (oteodar)<br><br>ald<br>Taurus Dark Outer #5 (otaraldy)<br>Aries Light Outer #1 (oteoaldy) | Aries Light Outer #10 (okldam)<br><br>stand-alone ody → y dcpody option<br>Pisces Outer #1 (oky ody)<br>Libra Interior #7 (oeeody) |

| | | | | |
|---|---|---|---|---|
| | | Taurus Dark Interior #3 (okeey ary)<br>Gemini Outer #4 (okeey ary)<br>Gemini Outer #13 (okyd)<br>Leo Outer #1 (okey)<br>Leo Outer #3 (okyeecsey)<br>Leo Interior #1 (oky)<br>Libra Interior #1 (okeey)<br>Libra Interior #10 (okydy)<br>Scorpio Outer #3 (okeey)<br>Scorpio Interior #4 (oky)<br>Sagittarius Interior #2 (oky)<br>Sagittarius Interior #5 (ykey)<br>Sagittarius Interior #8 (ykey) | ary<br>Taurus Dark Outer #1 (oaiin ar ary)<br>Aries Light Outer #7 (oteotey sary)<br>Taurus Dark Interior #3 (okeey ary)<br>Gemini Outer #4 (okeey ary) | Leo Outer #8 (cseeeod ocfeey) → cfey unlikely<br>Leo Outer #9 (daiiin cecpy)<br>Taurus Light Outer #3 (al cpey) |
| **f89r2** | | | | |
| #10 (odory) | Line 1 #1-4 (doly, ofceor am, sal oiin cseol, ofceeor) | Cancer Outer #4 (opoiiin oin al aes)<br>Cancer Outer #5 (ypaiiin aloly)<br>Cancer Outer #8 (ofcseoldy)<br>Cancer Intermediate #6 (ykairaiin oiral) | other ofc<br>Gemini Top #1 (ofcedady)<br>Leo Outer #2 (otceeody)<br>Virgo Outer #9 (ofcedy sd)<br>Virgo Interior #8 (ofceeey)<br>Libra Outer #1 (ocfcsey)<br>Sagittarius Outer #9 (ofceeesy)<br><br>other oi<br>Libra Interior #2 (oiiny)<br><br>cse1-4ol<br>Taurus Light Interior #4 (cseol csedy)<br>Sagittarius Outer #16 (cseeol)<br>Leo Interior #12 (cseoleey) – also to doly | Taurus Dark Outer #9 (ocseodody) – only odo |
| #11 (otoldy) | Line 2 #1-2 (otol cseol dy, ofcear oiin) | [yo][fp] + c \| cs + $e^{1-4}$a<br>Aries Dark Outer #9 (otol ypcsearal)<br><br>Cancer Outer #4 (opoiiin oin al aes)<br>Cancer Outer #8 (ofcseoldy)<br>Cancer Intermediate #6 (ykairaiin oiral)<br><br>Leo Interior #11 (otoly yty)<br>Leo Interior #12 (cseoleey) | cse1-4ol<br>Taurus Light Interior #4 (cseol csedy)<br>Sagittarius Outer #16 (cseeol)<br><br>ote0-4ol<br>Aries Dark Outer #9 (otol ypcsearal)<br>Aries Dark Interior #1 (otolaiin)<br>Aries Light Outer #2 (oteolar)<br>Aries Light Interior #1 (otol cedy)<br>Aries Light Interior #2 (otol oar am)<br>Aries Light Interior #3 (oteeol)<br>Aries Light Interior #4 (otolced)<br>Gemini Outer #14 (otolam)<br>Leo Outer #6 (otoly)<br>Libra Outer #18 (oteoly)<br><br>other ofc<br>Gemini Top #1 (ofcedady)<br>Leo Outer #2 (otceeody)<br>Virgo Outer #9 (ofcedy sd)<br>Virgo Interior #8 (ofceeey)<br>Libra Outer #1 (ocfcsey)<br>Sagittarius Outer #9 (ofceeesy)<br><br>other oi<br>Libra Interior #2 (oiiny) | other cea<br>Aries Dark Outer #9 (otol ypcsearal)<br>Aries Light Outer #6 (ceeary)<br>Taurus Dark Outer #4 (cear alef)<br>Taurus Dark Outer #8 (oceol cear am)<br>Taurus Light Outer #9 (cear orom)<br>Gemini Interior #8 (okar ceam)<br>Gemini Outer #7 (okair ceam)<br>Leo Outer #10 (oteey dceal)<br><br>old<br>Cancer Outer #8 (ofcseoldy)<br>Virgo Outer #13 (okeoldy)<br>Virgo Outer #16 (ceeoldy) |
| #12 (korain y) | Line 3 #1-5 (sodar, ceey s, ceeody, ofor ain, okcsed ceos) | orain<br>Cancer Outer #1 (oraiin am)<br>Cancer Interior #1 (yfary)<br><br>Virgo Interior #7 (ceeosy)<br>Virgo Interior #10 (oraiin) | odar<br>Leo Interior #5 (odair an)<br>Virgo Outer #8 (oteodar)<br><br>other ceos variants<br>Gemini Interior #5 (ceosar)<br><br>ceody variants<br>Leo Outer #8 (cseeeod ocfeey)<br>Sagittarius Top #4 (ceeody)<br><br>other orain<br>Sagittarius Outer #10 (oraiiny)<br><br>other fa (no ofo)<br>Taurus Dark Interior #5 (ofaralar)<br>Leo Outer #7 (ofal als) | no okcsed variants<br><br>ceey variants<br>Scorpio Outer #11 (dal cseey)<br>Aries Dark Outer #7 (okol csey)<br>Aries Dark Outer #10 (otal cey tar am dy)<br>Gemini Interior #3 (otal csey) |
| #13 (okain y orain) | Line 4 #1-4 (ofakal, otal sy, ytas am, otolarol) | $orai^{0-4}$n + $okai^{0-4}$n<br>Cancer Outer #1 (oraiin am)<br>Cancer Outer #9 (opoeey okaiiin)<br>Cancer Outer #12 (olalsy) closest to sy<br>Cancer Interior #1 (yfary)<br>----------<br>Virgo Interior #10 (oraiin) | orain<br>Sagittarius Outer #10 (oraiiny)<br><br>other ote0-4ol<br>Libra Outer #18 (oteoly)<br><br>otar variants | no arol relatives |

| | | | | |
|---|---|---|---|---|
| | | Virgo Interior #12 (okaiiiny)<br><br>Leo Outer #6-7 (otoly, ofal als)<br>Leo Interior #10-11 (otaly, otoly yty)<br><br>Aries Light Interior #1-5 (otol cedy, otol oar am, oteeol, otolced, otalr dar)<br>Aries Light Outer #2, #4-5, #8 (oteolar, otaleky, **otal** dar, **otal** aly)<br>Aries Dark Interior #1, #3-4 ( otolaiin, oteoeey **otal** okeal ar, otear araydy))<br>Aries Dark Outer #4, #9-10 (otaly, otol ypcsearal, **otal** cey tar am dy)<br>Taurus Light Interior #1-3 (otar csear, otalody, otalaiin)<br>Taurus Dark Outer #3, #5, #7 (ytal csedy, otaraldy, otalef ys ain am)<br>Gemini Outer #14-15 (otolam, otar al dy) | Pisces Interior #1 (otalar)<br>Pisces Interior #2 (otalam)<br>Pisces Outer #18 (otar)<br>Pisces Interior #10 (otaral)<br>Gemini Outer #5 (oteeary)<br>Gemini Outer #6 (otair dy)<br>Gemini Outer #9 (otarar)<br>Cancer Intermediate #1 (ytairal)<br><br><u>otal variants</u><br>Pisces Outer #5 (otald)<br>Pisces Outer #6 (**otal** dar)<br>Pisces Outer #10 (otaly)<br>Pisces Outer #11 (**otal** arar)<br>Pisces Outer #12 (**otal** dy)<br>Pisces Outer #16 (**otal**alg)<br>Gemini Interior #3 (**otal** csey)<br>Gemini Interior #9 (**otal**)<br>Libra Outer #11 (ytaly)<br>Scorpio Top #1 (otaly)<br>Scorpio Outer #15 (otaly)<br><br><u>of[ao]</u><br>Taurus Dark Interior #5 (ofaralar) | |
| **f89v2** | | | | |
| #14 (ceocedy) | Line 1 #1-5 (okaiil, dar ceeos, ceokaro, cseeol, ceokam) | Gemini Interior #4 (okaldy)<br>Gemini Interior #5 (ceosar)<br>Gemini Interior #8 (okar ceam)<br><br><u>okal variants</u><br>Pisces Outer #3 (okaly)<br>Pisces Interior #7 (okal dal)<br>Aries Dark Outer #3 (okalal)<br>Taurus Dark Outer #2 (okalam)<br>Gemini Outer #1 (okal)<br>Gemini Outer #2 (okaly)<br>Gemini Outer #3 (okal)<br>Gemini Outer #8 (okeal)<br>Gemini Outer #10 (okaly)<br>Gemini Outer #16 (okalar)<br>Cancer Outer #10 (ykal air ol)<br>Cancer Intermediate #7 (okalar)<br>Leo Outer #13 (okaly)<br>Leo Outer #14 (okaldy)<br>Libra Outer #10 (okal)<br>Libra Interior #6 (okalair)<br>Sagittarius Interior #4 (okal)<br><br><u>okar variants</u><br>Pisces Interior #4 (okaram)<br>Pisces Interior #9 (okar am)<br>Taurus Light Outer #5 (okaraiin)<br>Taurus Light Outer #6 (okar ar aly)<br>Gemini Top #3 (okar am)<br>Gemini Top #4 (okairy)<br>Gemini Outer #7 (okair ceam)<br>Cancer Intermediate #6 (ykairaiin oiral)<br>Leo Interior #6 (okary)<br>Scorpio Interior #1 (okary)<br>Sagittarius Outer #13 (ykeear) | <u>cse1-4ol</u><br>Taurus Light Interior #4 (cseol csedy)<br>Sagittarius Outer #16 (cseeol)<br>Leo Interior #12 (cseoleey)<br><br><u>ceos variants</u><br>Virgo Interior #7 (ceeosy)<br><br><u>closest Color/Symptom to ceocedy</u><br>Taurus Dark Outer #9 (ocseodody)<br>Leo Outer #8 (cseeeod ocfeey)<br><br><u>closest to ceokam</u><br>Aries Dark Outer #2 (otokaim an)<br>Gemini Interior #2 (okam)<br>Leo Outer #18(okam) | |
| #15 (okory) | Line 2 #1-3 (otair ceody, dykaran, opceedey) | Gemini Top #1 (ofcedady)<br>Gemini Top #3 (okar am)<br>Gemini Top #4 (okairy)<br>Gemini Outer #5 (oteeary)<br>Gemini Outer #6 (otair dy)<br>Gemini Outer #7 (okair ceam)<br>Gemini Outer #9 (otarar)<br>Gemini Outer #15 (otar al dy) | <u>other otar variants</u><br>Pisces Interior #1 (otalar)<br>Pisces Interior #2 (otalam)<br>Pisces Outer #18 (otar)<br>Pisces Interior #10 (otaral)<br>Aries Dark Interior #4 (otear araydy)<br>Taurus Light Interior #3 (otar csear)<br>Taurus Dark Outer #5 (otaraldy)<br>Cancer Intermediate #1 (ytairal)<br><br><u>other okar variants</u><br>Pisces Interior #4 (okaram)<br>Pisces Interior #9 (okar am)<br>Taurus Light Outer #5 (okaraiin)<br>Taurus Light Outer #6 (okar ar aly)<br>Gemini Interior #8 (okar ceam)<br>Cancer Intermediate #6 (ykairaiin oiral)<br>Leo Interior #6 (okary)<br>Scorpio Interior #1 (okary)<br>Sagittarius Outer #13 (ykeear) | <u>closest remaining opceedey relatives</u><br>Aries Dark Outer #1 (opceey sal)<br>Virgo Outer #9 (ofcedy sd) |

| | | | | |
|---|---|---|---|---|
| | | | ceody variants<br>Leo Outer #8 (cseeeod ocfeey)<br>Sagittarius Top #4 (ceeody)<br><br>oke$^{0-4}$or<br>Virgo Outer # (okeory)<br>Virgo Outer #14 (ykeeor)<br>Scorpio Outer #5(ykeeory)<br>Sagittarius Outer #3 (ykeor) | |
| #16 (opal oiiir y) | Line 3 #1-4 (otor am, cetcey, odg oky sad oy, dair okoy) | Taurus Light Outer #7 (opalar am dan)<br>Taurus Light Outer #8 (opalor ar)<br><br>Sagittarius Interior #8 (ykey)<br>Sagittarius Interior #9 (ypal)<br><br>Cancer Outer #4 (opoiiin oin al aes)<br>Cancer Outer #5 (ypaiiin aloly)<br>Cancer Outer #9 (opoeey okaiiin)<br><br>Libra Interior #1 (okeey)<br>Libra Interior #2 (oiiny)<br>Libra Interior #3 (oeey)<br><br>Leo Interior #1 (oky)<br>Leo Interior #2 (cectcey) | other oi<br>Cancer Intermediate #6 (ykairaiin oiral)<br><br>Other [yo]p[ao]<br>Cancer Interior #7 (opalal)<br>Leo Interior #9 (opal)<br>Sagittarius Outer #4 (opals)<br><br>o[tkle$^{0-4}$y<br>Pisces Outer #1 (oky ody)<br>Pisces Outer #14 (oky dy)<br>Taurus Dark Interior #3 (okeey ary)<br>Gemini Outer #4 (okeey ary)<br>Gemini Outer #13 (okyd)<br>Leo Outer #1 (okey)<br>Leo Outer #3 (okyeecsey)<br>Libra Interior #10 (okydy)<br>Scorpio Outer #3 (okeey)<br>Scorpio Interior #4 (oky)<br>Sagittarius Interior #2 (oky)<br>Sagittarius Interior #5 (ykey)<br><br>other oe0-4y<br>Aries Dark Interior #3 (oteoeey otal okeal ar)<br>Virgo Outer #6 (ceeoloy) | closest relatives of sad (both unlikely)<br>Pisces Outer #17 (okady)<br>Libra Outer #6 (odady)<br><br>no otor variants<br><br>Libra Outer #5 (aiin od)<br><br>g<br>Pisces Outer #16 (otalalg)<br>Leo Outer #16 (ogeom)<br>Libra Interior #4 (okogy)<br>Sagittarius Interior #1 (ceeg)<br><br>closest relatives of cetcey<br>Pisces Outer #9 (ceckcey)<br>Taurus Light Outer #3 (al cpey)<br>Leo Outer #9 (daiiin cecpy) |
| **f89v1** | | | | |
| #17 (okor aldy) | Line 1 #1-3 (otockey, otceair, dar cseody) | | Scorpio Top #2 (ceockey)<br><br>cea<br>Aries Dark Outer #9 (otol ypcsearal)<br><br>oke$^{0-4}$or<br>Virgo Outer # (okeory)<br>Virgo Outer #14 (ykeeor)<br>Scorpio Outer #5(ykeeory)<br>Sagittarius Outer #3 (ykeor)<br><br>ceody variants<br>Leo Outer #8 (cseeeod ocfeey)<br>Sagittarius Top #4 (ceeody)<br><br>closest things to relevant ald polygraphs<br>Taurus Dark Outer #5 (otaraldy)<br>Aries Light Outer #1 (oteoaldy) | other cea<br>Aries Light Outer #6 (ceeary)<br>Taurus Dark Outer #4 (cear alef)<br>Taurus Dark Outer #8 (oceol cear am)<br>Taurus Light Outer #9 (cear orom)<br>Gemini Interior #8 (okar ceam)<br>Gemini Outer #7 (okair ceam)<br>Leo Outer #10 (oteey dceal) |
| #18 (koeeorair) | #4-6 (otos cseos, opol olaiin, opal daiin) | Cancer Intermediate #8 (orary)<br>Cancer Intermediate #9 (olaiin olackey) | o[tkle$^{1-4}$os<br>Pisces Interior #5 (oteosal)<br>Aries Light Outer #9 (oteos arar)<br>Scorpio Outer #6 (oteeosy)<br>Scorpio Outer #13 (okeos)<br>Scorpio Interior #10 (okeos)<br>Sagittarius Outer #12 (okeos)<br><br>olai$^{0-4}$n<br>Pisces Interior #8 (ykolaiin)<br>Aries Dark Interior #1 (otolaiin)<br><br>other ora<br>Gemini Outer #11 (orary)<br><br>ceos variants<br>Virgo Interior #7 (ceeosy)<br>Gemini Interior #5 (ceosar)<br><br>other [yo]p[ao]<br>Taurus Light Outer #7 (opalar am dan)<br>Taurus Light Outer #8 (opalor ar)<br>Cancer Interior #7 (opalal)<br>Leo Interior #9 (opal)<br>Cancer Outer #4 (opoiiin oin al aes) | |

| | | | | |
|---|---|---|---|---|
| | | | Cancer Outer #5 (ypaiiin aloly)<br>Cancer Outer #9 (opoeey okaiiin)<br>Sagittarius Outer #4 (opals)<br>Sagittarius Interior #9 (ypal) | |
| **f99r** | | | | |
| #19 (okar am og) | #1-12 (okary, darar, oky, daly, oroair, okor, salol, skeeal, okary, okolo, otalag, otaldy) | Pisces Outer #1 (oky ody)<br>Pisces Outer #5 (otald)<br>Pisces Outer #6 (otal dar)<br>Pisces Outer #10 (otaly)<br>Pisces Outer #11 (otal arar)<br>Pisces Outer #12 (otal dy)<br>Pisces Outer #14 (oky dy)<br>Pisces Outer #16 (otalalg)<br><br><u>okar variants</u><br>Pisces Interior #4 (okaram)<br>Pisces Interior #9 (okar am)<br>Taurus Light Outer #5 (okaraiin)<br>Taurus Light Outer #6 (okar ar aly)<br>**Gemini Top #3 (okar am)**<br>Gemini Top #4 (okairy) | <u>other otal variants</u><br>Aries Dark Outer #4 (otaly)<br>Aries Dark Outer #10 (otal cey tar am dy)<br>Aries Dark Interior #3 (oteoeey otal okeal ar)<br>Aries Light Outer #4 (otaleky)<br>Aries Light Outer #5 (otal dar)<br>Aries Light Outer #8 (otal aly)<br>Aries Light Interior #5 (otal dar)<br>Taurus Light Interior #1 (otalody)<br>Taurus Light Interior #2 (otalaiin)<br>Taurus Dark Outer #3 (ytal csedy)<br>Taurus Dark Outer #7 (otalef ys ain am)<br>Gemini Interior #3 (otal csey)<br>Gemini Interior #9 (otal)<br>Leo Interior #10 (otaly)<br>Libra Outer #11 (ytaly)<br>Scorpio Top #1 (otaly)<br>Scorpio Outer #15 (otaly)<br><br><u>other okar variants</u><br>Gemini Outer #7 (okair ceam)<br>Gemini Interior #8 (okar ceam)<br>Cancer Intermediate #6 (ykairaiin oiral)<br>**Leo Interior #6 (okary)**<br>**Scorpio Interior #1 (okary)**<br>Sagittarius Outer #13 (ykeear)<br><br><u>o[tk]e$^{0-4}$y</u><br>Taurus Dark Interior #3 (okeey ary)<br>Gemini Outer #4 (okeey ary)<br>Gemini Outer #13 (okyd)<br>Leo Outer #1 (okey)<br>Leo Outer #3 (okyeecsey)<br>Leo Interior #1 (oky)<br>Libra Interior #1 (okeey)<br>Libra Interior #10 (okydy)<br>Scorpio Outer #3 (okeey)<br>Scorpio Interior #4 (oky)<br>Sagittarius Interior #2 (oky)<br>Sagittarius Interior #5 (ykey)<br>Sagittarius Interior #8 (ykey)<br><br><u>okol</u><br>Pisces Interior #8 (ykolaiin)<br>Aries Dark Outer #7 (okol csey)<br>Aries Dark Interior #5 (okoly)<br>Taurus Light Outer #1 (okolar)<br>Leo Outer #5 (okoly)<br>Sagittarius Top #1 (okol)<br><br><u>daly</u><br>Virgo Interior #6 (oeedaly)<br>Gemini Interior #7 (air aly)<br>Leo Interior #3 (laly)<br><br><u>darar</u><br>Pisces Outer #11 (otal arar)<br>Aries Light Outer #9 (oteos arar)<br><br><u>alol</u><br>Pisces Interior #6 (salols)<br>Aries Dark Interior #2 (oteo alols araly)<br>Cancer Outer #5 (ypaiiin aloly)<br><br><u>oa</u><br>Aries Dark Outer #5 (oal ceeg)<br>Aries Light Outer #1 (oteoaldy)<br>Aries Light Outer #3 (okeoaly)<br>Aries Light Interior #2 (otol oar am)<br>Taurus Dark Outer #1 (oaiin ar ary)<br>Cancer Interior #3 (ytoar cseor) | <u>oke$^{1-4}$ol</u><br>Pisces Outer #13 (okeoly)<br>Gemini Top #5 (okeolar)<br>Leo Outer #12 (okeeol)<br>Leo Outer #15 (okeolo)<br>Virgo Outer #13 (okeoldy)<br>Virgo Interior #1 oekeol)<br>Libra Outer #3 (okeeoly)<br>Libra Outer #19 (okeoly)<br>Libra Interior #8 (okeol)<br>Sagittarius Outer #14 (qokeoly)<br><br><u>oke$^{0-4}$or</u><br>Virgo Outer # (okeory)<br>Virgo Outer #14 (ykeeor)<br>Scorpio Outer #5(ykeeory)<br>Sagittarius Outer #3 (ykeor)<br><br><u>cea</u><br>Aries Dark Outer #9 (otol ypcsearal)<br>Aries Light Outer #6 (ceeary)<br>Taurus Dark Outer #4 (cear alef)<br>Taurus Dark Outer #8 (oceol cear am)<br>Taurus Light Outer #9 (cear orom) *** the only oro<br>Gemini Interior #8 (okar ceam)<br>Gemini Outer #7 (okair ceam)<br>Leo Outer #10 (oteey dceal) |
| #20 (opasal) | #13-19 (oaso, aloly, oarar, oeoky, oky, okeoly yteold, oeeotoey) | Pisces Outer #13-14 (okeoly, oky dy)<br>Aries Dark Interior #1-3 (otolaiin, oteo alols araly, oteoeey otal okeal ar)<br>Aries Light Outer #1-3 (oteoaldy, oteolar), okeoaly) | <u>other oa</u><br>Aries Dark Outer #5 (oal ceeg)<br>Aries Light Interior #2 (otol oar am)<br>Taurus Dark Outer #1 (oaiin ar ary) | |

| | | | | |
|---|---|---|---|---|
| | | Aries Light Interior #1-4 (otol cedy, (otol oar am, oteeol, otolced)<br>Taurus Light Outer #7-8 (opalar am dan, opalor ar)<br>Gemini Outer #13-14 (okyd, otolam)<br>Cancer Outer #4-5, #7-9 (opoiiin oin al aes, ypaiiin aloly, oeeeodaiin, ofcseoldy, opoeey okaiiin)<br>Leo Interior #9 and #11 (otoly yty, opal)<br>Leo Outer #1 (okey) and #3 (okyeecsey)<br>Libra Interior #1, #3, #7-8, #10 (okeey, oeey, oeeody, okeol, okydy)<br>Libra Outer #12, #16, #18-19 (oeeeos, oeeoty, oteoly, okeoly)<br>Virgo Outer #6, #13, #16 (ceeoldy), #18 (ceeoloy, okeoldy, oeeo daiin)<br>Sagittarius Interior #8-9 (ykey, ypal) | Cancer Interior #3 (ytoar cseor)<br><br>other [yo]p[ao]<br>Cancer Interior #7 (opalal)<br>Leo Interior #9 (opal)<br>Sagittarius Outer #4 (opals)<br><br>other alol<br>Pisces Interior #6 (salols)<br><br>other ok$e^{0-4}$y<br>Pisces Outer #1 (oky ody)<br>Taurus Dark Interior #3 (okeey ary)<br>Gemini Outer #4 (okeey ary)<br>Leo Interior #1 (oky)<br>Scorpio Outer #3 (okeey)<br>Scorpio Interior #4 (oky)<br>Sagittarius Interior #2 (oky)<br>Sagittarius Interior #5 (ykey)<br><br>ot$e^{0-4}$ol<br>Aries Dark Outer #9 (otol ypcsearal)<br>Leo Outer #6 (otoly)<br><br>ok$e^{1-4}$ol<br>Gemini Top #5 (okeolar)<br>Leo Outer #12 (okeeol)<br>Leo Outer #15 (okeolo)<br>Virgo Interior #1 oekeol)<br>Libra Outer #3 (okeeoly)<br>Libra Interior #8 (okeol)<br>Sagittarius Outer #14 (qokeoly) | |
| #21 (toseoldy) | #20-26 (okos, oekey, dar, oeockeey, sceey et saiiiny, sary, dag) | Scorpio Top #2 (ceockey)<br><br>o[tk]$e^{1-4}$os<br>Scorpio Outer #6 (oteeosy)<br>Scorpio Outer #13 (okeos)<br>Scorpio Interior #10 (okeos)<br>Sagittarius Outer #12 (okeos)<br><br>o$e^{1-4}$s → toseoldy less likely<br>Cancer Intermediate #2 (oeees aiin)<br>Cancer Intermediate #5 (ofais oeees aly)<br>Leo Interior #7 (oees aiin)<br>Libra Outer #2 (oees)<br>Libra Outer #12 (oeeeos)<br>Libra Outer #20 (oeees)<br><br>old<br>Cancer Outer #8 (ofcseoldy)<br>Virgo Outer #13 (okeoldy)<br>Virgo Outer #16 (ceeoldy)<br><br>o[tk]$e^{0-4}$y<br>Leo Outer #1 (okey)<br>Leo Outer #3 (okyeecsey)<br>Leo Interior #1 (oky)<br>Libra Interior #1 (okeey)<br>Libra Interior #10 (okydy)<br>Scorpio Outer #3 (okeey)<br>Scorpio Interior #4 (oky)<br>Sagittarius Interior #2 (oky)<br>Sagittarius Interior #5 (ykey)<br>Sagittarius Interior #8 (ykey)<br><br>Unusual daiin variants<br>Aries Dark Outer #2 (otokaim an)<br>Taurus Light Outer #7 (opalar am dan)<br>Taurus Dark Outer #7 (otalef ys ain am)<br>Taurus Dark Outer #10 (cedaiir sain y)<br>Cancer Outer #3 (oto *aiin)<br>Cancer Outer #6 (oteey daiiin)<br>Cancer Intermediate #2 (oeees aiin)<br>Leo Interior #5 (odair an)<br>Leo Interior #7 (oees aiin)<br>Leo Outer #9 (daiiin cecpy)<br>Libra Outer #5 (aiin od) | other o[tk]e1-4os<br>Pisces Interior #5 (oteosal)<br>Aries Light Outer #9 (oteos arar)<br><br>other o[tk]$e^{0-4}$y<br>Pisces Outer #1 (oky ody)<br>Pisces Outer #14 (oky dy)<br>Taurus Dark Interior #3 (okeey ary)<br>Gemini Outer #4 (okeey ary)<br>Gemini Outer #13 (okyd)<br><br>other Unusual *daiin* variants<br>Cancer Outer #3 (oto *aiin)<br>Cancer Outer #6 (oteey daiiin)<br>Cancer Intermediate #2 (oeees aiin)<br>Leo Interior #5 (odair an)<br>Leo Interior #7 (oees aiin)<br>Leo Outer #9 (daiiin cecpy)<br>Libra Outer #5 (aiin od)<br><br>ary<br>Aries Light Outer #7 (oteotey sary)<br>Taurus Dark Outer #1 (oaiin ar ary)<br>Taurus Dark Interior #3 (okeey ary)<br>Gemini Outer #4 (okeey ary)<br><br>no ag, no dam except Aries Light Outer #10 (okldam)<br>only relative of otdaiiiny would be Scorpio Outer #9 (okedal) | |
| #22 (yteoldy) | #27 Black Bryony #2 (tols asy) | Aries Dark Interior #1 (otolaiin)<br>Aries Dark Interior #2 (oteo alols araly) | ols<br>Pisces Interior #6 (salols)<br><br>ote0-4ol | unlikely old<br>Virgo Outer #16 (ceeoldy) |

| | | | | |
|---|---|---|---|---|
| | | | Aries Dark Outer #9 (otol ypcsearal)<br>Aries Light Outer #2 (oteolar)<br>Aries Light Interior #1 (otol cedy)<br>Aries Light Interior #2 (otol oar am)<br>Aries Light Interior #3 (oteeol)<br>Aries Light Interior #4 (otolced)<br>Gemini Outer #14 (otolam)<br>Leo Outer #6 (otoly)<br>Leo Interior #11 (otoly yty)<br>Libra Outer #18 (oteoly)<br><br>ary (no *as* among the Zodiacs)<br>Aries Light Outer #7 (oteotey sary)<br>Taurus Dark Outer #1 (oaiin ar ary)<br>Taurus Dark Interior #3 (okeey ary)<br>Gemini Outer #4 (okeey ary)<br><br>old<br>Cancer Outer #8 (ofcseoldy)<br>Virgo Outer #13 (okeoldy) | |
| **f99v** | | | | |
| #23 (okaragy) | #1 Lupinus Albus? #2-8 (otoldy, otor cey, oldy, das asy, otaly, olsy, arol, otoky) | **Pisces Outer #10 (otaly)**<br>Pisces Outer #11 (otal arar)<br>Pisces Outer #14 (oky dy)<br>Pisces Outer #12 (otal dy)<br>Pisces Outer #16 (otalalg)<br><br>Pisces Interior #4 (okaram)<br>Pisces Interior #6 (salols)<br>Pisces Interior #9 (okar am)<br><br>Aries Dark Interior #1 (otolaiin)<br>Aries Dark Interior #2 (oteo alols araly)<br>Aries Dark Outer #9 (otol ypcsearal)<br>Aries Dark Outer #10 (otal cey tar am dy)<br><br>Aries Light Interior #1 (otol cedy)<br>Aries Light Interior #2 (otol oar am)<br>Aries Light Interior #3 (oteeol)<br>Aries Light Interior #4 (otolced)<br>Aries Light Interior #5 (otal dar)<br><br>Aries Light Outer #2 (oteolar)<br>Aries Light Outer #4 (otaleky)<br>Aries Light Outer #5 (otal dar)<br>Aries Light Outer #8 (otal aly)<br><br>Gemini Outer #13 (okyd)<br>Gemini Outer #14 (otolam)<br><br>Gemini Interior #8 (okar ceam)<br>Gemini Interior #9 (otal)<br><br>Leo Interior #10 (otaly)<br>Leo Interior #11 (otoly yty)<br><br>Scorpio Interior #1 (okary)<br>Scorpio Interior #4 (oky) | other ote$^{0-4}$ol<br>Leo Outer #6 (otoly)<br>Libra Outer #18 (oteoly)<br><br>other okar variants<br>Taurus Light Outer #5 (okaraiin)<br>Taurus Light Outer #6 (okar ar aly)<br>Gemini Top #3 (okar am)<br>Gemini Top #4 (okairy)<br>Gemini Outer #7 (okair ceam)<br>Cancer Intermediate #6 (ykairaiin oiral)<br>Leo Interior #6 (okary)<br>Sagittarius Outer #13 (ykeear)<br><br>other o[tk]e$^{0-4}$y<br>Pisces Outer #1 (oky ody)<br>Taurus Dark Interior #3 (okeey ary)<br>Gemini Outer #4 (okeey ary)<br>Leo Outer #1 (okey)<br>Leo Outer #3 (okyeecsey)<br>Leo Interior #1 (oky)<br>Libra Interior #1 (okeey)<br>Libra Interior #10 (okydy)<br>Scorpio Outer #3 (okeey)<br>Sagittarius Interior #2 (oky)<br>Sagittarius Interior #5 (ykey)<br>Sagittarius Interior #8 (ykey)<br><br>other otal variants<br>Pisces Outer #5 (otald)<br>Pisces Outer #6 (otal dar)<br>**Aries Dark Outer #4 (otaly)**<br>Aries Dark Interior #3 (oteoeey otal okeal ar)<br>Taurus Light Interior #1 (otalody)<br>Taurus Light Interior #2 (otalaiin)<br>Taurus Dark Outer #3 (ytal csedy)<br>Taurus Dark Outer #7 (otalef ys ain am)<br>Gemini Interior #3 (otal csey)<br>**Libra Outer #11 (ytaly)**<br>**Scorpio Top #1 (otaly)**<br>**Scorpio Outer #15 (otaly)** | ary (no *as* among the Zodiacs)<br>Aries Light Outer #7 (oteotey sary)<br>Taurus Dark Outer #1 (oaiin ar ary)<br>Taurus Dark Interior #3 (okeey ary)<br>Gemini Outer #4 (okeey ary)<br><br>darar<br>Pisces Outer #11 (otal arar)<br>Aries Light Outer #9 (oteos arar)<br><br>old<br>Cancer Outer #8 (ofcseoldy)<br>Virgo Outer #13 (okeoldy)<br>Virgo Outer #16 (ceeoldy) |
| #24 (okoldody) | #9 Lupinus Albus? #10-14 (oeees ary, daiiino, dary, saiiino, otolsar, osary) | Taurus Dark Outer #1 (oaiin ar ary)<br>Taurus Dark Outer #7 (otalef ys ain am)<br>Taurus Dark Outer #9 (ocseodody)<br>Taurus Dark Outer #10 (cedaiir sain y)<br><br>Libra Outer #2 (oees)<br>Libra Outer #3 (okeeoly)<br>Libra Outer #12 (oeeeos)<br>Libra Outer #18 (oteoly)<br>Libra Outer #19 (okeoly)<br>Libra Outer #20 (oeees)<br><br>Leo Outer #5 (okoly)<br>Leo Outer #6 (otoly) | other osa<br>Pisces Interior #5 (oteosal)<br>Gemini Interior #5 (ceosar)<br>Cancer Outer #2 (os ar cseeeen)<br>Cancer Interior #2 (os ais al)<br><br>other oe$^{1-4}$s<br>Cancer Intermediate #2 (oeees aiin)<br>Cancer Intermediate #5 (ofais oeees aly)<br>Leo Interior #7 (oees aiin)<br><br>other ary<br>Aries Light Outer #7 (oteotey sary)<br>Taurus Dark Interior #3 (okeey ary)<br>Gemini Outer #4 (okeey ary)<br><br>ote$^{0-4}$ol<br>Aries Dark Outer #9 (otol ypcsearal) | old<br>Cancer Outer #8 (ofcseoldy)<br>Virgo Outer #13 (okeoldy)<br>Virgo Outer #16 (ceeoldy)<br><br>ols<br>Pisces Interior #6 (salols)<br>Aries Dark Interior #2 (oteo alols araly)<br><br>Other Unusual daiin variants<br>Aries Dark Outer #2 (otokaim an)<br>Taurus Light Outer #7 (opalar am dan)<br>Taurus Dark Outer #7 (otalef ys ain am)<br>Cancer Outer #3 (oto *aiin)<br>Cancer Outer #6 (oteey daiiin)<br>Cancer Intermediate #2 (oeees aiin)<br>Leo Interior #5 (odair an)<br>Leo Interior #7 (oees aiin) |

| | | | | |
|---|---|---|---|---|
| | | | Aries Dark Interior #1 (otolaiin)<br>Aries Light Outer #2 (oteolar)<br>Aries Light Interior #1 (otol cedy)<br>Aries Light Interior #2 (otol oar am)<br>Aries Light Interior #3 (oteeol)<br>Aries Light Interior #4 (otolced)<br>Gemini Outer #14 (otolam)<br>Leo Interior #11 (otoly yty)<br><br><u>okol</u><br>Pisces Interior #8 (ykolaiin)<br>Aries Dark Outer #7 (okol csey)<br>Aries Dark Interior #5 (okoly)<br>Taurus Light Outer #1 (okolar)<br>Sagittarius Top #1 (okol)<br><br><u>oke$^{1-4}$ol</u><br>Pisces Outer #13 (okeoly)<br>Gemini Top #5 (okeolar)<br>Leo Outer #12 (okeeol)<br>Leo Outer #15 (okeolo)<br>Virgo Outer #13 (okeoldy)<br>Virgo Interior #1 oekeol)<br>Libra Interior #8 (okeol)<br>Sagittarius Outer #14 (qokeoly) | Leo Outer #9 (daiiin cecpy)<br>Libra Outer #5 (aiin od) |
| #25 (darol aly) | #15-19 (okecey otal, ceor olekor, okeodor, olky, doldam) | Aries Light Outer #4 (otaleky) | Taurus Dark Outer #9 (ocseodody)<br><br><u>aly</u><br>Gemini Interior #7 (air aly)<br>Leo Interior #3 (laly)<br><br><u>other otal variants</u><br>Pisces Outer #5 (otald)<br>Pisces Outer #6 (otal dar)<br>Pisces Outer #10 (otaly)<br>Pisces Outer #11 (otal arar)<br>Pisces Outer #12 (otal dy)<br>Pisces Outer #16 (otalalg)<br>Aries Dark Outer #4 (otaly)<br>Aries Dark Outer #10 (otal cey tar am dy)<br>Aries Dark Interior #3 (oteoeey otal okeal ar)<br>Aries Light Outer #5 (otal dar)<br>Aries Light Outer #8 (otal aly)<br>Aries Light Interior #5 (otal dar)<br>Taurus Light Interior #1 (otalody)<br>Taurus Light Interior #2 (otalaiin)<br>Taurus Dark Outer #3 (ytal csedy)<br>Taurus Dark Outer #7 (otalef ys ain am)<br>Gemini Interior #3 (otal csey)<br>Gemini Interior #9 (otal)<br>Leo Interior #10 (otaly)<br>Libra Outer #11 (ytaly)<br>Scorpio Top #1 (otaly)<br>Scorpio Outer #15 (otaly) | <u>olk</u><br>Cancer Outer #11 (olkal aiin)<br>Virgo Interior #5 (olkar)<br><br><u>old</u><br>Cancer Outer #8 (ofcseoldy)<br>Virgo Outer #13 (okeoldy)<br>Virgo Outer #16 (ceeoldy) |
| #26 (oralar) | #20 Bladderwort (koleearol) | | <u>ora and olar</u><br>Gemini Outer #11 (orary)<br>Cancer Intermediate #8 (orary)<br>Pisces Interior #3 (dolar am) | |
| **f100r** | | | | |
| #27 (ceos ar ocseol) | #1-11 (soceor cfey, otear, ceofary, sarcear, daiiin dy, oraro, ceal sain, soity, sosam, dakocke, dofam) | Taurus Dark Outer #7 (otalef ys ain am) – unusual daiiin, osa<br>Taurus Dark Outer #8 (oceol cear am) – on 2<br>Taurus Dark Outer #9 (ocseodody)<br>Taurus Dark Outer #10 (cedaiir sain y) – unusual daiiin<br><br>Gemini Outer #9 (otarar)<br>Gemini Outer #11 (orary)<br><br>Leo Outer #7 (ofal als)<br>Leo Outer #9 (daiiin cecpy) distantly to cfey too? | <u>other ora</u><br>Cancer Intermediate #8 (orary)<br><br><u>other of[ao]</u><br>Taurus Dark Interior #5 (ofaralar)<br>Cancer Interior #1 (yfary)<br><br><u>other osa</u><br>Pisces Interior #5 (oteosal)<br>Gemini Interior #5 (ceosar)<br>Cancer Outer #2 (os ar cseeeen)<br>Cancer Interior #2 (os ais al)<br><br><u>other Unusual daiin variants</u><br>Cancer Outer #6 (oteey daiiin)<br><br><u>other oi</u><br>Cancer Outer #4 (opoiiin oin al aes)<br>Cancer Intermediate #6 (ykairaiin oiral)<br>Libra Interior #2 (oiiny) | <u>Other cea</u><br>Aries Dark Outer #9 (otol ypcsearal)<br><br>Leo Outer #8 (cseeeod ocfeey) → cfey unlikely<br>Taurus Light Outer #3 (al cpey)<br>Leo Outer #9 (daiiin cecpy)<br><br><u>unlike Unusual daiin variants</u><br>Aries Dark Outer #2 (otokaim an)<br>Taurus Light Outer #7 (opalar am dan)<br>Cancer Outer #3 (oto *aiin)<br>Cancer Intermediate #2 (oeees aiin)<br>Leo Interior #5 (odair an)<br>Leo Interior #7 (oees aiin)<br>Libra Outer #5 (aiin od) |

| | | | | |
|---|---|---|---|---|
| | | | Scorpio Top #2 (ceockey)<br><br><u>ceos variants</u><br>Virgo Interior #7 (ceeosy)<br>Gemini Interior #5 (ceosar)<br><br><u>cea</u><br>Aries Light Outer #6 (ceeary)<br>Taurus Dark Outer #4 (cear alef)<br>Taurus Light Outer #9 (cear orom)<br>Gemini Interior #8 (okar ceam)<br>Gemini Outer #7 (okair ceam)<br>Leo Outer #10 (oteey dceal)<br><br><u>otar variants</u><br>Pisces Interior #1 (otalar)<br>Pisces Interior #2 (otalam)<br>Pisces Interior #10 (otaral)<br>Pisces Outer #18 (otar)<br>Aries Dark Interior #4 (otear araydy)<br>Taurus Light Interior #3 (otar csear)<br>Taurus Dark Outer #5 (otaraldy)<br>Gemini Outer #5 (oteeary)<br>Gemini Outer #6 (otair dy)<br>Gemini Outer #15 (otar al dy)<br>Cancer Intermediate #1 (ytairal) | |
| #28 (cseockeey) | #12-15, #16 Mugwort Variety? (okeeosorol, ol ceom, okols, oteol) | Pisces Interior #5 (oteosal)<br>Pisces Interior #6 (salols)<br>Pisces Interior #8 (ykolaiin)<br><br>Aries Dark Outer #7 (okol csey)<br>Aries Dark Outer #9 (otol ypcsearal)<br><br>Aries Dark Interior #1 (otolaiin)<br>Aries Dark Interior #2 (oteo alols araly)<br>Aries Dark Interior #5 (okoly)<br><br>Gemini Top #5 (okeolar)<br>Sagittarius Top #1 (okol)<br>Scorpio Top #2 (ceockey)<br><br>Libra Outer #18 (oteoly)<br>Libra Outer #19 (okeoly)<br><br><u>o[tkle$^{1-4}$os</u><br>Scorpio Outer #6 (oteeosy)<br>Scorpio Outer #13 (okeos)<br>Scorpio Interior #10 (okeos)<br>Sagittarius Outer #12 (okeos) | Taurus Light Outer #9 (cear orom)<br><br><u>other o[tkle$^{1-4}$os</u><br>Aries Light Outer #9 (oteos arar)<br><br><u>other okol</u><br>Taurus Light Outer #1 (okolar)<br>Leo Outer #5 (okoly)<br><br><u>oke$^{1-4}$ol</u><br>Pisces Outer #13 (okeoly)<br>Leo Outer #12 (okeeol)<br>Leo Outer #15 (okeolo)<br>Virgo Outer #13 (okeoldy)<br>Virgo Interior #1 oekeol)<br>Libra Outer #3 (okeeoly)<br>Libra Interior #8 (okeol)<br>Sagittarius Outer #14 (qokeoly)<br><br><u>ote$^{0-4}$ol</u><br>Aries Light Outer #2 (oteolar)<br>Aries Light Interior #1 (otol cedy)<br>Aries Light Interior #2 (otol oar am)<br>Aries Light Interior #3 (oteeol)<br>Aries Light Interior #4 (otolced)<br>Gemini Outer #14 (otolam)<br>Leo Outer #6 (otoly)<br>Leo Interior #11 (otoly yty) | |
| **f100v** | | | | |
| #29 (unlabeled) | #1-4, #5 Viper's Tongue, #7 Resembles a Philodendron, #9 Broccoli? #10-11, #12-13 Pine? (tolcedceols, opoeor, solsy, soleeesos, ylkceocedy, ykcedy, dcedy, dalsy, okceeor, ytceol, dylkceal, ceos ctearal) | Cancer Outer #4 (opoiiin oin al aes)<br>Cancer Outer #7 (oeeeodaiin)<br>Cancer Outer #9 (opoeey okaiiin)<br>Cancer Outer #12 (olalsy)<br><br>Taurus Light Interior #4 (cseol csedy) – both members but both common<br><br>Pisces Interior #6 (salols)<br>Pisces Interior #7 (okal dal) | Aries Light Interior #4 (otolced)<br>Taurus Dark Interior #1 (otceo csey)<br><br><u>ols</u><br>Aries Dark Interior #2 (oteo alols araly)<br><br><u>other cse$^{1-4}$ol</u><br>Taurus Light Interior #4 (cseol csedy)<br>Sagittarius Outer #16 (cseeol)<br>Leo Interior #12 (cseoleey)<br><br><u>other dalsy relatives</u><br>Aries Dark Outer #6 (oteeodals)<br>Leo Outer #7 (ofal als)<br>Scorpio Outer #11 (dal cseey)<br><br><u>other cedy variants</u><br>Scorpio Outer #10 (cedy)<br><br><u>other oe$^{0-4}$o</u><br>Virgo Outer #18 (oeeo daiin)<br>Libra Outer #12 (oeeeos) – on both oe0-4o and os<br>Libra Outer #16 (oeeoty)<br>Libra Interior #7 (oeeody) | <u>other cea</u><br>Aries Dark Outer #9 (otol ypcsearal) |

| | | | | |
|---|---|---|---|---|
| | | | other ceos variants<br>Virgo Interior #7 (ceeosy)<br>Gemini Interior #5 (ceosar)<br><br>cea<br>Aries Light Outer #6 (ceeary)<br>Taurus Dark Outer #4 (cear alef)<br>Taurus Dark Outer #8 (oceol cear am)<br>Taurus Light Outer #9 (cear orom)<br>Gemini Interior #8 (okar ceam)<br>Gemini Outer #7 (okair ceam)<br>Leo Outer #10 (oteey dceal)<br><br>oe$^{1-4}$s → soleeesos unlikely<br>Cancer Intermediate #2 (oeees aiin)<br>Cancer Intermediate #5 (ofais oeees aly)<br>Leo Interior #7 (oees aiin)<br>Libra Outer #2 (oees)<br>Libra Outer #20 (oeees) | |
| **f101r1-2** | | | | |
| #30-32 (unlabeled) | f101r1 #1-29 (unlabeled) | | | |
| **f101v2-v1** | | | | |
| #33 (unlabeled) | f101v2 #1-4 (rair aly, otaldy, otal, yta*y),<br>f101v1 #1-5 (dokor, orar, otarar, otoly, soraly) | Aries Dark Interior #1 (otolaiin)<br>Aries Dark Interior #4 (otear araydy)<br><br>Gemini Outer #5 (oteeary)<br>Gemini Outer #6 (otair dy)<br>Gemini Outer #9 (otarar)<br>Gemini Outer #11 (orary)<br>Gemini Outer #14 (otolam)<br>Gemini Outer #15 (otar al dy) | other otar variants<br>Pisces Interior #1 (otalar)<br>Pisces Interior #2 (otalam)<br>Pisces Outer #18 (otar)<br>Pisces Interior #10 (otaral)<br>Taurus Light Interior #3 (otar csear)<br>Taurus Dark Outer #5 (otaraldy)<br>Cancer Intermediate #1 (ytairal)<br><br>other ote$^{0-4}$ol<br>Aries Dark Outer #9 (otol ypcsearal)<br>Aries Light Outer #2 (oteolar)<br>Aries Light Interior #1 (otol cedy)<br>Aries Light Interior #2 (otol oar am)<br>Aries Light Interior #3 (oteeol)<br>Aries Light Interior #4 (otolced)<br>Leo Outer #6 (otoly)<br>Leo Interior #11 (otoly yty)<br>Libra Outer #18 (oteoly)<br><br>other ora<br>Cancer Intermediate #8 (orary)<br><br>aly<br>Gemini Interior #7 (air aly)<br>Leo Interior #3 (laly)<br><br>oke$^{0-4}$or<br>Virgo Outer # (okeory)<br>Virgo Outer #14 (ykeeor)<br>Scorpio Outer #5(ykeeory)<br>Sagittarius Outer #3 (ykeor) | |
| #34 (unlabeled) | f101v2 #5-7 (okol, aroj, oras am), f101v2 #8 (unlabeled), f101v1 #6-10 (dytoly, olkor, dolary, odor, olaran) | Pisces Interior #3 (dolar am)<br><br>Aries Dark Outer #7 (okol csey)<br>Aries Dark Outer #9 (otol ypcsearal)<br><br>Aries Dark Interior #1 (otolaiin)<br>Aries Dark Interior #5 (okoly)<br><br>Leo Outer #5 (okoly)<br>Leo Outer #6 (otoly)<br><br>Libra Outer #18 (oteoly)<br>Libra Outer #19 (okeoly) | Taurus Dark Outer #9 (ocseodody)<br><br>ora<br>Gemini Outer #11 (orary)<br>Cancer Intermediate #8 (orary)<br><br>yto/oto/yty/oty<br>Pisces Outer #2 (oty ar)<br>Pisces Outer #19 (oty)<br>Aries Light Outer #7 (oteotey sary)<br>Leo Interior #11 (otoly yty)<br>Cancer Outer #6 (oteey daiiin)<br>Libra Outer #16 (oeeoty)<br>Scorpio Outer #14 (otey)<br><br>ote$^{0-4}$ol<br>Aries Light Outer #2 (oteolar)<br>Aries Light Interior #1 (otol cedy)<br>Aries Light Interior #2 (otol oar am)<br>Aries Light Interior #3 (oteeol)<br>Aries Light Interior #4 (otolced)<br>Gemini Outer #14 (otolam)<br>Leo Interior #11 (otoly yty)<br><br>other okol | olk<br>Cancer Outer #11 (olkal aiin)<br>Virgo Interior #5 (olkar) |

| | | | | |
|---|---|---|---|---|
| | | | Pisces Interior #8 (ykolaiin)<br>Taurus Light Outer #1 (okolar)<br>Sagittarius Top #1 (okol)<br><br>other $oke^{1-4}ol$<br>Pisces Outer #13 (okeoly)<br>Gemini Top #5 (okeolar)<br>Leo Outer #12 (okeeol)<br>Leo Outer #15 (okeolo)<br>Virgo Outer #13 (okeoldy)<br>Virgo Interior #1 oekeol)<br>Libra Outer #3 (okeeoly)<br>Libra Interior #8 (okeol)<br>Sagittarius Outer #14 (qokeoly) | |
| #35 (unlabeled) | f101v2 #9-13, f101v1 #11-15 (unlabeled) | | | |
| **f102r1** | | | | |
| #36 (dolrod) | #1 Capparis Spinosa? (otodeeodor) | | Libra Outer #5 (aiin od)<br><br>ols<br>Pisces Interior #6 (salols)<br>Aries Dark Interior #2 (oteo alols araly)<br><br>Taurus Dark Outer #9 (ocseodody)<br><br>Pisces Outer #4 (otody)<br><br>yto/oto/yty/oty<br>Leo Interior #11 (otoly yty)<br>Cancer Outer #6 (oteey daiiin)<br>Pisces Outer #2 (oty ar)<br>Pisces Outer #19 (oty)<br>Aries Light Outer #7 (oteotey sary)<br>Libra Outer #16 (oeeoty)<br>Scorpio Outer #14 (otey) | |
| #37 (okolaly) | #2 Water Hemlock Dropwort (or Parsnips) (unlabeled) | | Gemini Interior #7 (air aly)<br>Leo Interior #3 (laly)<br><br>okol<br>Pisces Interior #8 (ykolaiin)<br>Aries Dark Outer #7 (okol csey)<br>Aries Dark Interior #5 (okoly)<br>Taurus Light Outer #1 (okolar)<br>Leo Outer #5 (okoly)<br>Sagittarius Top #1 (okol)<br><br>$oke^{1-4}ol$<br>Pisces Outer #13 (okeoly)<br>Gemini Top #5 (okeolar)<br>Leo Outer #12 (okeeol)<br>Leo Outer #15 (okeolo)<br>Virgo Outer #13 (okeoldy)<br>Virgo Interior #1 oekeol)<br>Libra Outer #3 (okeeoly)<br>Libra Outer #19 (okeoly)<br>Libra Interior #8 (okeol)<br>Sagittarius Outer #14 (qokeoly) | |
| #38 (doaro cse) | #3 European Aspen, #4 Variety of Nightshade (leledy doto) | **Cancer Interior #3 (ytoar cseor)**<br>Cancer Outer #6 (oteey daiiin)<br><br>Aries Light Outer #1 (oteoaldy)<br>Aries Light Outer #3 (okeoaly)<br>Aries Light Outer #7 (oteotey sary) | oa<br>Aries Dark Outer #5 (oal ceeg)<br>Aries Light Interior #2 (otol oar am)<br>Taurus Dark Outer #1 (oaiin ar ary)<br><br>yto/oto/yty/oty<br>Pisces Outer #2 (oty ar)<br>Pisces Outer #19 (oty)<br>Leo Interior #11 (otoly yty)<br>Libra Outer #16 (oeeoty)<br>Scorpio Outer #14 (otey) | old<br>Cancer Outer #8 (ofcseoldy)<br>Virgo Outer #13 (okeoldy)<br>Virgo Outer #16 (ceeoldy) |
| **f102r2** | | | | |
| #39 (*odaiig) | #1 Lungwort, #2 Tormentil (unlabeled) | | $odai^{0-4}$[dlrsmg \| n]<br>Aries Dark Outer #6 (oteeodals)<br>Cancer Outer #7 (oeeeodaiin)<br>Leo Interior #5 (odair an)<br>Virgo Outer #8 (oteodar)<br>Libra Outer #4 (odal)<br>Libra Outer #5 (aiin od)<br>Libra Outer #6 (odady) | |
| #40 (*****d) | f102r2 #3-7 (unlabeled) | | | |
| #41 (do* toldy y*e***al | #8 Agrimony, #9 (koldarod, odaly da*y) | | old<br>Cancer Outer #8 (ofcseoldy) | |

| | | | | |
|---|---|---|---|---|
| r***la**g*) | | | Virgo Outer #13 (okeoldy)<br>Virgo Outer #16 (ceeoldy)<br><br>daly<br>Virgo Interior #6 (oeedaly)<br>Gemini Interior #7 (air aly)<br>Leo Interior #3 (laly)<br><br>odal<br>Aries Dark Outer #6 (oteeodals)<br>Libra Outer #4 (odal) | |
| **f102v2** | | | | |
| #42 Top, Bottom (porcseols, doaijy) | #1-3, #4 Blue Vitriol (Copper Sulfate), #5-10, #11 Pine? #12-14 (orar, cseor, dacey, okeos, otol, otosy, okad, otody, oeeor, okoroeey, opcey, darol, olsodar, tod) | Pisces Interior #5 (oteosal)<br>Pisces Interior #6 (salols)<br>Pisces Outer #4 (otody)<br>Pisces Outer #7 (okody)<br>Pisces Outer #17 (okady)<br>Sagittarius Outer #3 (ykeor)<br>Sagittarius Outer #12 (okeos)<br>Sagittarius Outer #16 (cseeol)<br><br>o[tk]e$^{1-4}$os<br>Scorpio Outer #6 (oteeosy)<br>Scorpio Outer #13 (okeos)<br>Scorpio Interior #10 (okeos)<br><br>oke$^{0-4}$or<br>Scorpio Outer #5(ykeeory)<br><br>Leo Interior #11 (otoly yty)<br>Leo Interior #12 (cseoleey) | Aries Dark Outer #1 (opceey sal)<br><br>Libra Outer #5 (aiin od)<br>Libra Outer #12 (oeeeos)<br><br>other cse$^{1-4}$ol<br>Taurus Light Interior #4 (cseol csedy)<br><br>other [tk]e$^{1-4}$os<br>Aries Light Outer #9 (oteos arar)<br><br>other oke$^{0-4}$or<br>Virgo Outer #4 (okeory)<br>Virgo Outer #14 (ykeeor)<br><br>other ols<br>Aries Dark Interior #2 (oteo alols araly)<br><br>other ora<br>Gemini Outer #11 (orary)<br>Cancer Intermediate #8 (orary)<br><br>oa<br>Aries Dark Outer #5 (oal ceeg)<br>Aries Light Outer #1 (oteoaldy)<br>Aries Light Outer #3 (okeoaly)<br>Aries Light Interior #2 (otol oar am)<br>Taurus Dark Outer #1 (oaiin ar ary)<br>Cancer Interior #3 (ytoar cseor)<br><br>ote$^{0-4}$ol<br>Aries Dark Outer #9 (otol ypcsearal)<br>Aries Dark Interior #1 (otolaiin)<br>Aries Light Outer #2 (oteolar)<br>Aries Light Interior #1 (otol cedy)<br>Aries Light Interior #2 (otol oar am)<br>Aries Light Interior #3 (oteeol)<br>Aries Light Interior #4 (otolced)<br>Gemini Outer #14 (otolam)<br>Leo Outer #6 (otoly)<br>Libra Outer #18 (oteoly)<br><br>odar<br>Leo Interior #5 (odair an)<br>Virgo Outer #8 (oteodar) | |
| #43 (okolky) | #15-19 (osair, acky, okeeoraiiin, okockey, o**) | Cancer Outer #1 (oraiin am)<br>Cancer Outer #2 (os ar cseeeen)<br>Cancer Intermediate #9 (olaiin olackey)<br><br>Virgo Outer #4 (okeory)<br>Virgo Outer #13 (okeoldy)<br>Virgo Outer #14 (ykeeor)<br>Virgo Interior #1 (oekeol)<br>Virgo Interior #5 (olkar)<br>Virgo Interior #10 (oraiin) | Scorpio Top #2 (ceockey)<br><br>other olk<br>Cancer Outer #11 (olkal aiin)<br><br>other oke$^{0-4}$or<br>Scorpio Outer #5(ykeeory)<br>Sagittarius Outer #3 (ykeor)<br><br>okol<br>Pisces Interior #8 (ykolaiin)<br>Aries Dark Outer #7 (okol csey)<br>Aries Dark Interior #5 (okoly)<br>Taurus Light Outer #1 (okolar)<br>Leo Outer #5 (okoly)<br>Sagittarius Top #1 (okol)<br><br>other oke$^{1-4}$ol<br>Pisces Outer #13 (okeoly)<br>Gemini Top #5 (okeolar)<br>Leo Outer #12 (okeeol)<br>Leo Outer #15 (okeolo)<br>Libra Outer #3 (okeeoly) | |

| | | | | |
|---|---|---|---|---|
| | | | Libra Outer #19 (okeoly)<br>Libra Interior #8 (okeol)<br>Sagittarius Outer #14 (qokeoly)<br><br>other orain<br>Sagittarius Outer #10 (oraiiny)<br><br>other osa<br>Pisces Interior #5 (oteosal)<br>Taurus Dark Outer #7 (otalef ys ain am)<br>Gemini Interior #5 (ceosar)<br>Cancer Interior #2 (os ais al) | |
| **f102v1** | | | | |
| #44 (keoraiin) | #1, #2 "Syringes" Ipomoea Indica? #3-5 (ykeody, okeody, daisaly, ypory, opceytoy) | Aries Dark Interior #2 (oteo alols araly)<br>Aries Dark Interior #3 (oteoeey otal okeal ar)<br><br>Cancer Outer #1 (oraiin am)<br>Cancer Outer #4 (opoiiin oin al aes)<br>Cancer Outer #9 (opoeey okaiiin) – on both opo and oey<br><br>Virgo Outer #6 (ceeoloy)<br>Virgo Outer #10 (oteeod)<br>Virgo Outer #11 (yteody)<br>Virgo Outer #12 (okeody)<br><br>Sagittarius Outer #10 (oraiiny)<br>Sagittarius Outer #11 (ykeeody) | opcey relatives<br>Aries Dark Outer #1 (opceey sal)<br><br>other potential daisaly relatives<br>Cancer Interior #5 (aral)<br><br>other orain<br>Virgo Interior #10 (oraiin)<br><br>Libra Interior #3 (oeey) | |
| #45 (***o**) | #6, #7 Valerian Composite, #8 (ypceoldy, losalody, opcedard) | | ypceoldy relatives<br>Cancer Outer #8 (ofcseoldy)<br><br>opcedard relatives<br>Virgo Outer #9 (ofcedy sd)<br>Gemini Top #1(ofcedady)<br>Aries Dark Outer #1 (opceey sal)<br><br>Pisces Outer #1 (oky ody)<br>Libra Interior #7 (oeeody)<br><br>osa<br>Pisces Interior #5 (oteosal)<br>Taurus Dark Outer #7 (otalef ys ain am)<br>Gemini Interior #5 (ceosar)<br>Cancer Outer #2 (os ar cseeeen)<br>Cancer Interior #2 (os ais al) | |

Table 30.3: Canister Mappings to Specific Herbal Folios

| Canister | Ingredients | | |
|---|---|---|---|
| **f88r** | | | |
| #1 (otor ceety) | Line 1 #1-5 (osal, orald, oldar, ototy, otaly) | f3r Sawtooth Spurge | oporar,otal,pceeoldom,qoraiin |
| | Categories: otal variants, osa, otor variants, old, ote0-4y, ora, ote0-4y, ety, [yo]te4or | f9r European Holly | cfeodoral,dcseoldy,koraiin,oraiin,ytor |
| | | f9v Viola Tricolor (Pansy) | cety,otal,qotor,toldy,ytoldy |
| | | f10r Chicory/Endive | cety,etyd,osain,otor,qotor |
| | | f30v Spindle or Dogs Mercury | ceeoldy,cseeoldy,cseosaiin,cteoldy,ytor |
| | | f33r Henbane | oldor,otal,otor,qotor,yfoldy |
| | | f33v Maces | oldy,orain,oram,otal,porar |
| | | f34r Cowbane | cety,oldam,ololdy,ysair |
| | | f34v Pomegranate | ceoraiin,oldaiin,oldam,oldar,orair,qoldar,ytal |
| | | f36r Sycamore/Maple Composite | cety,oral,qooldy,qorain,sold,ytorory |
| | | f39r Fumitory #1 | dold,orain,otal,ytor |
| | | f40r Carnation Type #2 | okoldy,oraiin,orain,otor |
| | | f42r Sorrel and Wood Sorrel | ceety,ceotor,doraiiin,ety,qotor |
| | | f43r Creeping or Cursed Buttercup | ceety,old,qotaly,toldy |
| | | f46r Flea Seed (Plantago/Plantain Composite) | aloldy,ceety,osaiin,ytaly |
| | | f48v Bulbous Buttercup (Ranunculus #2) | ceety,loldy,oldy,otal,otoldy |
| | | f50r Drosera Species | osam,otal,qotal,qotor |
| | | f51v Juniper | fold,olceeety,qotal,ytal |
| | | f54r Woundwort (Stachys) | ceety,koldy,korare,oldam |
| | | f87r Fleawort | ceety,qoeeeety,soraiin,ypceocpeeosaiin,ysaiin |
| #2 (otaldy) | Line 2 #1-5 (orag, dary, okol, sorory, otydy) | f24r Silene Latifolia | okol,otal,porory |
| | Categories: otal variants, okol variants, [yo]ke4ol, oro, ora, [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix, [yo][fptk\| dlrsmg][ao]g | f36r Sycamore/Maple Composite | okol,oral,qorain,ytorory |
| | | f44v Colocynth | cseorody,okol,otal |
| | | f51v Juniper | cseokog,otykol,qokol,qotal,ykol,ytal |
| | | f55r Geranium/Herb Robert | okol,orai,orol,otal,otaldiin |
| | | f65v | okag,otal,qokol,qotal |
| #3 (ofyskydal) | Line 3 #1, #2 Lupine? (otosag, ofaldo) | f51v Juniper | cseokog,qodal,yfal |
| | Categories: [yo]te4or, otor variants, yodai0-4l, [yo][fp]y, otos variants, [yo][fptk\| dlrsmg][ao]g, [yo]fa | f65v | kodal,okag,teodal,yceoopy,ykofar |

| | | | |
|---|---|---|---|
| | | f95r2 Fumitory #2 | odaly,ofar |
| **f88v** | | | |
| #4 (okolyd) | Line 1 #1-4 (ceeoctey, cpeeor, otar arody, otokol) | f8r Libbards Bane Candidate #1 | ceeoctey,ceocty,cpeol,otariin |
| | Categories: [yo]ke4ol, okol variants, otar variants, cpeo-initial, aro[dlrsmg], oc[fpt]e4y | f13v Honeysuckle | cpeol,qoctey,qokol,ykol |
| | | f19v Nailwort/Hairy Forked Chickweed | ceoctey,darom,ytar |
| | | f25r Balm of Gilead "dair otaiir otosy" | cpeoldy,cseoctey,otaiir |
| | | f30v Spindle or Dogs Mercury | ceocteey,ceokol,cetoctey,cpeoaiin |
| | | f36r Sycamore/Maple Composite | ceytaroiin,cpeor,okol,otaro |
| | | f37v European Aspen | ceocteey,cpeorod,qoctey,ykol |
| | | f43r Creeping or Cursed Buttercup | otary,qokol,qotar,tarodaiin,ykolor |
| | | f50v Alpine Snowbell | arod,otar,qokol |
| | | f53v | cpeo,cpeom,qokol,yceoctey |
| | | f55r Geranium/Herb Robert | arod,cpeeody,okol,otar |
| | | f93r Scabwort or Middle/Common Fleabane | ceotar,qokol,yceoctey |
| | | f94v Orris Root | cseeoctey,otar,qotar,ykol,ytar |
| | | f96r Black Hellebore | ceocty,ckeoctey,cpeeol,cpeeor,cseokocfey,okol |
| #5 (otor am) | Line 2 #1-3 (otory, ceeos dy, okaiiin) | f15r Sow Thistles | kokaiin,okaiin,qokaiin,qotor |
| | Categories: [yo]te4or, otor variants, [yo]kai0-4n | f23v Borage | okaiin,otor,qokaiin,qotceotor |
| | | f33r Henbane | okaiin,okain,otor,qotor |
| | | f36v Galium Aparine (Cleavers) | okaiin,qotor,ytor,ytory |
| | | f37r Danewort (Sambucus Ebulus) | okaiin,qokaiin,qotor,ykaiin |
| | | f39v Carnation Type #1 or Morning Glory/Bindweed | cseeykaiin,fdykain,okaiin,okain,otor,qokaiin,qokain |
| | | f50r Drosera Species | okain,qokaiin,qokain,qotor,ykain,ykykaiin |
| #6 (daram dal) | Line 3 #1-3 (otydary, otdory, darar g am) | f34r Cowbane | amg,ceyty,daram,otey,ykceeg,ytey |
| | Categories: a[dlrsmg]am, ote0-4y, [fptk\| dlrsmg] + ai4[dlrsmg \| n] + y-suffix, g, ote0-4y, a[lr][ao][lr], o[fptk]d, o[fptk]eda[lrsm \| n], o[fptk]edai4n | f66v Houndstongue | ceeoteey,dalam,qokd,yteey |
| **f89r1** | | | |
| #7 (okcecsey) | Line 1 #1-4 (qkol, oldag, otoldy, arar ceodaiin) | f2r Centaurea Benedicta/Cyanus/Diffusa | cseodaiin,fodan,kydain,kydainy,ytoldy |
| | Categories: a[lr][ao][lr], old, q[fptk]o[dlrsmg], yodai0-4n, otol variants, [yo]te4ol | f3r Sawtooth Spurge | cseodaiin,odaiin,okodaiin,otol,pceeoldom,qodaiin |
| | | f4v Rampion | ceodain,ceoldy,cseodaiin,qodaiin,qotol |
| | | f7r Starflower | ceeodaiin,cekoldy,dold,fceodaiin,odaiin,qko |
| | | f8r Libbards Bane Candidate #1 | ceeodaiin,ceodaiin,ceotol,koltoldy,otodaiin,teeodan |
| | | f9r European Holly | dcseoldy,odaiin,qotol,ytol |
| | | f13v Honeysuckle | foldaiin,otol,ydain |
| | | f18r Helichrysum "Snake Rose" | cseoldy,doldaiin,doldy,ydaiin,ytol |
| | | f20r Vipers Bugloss | ceodaiin,ceokoldy,ceotol,otol,pceodaiin,qotol,sceodain |
| | | f20v Asphodeline | ceodaiin,ceoldy,otol |
| | | f21v Dittany Disambiguation | ceodaiin,odaiin,qotol,todaiin,toldcsey |
| | | f22r Crimson Clover | ceoldcey,dydain,odaiin,oldam,oldor,otoldy,ydaiin |
| | | f22v Peony Subspecies | cekoldy,cseotoly,odaiin |
| | | f28r Smearwort/Adders Tongue Relative | ceodaiin,otol,otoldy,qodaiin,qoldy |
| | | f29v German Speedwell | cteold,odaiin,otol,ydaiin |
| | | f37v European Aspen | qotol,qotoldy,todain |
| | | f43r Creeping or Cursed Buttercup | odain,old,otolol,tarodaiin,toldy,ytol |
| | | f44v Colocynth | odaiin,otol,otoldy |
| | | f51v Juniper | ceeodain,ceodaiin,cseodaiin,fold,qodaiin,qotol,todaiin |
| | | f52r Pasqueflower | koldal,qofydaiin,ytoldy |
| | | f53v | cseodaiin,odaiin,otoldy,todaiin,yctеodaiin,ydaiin |
| | | f54r Woundwort (Stachys) | cteeotol,koldy,okeodaiin,oldam,otol,podaiin,ytodaiin |
| | | f87v Lousewort & Primrose | old,oldar,otol,yteodain |
| #8 (ykyd) | Line 2 #1-3 (ceol cees, otorain, okaiin dan) | f9r European Holly | koraiin,okain,oraiin,qotod |
| | Categories: [yo]kai0-4n, oke0-4y, orai0-4n, [yo]te4or, od endings, otor variants | f33v Maces | dyky,okaiin,okain,orain |
| | | f36r Sycamore/Maple Composite | okaiin,qorain,yd,ykaiiin |
| | | f39r Fumitory #1 | cseyky,orain,qokaiin,ykaiin,ykeey |
| | | f49v Liverwort (Ranunculus #4) | ceokaiin,ceokoran,kod,okeod,qokceod |
| #9 (ykocfey) | Line 3 #1-3 (saldam, sydarary, ydcpody) | f8r Libbards Bane Candidate #1 | ceodar,ceoto,cfeodar |
| | Categories: o[fptk]o, odc-Nouns, cfe4[yo], ai0-4[dlrsmg][dlrsmg], dairol/soral relatives, yodai0-4r | f23r Agrimony Candidate #2 | dalory,pydcedom,ykyko |
| | | f23v Borage | cseoaldy,oaldary,podairol,qoto |
| | | f24v Daylily (Hemerocallis) | odceees,tceodar,ydals |
| | | f26r Black Alder | aldy,odaiir |
| | | f90r1 Scabious or Carthamus | darala,lkaldy,oko,qodar,ydar,ykodar |
| **f89r2** | | | |
| #10 (odory) | Line 1 #1-4 (doly, ofceor am, sal oiin cseol, ofceeor) | f9r European Holly | ceokoiin,cfeodoral,okoiin,toiin |
| | Categories: odo, oly, oi, ofc + e4 + y \| dy \| o + [lr] Superset | f17v Smilax | doiir,pceodol,pois,qokoiir |
| | | f30r Lily of the Valley | doiin,keeodol,soiin,soin |
| | | f96r Black Hellebore | ceodol,cseodol,oiir,otceodor |
| #11 (otoldy) | Line 2 #1-2 (otol cseol dy, ofcear oiin) | f4v Rampion | okoiin,otoiin,pceooiin,qotceoiin,qotol |
| | Categories: oi, [yo]te4ol, cear variants, otol variants | f9r European Holly | ceokoiin,okoiin,qotol,toiin,ytol |
| | | f14r Black Salsify or Vipers Grass | cseoiin,koiin,oir,qotolo,soiiin |
| | | f20r Vipers Bugloss | ceoiin,ceotol,cseoiin,otol,qotol |
| | | f22r Crimson Clover | cteoiin,doiiin,doiin,doroiin,oiin,otoldy |
| | | f28v Citron Digitata | ceoiin,cseoiin,otol,pceoiiin,qooiiin,qotol,tcseoiin |
| | | f32r Basil | doiin,doiir,fceoiin,otol,qotol |
| | | f37v European Aspen | ceoiin,ceon,otoiin,qokceon,qokoiiin,qotoiin,qotol,qotoldy,soiiin,soiin,sotoiiin,ytoiin |

| | | | |
|---|---|---|---|
| #12 (korain y) | Line 3 #1-5 (sodar, ceey s, ceeody, ofor ain, okcsed ceos) | f26r Black Alder | ceofo,odaiir,qokcedy |
| | Categories: [yo]fa, [yo]fo, orai0-4n, yodai0-4r, [yo][fptk]ce4d, okce0-4dy | f26v Alder Relative | odar,okcedy,qodary |
| | | f34r Cowbane | ceodar,qokcedy,yfody,ykcedy |
| | | f40r Carnation Type #2 | keodar,qokced |
| | | f40v Vampirecup Infection of Colchicum | qokceedy,todar |
| | | f41r Spikenard (not Ploughman's) | qodar,ypced |
| | | f43v Motherwort & Snakeweed/Easter Ledges | qokceedy,yfor |
| | | f53r | sodar,ykcedy,ykeodar |
| | | f55r Geranium/Herb Robert | odar,okced,qokcedy |
| | | f57r Licebane/Blue Field Madder | odair,oforam,okcedy |
| | | f93r Scabwort or Middle/Common Fleabane | cteodar,otodar,qotced,sodar,ykced |
| | | f94v Orris Root | okcedy,qodar,qokcedy,qokceedy,qokcsed |
| #13 (okain y orain) | Line 4 #1-4 (ofakal, otal sy, ytas am, otolarol) | f3r Sawtooth Spurge | otal,qoraiin,tcseeoarom f40v Vampirecup Infection of Colchicum |
| | Categories:[yo]fa, otal variants, otar variants, okol variants, oke4ol, [yo]kai0-4n, orai0-4n, aro[dlrsmg], [yo]ke4ol | f33v Maces | okaiin,okain,orain,otal |
| | | f39r Fumitory #1 | orain,otal,qokaiin,ykaiin |
| | | f39v Carnation Type #1 or Morning Glory/Bindweed | cseeykaiiin,fdykain,okaiin,okain,otal,qokaiin,qokain,sarol |
| | | f42r Sorrel and Wood Sorrel | ceokaiin,doraiiin,ofaiin |
| | | f50v Alpine Snowbell | arod,ofar,okaiin,okain |
| | | f51v Juniper | dykaiin,qotal,yfal,ytal |
| | | f55r Geranium/Herb Robert | arod,okaiin,okain,otal,otaldiin,qofair,qokaiin |
| | | f55v Turmeric or Clove | keeyfar,okaiin,orain,qokaiin,ykaiin,ykain,ykan |
| | | f65v | okaiin,otal,qotal,ykofar |
| | | f95v2 Common Baneberry/Toadroot | okaiin,okain,otalain,qofaiin,qokan |
| | | f95v1 Hollyhock | cseoyfar,okaiin,okain,otal,otaldy,qokaiin,qokain |
| **f89v2** | | | |
| #14 (ceocedy) | Line 1 #1-5 (okaiil, dar ceeos, ceokaro, cseeol, ceokam) | f31v Disambiguation of Foxglove/Throatwort | ceeokar,ockeedy,okal,okam |
| | Categories: okar variants, okal variants, okam variants, [yo]c + e4dy | f33r Henbane | okal,okaldy,qofockedy,qokaldy,qokar,ykam |
| | | f34v Pomegranate | dyceedy,okal,okam,qokar,ykar |
| | | f39r Fumitory #1 | okair,okalceeg,okam,qockedy,qokal,qokaldar,qokam,ykal,ykar |
| | | f43v Motherwort & Snakeweed/Easter Ledges | oceedy,okaldy,okam,okar,qocteedy,qokar,ykar |
| | | f46r Flea Seed (Plantago/Plantain Composite) | ocfeedy,okal,qokaldy,qokam,qokar,ykal,ykar |
| #15 (okory) | Line 2 #1-3 (otair ceody, dykaran, opceedey) | f9r European Holly | okaiir,okor,otar |
| | Categories: okar variants, otar variants, [yo]ke4or, okor variants, opce0-4dy | f23r Agrimony Candidate #2 | okaiir,okar,ykor,yteair |
| | | f31v Disambiguation of Foxglove/Throatwort | ceeokar,okor,otar |
| | | f34r Cowbane | okor,qokar,ytar |
| | | f34v Pomegranate | otar,qokar,**qopcedy**,ykar,**ypcedy** |
| | | f39v Carnation Type #1 or Morning Glory/Bindweed | oekar,okar,otar,qokar,ykar,ytedykor |
| | | f43r Creeping or Cursed Buttercup | ceokor,**opcedy**,otary,qotar,ykor |
| | | f46v Greater Fleabane | **opceedy**,otar,qokar,ykaiir,ykar,ytair |
| | | f48v Bulbous Buttercup (Ranunculus #2) | okar,otar,qokar,tokar,**ypceedy**,ytar |
| | | f50v Alpine Snowbell | okair,okar,**opceedy**,otar,ykar,ykor |
| | | f94v Orris Root | **opcedy**,otar,qokar,qotar,ytar |
| | | f95r2 Fumitory #2 | okar,okor,otar,qokar,**qopcedy**,qotar |
| #16 (opal oiiir y) | Line 3 #1-4 (otor am, cetcey, odg oky sad oy, dair okoy) | f4v Rampion | kceoy,okoiin,otoiin,otor,pceooiin,qokoy,qotceoiin,ytceoy |
| | Categories: [yo]pa, oi, otor variants, [yo]te4or, g, oy + oe4y, oke0-4y, c-sequence + e4 + [fptk] + c-sequence + e4 + y | f5v Mallow | dg,qotor,yloiin,ytoiin,ytor |
| | | f9r European Holly | ceokoiin,okoiin,otoy,oykeey,toiin,ytor |
| | | f9v Viola Tricolor (Pansy) | ceoy,qotor,soiin |
| | | f10r Chicory/Endive | doiir,otor,oykceor,qotor,ytoiin |
| | | f14v Wood Betony | cteoldg,oykcsey,pdyceoiin |
| | | f17v Smilax | ceoy,doiir,otor,oy,oytor,pois,qokoiir |
| | | f18v "koldarod" Agrimony Candidate #1 | cpeoy,g,qotor,ytdg,ytor |
| | | f20v Asphodeline | ceoiin,cseeoy,doiiin,okoiin,okoy,otor |
| | | f23v Borage | doroiin,g,oiin,oloiir,otor,qotceotor |
| | | f30v Spindle or Dogs Mercury | doiin,oycsey,ytor |
| | | f36r Sycamore/Maple Composite | ceytaroiin,gaiin,qoypceol,soiin,ytorory |
| | | f49r Lesser Celandine (Ranunculus #3) | ceoiin,ceoroiin,oy,qotor |
| | | f52v Scorpion Weed/Tail (Heliotrope) | cseoloiin,g,ytor |
| | | f87v Lousewort & Primrose | ceeoy,cseoeey,g,qokeog,soiin |
| | | f93r Scabwort or Middle/Common Fleabane | g,opalefom,otor |
| | | f96v Black Bryony | dteodoiin,opar,soy |
| **f89v1** | | | |
| #17 (okor aldy) | Line 1 #1-3 (otockey, otceair, dar cseody) | f6v Ricin | ceockey,okor,ooceockey,qokor |
| | Categories: ai0-4[dlrsmg][dlrsmg], cear varaints, ote0-4y, ocke4y, okor variants, [yo]ke4or | **f13r Rhubarb** | **daldy,okorory,ykor** |
| | | f13v Honeysuckle | okald,qockey |
| | | f14r Black Salsify or Vipers Grass | ockey,okor |
| | | **f17r Aristolochia Lanceolata** | **cpealdy,okor** |
| | | f22r Crimson Clover | okor,qockey |
| | | **f23v Borage** | **cseoaldy,oaldary,qokor** |
| | | f34r Cowbane | kaldaiin,okor |
| | | f38r Rhinanthus - Alpine Rattlespot | ceockey,ceokokor,okor,qokor |
| | | **f43r Creeping or Cursed Buttercup** | **ceokor,okaldy,ykor** |
| | | f43v Motherwort & Snakeweed/Easter Ledges | aldar,daldar,kaldy,ockey,okaldy |
| | | f45v Lavender | olald,qockey |
| | | f46r Flea Seed (Plantago/Plantain Composite) | cseeockey,kaldy |

| | | | |
|---|---|---|---|
| | | f48r Buttercup #1 "dairokoy" (Ranunculus #1) | ceeockey,daldy |
| | | f51r Phryne or German Madwort | aldy,qockeey |
| | | f51v Juniper | ceockeey,oceockey,okor,qockey |
| | | f54v | aldam,qockeey,qockey,yckeey |
| | | f87r Fleawort | aldy,saldal,tockey |
| | | **f90r1 Scabious or Carthamus** | **ceockey,llaldy,olor** |
| | | f90r2 Pennywort Composite | qockeey,qokor |
| | | f93r Scabwort or Middle/Common Fleabane | okor,qokor,yceockey |
| #18 (koeeorair) | #4-6 (otos cseos, opol olaiin, opal daiin) | f3r Sawtooth Spurge | oporar,qopal,qopol,qoraiin |
| | Categories: [yo]pa, [yo]po, oo + oe4o, ora, otos variants, olai0-4n, [yo]te4os | f17r Aristolochia Lanceolata | olaiin,ypaim,ypod |
| | | f24v Daylily (Hemerocallis) | ocpeoraiin,opom,oraiin |
| | | f31v Disambiguation of Foxglove/Throatwort | oeeeos,opal,oraiin |
| | | f33v Maces | olaiin,oor,orain,oram,porar |
| | | f42r Sorrel and Wood Sorrel | doraiin,qopor |
| | | f48r Buttercup #1 "dairokoy" (Ranunculus #1) | olaiin,opaldy |
| | | f50r Drosera Species | olaiin,opal |
| | | f55r Geranium/Herb Robert | cedolaiin,orai |
| | | f65v | cseeopam,yceoopy |
| | | f90v2 Tansy or Hairy Fleabane | opol,qokoor |
| | | f94r Moonwort | olaiin,opais,opary |
| | | f96v Black Bryony | opar,oral |
| **f99r** | | | |
| #19 (okar am og) | #1-12 (okary, darar, oky, daly, oroair, okor, salol, skeeal, okary, okolo, otalag, otaldy) | f16r Hyssop (or Cannabis) | ceoky,doal,dtoaiin,dyky,orom,qokol,qoky,tceoky,toror,ykair,yky |
| | Categories: g, oe0-4o, oro, oa, oke0-4y, okol variants, [yo]ke4ol, [yo]ke4or, okor variants, otal variants, okar variants, a[lr][ao][lr], [fptk\| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | f17v Smilax | koaiin,oal,oekor,okar,okeeey,okeey,okol,qoaiin,qoain,qokeee,qokeey,qokoiir,ykeey |
| | | f18v "koldarod" Agrimony Candidate #1 | doky,g,oaiin,qokol,qoky,ykar,ykol,ytdg |
| | | f23r Agrimony Candidate #2 | g,okaiir,okar,okol,opyaiin,qoaiin,qokeey,qokol,qokoldy,ykor,yky |
| | | f33v Maces | dyky,lceoar,okar,okardy,okary,oky,otal,qokor,tokar,ykar |
| | | f40r Carnation Type #2 | cseokor,lokar,okair,okar,okol,okoldy,oky,qokar,qokol,qoky,toar,yaiin |
| | | f45v Lavender | ceeg,oaiir,okol,okolor,oky,qokey,ykar |
| | | f50v Alpine Snowbell | ceoky,okair,okar,oky,qoain,qokol,ykar,ykeeey,ykor |
| | | f51v Juniper | cseokog,okor,otykol,qokey,qokol,qotal,yceeoky,ykeey,ykol,ytal |
| | | f54v | oaiin,oky,qokar,qokeey,yair,ykar,ykoldam,ytal |
| | | f55r Geranium/Herb Robert | dceykey,oain,oas,okair,okar,okeey,okol,orol,otal,otaldiin,qokar,ykaiir,ykair,ykar |
| | | f65v | okag,otal,qokar,qokol,qoky,qotal |
| | | f94r Moonwort | ceoky,oar,okair,okar,oky,otalaiin,otaly,qokair,qokol,qoky,ykaro |
| #20 (opasal) | #13-19 (oaso, aloly, oarar, oeoky, oky, okeoly yteold, oeeotoey) | f3r Sawtooth Spurge | okeey,oky,oteol,qokeey,qopal,qoteol,tcseeoarom |
| | Categories: ocke4y, oe0-4o, [yo]pa, oa, oke0-4y, okol variants, [yo]ke4ol, [yo]te4ol, otol variants, oy + oe4y, a[lr][ao][lr] | f3v Mugwort/Wormwood Subtype (not Vulgaris) | cteodoaly,koaiin,oey,okeol,qoteeol,qotoy,yloaiin |
| | | f4v Rampion | ceoaiin,ceoteol,ceykey,cseoky,kceoy,oar,okeol,qokoy,ytceoy |
| | | f17v Smilax | ceoy,koaiin,oal,okeeey,okeeol,okeey,okeol,oteol,oy,oytor,qoaiin,qoain,qokeee,qokeey,ykeey |
| | | f20r Vipers Bugloss | ceokoaiin,ceoky,ceoteol,oceoaiin,qotoeey,toy |
| | | f21r Paper/Sun Spurge (Wartwort) or Rupturewort | okeoaiin,oky,qokeol,qoteeol,ykeey,yteol |
| | | f31v Disambiguation of Foxglove/Throatwort | ceeeoy,cseoar,okeey,okeol,okey,oky,opal,oteol |
| | | f41v Apiaceae Umbelliferae | ceoy,keoy,okeey,okey,oteol,qoteol,ykeeol,ykeey |
| | | f43v Motherwort & Snakeweed/Easter Ledges | ceoal,oky,oloaiin,oteol,oykeedy,qokeey,qoky |
| | | f48r Buttercup #1 "dairokoy" (Ranunculus #1) | cseeokeol,okeoam,okey,opaldy,oteol,oteoly,qokeol,ykeey,yteeol |
| | | f90v1 Hedge Mustard | ceeokeey,oeey,okeeey,okeeol,oteol,qokeeoky,qoky,ykeeol |
| | | f90v2 Tansy or Hairy Fleabane | ceoy,okeeey,oteeol,qoar,qokeey,qokeol,ykeeol,ykeey |
| | | f93r Scabwort or Middle/Common Fleabane | cseeoky,oain,oar,okeol,opalefom,oteol |
| #21 (toseoldy) | #20-26 (okos, oekey, dar, oeockeey, sceey et saiiiny, sary, dag) | f13v Honeysuckle | okos,qocky |
| | Categories: ola, oe0-4o, [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix, okos variants, sc-initial, o[fptk]edai4n, ocke4y, g, oro, os, oke0-4y | f14r Black Salsify or Vipers Grass | ceodalg,ockey |
| | | f51v Juniper | ceockeey,cseokog,dsceeey,oceockey,qockey |
| | | f87v Lousewort & Primrose | g,qokeog,sceey,scte,yceeockey |
| | | f93r Scabwort or Middle/Common Fleabane | g,yceockey |
| #22 (yteoldy) | #27 Black Bryony #2 (tols asy) | f3r Sawtooth Spurge | oteol,qoteol,sols |
| | Categories: ols, [yo]te4ol, otol variants, [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | f39r Fumitory #1 | oteol,ykeols |
| | | f41v Apiaceae Umbelliferae | cseeols,oteol,qoteol |
| | | f42v European Columbine | cseols,oteol |
| | | f46r Flea Seed (Plantago/Plantain Composite) | cseeoteoly,ols,qoteol |
| | | f90v2 Tansy or Hairy Fleabane | olols,oteeol |
| | | f90v1 Hedge Mustard | oleees,oteol |
| | | f93r Scabwort or Middle/Common Fleabane | ceotols,oteol,teols |
| **f99v** | | | |
| #23 (okaragy) | #1 Lupinus Albus? #2-8 (otoldy, otor cey, oldy, das asy, otaly, olsy, arol, otoky) | f3r Sawtooth Spurge | otal,otol,pceeoldom,sols |
| | Categories: otal variants, otol variants, [yo]te4ol,otor variants, [yo]te4or,ols, old, aro[dlrsmg], oke4y, [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix, okar variants | f8r Libbards Bane Candidate #1 | ceotol,koltoldy,okar,qokar,qotor |
| | | f9r European Holly | dcseoldy,okaiir,qotol,ytol,ytor |
| | | f9v Viola Tricolor (Pansy) | otal,otol,qotor,toldy,ytoldy |
| | | f13v Honeysuckle | foldaiin,ols,otal,otol,ytal |
| | | f18v "koldarod" Agrimony Candidate #1 | qotor,told,ykar,ytol,ytor |
| | | f23v Borage | oldaiin,oldal,oldar,olols,ols,olsar,otol,otor,qotceotor |
| | | f33r Henbane | oldor,otal,otor,qokar,qotor,yfoldy |
| | | f36r Sycamore/Maple Composite | dolsain,qooldy,qotol,sold,ytorory |
| | | f37v European Aspen | cteols,dytory,qotol,qotoldy,qotor,ykeeols |
| | | f39r Fumitory #1 | dold,okair,otal,ykar,ykeols,ytor |
| | | f42r Sorrel and Wood Sorrel | ceotor,cseotol,kolsceees,otol,qokar,qotor |

| | | | |
|---|---|---|---|
| | | f44v Colocynth | otal,otol,otoldy,qotor |
| | | f45v Lavender | dceoldy,otor,qotol,ykar |
| | | f46r Flea Seed (Plantago/Plantain Composite) | aloldy,ols,qokar,ykar,ytaly |
| | | f48v Bulbous Buttercup (Ranunculus #2) | loldy,okar,oldy,otal,otoldy,otoly,qokar,tokar |
| | | f52v Scorpion Weed/Tail (Heliotrope) | qoekar,sols,ytol,ytor |
| #24 (okoldody) | #9 Lupinus Albus? #10-14 (oeees ary, daiiino, dary, saiiino, otolsar, osary) | f3r Sawtooth Spurge | okol,otol,qokol,qosceodam,sols |
| | Categories:oe0-4s, otol variants, [yo]te4ol,[yo]ke4ol,ols, osa, okol variants, dody, [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | f20r Vipers Bugloss | ceoees,ceokoldy,ceotol,cseosaiin,otol,qotol |
| | | f30v Spindle or Dogs Mercury | ceeotol,ceokol,cseosaiin,sos |
| | | f34r Cowbane | dody,qotol,ysair |
| | | f37v European Aspen | cteols,osceo,qotol,qotoldy,ykeeols,ykol |
| | | f42r Sorrel and Wood Sorrel | cseotol,kolsceees,okol,os,otol |
| | | f46r Flea Seed (Plantago/Plantain Composite) | ols,osaiin,qokol |
| | | f90v1 Hedge Mustard | cseokol,keeos,kos,oleees,otol,ytol |
| | | f93r Scabwort or Middle/Common Fleabane | ceotols,cseeoees,cseotol,los,osos,otol,qokol,teols,ysaiin |
| | | f96v Black Bryony | cteeodody,os,otol,sosar,ysarasod |
| #25 (darol aly) | #15-19 (okecey otal, ceor olekor, okeodor, olky, doldam) | f34v Pomegranate | ceeceey,ceolky,okcey,oldaiin,oldam,oldar,qokcey,qoldar,ytal |
| | Categories: olk, old, odo, otal variants, [yo]ke4od, ece polygraph, okce0-4y, aro[dlrsmg], [fptk\| dlrsmg] + ai4[dlrsmg \| n] + y-suffix | f39r Fumitory #1 | ceolkal,cseeolkedy,cseockecey,dold,odor,olkaiin,otal,qolkain |
| | | f41v Apiaceae Umbelliferae | okeody,old,olkeeo,qokeody,qotal,ykeeody |
| | | f43r Creeping or Cursed Buttercup | ceeolkeepcey,cseodody,old,olky,qeokcey,qotaly,toldy,ykeody |
| | | f44v Colocynth | otal,otoldy,qokcey,yolkol |
| | | f46r Flea Seed (Plantago/Plantain Composite) | aloldy,cseolkal,cseolkcsey,olkeody,tecey,ytaly |
| | | f48r Buttercup #1 "dairokoy" (Ranunculus #1) | keceodcseey,lolkeol,lotal,okeody,otal,tolkeol,ykeeodam,ykeeody,yteceed |
| | | f51v Juniper | cseodol,fold,olkeeody,qotal,ytal |
| | | f55v Turmeric or Clove | okeody,oldy,olkeecey,qokcey |
| | | f95v1 Hollyhock | dolkain,dolkcey,okcseey,okcsey,olkcedy,otal,otaldy,qokcse,qokcsey,qokeeod |
| #26 (oralar) | #20 Bladderwort (koleearol) | f8v Comfrey | dolar,sorain |
| | Categories; aro[dlrsmg], ola, ora | f33v Maces | olaiin,orain,oram,porar |
| | | f39r Fumitory #1 | ceolal,olaiin,orain,qolain |
| | | f39v Carnation Type #1 or Morning Glory/Bindweed | olaiir,oraly,sarol |
| | | f40r Carnation Type #2 | olaiin,oraiin,orain |
| | | f40v Vampirecup Infection of Colchicum | arody,arol,oraiin,solaiin |
| | | f45v Lavender | korary,olald |
| | | f55r Geranium/Herb Robert | arod,cedolaiin,orai |
| **f100r** | | | |
| #27 (ceos ar ocseol) | #1-11 (soceor cfey, otear, ceofary, sarcear, daiiin dy, oraro, ceal sain, soity, sosam, dakocke, dofam) | f6v Ricin | **ceockey**,cseocteol,oceoly,**ooceockey**,ysar |
| | Categories:o + c \| cs + e4o[lr], otar variants, ora, oi, osa, ocke4y, cfe4[yo], ceal variants, cear variants, [yo]fa | f9r European Holly | ceokoiin,cfeodoral,okoiin,toiin, otar |
| | | f9v Viola Tricolor (Pansy) | foceor,qoceol,soiin |
| | | f10r Chicory/Endive | cfey,doiir,osain,qocteoly,ytoiin, oqotar, otar |
| | | f20r Vipers Bugloss | ceoiin,cseoiin,cseosaiin,oceol,oceolcseod |
| | | f20v Asphodeline | **ceeockey**,**ceockey**,ceoiin,ceoraly,doiiin,okoiin |
| | | f22r Crimson Clover | cfey,cteoiin,doiiin,doiin,doroiin,oiin,oraiino, qockey |
| | | f24r Silene Latifolia | ceeoiin,qocteol,**qotar** |
| | | f24v Daylily (Hemerocallis) | doiir,ocpeoraiin,octeol,oraiin,toceol, otaiir |
| | | f35r Umbrella Liverwort | cseosaiin,oceor,qokoiin |
| | | f36r Sycamore/Maple Composite | **ceytaroiin**,oral,**otaro**,qorain,soiin |
| | | f36v Galium Aparine (Cleavers) | ckeoiin,oceor,**otar**,**qota**r,soiin,**ytar** |
| | | f37r Danewort (Sambucus Ebulus) | koiin,okceoceor,tocpeol,ykoiin |
| | | f38r Rhinanthus - Alpine Rattlespot | ceoceor,**ceockey**,ceoiin,ytoiin |
| | | f39v Carnation Type #1 or Morning Glory/Bindweed | **ockey**,oraly,**otar** |
| | | f40v Vampirecup Infection of Colchicum | **ockey**,ofair,oraiin |
| | | f42r Sorrel and Wood Sorrel | **ceockey**,**ceotar**,ctoiin,doraiiin,ofaiin |
| | | f43r Creeping or Cursed Buttercup | cseoceol,**otary**,qoiiin,**qotar** |
| | | f44r Purslane | oracpey,**qockey**,roiry |
| | | f45v Lavender | ceoiin,doiin,korary,**qockey** |
| | | f54v | oiin,**qockeey**,**qockey**,qocteeol,**yckeey** |
| | | f55r Geranium/Herb Robert | oiiin,orai,qofair, ockey, otar |
| | | f55v Turmeric or Clove | keeyfar,orain,**otar**,**otarceo** |
| | | f87r Fleawort | cseocpeor,qockeeol,soraiin,ypceocpeeosaiin,ysaiin, tockey |
| | | f90v1 Hedge Mustard | ceockeor,doiin,**qockey** |
| | | f93r Scabwort or Middle/Common Fleabane | **ceotar**,cteocseol,oceol,**yceockey**,ysaiin |
| | | f94r Moonwort | osain,**otar**,**oxockeey**,**qotar** |
| | | f95r2 Fumitory #2 | ofar,**otar**,poiin,**qotar** |
| | | f96v Black Bryony | dteodoiin,oral,sosar,ysarasod |
| #28 (cseockeey) | #12-15, #16 Mugwort Variety?(okeeosorol, ol ceom, okols, oteol) | f3r Sawtooth Spurge | ceom,cseom,cteom,oteol,qoteol,sols |
| | Categories: [fptk \| dlrsmg] + c \| c[s \| fptk] + e4om, oro, okol, ols, [yo]te4ol, [yo]ke4os, ocke4y | f28r Smearwort/Adders Tongue Relative | cseockey,kceoror,yteol |
| | | f31v Disambiguation of Foxglove/Throatwort | ceeom,okeeos,okeos,oteol,ykeos |
| | | f36r Sycamore/Maple Composite | dolsain,fceom,ytorory |
| | | f42r Sorrel and Wood Sorrel | ceockey,ceoro*,kolsceees |
| | | f46r Flea Seed (Plantago/Plantain Composite) | cseeockey,cseeoteoly,ols,qoteol |
| | | f90r1 Scabious or Carthamus | ceockey,cseeom,cteom,okeos,qokeos |
| | | f90v2 Tansy or Hairy Fleabane | cseeom,olols,oteeol |
| | | f90v1 Hedge Mustard | oleees,oteol,qockey |
| | | f93r Scabwort or Middle/Common Fleabane | ceotols,oteol,teols,yceockey |
| **f100v** | | | |

| | | | |
|---|---|---|---|
| #29 (unlabeled) | #1-4, #5 Vipers Tongue, #7 Resembles a Philodendron, #9 Broccoli? #10-11, #12-13 Pine? (tolcedceols, opoeor, solsy, soleeesos, ykceocedy, ykcedy, dcedy, dalsy, okceeor, ytceol, dykceal, ceos ctearal) | f3r Sawtooth Spurge | otceol,qokceor,ols |
| | Categories: oe0-4o, [yo]lc, ols, oe0-4s, [yo]c + e4dy, okce0-4dy, dcedy relatives, okc + e4or, otc + e4ol, ceal variants, cear variants | f24v Daylily (Hemerocallis) | dlos,ocedy,oesearees,okoeos,otceol |
| | | f34v Pomegranate | dyceedy,loees,okcedy,qokcedy |
| | | f37v European Aspen | cteols,osceo,sokceor,ykeeols |
| | | f39r Fumitory #1 | dcedy,dcsedy,qockedy,ykeols |
| | | f42r Sorrel and Wood Sorrel | kolsceees,os,otceol |
| | | f44r Purslane | dyeees,koees,os,otceol,qokceor,ytceol |
| | | f46r Flea Seed (Plantago/Plantain Composite) | ocfeedy,ols,qokcedy |
| | | f46v Greater Fleabane | ceockedy,dceedy,tos,ykcedy |
| | | f48v Bulbous Buttercup (Ranunculus #2) | dceedy,dcseedy,los,qocteedy |
| | | f49r Lesser Celandine (Ranunculus #3) | ceotceeol,qolsor,qotceol |
| | | f50v Alpine Snowbell | dceedy,okcedy,ols,poceedy,qokcedy |
| | | f93r Scabwort or Middle/Common Fleabane | ceotols,cseeoees,los,okceeor,teols |
| **f101r1-2** | | | |
| #30-32 (unlabeled) | f101r1 #1-29 (unlabeled) | | |
| **f101v2-v1** | | | |
| #33 (unlabeled) | f101v2 #1-4 (rair aly, otaldy, otal, yta*y), f101v1 #1-5 (dokor, orar, otarar, otoly, soraly) | f9r European Holly | cfeodoral,otar,qotol,ytol |
| | Categories: ora, okol variants, otol variants, otar variants, otal variants, rai4n | f19v Nailwort/Hairy Forked Chickweed | qotol,ytal,ytar,ytol |
| | | f34v Pomegranate | orair,otar,ytal |
| | | f36r Sycamore/Maple Composite | ceytaroiin,oral,otaro,qqotol |
| | | f39v Carnation Type #1 or Morning Glory/Bindweed | oraly,otal,otar |
| | | f42r Sorrel and Wood Sorrel | ceotar,cseotol,otol |
| | | f43r Creeping or Cursed Buttercup | otary,otolol,qotaly,qotar,ytol |
| | | f47v Lungwort | ceeotar,otald,qotol |
| | | f48r Buttercup #1 "dairokoy" (Ranunculus #1) | lotal,otal,otolcees,qotar,qotol |
| | | f48v Bulbous Buttercup (Ranunculus #2) | otal,otar,otoldy,otoly,ytar |
| | | f55r Geranium/Herb Robert | orai,otal,otaldiin,otar,otol |
| | | f55v Turmeric or Clove | otar,otarceo,otol |
| #34 (unlabeled) | f101v2 #5-7 (okol, aroj, oras am), f101v2 #8 (unlabeled), f101v1 #6-10 (dytoly, olkor, dolary, odor, olaran) | f9r European Holly | **cfeodoral**,qotol,ytol |
| | Categories: ora, okol variants, otol variants, olar, olk, odo | f43r Creeping or Cursed Buttercup | ceeolkeepcey,cseodody,olky,otolol,qokol,ykolor,ytol |
| | | f44r Purslane | kcseotol,oracpey,otol,otoloaiin,ykol |
| | | f44v Colocynth | okol,otol,otoldy,yolkol |
| | | f45v Lavender | korary,okol,okolor,qotol |
| | | f90v1 Hedge Mustard | cseokol,olkaiin,otol,ytol |
| | | f93r Scabwort or Middle/Common Fleabane | ceotols,cseotol,odol,olkees,otol,qokol |
| | | f94r Moonwort | ceolky,odor,olkaiin,olkain,olkcedy,olkeedy,olkeody,qokol |
| | | f95r2 Fumitory #2 | olkor,olky,otol,qokol |
| | | f96r Black Hellebore | ceodol,cseodol,okol,otceodor,ytol |
| | | f96v Black Bryony | cteeodody,dteodoiin,oral,otol |
| | | f16r Hyssop (or Cannabis) | otol,qokol,ydor |
| | | f24v Daylily (Hemerocallis) | cseokol,odor,otol,otolodal,qodom |
| | | f36r Sycamore/Maple Composite | okol,oral,qotol |
| | | f51v Juniper | cseodol,olkeeody,otykol,qokol,qotol,ykol |
| | | f55r Geranium/Herb Robert | ceeolkedy,okol,olkam,olkar,orai,otol |
| #35 (unlabeled) | f101v2 #9-13, f101v1 #11-15 (unlabeled) | | |
| **f102r1** | | | |
| #36 (dolrod) | #1 Capparis Spinosa? (otodeeodor) | f9r European Holly | cfeodoral,dor,qotod |
| | Categories: ols, otod variants, odo, do | f16r Hyssop (or Cannabis) | doal,dor,otody,ydor |
| | | f43r Creeping or Cursed Buttercup | cseodody,dor,qotody |
| | | f65v | dokal,dol,dor,kotody,okeodof,ytody |
| | | f93r Scabwort or Middle/Common Fleabane | dol,odol,otodar,qotodain |
| | | f94r Moonwort | dor,odor,otody |
| #37 (okolaly) | #2 Water Hemlock Dropwort (or Parsnips) (unlabeled)<br>Categories: [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix, okol variants, [yo]ke4ol | | |
| #38 (doaro cse) | #3 European Aspen, #4 Variety of Nightshade (ledy doto) | f1v Nightshade/Belladonna | cpeoal,do,dol,dolceey,dolo,otoaiin,yteey |
| | Categories: Detached Class Modifiers, ote0-4y, oa, do, old | f37v European Aspen | do,dor,dotody,qotoldy |
| | | f9r European Holly | dayty,dcseoldy,pcseoain |
| | | f9v Viola Tricolor (Pansy) | ceyty,kyty,qoaiin,toldy,ytey,ytoldy |
| | | f44v Colocynth | oain,otoldy,otykeey |
| | | f55v Turmeric or Clove | ceeoar,oaiin,oldy,qoaiin,yteey |
| **f102r2** | | | |
| #39 (*odaiig) | #1 Lungwort, #2 Tormentil (unlabeled) | f6r Hawkweed/Hawksbeard | odam |
| | Categories: yodai0-4m, [yo][fptk\| dlrsmg][ao]g | f24v Daylily (Hemerocallis) | odaiim |
| | | f26r Black Alder | odam |
| | | f50r Drosera Species | odam |
| | | f51v Juniper | cseokog |
| | | f52r Pasqueflower | odaim |
| | | f53v | odam |
| | | f54v | odaim |
| | | f65v | okag |
| | | f90v1 Hedge Mustard | odaim |
| #40 (*****d) | f102r2 #3-7 (unlabeled) | | |
| #41 (do* toldy | #8 Agrimony, #9 (koldarod, odalyda*y) | f18v "koldarod" Agrimony Candidate #1 | daror,g,told,ytdg |

| | | | |
|---|---|---|---|
| y*e***al r***la**g*) | Categories: yodai0-4l, old, aro[dlrsmg], g | f18r Helichrysum "Snake Rose" | cseoldy,darodcef,doldaiin,doldy,g |
| | | f23r Agrimony Candidate #2 | fceoldy,g,odal,ololdy,qokoldy |
| | | f23v Borage | g,odaiiily,oldaiin,oldal,oldar |
| | | f34r Cowbane | amg,oldam,ololdy,todaly,ykceeg |
| | | f36r Sycamore/Maple Composite | gaiin,qooldy,sold,ytodaly |
| | | f39r Fumitory #1 | dold,odal,okalceeg |
| | | f45v Lavender | ceeg,dceoldy,odal |
| | | f48v Bulbous Buttercup (Ranunculus #2) | cpceeg,fceeodal,loldy,oldy,otoldy |
| | | f51v Juniper | cseolog,fold,qodal |
| | | f52r Pasqueflower | koldal,qodal,ytoldy |
| | | f87v Lousewort & Primrose | arolor,g,old,oldar,qokeog,qokodal |
| **f102v2** | | | |
| #42 Top, Bottom (porcseols, doaijy) | #1-3, #4 Blue Vitriol (Copper Sulfate), #5-10, #11 Pine? #12-14 (orar, cseor, dacey, okeos, otol, otosy, okad, otody, oeeor, okoroeey, opcey, darol, olsodar, tod) | f3r Sawtooth Spurge | oporar,otol,qodair,qoraiin,sols,tcseeoarom,ydar |
| | Categories: ora, okor variants, oy + oe0-4y, okad variants, otol variants, yodai0-4r, [yo]te4od, o[fptk]e4os, otod variants, faceys relatives, ols, opce0-4y, dairol/soral relatives, od endings, oa, or + c \| cs + e4o[lr] | f9r European Holly | ceodar,okor, pcseoain,qotod,qotol,ytol |
| | | f23v Borage | cseoaldy,oaldary,olols,ols,olsar,otol,podairol,qokor |
| | | f31v Disambiguation of Foxglove/Throatwort | acteedy,cseoar,okeeos,okeos,okor,podair,qotolceeo,ykeos |
| | | f33v Maces | lceoar,orain,oram,otody,porar,qokor |
| | | f34r Cowbane | cectackey,ceodar,okor,qod,qotol |
| | | f36r Sycamore/Maple Composite | dolsain,oral,podaiir,qorain,qotol,yd,ytodaly |
| | | f37v European Aspen | cpeorod,cteols,dotody,qotol,qotoldy,ykeeols,yokor |
| | | f39v Carnation Type #1 or Morning Glory/Bindweed | opcey,oraly,sarol,ytedykor,ytodaiin |
| | | f42v European Columbine | ceotody,ceotol,cseols,okor,otol,qokod,sarar |
| | | f43v Motherwort & Snakeweed/Easter Ledges | ceoal,oloaiin,oteod,oteos,ypceey |
| | | f44r Purslane | kcseotol,oair,opceey,oracpey,otol,otoloaiin,oyd,qopcey |
| | | f50v Alpine Snowbell | arod,ols,qoain,qod,ykor,ytcseeod |
| | | f51v Juniper | ceeodar,okor,qod,qokodar,qotol,ytody |
| | | f52v Scorpion Weed/Tail (Heliotrope) | ceeokor,odar,qotodaiin,sols,ykor,ytol |
| | | f54r Woundwort (Stachys) | cteeotol,korare,oaiin,okor,otol,qokor,ytodaiin |
| | | f87v Lousewort & Primrose | arolor,cpeodar,opceeey,oteos,otol,qoar,qokeod,saral,solceyd |
| | | f90r1 Scabious or Carthamus | darala,okaceey,okeos,okor,poleeol,qodar,qokeos,ydar,ykodar,ytod |
| | | f93r Scabwort or Middle/Common Fleabane | ceotols,cseotol,ctedar,oain,oar,okor,otodar,otol,qokor,qotodain,sodar,teols |
| | | f96v Black Bryony | dceeoteos,odar,oral,otol,teodar,ysarasod |
| #43 (okolly) | #15-19 (osair, acky, okeeoraiiin, okockey, o**) | f6v Ricin | ceockey,okol,ooceockey,ysar |
| | Categories: osa, [yo]ke4or, orai0-4n, olk, okol variants, ocke4y, faceys relatives | f22r Crimson Clover | okoly,oraiino,qockey,qokol |
| | | f23v Borage | okeeor,okol,qokol |
| | | f24r Silene Latifolia | daickey,okol,otacpey |
| | | f24v Daylily (Hemerocallis) | cseokol,ocpeoraiin,oraiin |
| | | f30v Spindle or Dogs Mercury | ceokeor,ceokol,cseosaiin,qokeeor |
| | | f34r Cowbane | cectackey,olk,ysair |
| | | f39r Fumitory #1 | ceolkal,cseeolkedy,olkaiin,orain,qolkain |
| | | f39v Carnation Type #1 or Morning Glory/Bindweed | ockey,olkaiin,olkedaiin,olky |
| | | f40r Carnation Type #2 | okol,okoldy,olkedy,oraiin,orain,qokol |
| | | f40v Vampirecup Infection of Colchicum | actey,ockey,okeor,oraiin,qokol |
| | | f41v Apiaceae Umbelliferae | olkeeo,orain,qokol |
| | | f42r Sorrel and Wood Sorrel | ceockey,doraiiin,okol |
| | | f44r Purslane | oracpey,qockey,ykol |
| | | f46r Flea Seed (Plantago/Plantain Composite) | cseeockey,cseolkal,cseolkcsey,olkeody,osaiin,qokol |
| | | f50r Drosera Species | olkady,olkais,olkceedy,orolkain,osam,solkaiin,solkcey |
| | | f51r Phryne or German Madwort | daiictey,okeor,okol,qockeey,qokol |
| | | f51v Juniper | ceockeey,oceockey,olkeeody,otykol,qockey,qokol,ykeor,ykol |
| | | f55r Geranium/Herb Robert | ceeolkedy,ockey,okol,olkam,olkar |
| | | f87r Fleawort | soraiin,tockey,ypceocpeeosaiin,ysaiin |
| | | f87v Lousewort & Primrose | yceeockey,ykeeor |
| | | f90r1 Scabious or Carthamus | ceockey,cseokol,okaceey,qokeor,qokol |
| | | f90r2 Pennywort Composite | cseokol,qockeey |
| | | f90v1 Hedge Mustard | bodacbeey,cseokol,olkaiin,qockey,qokeeor,ykeeor |
| | | f93r Scabwort or Middle/Common Fleabane | olkees,qokol,yceockey,ysaiin |
| | | f94r Moonwort | ceolky,olkaiin,olkain,olkcedy,olkeedy,olkeody,osain,oxockeey,qokol |
| | | f94v Orris Root | opceackey,ykol |
| | | f95v2 Common Baneberry/Toadroot | ceockey,olkaiin,olkain |
| | | f96r Black Hellebore | ceockey,cseeockey,cseockey,okol,ykeor |
| | | f96v Black Bryony | sosar,tockey,ysarasod |
| **f102v1** | | | |
| #44 (keoraiin) | #1, #2 "Syringes" Ipomoea Indica? #3-5 (ykeody, okeody, daisaly, ypory, opceytoy) | f3r Sawtooth Spurge | oporar,qopol,yteody |
| | Categories: dairol/soral relatives, oy + oe4y,dairol/soral relatives,oy + oe4y, opc + e0-4 + y \| dy \|o[dlrs]y, [yo]po, [yo][fptk]e4od + y | f4v Rampion | ceokeody,ceopcey,kceoy,okeody,qokoy,ytceoy |
| | | f9v Viola Tricolor (Pansy) | ceoy,oporody,qopcey,ypceeey,ypcey |
| | | f17r Aristolochia Lanceolata | soy,ypcey,ypod |
| | | f20r Vipers Bugloss | daral,opceey,qoteeody,qotoeey,toy |
| | | f21r Paper/Sun Spurge (Wartwort) or Rupturewort | ceokeody,qopceeody,ypceey |
| | | f24v Daylily (Hemerocallis) | ceoy,oeeey,opom |
| | | f41v Apiaceae Umbelliferae | ceoy,keoy,okeody,oteody,qokeody,ykeeody |
| | | f42v European Columbine | otoy,sarar |
| | | f43r Creeping or Cursed Buttercup | daral,opcedy,ykeody,yteody |

| | | | |
|---|---|---|---|
| | | f43v Motherwort & Snakeweed/Easter Ledges | dalor,okeody,opoldy,oteod,oteody, oykeedy,ykeody,ypceey |
| | | f53r | oytoyd,qoy,ykeeod |
| | | f53v | opod,qopcey |
| | | f87v Lousewort & Primrose | arolor,ceeoy,cseoeey,opceeey,qokeod,saral |
| | | f90r1 Scabious or Carthamus | darala,ykeody |
| | | f90r2 Pennywort Composite | oy,qokeod,qoteody,ykeeody |
| | | f90v2 Tansy or Hairy Fleabane | ceoy,opol |
| | | f90v1 Hedge Mustard | oeey,okeceod,okeeody,yteody |
| | | f93v White/Red Bryony | opcey,opor,yteeody |
| | | f95v1 Hollyhock | cseoyfar,qokeeod |
| | | f96v Black Bryony | soy,yteeody |
| #45 (***o**) | #6, #7 Valerian Composite, #8 (ypceoldy, losalody, opcedard) | f26v Alder Relative | tody,ysaiin |
| | Categories: osa, o[fptk]c + e0-4ol, opc + e4ol, cedar variants, [yo]dy endings | f94v Orris Root | ody,ypcedair |
| | | f94r Moonwort | osain |
| | | f46r Flea Seed (Plantago/Plantain Composite) | ody,osaiin |

Table 30.4: Pharmacological Canister Mappings for f67r2

| Hypothetical Zodiac Mapping | Figure # | Star Divider (Roughly) | Faces | Inner Quadrants | Outer Quadrants | Outer Ring | Isolated Associations | Clustered Mappings |
|---|---|---|---|---|---|---|---|---|
| Pisces | #10 | **sair** | **okadar** | | **todaiin** dain dy **os ceoar** aiin **ceoeey** sar dodaii* | ykces ykceos | f89r1 Line 1 #4 (arar ceodaiin) for #7<br>f99r #5 (oroair) for #19<br>f100v #5 (soleeesos) for #29 | f89v2 Line 3 #3-4 (odg oky sad oy, dair okoy) for #16<br>f99r #13, #15, #19, #25 (oaso, oarar, oeeotoey, sary) for #20<br><br>---------- f102r1-v1 foldout<br>Canister #38 f102r1 (doaro cse)<br>----------<br>Canister #42 f102v2 Bottom (doaiiy) & f102v2 #7, #10 (okad, okoroeey)<br>--------<br>f102v1 #5 (opceytoy) for #44 |
| Aquarius | #11 | | **qotoear** | dal csesody | **opo**dceol dain **aldy** socey **doiin oldy** | **ykceyr aram** | Canister #6 f88v (daram dal)<br>f89r1 Line 3 #1 (saldam) for #9<br>f89r2 Line 1 #3 (sal oiin cseol) for #10<br>f89r2 Line 2 #2 (ofcear oiin) for #11<br>Canister #16 f89v2 (opal oiiir y)<br>Canister #17 f89v1 (okor aldy)<br>f89v1 Line 2 #5 (opol olaiin) for #18<br>f99r #5 (oroair) for #19<br>f99v #3 (oldy) for #23<br>f99v #19 (doldam) for #25<br>f100r #8 (soity) for #27<br>f100v #3 (opoeor) for #29 | f88r Line 1 #2-3 (orald, oldar) for #1<br>Canister #7 f89r1 (okcecsey)<br>f89r1 Line 1 #2 (oldag) for #7<br>f99r #13, #15 (oaso, oarar) for #20<br>----------<br>Canister #38 f102r1 (doaro cse)<br>Canister #41 f102r2 (...toldy...)<br>f102r2 #8 (koldarod) for #41<br>Canister #42 f102v2 Bottom (doaiiy)<br>f102v1 #4 (ypory) for #44 |
| Capricorn | #12 | **soeor** | **dceodar** | | **odaiin otois oelain** y **otceoy sorais** dy qofcey daiin dal | ykeceo **ols eesydy** | f99r #19 (oeeotoey) for #2<br>f88r Line 3 #1 (otosag) for #3<br>f88v Line 2 #3 (okaiiin) for #5<br>f89r1 Line 1 #4 (arar ceodaiin) for #7<br>f89r1 Line 2 #3 (okaiin dan) for #8<br>f89r1 Line 3 #3 (ydcpody) for #9<br>f89r2 Line 3 #1 (sodar) for #12<br>Canister #13 f89r2 (okain y orain)<br>f99r #23 Mushroom Candidate (oeockeey) for #21<br>f99r #27 Black Bryony #2 (tols asy) for #22<br>f99v #6 (olsy) for #23<br>f99v #13 (otolsar) for #24<br>Canister #24 f99v (okoldody)<br>f100r #6, #8 (soity, oraro) for #27<br>f100r #15 (okols) for #28<br>f100v #2, #4-5 (ceols, solsy, soleesos) for #29<br>f101v1 #2 (orar) for #33<br>f101v2 #7 (oras am) for #34 | f89r1 Line 3 #1, #3 (saldam, ydcpody) for #9 (latter on odc)<br>----------<br>f89v2 Line 1 #1, #3 (okaiil, ceokaro) for #14<br>----------<br>f89v2 Line 3 #3-4 (odg oky sad oy, dair okoy) for #16<br>----------<br>f102v2 #10 (okoroeey) for #42<br>f102v1 #5 (opceytoy) for #44<br>f102v1# 7 (losalody) for #45 |
| Sagittarius | #1 | | **ysaldal** | **okal** | **ydceos** ain ar amy ceocfey **saral** rain am or | **soy** cses **okar** | f88r Line 1 #1-2 (osal, orald) for #1<br>f89v2 Line 2 #2 (dykaran) for #15<br>Canister #17 f89v1 (okor aldy)<br>Canister #19 f99r (okar am og) & f99r #1, #9 (okary, okary)<br>f99r #19 (oeeotoey) for #20<br>Canister #23 f99v (okaragy)<br>f100v #13 Pine? (ceos ctearal) for #29 | Canister #1 f88r (otor ceety) & f88r Line 1 #4 (ototy)<br>----------<br>f88v Line 1 #2, #4 (cpeeor, otokol) for #4<br>----------<br>f89r2 Line 3 #1, #4 (sodar, ofor ain) for #12 |
| Scorpio | #2 | cpeeey | **ytodal** | | **opor** cey sal saiin **sodar ofor** as **ydam** | cseekcey ***ykor** | Canister #5 f88v (otor am)<br>f88v Line 2 #1 (otory) for #5<br>f89r1 Line 2 #2 (otorain) for #8<br>f89r1 Line 3 #3 (ydcpody) for #9<br>Canister #15 f89v2 (okory) | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | f89v2 Line 3 #1 (otor am) for #16<br>f89v1 Line 2 #5 (opol olaiin) for #18<br>f99r #6 (okor) for #19<br>f100v #3 (opoeor) for #29<br>f101v1 #1 (dokor) for #33 | ----------<br>Canister #17 f89v1 (okor aldy) & f89v1 Line 1 #1 (otockey)<br>----------<br>f99v #2, #8 (otor cey,otoky) for #23<br>----------<br>f102r1 #4 (leledy doto) for #38 (also for f67r2 slot #3)<br>Canister #39 f102r2 (*odaiig) (only 1 possible for ydam)<br>f102v2 #10, #13 (okoroeey, olsodar) for #42<br>f102v2 #17 (okeeoraiiin) for #43<br>f102v1 #4 (ypory) for #44 |
| Libra | #3 | okodas | **tol** daiin | **okain** am | **yteoor yto ykor okeor** aiin am | **ykeody okcey** | f88v Line 1 #4 (otokol) for #4<br>Canister #5 f88v (otor am)<br>f88v Line 2 #1 (otory) for #5<br>Canister #7 f89r1 (okcecsey)<br>f88v Line 2 #3 (okaiiin) for #9<br>f89r2 Line 3 #1 (sodar) for #12<br>Canister #13 f89r2 (okain y orain)<br>Canister #15 f89v2 (okory)<br>f89v2 Line 3 #1 (otor am) for #16<br>Canister #18 f89v1 (koeeorair)<br>f99r #6 (okor) for #19<br>f99r #23 for #21<br>f99r #27 Black Bryony #2 (tols asy) for #22<br>f101v1 #1 (dokor) for #33 | Canister #1 f88r (otor ceety)<br>f88r Line 1 #4 (ototy) for #1<br>f89r1 Line 2 #2-3 (otorain, okaiin dan) for #8<br>----------<br>Canister #17 f89v1 (okor aldy)<br>f89v1 Line 1 #1 (otockey) for #17<br>----------<br>f99r #16, #19 (oeoky, oeeotoey) for #20<br>f99v #2, #8 (otor cey, otoky) for #23<br>----------<br>f100v #1, #3 (tolced, opoeor) for #29<br>----------<br>f102r1 #4 (leledy doto) for #38<br>Canister #41 f102r2 (do* toldy y*e***al r***la**g*)<br>f102v2 #9-10, #13 (oeeor,okoroeey, olsodar) for #42<br>f102v2 #17 (okeeoraiiin) for #43<br>f102v1 #1-2, #5 (ykeody, okeody, opceytoy) for #44 (last on toy to tol) |
| Virgo | #4 | | **otardy** | **opceoldy** | **ytody** saiin **oceol olol** | dceetdy | f88r Line 2 #5 (otydy) for #2<br>f88v Line 1 #3 (otar arody) for #4<br>f89v2 Line 2 #1 (otair ceody) for #15<br>f99r #10 (ololo) for #19<br>f101v1 #3 (otarar) for #33 | Canister #27 f100r (ceos ar ocseol)<br>f100r #2 (otear) for #27<br>----------<br>f102v1 #6 (ypceoldy) for #45<br>f102v2 #8 (otody) for #42 |
| Leo | #5 | oepceol | **ceodalg** | dfar **oeoldan** | **dorar odar** ais **aloiin dokan** oear **odal** | rfceykceey **ykceys** | f88r Line 1 #3 (oldar) for #1<br>f88r Line 2 #1 (orag) for #2<br>Canister #3 f88r (ofyskydal)<br>f88v Line 3 #3 (darar g am) for #6<br>f89r1 Line 1 #2 (oldag) for #7<br>Canister #7 f89r1 (okcecsey)<br>f89r1 Line 2 #3 (okaiin dan) for #8<br>f88v Line 2 #3 (okaiiin) for #9<br>f89r2 Line 1 #3 (sal oiin cseol) for #10<br>f89r2 Line 2 #2 (ofcear oiin) for #11<br>f89r2 Line 3 #1 (sodar) for #12<br>Canister #13 f89r2 (okain y orain)<br>Canister #19 f99r (okar am og)<br>f99r #16, #19 (oeoky, oeeotoey) for #20<br>f99r #23 Mushroom Candidate (oeockeey) for #21<br>f99v #3 (oldy) for #23<br>f99v #19 (doldam) for #25<br>f100v #3 (opoeor) for #29<br>f101v1 #2 (orar) #33<br>f101v2 #7 (oras am) #34 | Canister #16 f89v2 (opal oiiir y)<br>f89v2 Line 3 #3 (odg oky sad oy) for #16<br>----------<br>Canister #18 f89v1 (koeeorair) on both oe0-4o and orar<br>----------<br>f100r #6, #8 (soity, oraro) for #27<br>----------<br>f102r2 #8 (koldarod) for #41<br>Canister #41 f102r2 (...toldy...g...) (used potential stand-alone g only)<br>f102v2 #13 (olsodar) for #42<br>f102v2 #1, #9, #13 (orar, oeeor, olsodar) for #42 |
| Cancer | #6 | sactcey | ytceodly | **ytoaiin** | ceol daiin **okol ytor** daiin or | **cekcedar** | Canister #1 f88r (otor ceety)<br>f88r Line 2 #3 (okol) for #2<br>Canister #4 f88v (okolyd)<br>f88v Line 1 #4 (otokol) for #4<br>Canister #5 f88v (otor am)<br>f88v Line 2 #1 (otory) for #5<br>f89r1 Line 2 #2 (otorain) for #8<br>f89v2 Line 3 #1 (otor am) for #16<br>f99r #10 (ololo) for #19<br>f99r #18 (okeoly yteold) for #20<br>f99v #2 (otor cey) for #23<br>Canister #24 f99v (okoldody)<br>f100r #15 (okols) for #28<br>f101v2 #5 (okol) for #34<br>Canister #37 f102r1 (okolaly) | f102v2 #3 (dacey) for #42<br>f102v2 #16 (acky) for #43<br>Canister #43 f102v2 (okolky)<br>f102v1 #8 (opcedard) for #45 |
| Gemini | #7 | | **octeys** | | **otoldos** octeoly sor **ceedaiin** dy **yteos oiin om** | **ykar ykaly** | Canister #1 f88r (otor ceety)<br>f88r Line 3 #1 (otosag) for #3<br>f88v Line 1 #1 (ceeoctey) for #4<br>Canister #5 f88v (otor am)<br>f88v Line 2 #1 (otory) for #5<br>f89r1 Line 2 #2 (otorain) for #8<br>f89r2 Line 1 #3 (sal oiin cseol) for #10<br>f89r2 Line 2 #2 (ofcear oiin) for #11<br>f89v2 Line 2 #2 (dykaran) for #15<br>----------<br>f89v1 Line 2 #4 (otos cseos) for #18<br>Canister #19 f99r (okar am og) | f89v2 Line 1 #1, 3 (okaiil, ceokaro) for #14<br>----------<br>Canister #16 f89v2 (opal oiiir y)<br>f89v2 Line 3 #1 (otor am) for #16<br>----------<br>Canister #23 f99v (okaragy)<br>f99v #2 (otor cey) for #23<br>----------<br>f102v2 #6 (otosy) for #42<br>f102v1 #8 (opcedard) for #45 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | f99r #1, #9 (okary, okary) for #19<br>f100r #8 (soity) for #27<br>f100r #14 Gourd Candidate (ol ceom) for #28<br>f100v #5 (soleeesos) for #29 | |
| Taurus | #8 | **osar** | **ytolar** | | **ytoeopceey** ceekody **socseo** ceos **ockey** daiin aiin **os ys** m | **lkcseykcey olar** | -- no stand-alone m<br><br>f88r Line 1 #4 (ototy) for #1<br>f88v Line 1 #4 (otokol) for #4<br>Canister #7 f89r1 (okcecsey)<br>f89v2 Line 1 #3 (ceokaro) for #14<br>----------<br>f99r #23 (oeockeey) for #21<br>f99v #14 (osary) for #24<br>Canister #28 f100r (cseockeey)<br>f100v #5 (soleeesos) for #29<br>f102r1 #4 (leledy doto) for #38 | f89v2 Line 2 #2-3 (dykaran, opceedey) for #15<br>----------<br>f99r #1, #9 (okary, okary) for #19<br>Canister #19 f99r (okar am og)<br>----------<br>f89v1 Line 1 #1 (otockey) for #17 (on both oto and ockey)<br>----------<br>Canister #23 f99v (okaragy)<br>f99v #8 (otoky) for #23<br>----------<br>f100r #1, #9 (soceor cfey, sosam) for #27 (closest to socseo, but sosam to osar unlikely)<br>----------<br>f102v2 #15 (osair) for #43<br>f102v2 #18 (okockey) for #43<br>f102v2 #11 Pine? (opcey) #42<br>f102v1 #5 (opceytoy) #44<br>f102v1 #8 (opcedard) #45 |
| Aries | #9 | **oran** | **otolor** | **yfain** | **ofydy cseeody** aiin yceeody cse **odaiiin** yekees **oraly** | ceky ceykcer cey | f88r Line 1 #2 (orald) for #1<br>f88r Line 2 #5 (otydy) for #2<br>f88r Line 3 #2 Lupine? (ofaldo) for #3<br>f89r1 Line 1 #4 (arar ceodaiin) for #7<br>f89r1 Line 2 #2 (otorain) for #8<br>f89v1 Line 1 #3 (dar cseody) for #17<br>Canister #26 f99v (oralar)<br>f101v1 #5 (soraly) for #33 | Canister #12 f89r2 (korain y)<br>f89r2 Line 3 #3 (ceeody) for #12<br>----------<br>Canister #13 f89r2 (okain y orain)<br>f89r2 Line 4 #1 (ofakal) for #13<br>----------<br>f100r #3, #11 (ceofary, dofam) for #27<br>----------<br>f102v2 #17 (okeeoraiin) #43<br>Canister #44 f102v1 (keoraiin) |

Table 30.5: Potential Pharmacological Figure Correlations to Short f70r1 Labels

| Label | Potential Correlations | f102r-v1 Foldout |
|---|---|---|
| Nonsense Label (**********ooooooo **olar** *****s**t**) | f89r2 Line 4 #4 (otolarol) for #13<br>**f101v1 #8, #10 (dolary, olaran) for #34** | |
| **"Mushroom Separators"** | | |
| #1 (otceo dar **ykey**) | Canister #8 f89r1 (ykyd)<br>f89v2 Line 3 #3 (odg oky sad oy) for #16<br>f99r #3 (oky) for #19<br>**f99r #16-17 Mushroom Candidate (oeoky, oky) for #20**<br>f99v #8 (otoky) for #23 | |
| #2 (opar ykcey) | f99v #15 (okecey otal) for #25<br>Canister #16 f89v2 (opal oiiir y)<br>f89v1 Line 2 #6 (opal daiin) for #18<br>Canister #20 f99r (opasal) | |
| #3 (y **sactcey dam**) | f89r1 Line 3 #1 (saldam) for #9<br>f99v #19 (doldam) for #25 | f102v2 #3 (dacey) for #42<br>f102v2 #16 (acky) for #43 |
| #4 (otair orol g y) | f88r Line 2 #4 (sorory) for #2<br>f88v Line 1 #3 (otar arody) for #4<br>f89v2 Line 2 #1 (otair ceody) for #15<br>f99r #5 (oroair) for #19<br>f100r #2 (otear) for #27<br>f100r #13 (orol) for #28<br>f101v1 #3 (otarar) for #33 | f102v2 #10 (okoroeey) for #42 |
| #5 (dceal dam) | f89r1 Line 3 #1 (saldam) for #9<br>f99v #19 (doldam) for #25<br>f100r #4, #7 (sarcear, ceal sain) for #27 closest | |
| #6 (yteody sam) | f100r #9 (sosam) for #27 closest | f102v2 #8 (otody) for #42 |
| #7 (okcey dal dy) | Canister #17 f89v1 (okor aldy) closest to daldy<br>f99v #15 (okecey otal) for #25 | |
| #8 (yfceeod ly) | **f89r2 Line 1 #2, #4 (ofceor am, ofceeor) for #10**<br>f89r2 Line 2 #2 (ofcear oiin) for #11 | |
| #9 (ytceeos aly) | f99r #4 (daly) for #19<br>Canister #25 f99v (darol aly)<br>f101v2 #1 (rair aly) for #33 | f102v1 #3 (daisaly) for #44 |
| **Star Quadrants** | | |
| #1 (okeody) | f99v #17 (okeodor) for #25 | f102v1 #1-2 (ykeody, okeody) for #44 |
| #2 (otody) | f102r1 #1 (otodeeodor) for #36<br>f102v2 #8 (otody) for #42 | |
| #3 (ypolol) | f89v1 Line 2 #5 (opol olaiin) for #18<br>f99r #10 (okolo) for #19 (unlikely)<br>f100v #3 (opoeor) for #29 | f102v1 #4 (ypory) for #44 |
| #4 (ceodal) | Canister #3 f88r (ofyskydal) | f102r2 #9 (odalyda*y) for #44 |
| #5 (okos d) | f99r #20 (okos) for #21<br>f100r #12 (okeeos) for #28 | f102v2 #4 (okeos) for #42 |

| | | |
|---|---|---|
| #6 (ykeal) | f89v2 Line 1 #1 (okaiil) for #14 | |

Table 31.1: Leading Word Categories for Section 5, with $w_N$ >= 100

| Rank | Category | Word Count | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|---|---|
| 1 | l[fptk] Prefixes | 514 | -0.25919 | -0.09826 | -0.05496 | -0.06214 | 0.49158 | -0.01141 |
| 2 | o[fptk]edai4n | 59 | -0.19251 | -0.10410 | -0.15336 | -0.06798 | 0.38217 | 0.14140 |
| 3 | rai4n | 115 | -0.20725 | -0.07801 | 0.05622 | -0.03319 | 0.31246 | -0.04460 |
| 4 | a[lr][fptk] | 83 | -0.20987 | -0.00771 | -0.09087 | -0.06798 | 0.31152 | 0.07054 |
| 5 | cedai4[lrsm \| n] | 527 | -0.13292 | -0.04717 | -0.06582 | -0.06418 | 0.24488 | 0.07084 |
| 6 | opce0-4dy | 159 | -0.16213 | -0.09781 | 0.03287 | -0.06169 | 0.24317 | 0.05122 |
| 7 | o[fptk]eda[lrsm \| n] | 184 | -0.19095 | -0.03888 | -0.04052 | -0.06798 | 0.23746 | 0.10649 |
| 8 | [fptk \| dlrs] prefixes to dai4[lrsm \| n] | 83 | -0.12553 | -0.03181 | -0.06678 | -0.03183 | 0.22718 | 0.03439 |
| 9 | [yo][fptk]e4d | 60 | -0.19421 | -0.05410 | 0.11274 | -0.06798 | 0.22116 | -0.01199 |
| 10 | c \| cs + e0-4d | 89 | -0.08072 | -0.09286 | 0.00375 | -0.06798 | 0.21554 | 0.02790 |
| 11 | a[dlrsmg]am | 92 | -0.17464 | 0.14590 | -0.14378 | -0.02450 | 0.21029 | -0.00764 |
| 12 | a[lr]an | 56 | -0.06206 | -0.01481 | -0.15154 | 0.00345 | 0.20330 | 0.02729 |
| 13 | lc-initial | 457 | -0.23075 | -0.09972 | 0.24819 | -0.05485 | 0.18505 | -0.04230 |
| 14 | ece polygraph | 219 | -0.11612 | 0.06485 | -0.09137 | -0.02231 | 0.18234 | -0.01176 |
| 15 | [tk]e4dy | 309 | -0.11298 | -0.10086 | 0.14284 | -0.06474 | 0.18070 | -0.03934 |
| 16 | o[fptk]edar | 72 | -0.18310 | -0.02076 | -0.02059 | -0.06798 | 0.17949 | 0.11856 |
| 17 | eta | 71 | -0.09702 | 0.03675 | -0.03233 | -0.03981 | 0.17186 | -0.04791 |
| 18 | o[fptk]c + e0-4dy | 554 | -0.11912 | -0.07883 | 0.02935 | -0.06076 | 0.16700 | 0.06797 |
| 19 | dl Consonant clusters | 79 | -0.01573 | -0.00283 | -0.06068 | -0.06798 | 0.16419 | -0.01136 |
| 20 | [fptk]ai4n | 191 | -0.01148 | -0.07792 | -0.01448 | -0.06274 | 0.15571 | 0.01131 |
| 21 | okai0-4n | 994 | -0.15638 | -0.07794 | 0.15681 | -0.05590 | 0.15275 | -0.01974 |
| 22 | o[fptk]ai4n | 1598 | -0.13150 | -0.06154 | 0.08684 | -0.05609 | 0.14982 | 0.01185 |
| 23 | ai4[dlrsmg \| n] | 1519 | -0.13884 | 0.08748 | -0.11945 | -0.02650 | 0.14380 | 0.05519 |
| 24 | c \| cs + e0-4l | 64 | -0.07546 | -0.04160 | 0.09399 | -0.05235 | 0.14303 | -0.06199 |
| 25 | pc-initial | 307 | 0.00221 | -0.08130 | -0.02113 | -0.02889 | 0.12832 | 0.00316 |
| 26 | [fp]c-Initial | 387 | 0.02621 | -0.08084 | -0.02963 | -0.02922 | 0.12167 | -0.00514 |
| 27 | edo | 90 | -0.08310 | -0.08188 | -0.00948 | -0.04575 | 0.12116 | 0.10468 |
| 28 | faceys relatives | 61 | -0.06470 | -0.00574 | -0.12168 | 0.01399 | 0.11460 | 0.01998 |
| 29 | [fptk]ai4[dlrsmg \| n] | 411 | -0.02413 | -0.03354 | -0.01208 | -0.06311 | 0.11288 | 0.02073 |
| 30 | ce4o | 160 | 0.07454 | 0.02090 | -0.17476 | 0.03202 | 0.10866 | -0.06199 |
| 31 | ote4dy | 509 | -0.16847 | -0.06873 | 0.17620 | -0.06798 | 0.10819 | 0.02642 |
| 32 | o[fptk][dlrsmg] | 68 | -0.11774 | -0.05998 | 0.00392 | -0.03857 | 0.10351 | 0.11448 |
| 33 | [yo]c + e4dy | 110 | -0.13057 | -0.04955 | 0.04911 | -0.04070 | 0.10297 | 0.07437 |
| 34 | [fptk][yo]lc | 53 | -0.14326 | -0.06636 | 0.11463 | 0.06410 | 0.09851 | -0.06199 |
| 35 | fc-initial | 80 | 0.11829 | -0.07910 | -0.06226 | -0.03048 | 0.09616 | -0.03699 |
| 36 | c \| c[fptk] + e4o | 228 | 0.05228 | 0.01871 | -0.17410 | 0.05483 | 0.09396 | -0.05322 |
| 37 | [yo]ke4o | 89 | -0.14814 | 0.17680 | -0.17602 | 0.07809 | 0.09194 | -0.01705 |
| 38 | l[dlrs] Prefixes | 95 | -0.14684 | -0.06199 | 0.14958 | -0.04692 | 0.08958 | 0.02222 |
| 39 | okam variants | 76 | 0.08737 | -0.05147 | -0.09515 | -0.02850 | 0.08958 | 0.00380 |
| 40 | edy | 4981 | -0.15046 | -0.07960 | 0.20865 | -0.06316 | 0.08554 | 0.00446 |
| 41 | te4dy | 91 | -0.10739 | -0.08212 | 0.20835 | -0.06798 | 0.08379 | -0.02902 |
| 42 | [yo]pa | 141 | -0.20201 | 0.15122 | -0.12343 | -0.02542 | 0.08286 | 0.12241 |
| 43 | o[fptk]e4dy | 1444 | -0.16609 | -0.08055 | 0.24903 | -0.06590 | 0.08057 | -0.01144 |
| 44 | ce4dy | 755 | -0.10878 | -0.07099 | 0.17433 | -0.06003 | 0.07877 | -0.00901 |
| 45 | [fptk] + c \| c[s \| fptk] + e4dy | 196 | -0.04421 | -0.09389 | 0.09846 | -0.06798 | 0.07830 | 0.03495 |
| 46 | oe4y | 66 | -0.14269 | 0.06257 | -0.12665 | 0.09869 | 0.06964 | 0.04407 |
| 47 | oke4dy | 933 | -0.16559 | -0.08695 | 0.28863 | -0.06476 | 0.06628 | -0.03198 |
| 48 | oa | 321 | -0.00760 | 0.08905 | -0.17168 | 0.01925 | 0.06384 | 0.00654 |
| 49 | [dlrsmg] + c \| c[s \| fptk] + e4dy | 327 | -0.21470 | -0.09187 | 0.34179 | -0.06186 | 0.06366 | -0.03141 |
| 50 | otam variants | 88 | -0.01012 | 0.02090 | -0.13044 | -0.03389 | 0.06207 | 0.09710 |
| 51 | eka | 191 | 0.04087 | 0.02679 | -0.05637 | -0.04180 | 0.05623 | -0.02011 |
| 52 | orai0-4n | 135 | -0.07939 | -0.05225 | -0.06133 | 0.07276 | 0.05449 | 0.07134 |
| 53 | [dlrsmg] + ai4r | 190 | -0.04158 | 0.05906 | -0.10831 | 0.01623 | 0.05274 | 0.02748 |
| 54 | Consonant Clusters | 115 | -0.05073 | 0.02634 | 0.01274 | -0.05928 | 0.05159 | 0.01627 |
| 55 | olk | 557 | -0.19008 | -0.06460 | 0.18438 | -0.04284 | 0.04611 | 0.07266 |
| 56 | o[tk]e0-4y | 2042 | -0.05180 | 0.02813 | 0.01059 | 0.00254 | 0.03800 | -0.02428 |
| 57 | c \| c[s \| fptk] + e4dy | 1395 | -0.13578 | -0.07399 | 0.24428 | -0.06009 | 0.03800 | -0.00751 |
| 58 | c \| cs + e0-4[dlrsmg] | 281 | -0.04154 | 0.04181 | 0.00847 | -0.03595 | 0.03788 | -0.00861 |
| 59 | opce0-4y | 111 | 0.03012 | 0.02203 | -0.11519 | -0.03194 | 0.03647 | 0.06414 |
| 60 | aro[dlrsmg] | 105 | -0.16087 | 0.01971 | 0.07941 | 0.02726 | 0.03544 | 0.00468 |
| 61 | o[fptk \| dlrsmg][ao]m | 280 | 0.07365 | 0.01376 | -0.13011 | -0.01798 | 0.03544 | 0.03087 |
| 62 | ce4y | 737 | -0.01062 | -0.01590 | 0.02034 | 0.00122 | 0.03323 | -0.02807 |
| 63 | yce4y + infixed versions | 87 | 0.01614 | -0.03513 | -0.01484 | -0.02200 | 0.03150 | 0.00697 |
| 64 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4od | 68 | 0.17638 | -0.03057 | -0.17255 | -0.02386 | 0.02998 | 0.01154 |
| 65 | [yo][fptk]e4o | 88 | -0.16921 | 0.35045 | -0.18726 | -0.01116 | 0.02797 | -0.00517 |
| 66 | ce4a | 1009 | 0.13592 | 0.01582 | -0.10202 | -0.04221 | 0.02244 | -0.04019 |
| 67 | a[lr][ao][lr] | 391 | -0.20469 | 0.20537 | -0.02869 | -0.01171 | 0.02039 | 0.02497 |
| 68 | o[fptk]ce4[lrsmg] | 57 | -0.01351 | 0.03625 | -0.11708 | -0.01535 | 0.01940 | 0.09590 |
| 69 | ceckey relatives | 377 | -0.05017 | -0.09349 | 0.20797 | -0.04145 | 0.01824 | -0.03812 |
| 70 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y | 1421 | 0.09355 | -0.03443 | -0.05777 | -0.04757 | 0.01672 | 0.03231 |
| 71 | ora | 241 | -0.09919 | 0.00794 | -0.07107 | 0.09800 | 0.01576 | 0.05419 |
| 72 | otal variants | 333 | -0.15607 | 0.14215 | 0.01695 | -0.02593 | 0.01545 | 0.01308 |
| 73 | oi4n | 58 | -0.13903 | -0.00065 | 0.01964 | 0.08720 | 0.01426 | 0.00697 |
| 74 | [yo]ce4y | 113 | 0.06863 | 0.03750 | -0.10761 | -0.00603 | 0.01319 | -0.00889 |
| 75 | a-axis of [yo][fptk][ao][lr] | 1731 | -0.11801 | 0.08308 | 0.03400 | -0.03909 | 0.01289 | 0.02986 |
| 76 | [yo][fp]a | 200 | -0.16921 | 0.16090 | -0.12226 | -0.00798 | 0.01116 | 0.13301 |
| 77 | yodai0-4n | 448 | 0.13436 | -0.03044 | -0.16717 | 0.00568 | 0.00910 | 0.03622 |
| 78 | [tk]e4o | 206 | 0.01162 | 0.01726 | -0.10959 | 0.06309 | 0.00756 | 0.01082 |
| 79 | [fptk]e0-4y | 161 | 0.10952 | 0.00149 | -0.05682 | -0.02450 | 0.00687 | -0.04336 |
| 80 | c + e4 + [fptk] Endings | 60 | 0.12246 | 0.02924 | -0.05392 | -0.06798 | 0.00449 | -0.02866 |
| 81 | yc + e4o[lr] | 68 | 0.20579 | -0.05998 | -0.15785 | 0.04967 | 0.00057 | -0.03258 |
| 82 | c \| c[s \| fptk] + e4 + c[s \| fptk]e4y Superset | 623 | -0.04060 | -0.07842 | 0.19798 | -0.04390 | 0.00045 | -0.03149 |
| 83 | sai4n | 258 | -0.04227 | -0.04983 | 0.09956 | 0.01729 | 0.00023 | -0.02711 |

Table 31.2: Ebb and Flow of Suspected Spatio-Temporal Differentiators across Section 5 Folios

| Paragraph # | yodai$^{n-a}$n | yodai$^{n-a}$r | yodai$^{n-a}$l | o[tk]e$^{1-a}$y | [yo][fptk]e$^{1-a}$o | o[tk]e$^{1-a}$s | x |
|---|---|---|---|---|---|---|---|
| f103r #1-18 | 2 in #5, #8 | 2 in #4, #13 | | 81 in #1 (7), #2 (4), #3 (6), #4 (5), #5 (4), #6 (2), #7, #8 (8), #9 (7), #10 (3), #11 (2), #12 (3), #13 (4), #14 (3), #15 (2), #16 (3), #17 (7), #18 (10) | | | |
| f103v #1-14 | | | | 51 in #1 (9), #2 (3), #3 (2), #4 (3), #5, #6, #7, #8 (10), #9 (4), #10 (5), #11 (6), #12, #13 (3), #14 (2) | | | |
| f104r #1-13 | 12 in #1 (3), #2 (3), #4 (3), #7, #9 (2) | 3 in #1, #2, #3 | 3 in #7, #10, #11<br>**m:** 1 in #4 | 10 in #1, #3, #5 (2), #6, #9, #12 (2), #13 (2) | 2 in #1, #9 | | 1 in #10 |
| f104v #1-13 | 13 in #1 (4), #6, #7 (3), #8, #9, #11, #12, #13 | 3 in #7, #10, #11 | 1 in #2<br>**m:** 1 in #12 | 21 in #3, #4 (2), #6 (2), #7, #9, #10 (2), #12 (3), #13 (9) | | | |
| f105r #1-10, Paragraph Label | 7 in #1 (3), #2, #5, #8, #9 | 4 in #1, #5, #9, #10 | 1 in #4 | 19 in #1 (6), #2 (2), #3, #5 (4), #6, #7, #8, #9 (2), #10 | | 1 in #1 | 1 in #9 |
| f105v #1-10 | 5 in #1, #4, #6, #10 (2) | 4 in #1, #3 (2), #4 | 2 in #3, #7<br>**m:** 2 in #3, #10 | 5 in #3, #4, #10 (3) | 2 in #6, #10 | 1 in #3 | 2 in #5, #8 |
| f106r #1-15 | 3 in #8, #14, #15 | 5 in #6 (2), #8, #9, #15 | 2 in #7, #13 | 16 in #2 (2), #4 (4), #5, #7 (2), #12, #14, #15 (5) | | 2 in #4, #13 | |
| f106v #1-15 | 10 in #3 (2), #4, #5, #9, #11, #12, #13, #15 (2) | 5 in #1, #2, #5, #13, #14 | 3 in #5 (2), #12<br>**m:** 1 in #12 | 20 in #3, #9, #10 (3), #12, #13 (3), #14 (2), #15 (9) | 2 in #1, #15 | | 1 in #10 |
| f107r #1-15 | 4 in #6, #7 (2), #14 | 1 in #1 | 1 in #4 | 16 in #1 (3), #2 (3), #3 (2), #4, #6, #13 (4), #15 (2) | 1 in #7 | 1 in #1 | 1 in #10 |
| f107v #1-15 | 6 in #3, #10 (2), #11, #12, #15 | 1 in #4 | | 32 in #2 (2), #3, #4 (4), #8, #9 (3), #12 (4), #13 (2), #14 (3), #15 (12) | 1 in #13 | | |
| f108r #1-14 | 1 in #4 | 2 in #10, #14 | | 35 in #2 (6), #3 (4), #4 (2), #5, #7, #8 (3), #10, #12 (4), #13 (7), #14 (6) | 1 in #4 | | 1 in #1 |
| f108v #1-8 Paragraph Label | 2 in #8 (2) | 1 in #5 | | 59 in #1 (2), #2 (5), #3 (5), #4 (6), #5 (3), #6, #7, #8 (36) | 1 in #1 | | 1 in #2 |
| f111r #1-6 | 4 in #2 (4) | 2 in #2 (2) | 1 in #2 | 52 in #1 (7), #2 (31), #3 (4), #4 (5), #5 (4), #6 | 5 in #2 (3), #3, #4 | 3 in #2 (2), #4 | 2 in #2 (2) |
| f111v #1-10 | 2 in #2, #8 | 1 in #1 | | 20 in #1 (8), #2, #4, #8 (5), #9 (2), #10 (3) | 2 in #1 (2) | | |
| f112r #1-11 | 1 in #1 | | | 47 in #1 (9), #2 (11), #3 (3), #4 (4), #5 (3), #6 (4), #7 (2), #8 (3), #9 (3), #11 (5) | 1 in #11 | | 1 in #1 |
| f112v #1-13 | 2 in #4, #8 | 1 in #12 | | 31 in #1 (8), #2, #3 (6), #4 (5), #5, #7 (2), #8 (3), #11, #12, #13 (3) | | | |
| f113r #1-16 | 7 in #1, #4 (2), #8, #11, #14, #15 | 3 in #9, #10, #16 | | 16 in #1 (2), #2, #3 (2), #4, #6 (2), #10, #11, #13, #14, #16 (4) | 2 in #2, #9 | 1 in #12 | |
| f113v #1-15 | 2 in #2, #11 | 3 in #1, #2 (2) | 1 in #3 | 18 in #1, #2, #3, #5, #8 (2), #9 (4), #11, #12 (4), #13, #14, #15 | 2 in #4, #10 | 1 in #2 | 2 in #5, #9 |
| f114r #1-13, Paragraph Label | 19 in #2, #3 (2), #5 (2), #6, #7, #8 (4), #10 (3), #11, #12, #13 (3) | 4 in #2, #5 (2), #11 | 2 in #2, #8 | 10 in #4, #5 (2), #6, #9 (2), #10, #11, #12 (2) | | 1 in #12 | |
| f114v #1-12 | 7 in #1, #6, #7, #10, #11, #12 (2) | 1 in #5 | 2 in #1, #9 | 16 in #1 (2), #3, #5, #9 (2), #10, #11 (3), #12 (6) | 3 in #10, #12 (2) | | 1 in #6 |
| f115r #1-13 | 9 in #2, #4, #5, #6 (2), #7, #10 (2), #11 | 5 in #5 (2), #8, #9 (2) | | 12 in #1, #4, #6, #7 (2), #8, #9 (4), #11, #13 | 1 in #7 | | |
| f115v #1-13 | 9 in #1 (2), #2, #4, #6, #7, #8, #10 (2) | | **m:** 2 in #5, #13 | 14 in #1 (2), #2, #5 (3), #6 (2), #11 (3), #13 (3) | 1 in #3 | 2 in #1, #8 | 2 in #6 (2) |
| f116r | 2 in #7, #8 | 1 in #7 | 1 in #8 | 46 in #1 (4), #2 (3), #3 (6), #4 (2), #5 (5), #6 (12), #7 (8), #8 (6) | | | |

Table 31.3: Ebb and Flow of Anatomical Cause/Target Differentiators across Section 5 Folios

| Paragraph # | olk | olt, olp, olf, ol[ds] | [fptk][yo]lc, [yo]lc, olceey relatives | om | oe$^{n-a}$y | oe$^{n-a}$s | oly |
|---|---|---|---|---|---|---|---|
| f103r #1-18 | 3 in #5, #10, #16 | **old:** 1 in #11 | 1 in #6 | | 2 in #3, #6 | 6 in #3 (2), #6, #8, #14, #17 | |
| f103v #1-14 | 6 in #2, #3, #5, #8, #10, #12 | **olf:** 1 in #1 | | | | | 4 in #2, #10, #11, #14 |
| f104r #1-13 | 13 in #3, #4, #5, #6 (2), #7 (2), #8, #9, #12 (3), #13 | **olf:** 1 in #3 | | | 3 in #2, #4, #6 | 5 in #1 (2), #2, #3, #12 | 2 in #3, #9 |
| f104v #1-13 | 4 in #5 (3), #6 | **ols:** 1 in #6 | 1 in #4 | 1 in #13 | 5 in #1, #4, #5, #7, #9 | 8 in #2, #3, #5, #7, #10 (2), #11, #12 | |
| f105r #1-10, Paragraph Label | 11 in #1, #3, #4 (2), #5 (3), #8 (3), #9 | **ols:** 2 in #5, #6<br>**olp:** 1 in #2<br>**olf:** 1 in #5 | | | 5 in #1, #4, #5 (2), #8 | 7 in #2 (2), #3 (2), #4, #8, #9 | 1 in #2 |
| f105v #1-10 | 9 in #1 (2), #2 (2), #4, #5 (2), #7, #10 | **old:** 1 in #1<br>**olp:** 4 in #1 (2), #3, #4 | | 1 in #2 | | 5 in #3 (4), #4 | |
| f106r #1-15 | 8 in #2, #3, #4 (2), #7 (2), #8, #15 | **olf:** 1 in #14 | | | | 2 in #1, #7 | 2 in #4, #10 |
| f106v #1-15 | 7 in #2, #3 (2), #4, #8, #10, #12 | | 3 in #7 (2), #14 | 1 in #10 | 3 in #2 (2), #4 | 13 in #4, #6, #7, #10 (5), #11, #12, #15 (3) | |
| f107r #1-15 | 7 in #1, #2, #5, #9, #12 (2), #13 | **ols:** 1 in #10<br>**olf:** 1 in #8 | 1 in #4 | 3 in #3, #8, #15 | 2 in #5, #14 | 6 in #1 (2), #5 (3), #6 | |
| f107v #1-15 | 19 in #1 (2), #2, #3 (2), #4, #5, #6, #7, #8 (3), #9, #11 (3), #12 (3) | **old:** 1 in #8 | 2 in #3, #11 | | 4 in #10, #13, #15 (2) | 1 in #1 | |
| f108r #1-14 | 6 in #5, #8 (2), #9, #13 (2) | **olp:** 1 in #1 | 2 in #5, #9 | 3 in #6, #13 (2) | 2 in #10, #13 | | 3 in #1, #4, #5 |
| f108v #1-8 Paragraph Label | 10 in #2 (2), #4, #5 (2), #7, #8 (4) | **old:** 1 in #7<br>**ols:** 1 in #5 | | 1 in #2 | 2 in #5, #7 | 2 in #4, #8 | |
| f111r #1-6 | 8 in #2 (5), #3, #4, #6 | | | 4 in #2 (2), #4, #6 | | 3 in #2 (3) | |
| f111v #1-10 | 6 in #1 (3), #3, #4, #9 | | 2 in #8, #9 | 1 in #2 | | 1 in #10 | |
| f112r #1-11 | 7 in #1 (3), #3, #4, #9 (2) | **olf:** 1 in #6 | 2 in #1, #4 | 4 in #3, #6, #9, #10 | 2 in #1 (2) | 1 in #10 | |
| f112v #1-13 | 8 in #3 (2), #4, #5, #6, | **old:** 1 in #1 | | | 4 in #3, #4, #8 (2) | 5 in #1, #2, #3, #7 (2) | 1 in #13 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | #8, #13 (2) | | | | | | |
| f113r #1-16 | 8 in #2 (2), #6 (2), #10, #15, #16 (2) | | 2 in #5, #11 | 2 in #4, #6 | 3 in #4, #5, #14 | 20 in #1 (2), #2 (5), #3 (3), #4, #10, #12 (2), #13, #14, #16 (4) | |
| f113v #1-15 | 10 in #3 (2), #4, #5 (2), #7, #9, #11, #12, #14 | **ols:** 1 in #10 | | 1 in #1 | 3 in #1, #9, #12 | 6 in #2, #5, #7 (2), #13 (2) | |
| f114r #1-13, Paragraph Label | 7 in #Paragraph Label, #4, #5, #8 (2), #9 (2) | **old:** 1 in #8<br>**ols:** 1 in #11<br>**olp:** 2 in #4, #5 | | 1 in #4 | 4 in #1, #8 (2), #11 | 11 in #1 (2), #3, #4, #5, #7, #8, #11, #12 (2), #13 | |
| f114v #1-12 | 6 in #3 (2), #7, #8, #11 (2) | | 1 in #9 | 1 in #4 | 5 in #6 (2), #8, #12 (2) | 8 in #1, #3 (2), #5, #8 (2), #9, #10 | 1 in #10 |
| f115r #1-13 | 5 in #2 (2), #5 (2), #8 | **ols:** 2 in #11, #13 | 1 in #6 | 3 in #3, #5, #8 | 1 in #11 | 11 in #1 (2), #2, #8 (3), #9 (2), #10, #11 (2) | |
| f115v #1-13 | 7 in #2 (2), #3, #7, #8 (2), #12 | **old:** 1 in #1 | 2 in #5, #13 | 2 in #1, #6 | | 10 in #3, #7, #8 (2), #11 (2), #12 (2), #13 (2) | |
| f116r | 6 in #4, #7 (4), #8 | | | 4 in #1, #6 (2), #7 | 1 in #8 | 1 in #7 | 4 in #2, #7 (2), #8 |

Table 31.4: Ebb and Flow of Primary Problem/Disease Differentiators across Section 5 Folios

| Paragraph # | o[fptk]c + e$^{1-4}$dy | opce$^{1-4}$y | o[fptk]c + e$^{1-4}$y | o[dlrs]ce1-4y | o[fptk]c + e$^{1-4}$o | o[fptk]c + e$^{1-4}$ody | o[fptk]ce$^{1-4}$[lrsmg] |
|---|---|---|---|---|---|---|---|
| f103r #1-18 | 4 in #1, #8, #10, #15 | 2 in #7, #18 | 7 in #1, #7, #8, #9 (2), #13, #18 | 3 in #1, #3, #14 | 1 in #3 | | |
| f103v #1-14 | 6 in #2 (2), #3, #4, #6, #10 | 2 in #11, #14 | 7 in #3, #5, #8, #11 (2), #12, #14 | 7 in #2, #4 (2), #5, #8, #9, #13 | | | |
| f104r #1-13 | 13 in #1 (3), #2 (3), #4, #6, #9, #11, #12, #13 (2) | 2 in #4, #5 | 4 in #4, #5, #9 (2) | 1 in #3 | 2 in #4, #13 | 1 in #11 | |
| f104v #1-13 | 16 in #1 (2), #2, #3, #4, #5 (3), #6 (2), #7 (3), #8, #9, #12 | 1 in #12 | 9 in #2, #5, #6 (2), #7 (2), #8, #9, #12 | 1 in #8 | 4 in #5 (2), #9, #13 | | 1 in #4 |
| f105r #1-10, Paragraph Label | 11 in #1 (2), #2, #3, #5, #7, #8 (2), #9, #10 (2) | 4 in #1, #5, #7, #8 | 7 in #1 (2), #2, #3, #5, #7, #8 | 2 in #1, #2 | | | |
| f105v #1-10 | 10 in #2, #3 (4), #4, #6 (2), #9, #10 | 1 in #8 | 4 in #1, #3, #8, #10 | | 3 in #2, #8, #10 | 1 in #6 | 1 in #5 |
| f106r #1-15 | 12 in #1 (3), #2 (2), #6, #7 (2), #8, #9, #14, #15 | 3 in #7 (2), #14 | 7 in #5, #7 (2), #8, #14 (2), #15 | 3 in #1, #5, #7 | 1 in #1 | 2 in #8, #12 | 3 in #1, #6, #11 |
| f106v #1-15 | 18 in #2 (2), #3, #4, #5 (6), #6 (2), #7, #8 (2), #9, #11, #14 | 4 in #1, #3, #4, #9 | 9 in #1 (2), #3, #4, #6, #8 (2), #9, #13 | 1 in #10 | | 1 in #13 | 3 in #7 (2), #9 |
| f107r #1-15 | 9 in #2 (4), #8, #9 (2), #12, #13 | | 11 in #1, #2 (4), #9, #11, #12 (2), #13, #15 | 3 in #1, #6, #15 | 1 in #2 | | |
| f107v #1-15 | 5 in #2 (2), #4, #6, #9 | 2 in #8, #14 | 10 in #4, #5, #8 (3), #10, #12 (2), #13, #14 | | | | |
| f108r #1-14 | 11 in #1, #2, #5 (2), #6, #7, #8, #9 (2), #11 (2) | 1 in #11 | 5 in #2 (2), #3, #4, #11 | 2 in #1, #7 | | | 1 in #8 |
| f108v #1-8 Paragraph Label | 4 in #2, #4, #5, #8 | | 1 in #2 | 2 in #4, #8 | | | 1 in #5 |
| f111r #1-6 | 6 in #2 (4), #3, #6 | 1 in #3 | 5 in #1, #2 (2), #3, #6 | 1 in #2 | | | |
| f111v #1-10 | 6 in #1, #2, #3, #4, #7, #9 | 3 in #3, #9, #10 | 7 in #1, #3 (2), #4, #9 (2), #10 | 4 in #1, #2, #8, #9 | 1 in #1 | | |
| f112r #1-11 | 8 in #1, #2, #6 (3), #8 (2), #10 | | 6 in #1, #7, #10 (3), #11 | 1 in #1 | | | |
| f112v #1-13 | 9 in #2 (3), #3, #6, #9 (2), #10, #13 | 2 in #10, #13 | 6 in #1, #10, #11, #13 (3) | | 1 in #10 | | |
| f113r #1-16 | 15 in #1, #2, #4, #5, #6, #7, #8, #11, #12 (2), #13 (3), #15 (2) | 3 in #3, #8, #16 | 12 in #2, #3, #5 (2), #6, #7, #8 (2), #9, #14 (2), #16 | 1 in #4 | | 3 in #5, #8, #9 | 2 in #11, #12 |
| f113v #1-15 | 10 in #1, #3 (2), #5 (2), #6, #8, #14 (2), #15 | 2 in #4, #8 | 7 in #1 (2), #4, #8 (2), #10, #11 | 3 in #2, #3, #4 | | 2 in #4, #9 | 2 in #2, #10 |
| f114r #1-13, Paragraph Label | 20 in #2 (2), #3 (2), #4 (3), #5 (2), #6 (2), #7, #9, #11 (3), #12 (3), #13 | | 2 in #11, #13 | | 1 in #10 | | |
| f114v #1-12 | 15 in #1, #2 (3), #3, #4, #5 (4), #7 (2), #8 (2), #10 | 1 in #10 | 4 in #7, #10, #12 (2) | 1 in #10 | 1 in #1 | 3 in #7, #9, #10 | |
| f115r #1-13 | 24 in #1, #2 (2), #3, #4 (3), #5 (3), #6 (4), #7 (2), #8, #9 (2), #12, #13 (4) | | 9 in #1, #2, #4, #5, #6, #8, #9, #11 (2) | 3 in #12 (2), #13 | 3 in #5 (2), #11 | | |
| f115v #1-13 | 14 in #1 (6), #3, #6 (3), #7, #10 (2), #11 | 1 in #13 | 11 in #1, #3, #4, #8, #10 (2), #12, #13 (4) | 1 in #13 | | | 3 in #3 (2), #8 |
| f116r | 1 in #2 | | 2 in #6, #7 | 2 in #6, #7 | | | |

Table 31.5: Ebb and Flow of Suspected Color/Symptom Diagnostic Criteria across Section 5 Folios

| Paragraph # | [yo]c + e$^{1-4}$o Superclass | [yo]ce$^{1-4}$y | yce$^{1-4}$y + infixed versions | yc + e$^{1-4}$o[lr] | [yo]c + e$^{1-4}$dy | [yo]c + e$^{1-4}$ody |
|---|---|---|---|---|---|---|
| f103r #1-18 | 1 in #1 | 2 in #2, #9 | | | 1 in #1 | |
| f103v #1-14 | 1 in #8 | 1 in #1 | 3 in #1, #11, #13 | | 1 in #5 | 1 in #8 |
| f104r #1-13 | 9 in #2 (2), #3, #5 (2), #8, #9, #10 (2) | | | | 4 in #1 (2), #2 (2) | 4 in #2, #3, #5, #9 |
| f104v #1-13 | 7 in #3, #4, #6, #7, #9 (2), #10 | 4 in #5 (2), #6, #7 | 1 in #12 | 5 in #4, #6, #7, #9 (2) | 3 in #2, #3, #7 | |
| f105r #1-10, Paragraph Label | 4 in #2, #5 (2), #9 | 1 in #9 | | | 2 in #1, #3 | 1 in #2 |
| f105v #1-10 | 3 in #1, #2, #10 | 2 in #4, #5 | 3 in #4, #5, #10 | | 2 in #3 (2) | 1 in #1 |
| f106r #1-15 | 11 in #2, #3 (3), #5, #6, #9, #10, #11, #14, #15 | | | 4 in #2, #3, #5, #11 | 4 in #2, #6, #7, #8 | |
| f106v #1-15 | 3 in #1, #3, #7 | 4 in #4, #10 (2), #11 | 3 in #4, #10, #11 | | 1 in #3 | 1 in #3 |
| f107r #1-15 | 3 in #3, #4, #13 | | | 2 in #3, #4 | 2 in #1, #10 | |
| f107v #1-15 | 3 in #4, #8, #15 | 3 in #4, #15 (2) | 3 in #4, #15 (2) | 1 in #8 | 1 in #1 | 1 in #4 |
| f108r #1-14 | 4 in #1, #8, #10, #11 | 2 in #4, #13 | 1 in #13 | 2 in #8, #10 | 2 in #3 (2) | |
| f108v #1-8 Paragraph Label | | 2 in #8 (2) | 2 in #8 (2) | | 1 in #2 | |
| f111r #1-6 | 2 in #2 (2) | 3 in #2 (2), #3 | 1 in #3 | | 3 in #2 (3) | |
| f111v #1-10 | 1 in #8 | 2 in #5, #8 | 1 in #8 | | | |
| f112r #1-11 | 1 in #5 | | | | 3 in #5, #6, #11 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| f112v #1-13 | 3 in #2, #3, #6 | | | 1 in #6 | 1 in #5 | |
| f113r #1-16 | 3 in #4, #5, #6 | | | | | 1 in #6 |
| f113v #1-15 | 8 in #2, #3 (2), #8, #9, #12, #13, #15 | 1 in #1 | 3 in #1, #9, #15 | 3 in #8, #13, #15 | | 2 in #2, #3 |
| f114r #1-13, Paragraph Label | 6 in #1, #2, #4, #5, #8, #12 | 1 in #8 | | | 3 in #4 (2), #13 | 1 in #1 |
| f114v #1-12 | 4 in #9, #10 (3) | 2 in #10 (2) | 2 in #10, #11 | 1 in #10 | 4 in #1 (2), #3, #4 | 1 in #10 |
| f115r #1-13 | 5 in #1, #5 (2), #8, #10 | 2 in #9, #11 | 2 in #9, #11 | | 2 in #2 (2) | |
| f115v #1-13 | 2 in #1, #13 | 1 in #8 | 2 in #6, #8 | | 2 in #5, #6 | 1 in #1 |
| f116r | | | | | | |

Table 31.6: Ebb and Flow of Primary Remedy/Solution Members across Section 5 Folios

| Paragraph # | [yo][fptk]ai$^{*}$ $^{*}$n | okal | okar | otal | otar | okol | okor | otol | otor | o[fp][ao][lr] | [yo][fptk]e$^{1*}$ $^{*}$od + y |
|---|---|---|---|---|---|---|---|---|---|---|---|
| f103r #1-18 | 31 in #1, #2, #3 (4), #4 (2), #6 (8), #7, #8 (3), #9 (2), #10 (3), #13 (2), #15, #17 (2), #18 | 16 in #1, #2 (2), #3, #5, #6, #7 (2), #8, #9, #10 (2), #11, #14, #15, #16 | 2 in #4, #6 | 5 in #1, #7, #13, #15, #18 | 5 in #1, #3, #7 (2), #14 | 1 in #1 | | 1 in #17 | | | 1 in #2 |
| f103v #1-14 | 34 in #1 (2), #2 (5), #3 (2), #4, #5 (4), #7 (2), #8 (8), #9, #10 (2), #11 (3), #12, #13, #14 (2) | 3 in #1, #3, #6 | | 7 in #5, #6, #7, #8 (3), #11 | 8 in #3, #5, #7, #8, #9 (2), #13, #14 | | | | | **opar:** 1 in #8<br>**opal:**1 in #4 | |
| f104r #1-13 | 26 in #2 (3), #5, #6 (2), #7, #8 (2), #9 (2), #10 (2), #11 (3), #12 (3), #13 (7) | 7 in #1, #2, #4, #9, #10 (2), #11 | 14 in #1, #2 (2), #3 (2), #4 (3), #5, #7, #9, #11 (3) | 7 in #3, #4 (2), #5, #7, #11, #12 | 7 in #2, #5, #6 (2), #11 (2), #12 | 2 in #2, #9 | 2 in #2, #7 | 2 in #3, #4 | 2 in #4, #6 | **opar:** 3 in #6, #8, #11 | 7 in #1 (2), #4, #5 (2), #9, #11<br>**o[fptk]ody:** 1 in #1 |
| f104v #1-13 | 28 in #1 (2), #2, #3 (5), #4, #5 (4), #6, #7, #10 (5), #11 (2), #12 (2), #13 (4) | | 3 in #1, #7, #9 | | 7 in #1 (3), #3, #7 (2), #9 | 3 in #3 (2), #6 | | 4 in #1, #3, #5, #6 | 1 in #7 | | **o[fptk]ody**: 1 in #2 |
| f105r #1-10, Paragraph Label | 8 in #1 (2), #2, #5 (2), #9 (2), #10 | 3 in #9 (2), #10 | 6 in #1, #5, #8, #9, #10 (2) | 1 in #Paragraph Label | 5 in #Paragraph Label, #9, #10 (3) | 1 in #8 | 1 in #2 | 1 in #5 | | **ofor:** 1 in #10<br>**opar:** 2 in #5, #8 | 9 in #1, #2 (3), #3 (2), #4 (2), #5 |
| f105v #1-10 | 25 in #1 (3), #2, #3 (2), #4 (2), #5, #6 (3), #7, #8 (2), #9 (2), #10 (8) | 2 in #2, #4 | 6 in #1, #2, #3 (2), #4 (2) | 3 in #3, #4, #8 | 8 in #2, #3, #6, #7, #8, #9 (2), #10 | 2 in #1, #10 | 1 in #9 | 1 in #1 | 3 in #1, #8, #9 | **opor:** 1 in #10<br>**opar:** 4 in #3, #5, #8, #9 | 3 in #2, #6, #10 |
| f106r #1-15 | 37 in #2, #3, #4, #5 (2), #6, #7 (6), #9 (4), #10 (7), #11 (3), #12, #13, #14, #15 (8) | 6 in #10 (2), #11, #13, #14, #15 | 4 in #3, #4, #9, #15 | 1 in #5 | 8 in #1, #2, #6 (2), #12, #15 (3) | 1 in #6 | 1 in #2 | 2 in #7 (2) | 1 in #3 | **opor:** 1 in #12<br>**opal:**1 in #5 | 3 in #1, #2, #14 |
| f106v #1-15 | 34 in #1 (2), #2 (6), #3, #4 (3), #5, #6 (2), #8 (3), #10 (6), #12 (3), #13, #14, #15 (5) | 5 in #4, #7, #8, #9, #15 | 9 in #1 (2), #5, #7, #8 (3), #10, #13 | 6 in #4 (2), #5, #6 (2), #9 | 9 in #1 (3), #4 (2), #5, #10, #11, #15 | 1 in #8 | 2 in #7, #10 | 1 in #15 | 1 in #12 | **opol:** 1 in #13<br>**opal:**1 in #1 | 3 in #4, #10, #14<br>**o[fptk]ody:** 1 in #10 |
| f107r #1-15 | 47 in #1 (4), #2 (4), #3 (5), #4 (3), #5 (2), #6, #7 (3), #8, #9, #10 (3), #11 (4), #12 (4), #13 (2), #14 (4), #15 (6) | 12 in #3, #7, #8 (3), #9, #10 (2), #12 (3), #14 | 7 in #2, #7, #9, #10 (2), #15 (2) | 10 in #5, #7 (2), #11, #12, #13, #14 (2), #15 (2) | 12 in #1, #2, #3, #4 (3), #8, #9, #10, #11, #12, #14 | | 2 in #3, #11 | | 1 in #1 | **opal:**3 in #6, #10, #14 | 1 in #13 |
| f107v #1-15 | 51 in #1 (3), #2 (4), #3 (4), #4 (9), #5 (7), #6, #8 (4), #9 (4), #10 (5), #11 (2), #12 (5), #13, #15 (2) | 12 in #2, #4 (5), #5 (3), #6, #12, #14 | 10 in #1 (2), #3 (2), #4 (2), #5, #8, #11, #13 | 9 in #1 (4), #4 (2), #6, #7, #8 | 4 in #1, #2, #6, #12 | 5 in #3, #6, #8, #12 (2) | | 2 in #2, #4 | | **opal:**2 in #6, #7 | 3 in #5, #9, #10 |
| f108r #1-14 | 15 in #1, #4 (3), #5 (2), #6, #7 (2), #8 (2), #9, #10, #13, #14 | 9 in #4, #5, #6, #7, #8 (3), #10, #11 | 9 in #2 (2), #3, #6, #10, #13 (3), #14 | 8 in #1, #3, #4, #5, #7 (2), #10, #11 | 2 in #3, #13 | 2 in #6 (2) | 1 in #5 | 1 in #2 | | **ofal:** 1 in #5<br>1 in #11 | 3 in #1, #4, #13 |
| f108v #1-8 Paragraph Label | 12 in #1, #4, #5 (2), #6, #7, #8 (6) | 7 in #2 (3), #5 (2), #8 (2) | 6 in #2 (4), #5 (2) | 3 in #4 (2), #8 | 1 in #5 | | | | | | 1 in #8<br>**o[fptk]ody:** 1 in #1 |
| f111r #1-6 | 14 in #1, #2 (5), #3 (2), #5 (3), #6 (3) | 3 in #6 (3) | 2 in #2 (2) | | 2 in #2, #3 | | | | | | 6 in #2 (6) |
| f111v #1-10 | 77 in #1 (24), #2 (18), #3 (3), #4 (6), #5, #6 (3), #7 (3), #8 (9), #9 (2), #10 (8) | 5 in #1, #2 (2), #8, #10 | 8 in #1 (2), #2 (3), #4, #7 (2) | 5 in #1 (3), #7, #8 | 3 in #1, #7 (2) | | | | | | |
| f112r #1-11 | 15 in #1 (3), #2 (3), #3, #6 (2), #7 (2), #9 (2), #10, #11 | 4 in #3, #9, #10 (2) | 7 in #1 (2), #8, #10 (2), #11 (2) | 3 in #1, #4, #11 | 5 in #1 (4), #9 | | | | | **opol:** 1 in #5<br>**opor:** 1 in #11<br>**opar:** 1 in #8<br>**opal:**2 in #10 (2) | 3 in #6, #9, #11<br>**o[fptk]ody:** 2 in #1 (2) |
| f112v #1-13 | 23 in #1 (2), #2 (3), #3, #4 (2), #5 (2), #6 (2), #7, #10 (2), #11 (3), #12 (3), #13 (2) | 3 in #1, #2, #13 | 2 in #2, #10 | 4 in #1 (2), #2, #4 | 2 in #13 (2) | | 1 in #2 | 1 in #13 | | **opar:** 1 in #2<br>**opal:**2 in #1, #13 | 2 in #4, #9 |
| f113r #1-16 | 32 in #2 (2), #3 (3), #6, #8 (3), #10 (2), #11 (7), #12, #13, #14 (2), #16 (10) | 3 in #2, #8, #16 | 4 in #3, #6, #7, #12 | 6 in #2 (2), #3, #11 (2), #13 | 4 in #2, #6, #11, #12 | 2 in #1, #2 | | | 1 in #16 | | 6 in #1, #4, #7, #14, #16 (2)<br>**o[fptk]ody:** 1 in #16 |
| f113v #1-15 | 53 in #1 (2), #2 (2), #3 (3), #5 (5), #6 (2), #7 (9), #8 (4), #9 (8), #10 (6), #12 (4), #13 (4), #15 (4) | 7 in #1, #5 (2), #6, #9, #10, #15 | 14 in #4, #5 (2), #6 (2), #7 (4), #8, #9, #11 (2), #13 | 1 in #7 | 16 in #1 (5), #3 (2), #4 (3), #5, #6, #7 (2), #8, #12 | 1 in #5 | 1 in #12 | 3 in #4, #8, #9 | 4 in #3, #4, #5, #12 | **opor:** 1 in #2<br>**opal:**1 in #10 | 4 in #1, #2, #6, #14<br>**o[fptk]ody: 2 in #6, #8** |
| f114r #1-13, Paragraph Label | 21 in #Paragraph Label, #1 (2), #2 (2), #3, #4, #5, #8 (2), #9, #10 (2), #11 (2), #12, #13 (5) | 1 in #11 | 10 in #Paragraph Label, #1, #2, #5, #7, #8, #9, #11, #12, #13 | 4 in #5, #10, #11, #13 | 11 in #3, #5 (2), #6, #8, #9, #10, #11, #12, #13 (2) | 2 in #5, #8 | | 3 in #5, #9, #13 | | **opar:** 1 in #6 | **o[fptk]ody:** 1 in #1 |
| f114v #1-12 | 32 in #1 (2), #2 (2), #3 (2), #4 (2), #5 (2), #6 (2), #7, #8 (3), #9 (2), #10 (4), #11, #12 (9) | 4 in #1, #5, #6, #12 | 1 in #12 | 4 in #3, #10 (2), #12 | 5 in #1, #4, #6, #10, #12 | 3 in #5, #7, #10 | 1 in #5 | 3 in #1, #4, #9 | | | 3 in #1, #8, #12<br>**o[fptk]ody:** 2 in #5, #6 |
| f115r #1-13 | 14 in #2, #3, #4, #5 (3), #8, #9 (4), #13 (3) | | 5 in #2, #5, #8, #9, #12 | 1 in #9 | 7 in #2 (2), #8, #13 (4) | 1 in #13 | 2 in #4, #11 | 1 in #5 | 2 in #5 (2) | **opol:** 2 in #1, #9 | 2 in #7 (2) |
| f115v #1-13 | 15 in #1, #2, #3 (3), #5 (4), #6, #10, #12 (2), #13 (2) | | 7 in #1, #3, #5, #8, #10, #11, #13 | 2 in #6 (2) | 4 in #1 (2), #11, #13 | | 2 in #2 (2) | 1 in #3 | | **opol:** 1 in #1<br>**opor:** 1 in #10 | 3 in #1, #2, #6 |
| f116r | 41 in #1 (3), #3 (4), #4 (4), #6 (12), #7 (15), #8 (3) | 5 in #6 (4), #8 | 6 in #6, #8 (5) | 8 in #1, #2, #4, #5 (3), #6 (2) | 7 in #2, #5 (2), #6 (4) | | | 1 in #3 | 1 in #2 | | **o[fptk]ody: 1 in #3** |

Table 31.7: Ebb and Flow of Primary Bath-Related Nouns across Section 5 Folios

| Paragraph # | o[fptk]e$^{0-4}$dy | o[fptk]e0-4dai$^{0-4}$[lrsm \| n] | o[fptk][dlrsmg] and o[tk][lr] | edo | [ao][lr][ao][lr] Pipe/Flow |
|---|---|---|---|---|---|
| f103r #1-18 | 35 in #1 (2), #2 (3), #3 (2), #4 (2), #5, #7 (4), #8, #10 (2), #11, #12 (4), #13 (4), #14 (3), #16 (4), #17, #18 | 2 in #2, #3 | 1 in #2 | | 10 in #1, #2, #4, #6 (2), #14, #16, #17 (3) |
| f103v #1-14 | 21 in #1 (4), #2 (2), #3 (2), #4, #5 (2), #6 (3), #8 (2), #9 (2), #10, #11 (2) | 2 in #6, #13 | | | 5 in #6, #9, #13 (2), #14 |
| f104r #1-13 | 9 in #1 (3), #2, #5 (2), #8, #12, #13 | 1 in #7 | 1 in #12 | 1 in #4 | 5 in #5, #7, #8, #10, #12 |
| f104v #1-13 | 14 in #1 (3), #3 (5), #4, #11 (3), #13 (2) | 2 in #7, #12 | | 5 in #1, #3 (2), #5, #8 | 13 in #1 (4), #2, #6, #7, #8, #9, #10 (2), #12, #13 |
| f105r #1-10, Paragraph Label | 20 in #1 (3), #2 (3), #3 (2), #4 (2), #5 (5), #7, #8 (3), #10 | 3 in #5, #8, #10 | 2 in #3, #9 | | 7 in #4 (2), #5 (2), #6, #7, #10 |
| f105v #1-10 | 9 in #1 (4), #2, #3, #8, #9 (2) | 3 in #6, #7, #10 | 3 in #5, #6, #7 | 4 in #1, #3, #4, #8 | 8 in #1 (2), #3, #4, #5, #6 (2), #10 |
| f106r #1-15 | 18 in #1 (3), #3 (2), #4 (3), #7 (3), #8 (3), #13, #15 (3) | 3 in #3, #6, #11 | | 1 in #3 | 11 in #2, #3 (2), #6, #8 (2), #10, #11, #13, #15 (2) |
| f106v #1-15 | 10 in #4, #8, #10 (2), #14 (2), #15 (4) | 3 in #13 (2), #15 | | | 13 in #1 (2), #2 (2), #5 (2), #8 (2), #9, #10, #11, #14, #15 |
| f107r #1-15 | 8 in #2 (2), #3 (4), #12, #14 | | 2 in #11, #12 | | 17 in #1 (2), #3, #4 (2), #5, #7 (3), #8, #9 (2), #10, #11, #12 (2), #15 |
| f107v #1-15 | 12 in #1 (2), #3 (3), #4, #5, #9, #10, #11, #15 (2) | 1 in #3 | 1 in #5 | 1 in #2 | 9 in #1, #4, #5 (2), #6 (2), #12, #13, #14 |
| f108r #1-14 | 81 in #1 (6), #2 (6), #3 (3), #6 (6), #7, #8 (7), #9 (5), #10 (14), #11 (2), #12 (2), #13 (10), #14 (19) | 9 in #1, #3, #6 (2), #8 (2), #9, #10, #13 | | 1 in #13 | 8 in #6, #8, #10, #11, #13 (4) |
| f108v #1-8 Paragraph Label | 64 in #Paragraph Label, #1 (5), #2 (11), #3 (4), #4 (2), #5 (3), #6, #7 (12), #8 (25) | 18 in #1 (4), #2 (4), #3, #5 (4), #7 (3), #8 (2) | | | 8 in #2, #3, #4, #5 (2), #6, #8 (2) |
| f111r #1-6 | 38 in #1 (3), #2 (25), #3 (8), #4, #5 | 8 in #1, #2 (5), #3, #4 | 1 in #3 | | 5 in #2 (2), #3 (2), #6 |
| f111v #1-10 | 15 in #1 (10), #8 (4), #9 | 4 in #1 (4) | 4 in #2, #3 (2), #8 | | 8 in #1, #3 (2), #7 (4), #10 |
| f112r #1-11 | 34 in #1 (6), #2 (3), #3 (3), #4 (2), #5 (5), #6 (4), #8 (3), #9 (4), #10, #11 (3) | 2 in #1, #3 | | | 14 in #1 (3), #3, #4, #6, #7 (2), #8 (2), #10, #11 (3) |
| f112v #1-13 | 29 in #1 (4), #2, #3 (2), #4 (5), #5, #6 (2), #7, #8 (2), #9, #10 (5), #11 (2), #12, #13 (2) | 8 in #3 (2), #4, #8, #10, #11, #12, #13 | | 2 in #8, #10 | 9 in #1, #2, #4, #5, #8, #9 (2), #12, #13 |
| f113r #1-16 | 12 in #1 (2), #2, #5, #6 (2), #9 (2), #10 (2), #12, #16 | | | 1 in #2 | 6 in #1, #14, #15, #16 (3) |
| f113v #1-15 | 13 in #2 (4), #3, #4 (2), #10, #11 (2), #12, #15 (2) | 2 in #2, #5 | 1 in #2 | 1 in #1 | 19 in #1 (4), #4 (2), #5 (2), #7 (2), #9 (3), #10 (2), #11, #12, #13, #14 |
| f114r #1-13, Paragraph Label | 15 in #1, #2 (2), #3, #4, #6 (2), #8, #9 (3), #12 (3), #13 | 11 in #3, #5 (5), #7, #9 (3), #10 | 5 in #5 (4), #9 | 7 in #1, #2 (3), #3, #5, #6 | 9 in #1, #3 (2), #4, #5, #8, #11, #13 (2) |
| f114v #1-12 | 11 in #1 (4), #3 (2), #4, #7, #8 (2), #11 | 5 in #1, #3, #7, #11, #12 | 1 in #1 | 5 in #1 (3), #7, #9 | 1 in #7 |
| f115r #1-13 | 11 in #1 (2), #2 (5), #3 (2), #9, #13 | 2 in #4, #5 | 2 in #7, #12 | 2 in #5, #7 | 15 in #1 (4), #2, #3, #4, #5, #6 (2), #8, #9, #10, #11, #13 |
| f115v #1-13 | 16 in #1 (4), #5, #6, #7 (5), #8 (2), #9, #12 (2) | 3 in #1, #7, #9 | 1 in #1 | 5 in #1, #4, #8, #12, #13 | 4 in #5, #9, #12, #13 |
| f116r | 24 in #2 (3), #3 (4), #4 (4), #5 (2), #6 (8), #7 (3) | 3 in #3, #4, #5 | 1 in #7 | | 10 in #2, #4, #5, #6 (3), #7 (2), #8 (2) |

Table 31.8: Ebb and Flow of Primary Ingredient Categories across Section 5 Folios

| Paragraph # | c \| c[s \| fptk] + e$^{1-4}$dy | c + c[s \| fptk]e$^{1-4}$y | ceckey relatives | [fptk \| dlrsmg] + c \| c[s \| fptk] + e$^{1-4}$o | [fptk \| dlrsmg] + c \| c[s \| fptk] + e$^{1-4}$o[dlrsmg] |
|---|---|---|---|---|---|
| f103r #1-18 | 37 in #1 (4), #2 (5), #3 (5), #4 (2), #6 (3), #7, #8, #9 (2), #10 (2), #11 (2), #12 (2), #13 (2), #15, #16 (2), #17, #18 (2) | 30 in #2, #3 (6), #4 (2), #5 (2), #6 (3), #8 (4), #9 (2), #12, #13, #14 (2), #15 (2), #17 (4) | 14 in #1, #3, #4, #5, #6, #7 (2), #8, #10 (2), #11, #13 (2), #14 | 1 in #14 | 16 in #2, #4 (2), #5, #7, #10, #11, #12, #14 (4), #16 (3), #17 |
| f103v #1-14 | 28 in #1 (4), #2 (5), #3 (2), #4 (3), #5 (2), #6 (3), #7, #8, #10 (2), #12, #13, #14 (3) | 33 in #1 (2), #2 (4), #3, #4, #5, #6 (2), #8 (2), #9 (3), #10 (2), #11 (4), #12 (4), #13 (5), #14 (2) | 14 in #1, #6, #9 (2), #10, #11 (2), #13, #14 (6) | 2 in #5, #9 | 13 in #1, #2 (4), #3 (2), #4, #5, #10, #13 (2), #14 |
| f104r #1-13 | 10 in #1 (2), #2 (2), #3, #4, #5, #7, #10, #13 | 11 in #1 (2), #3, #7 (2), #8, #9 (2), #10, #13 (2) | 3 in #7 (3) | 6 in #2 (3), #4, #7, #8 | 15 in #2, #6, #7 (4), #8, #9 (2), #10 (4), #12, #13 |
| f104v #1-13 | 22 in #1 (3), #2 (5), #3 (2), #5 (3), #6 (2), #7, #11, #12 (2), #13 (3) | 18 in #1, #2, #5, #7 (4), #9 (2), #10, #12 (4), #13 (4) | | 11 in #2, #3, #4, #6 (2), #7, #8, #9, #10, #12, #13 | 28 in #1 (4), #2 (2), #3 (4), #4, #5 (2), #6 (4), #7 (2), #8 (4), #9, #10 (3), #11 |
| f105r #1-10, Paragraph Label | 16 in #1, #2, #3 (4), #5 (5), #6 (2), #7, #9, #10 | 11 in #1 (2), #2 (3), #3 (2), #5, #6, #7 (2) | 1 in #4 | 3 in #1, #6, #7 | 5 in #1, #4, #5, #6, #8 |
| f105v #1-10 | 4 in #2, #3, #8, #10 | 8 in #2, #4 (2), #6 (2), #9, #10 (2) | | 6 in #2, #5, #6, #9, #10 (2) | 6 in #3, #4, #5, #7, #10 (2) |
| f106r #1-15 | 17 in #1 (3), #3, #5, #7 (2), #9, #12, #13 (2), #14 (4), #15 (2) | 9 in #7 (2), #10 (2), #14 (4), #15 | 2 in #2, #11 | 17 in #2 (2), #5 (2), #7, #9 (2), #10 (4), #11, #12 (2), #13 (3) | 23 in #1 (2), #2 (4), #3, #4, #5, #6 (2), #7, #10 (4), #12, #14 (3), #15 (3) |
| f106v #1-15 | 24 in #1, #4 (4), #5 (3), #6, #7, #8 (3), #9, #10, #12 (3), #13, #15 (5) | 15 in #1, #4 (2), #6, #8, #10, #11 (2), #14, #15 (6) | 1 in #1 | 9 in #1 (2), #2 (2), #5, #6, #7 (2), #13 | 16 in #1, #2, #3, #7, #8 (7), #10 (3), #12, #15 |
| f107r #1-15 | 13 in #1, #2, #3 (2), #4 (3), #8, #10 (3), #11, #14 | 28 in #1, #3 (5), #4 (2), #5 (3), #6 (4), #8 (2), #9, #10 (4), #11, #12 (2), #13, #14 (2) | 2 in #2, #11 | 4 in #3, #10, #11, #12 | 19 in #1, #3 (2), #4, #5, #6 (2), #8 (2), #9, #10 (2), #11 (2), #12 (2), #14, #15 (2) |
| f107v #1-15 | 11 in #1, #2, #3, #4 (2), #9, #11 (2), #12, #15 (2) | 16 in #1 (2), #3 (2), #5, #8, #9 (3), #10 (2), #11, #15 (4) | 2 in #5, #14 | 2 in #2, #8 | 17 in #1, #4 (2), #5 (3), #6 (3), #7, #8 (2), #9, #10, #11 (2), #12 |
| f108r #1-14 | 29 in #1 (2), #2 (2), #3, #5 (2), #6 (4), #7 (2), #8 (3), #10 (2), #11 (5), #12 (2), #13 (2), #14 (2) | 13 in #2, #3 (2), #5 (2), #6 (2), #7 (2), #12, #13 (2), #14 | 3 in #5, #10, #14 | 3 in #2, #13 (2) | 10 in #2, #5 (2), #6, #7 (2), #8, #10, #13, #14 |
| f108v #1-8 Paragraph Label | 22 in #2 (2), #3, #4 (3), #5, #6 (2), #7 (4), #8 (9) | 30 in #2 (2), #3 (2), #4 (2), #5 (5), #6 (2), #7, #8 (16) | 10 in #1, #3 (2), #5 (2), #8 (5) | 3 in #5 (3) | 19 in #1, #3, #4 (2), #5 (2), #6 (2), #7, #8 (10) |
| f111r #1-6 | 30 in #1 (4), #2 (18), #3 (5), #4 (3) | 19 in #1 (3), #2 (12), #4 (2), #6 (2) | 10 in #1, #2 (4), #3, #5 (2), #6 (2) | 9 in #2 (6), #3, #4 (2) | 11 in #1 (2), #2 (6), #3 (2), #4 |
| f111v #1-10 | 27 in #1 (10), #2 (6), #4, #6, #7, #8 (8) | 34 in #1 (6), #2 (7), #3 (5), #5 (2), #6 (3), #7, #8 (2), #9 (3), #10 (5) | 14 in #1 (6), #2 (2), #8 (2), #9 (2), #10 (2) | 5 in #1 (3), #2, #8 | 12 in #1 (9), #2 (2), #3 |
| f112r #1-11 | 14 in #1 (3), #2 (2), #3, #5 (3), #6, #7 (2), #8, #11 | 7 in #1, #2, #3 (3), #5, #10 | 2 in #6, #8 | 1 in #3 | 9 in #1 (2), #3, #4, #5, #6 (3), #11 |
| f112v #1-13 | 21 in #1, #3 (2), #4 (3), #5 (2), #6 (3), #7 (2), #9, #10, #11 (3), #12, #13 (2) | 9 in #1, #2, #4 (3), #7, #8 (2), #13 | 6 in #7 (2), #10 (2), #12 (2) | 1 in #11 | 17 in #1, #3 (2), #5 (3), #7 (2), #8, #10 (2), #11 (2), #12 (3), #13 |
| f113r #1-16 | 10 in #1, #2 (2), #6 (2), #9, #11, #15 (2), #16 | 18 in #2 (3), #3 (2), #4, #6, #7, #14 (4), #15, #16 (5) | 7 in #2 (2), #6, #7, #8, #11, #16 | 12 in #2, #3 (2), #4, #5 (2), #6, #10, #12, #14, #16 (2) | 40 in #2 (3), #3 (2), #4 (4), #5 (3), #6 (2), #7 (3), #8 (4), #9, #10 (6), #11, #13 (2), #15 (4), #16 (5) |

| | | | | | |
|---|---|---|---|---|---|
| f113v #1-15 | 9 in #5 (3), #9 (3), #10, #12, #15 | 12 in #1 (2), #4, #5 (2), #9, #12, #14 (2), #15 (3) | 2 in #3, #10 | 3 in #5, #8, #11 | 18 in #2 (2), #4, #5 (6), #7 (2), #8 (2), #9 (2), #12 (2), #15 |
| f114r #1-13, Paragraph Label | 18 in #2 (6), #4, #5 (2), #7, #8 (2), #9 (2), #10 (2), #13 (2) | 7 in #3, #8 (3), #11, #12, #13 | | 9 in #2, #5, #6, #7, #8, #10, #11, #13 (2) | 13 in #1, #3, #4, #5, #8 (2), #9 (2), #11, #12 (2), #13 (2) |
| f114v #1-12 | 16 in #1 (3), #2 (3), #3 (2), #4 (2), #5 (2), #7 (2), #9, #10 | 6 in #2, #5, #7 (2), #11, #12 | 1 in #11 | 8 in #2, #5, #6, #7, #9, #10 (2), #12 | 11 in #1, #2, #5 (4), #7, #8, #11 (2), #12 |
| f115r #1-13 | 19 in #1 (2), #2 (2), #4 (2), #5 (3), #6, #7 (4), #8, #9 (3), #12 | 21 in #2 (2), #4, #5 (3), #6 (3), #7 (3), #8 (2), #9 (3), #10 (2), #11 (2) | 2 in #7, #9 | 12 in #4 (3), #5 (3), #8, #9 (3), #12, #13 | 29 in #1 (2), #2 (3), #3 (4), #4, #5 (3), #6 (3), #7 (2), #8 (3), #9 (3), #11 (2), #13 (3) |
| f115v #1-13 | 13 in #2, #3, #5, #6, #7 (2), #8 (3), #9 (2), #11, #13 | 6 in #5, #8, #10 (2), #13 (2) | 2 in #11 (2) | 12 in #3, #5 (2), #6, #7, #8 (4), #11 (2), #13 | 13 in #1, #3, #4, #5 (2), #8, #11 (2), #12 (3), #13 (2) |
| f116r | 32 in #1, #2 (4), #3 (2), #4 (5), #5 (4), #6 (12), #7 (4) | 41 in #1 (4), #2, #4 (3), #5, #6 (9), #7 (18), #8 (5) | 14 in #2, #4, #6 (3), #7 (7), #8 (2) | | 7 in #3, #4 (2), #6 (3), #7 |

Table 31.9: Ebb and Flow of Primary Semantic Verb Differentiators across Section 5 Folios

| Paragraph # | c + e$^{\text{`}\ \text{+}}$a | cedai$^{\text{`}\ \text{+}}$[lrsm \| n] | [fptk \| dlrs] prefixes to dai$^{\text{`}\ \text{+}}$[lrsm \| n] | a[lr][fptk] | rai$^{\text{`}\ \text{+}}$n | dai$^{\text{`}\ \text{+}}$n | dai$^{\text{`}\ \text{+}}$m |
|---|---|---|---|---|---|---|---|
| f103r #1-18 | 17 in #1 (2), #2, #3 (3), #6, #7, #9, #10, #12, #13, #14, #15 (3), #17 | 14 in #1 (5), #7, #8 (2), #10 (2), #12, #16 (2), #18 | | 3 in #7, #9, #13 | 1 in #3 | 6 in #1 (2), #2, #3, #7, #8 | |
| f103v #1-14 | 20 in #1, #3 (2), #4, #5, #6 (4), #7 (2), #8 (2), #10 (2), #13 (4), #14 | 1 in #5 | | 1 in #6 | 2 in #13, #14 | 8 in #1 (2), #4, #6, #9, #10, #11, #13 | |
| f104r #1-13 | 14 in #1, #5, #6 (2), #7 (4), #8 (3), #9 (2), #11 | 16 in #1 (3), #2 (4), #3, #6, #7, #8 (3), #9 (2), #10 | 1 in #1 | 1 in #12 | | 7 in #2, #4, #7, #8 (2), #9, #13 | 2 in #2, #7 |
| f104v #1-13 | 5 in #4, #9 (2), #12, #13 | 12 in #1 (3), #3, #4 (2), #5, #6, #7, #10, #11, #12 | | | 2 in #8, #13 | 6 in #3, #4, #7 (2), #8, #13 | 1 in #1 |
| f105r #1-10, Paragraph Label | | 3 in #Paragraph Label, #3, #5 | 3 in #3, #5, #7 | 1 in #9 | 5 in #1, #2, #4, #5, #8 | 6 in #4, #5 (3), #6, #9 | 2 in #5, #6 |
| f105v #1-10 | | 13 in #1 (2), #2 (2), #3, #4, #5, #6 (2), #8, #10 (3) | 1 in #3 | 4 in #3, #7, #8 (2) | | 15 in #2 (2), #3 (2), #4 (4), #6, #7, #8, #9 (2), #10 (2) | 1 in #6 |
| f106r #1-15 | 10 in #2, #7 (2), #9, #10 (2), #14 (2), #15 (2) | 10 in #1, #6 (3), #9 (2), #14, #15 (3) | 1 in #7 | 1 in #15 | 4 in #2, #4, #10 (2) | 4 in #5, #6, #13, #15 | |
| f106v #1-15 | 14 in #1, #2 (2), #3, #4 (2), #7, #8 (2), #9, #10 (2), #15 (2) | 11 in #1 (4), #6, #7, #8 (2), #9, #11, #15 | | 1 in #4 | 5 in #4, #6, #13, #15 (2) | 3 in #1 (2), #2 | |
| f107r #1-15 | 19 in #2, #3 (2), #4 (4), #7 (2), #8 (3), #10 (2), #11, #12 (2), #15 (2) | 6 in #2 (2), #3, #4, #8, #12 | | 3 in #11, #14, #15 | 4 in #1, #4, #7, #10 | 6 in #2, #7, #10, #11, #13 (2) | |
| f107v #1-15 | 7 in #2, #4, #7 (3), #12, #14 | 1 in #6 | 2 in #2, #15 | 6 in #1 (2), #5, #6, #7 (2) | 4 in #5, #10 (2), #12 | 7 in #1 (3), #4, #7, #12, #15 | |
| f108r #1-14 | 8 in #2, #5, #6, #7, #8 (2), #13 (2) | 15 in #1, #2, #3, #8 (3), #9, #11 (3), #13 (4), #14 | 5 in #1, #3, #6, #7, #13 | 6 in #6, #8, #9, #10, #12, #14 | 3 in #4, #6, #8 | 11 in #3, #4 (2), #5 (2), #6 (2), #13, #14 (3) | |
| f108v #1-8 Paragraph Label | 24 in #Paragraph Label, #1, #2 (2), #4, #5 (5), #6, #8 (13) | 17 in #1 (3), #2 (3), #5 (3), #7 (3), #8 (5) | 9 in #2 (3), #3, #4 (2), #5, #8 (2) | 2 in #1, #4 | 5 in #2, #3, #5 (2), #7 | 14 in #1, #3, #5 (6), #7, #8 (5) | 1 in #2 |
| f111r #1-6 | 24 in #1 (3), #2 (5), #3 (2), #4 (3), #5 (4), #6 (7) | 14 in #1, #2 (9), #3 (3), #4 | 5 in #2 (2), #3, #4, #5 | 1 in #2 | 3 in #2, #3, #6 | 19 in #1, #2 (14), #3 (3), #6 | 2 in #2, #5 |
| f111v #1-10 | 49 in #1 (13), #2 (9), #3 (2), #5 (2), #6 (6), #7, #8 (9), #9 (3), #10 (4) | 9 in #1 (5), #2, #3, #9, #10 | 1 in #3 | 6 in #1, #2 (2), #6, #8, #9 | 1 in #1 | 7 in #1 (3), #2 (2), #8 (2) | |
| f112r #1-11 | 5 in #3, #6 (2), #8, #10 | 6 in #1 (2), #5, #7 (2), #8 | 2 in #5, #9 | 2 in #7, #10 | 2 in #4, #11 | | 1 in #1 |
| f112v #1-13 | 11 in #1 (2), #3, #4 (2), #12 (2), #13 (4) | 18 in #2, #3 (2), #4 (2), #6 (3), #7 (2), #9, #10 (4), #11 (2), #13 | 3 in #8, #11, #13 | 2 in #9, #13 | | 8 in #1, #2, #3 (2), #4, #11, #12 (2) | |
| f113r #1-16 | 22 in #2, #5, #6 (4), #7 (2), #9 (2), #10 (2), #11 (7), #12, #13, #14 | 12 in #1, #5, #6, #7 (2), #9, #12 (3), #13, #15, #16 | | 2 in #10, #15 | 1 in #10 | 5 in #3, #4, #10, #13 (2) | |
| f113v #1-15 | 11 in #3, #6 (4), #9 (3), #10, #13, #14 | 3 in #5 (2), #6 | 1 in #4 | 2 in #8, #12 | 2 in #5, #7 | 6 in #2, #5, #6, #9, #10, #13 | |
| f114r #1-13, Paragraph Label | 3 in #2, #10, #12 | 30 in #Paragraph Label, #2 (5), #3 (5), #4, #5 (2), #6 (4), #8, #9 (3), #10 (2), #11 (3), #12, #13 (2) | 4 in #1, #5, #7, #9 | 2 in #Paragraph Label, #10 | 2 in #1, #11 | 16 in #2 (3), #3 (2), #4, #5, #6, #8, #9, #10, #12 (2), #13 (3) | 1 in #3 |
| f114v #1-12 | 3 in #1, #4, #5 | 28 in #1 (7), #2 (3), #3 (5), #4 (2), #5 (4), #7 (4), #8, #9, #10 | 1 in #4 | 2 in #8, #12 | 1 in #10 | 9 in #1 (2), #3, #4 (2), #7 (2), #12 (2) | 1 in #5 |
| f115r #1-13 | 6 in #9 (3), #10 (2), #11 | 17 in #1 (2), #2 (7), #3 (2), #4, #7, #9 (2), #12, #13 | | 1 in #9 | 6 in #4, #9 (2), #11 (2), #13 | 7 in #4, #5 (2), #9, #10, #11, #13 | 1 in #5 |
| f115v #1-13 | 8 in #6, #8, #10, #11, #12 (4) | 19 in #1 (2), #2, #3 (2), #5 (2), #6, #7, #9 (2), #10 (4), #11, #12, #13 (2) | 3 in #1, #5, #11 | | 3 in #6, #11, #12 | 2 in #5, #6 | |
| f116r | 24 in #1 (3), #4 (2), #6 (7), #7 (11), #8 | 1 in #4 | | | 12 in #4, #6 (2), #7 (9) | 14 in #1, #2, #4 (2), #5 (3), #6 (3), #7 (2), #8 (2) | |

Table 31.10: Ebb and Flow of Presumed Sensory Hierarchy and Processing Differentiators across Section 5 Folios

| Paragraph # | oa | oi | oe$^{\text{`}\ \text{+}}$o | eka | eta | c + e$^{\text{`}\ \text{+}}$ + [fptk] Endings | eky | ety |
|---|---|---|---|---|---|---|---|---|
| f103r #1-18 | 3 in #3 (3) | 2 in #3, #10 | 2 in #8, #12 | 4 in #1, #4 (3) | | 4 in #1 (2), #2, #14 | 2 in #2, #5 | 3 in #3, #10 (2) |
| f103v #1-14 | 3 in #2, #13 (2) | 7 in #2 (2), #3, #5, #6, #8, #13 | 1 in #2 | | 2 in #11, #14 | | 1 in #2 | 2 in #8, #12 |
| f104r #1-13 | 6 in #1, #4, #6, #11, #12 (2) | 3 in #10, #12, #13 | | 1 in #6 | | | | |
| f104v #1-13 | 1 in #2 | 4 in #1, #7, #11, #12 | 3 in #1, #3, #9 | 2 in #1, #6 | 3 in #4 (2), #10 | | 3 in #3 (2), #4 | |
| f105r #1-10, Paragraph Label | 3 in #3 (2), #4 | 5 in #Paragraph Label, #1, #3, #4, #8 | 3 in #2, #3, #5 | 1 in #5 | | | 1 in #9 | |
| f105v #1-10 | 7 in #1, #8, #9, #10 (4) | 2 in #1, #3 | 2 in #8, #10 | 1 in #1 | 1 in #9 | | | |
| f106r #1-15 | 4 in #4, #6, #14, #15 | 2 in #2, #6 | | 2 in #10, #15 | | | 1 in #1 | |
| f106v #1-15 | 8 in #1, #2, #9, #11, #13, #14, #15 (2) | 2 in #10, #15 | 1 in #9 | 2 in #2, #15 | 1 in #1 | | 2 in #11, #15 | |
| f107r #1-15 | 5 in #6 (2), #10, #12, #15 | 4 in #3, #4, #12, #14 | | 6 in #3, #9, #10, #12, #15 (2) | 1 in #4 | 3 in #11, #15 (2) | 4 in #4 (2), #8, #10 | 1 in #15 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| f107v #1-15 | 4 in #10 (2), #12, #15 | | | 4 in #1, #4, #5, #10 | | | 3 in #1, #4 (2) | |
| f108r #1-14 | 2 in #8 (2) | 2 in #3, #4 | 1 in #13 | 2 in #2, #3 | 2 in #3, #6 | | 2 in #1 (2) | 1 in #1 |
| f108v #1-8 Paragraph Label | 2 in #5, #8 | | | | | 1 in #5 | 2 in #5, #8 | 1 in #2 |
| f111r #1-6 | 4 in #2 (3), #4 | 4 in #1, #2 (2), #3 | 1 in #2 | 7 in #2 (6), #5 | 4 in #1, #2 (3) | 2 in #1, #2 | 2 in #1, #2 | |
| f111v #1-10 | 4 in #1, #6, #7, #8 | 2 in #1, #10 | | 9 in #1, #4, #5, #6, #7, #8, #9, #10 (2) | 5 in #1 (2), #2, #4, #7 | | 1 in #8 | |
| f112r #1-11 | 7 in #1 (2), #2, #3, #4, #5, #11 | 4 in #5, #6, #7 (2) | | 1 in #11 | | | 1 in #4 | 2 in #5, #6 |
| f112v #1-13 | 6 in #1 (3), #2, #12, #13 | 4 in #5, #6, #8, #11 | 3 in #1 (2), #13 | 5 in #2 (2), #5, #8, #10 | 2 in #5, #13 | | 3 in #2, #11, #13 | |
| f113r #1-16 | 17 in #1, #2 (2), #3, #4 (5), #6, #8, #9, #10, #11, #16 (3) | 2 in #5, #7 | 2 in #4, #6 | 6 in #2, #6, #8, #11, #12, #16 | 2 in #1, #16 | | 4 in #3, #11 (2), #15 | 1 in #4 |
| f113v #1-15 | 3 in #1, #7, #9 | 2 in #12, #13 | | 1 in #13 | | 2 in #7, #9 | 3 in #5, #7, #10 | |
| f114r #1-13, Paragraph Label | 7 in #3, #5, #8, #9 (2), #11, #13 | 5 in #1, #4, #5, #12, #13 | 3 in #1, #5, #12 | 1 in #11 | | | 1 in #9 | 1 in #8 |
| f114v #1-12 | 7 in #4, #5 (2), #10, #11 (2), #12 | 1 in #4 | 5 in #3, #4, #5, #10, #12 | | 2 in #9, #10 | 1 in #4 | 1 in #6 | |
| f115r #1-13 | 4 in #6, #7, #8, #9 | 1 in #1 | 3 in #5, #9, #13 | 2 in #4, #13 | 2 in #5, #8 | 1 in #13 | 1 in #9 | 1 in #9 |
| f115v #1-13 | 1 in #13 | 7 in #1 (3), #2, #6, #7, #12 | 1 in #2 | 3 in #8, #12 (2) | 1 in #8 | 1 in #7 | 2 in #1, #11 | 1 in #10 |
| f116r | 2 in #1, #4 | 5 in #2 (2), #6, #7 (2) | | 4 in #7 (4) | 4 in #4, #5, #6, #7 | 2 in #7 (2) | 5 in #2, #6, #7 (2), #8 | 1 in #4 |

Table 31.11: Ebb and Flow of Primary Connectives and Initiators across Section 5 Folios

| Paragraph # | lc-initial | l[fptk] Prefixes | l[drs] Prefixes & ll | Consonant Clusters | c \| cs + e*-*[dlrsmg] | [dlrsmg]e*-*y |
|---|---|---|---|---|---|---|
| f103r #1-18 | 9 in #6, #7, #12, #13, #16 (2), #17 (2), #18 | 12 in #1, #2, #3 (3), #6 (2), #9 (3), #16, #18 | 2 in #6, #17 | 2 in #6, #17 | 2 in #13, #17 | 1 in #18 |
| f103v #1-14 | 23 in #2 (2), #5 (3), #6 (2), #8 (2), #9, #10, #11 (3), #12, #13 (6), #14 (2) | 10 in #1, #3, #6 (2), #9 (2), #11, #14 (3) | 2 in #3, #4 | 1 in #4 | 3 in #3, #11, #13 | 2 in #1, #2 |
| f104r #1-13 | 3 in #6, #9, #12 | 14 in #2 (3), #3, #4, #7 (2), #9 (6), #12 | 2 in #7, #13 | 3 in #7, #8 (2) | 6 in #1, #2, #6, #7 (3) | 1 in #12 |
| f104v #1-13 | 12 in #2, #3 (2), #4, #6, #7, #9 (3), #10 (2), #13 | 8 in #4, #5, #9 (2), #10, #12 (2), #13 | 3 in #3, #7, #8 | 3 in #1, #3, #4 | 5 in #1, #3, #4, #8, #13 | 1 in #1 |
| f105r #1-10, Paragraph Label | 2 in #2, #9 | 8 in #4 (2), #5 (2), #9 (4) | **ll:** 1 in #4 | 1 in #4 | 2 in #7, #9 | 3 in #3, #5, #8 |
| f105v #1-10 | 3 in #2, #3, #10 | 12 in #2, #3 (2), #4 (2), #5, #6, #7, #8, #10 (3) | 1 in #4 | 7 in #3, #4 (2), #7, #8 (2), #10 | 6 in #1, #4, #7, #8, #10 (2) | 2 in #8, #9 |
| f106r #1-15 | 13 in #1, #2 (3), #3, #4 (3), #6, #9, #10, #12, #14 | 19 in #1, #2, #4, #6, #7 (3), #9 (3), #10 (3), #12 (4), #14, #15 | | | 3 in #1, #10, #15 | |
| f106v #1-15 | 4 in #1, #4, #7, #9 | 4 in #4, #7 (2), #15 | | | 3 in #1, #4, #8 | 5 in #2 (2), #5, #10, #15 |
| f107r #1-15 | 5 in #3, #4, #7, #10, #11 | 22 in #2 (2), #3, #7 (2), #8 (2), #9 (2), #10, #11 (5), #12, #15 (6) | **ll:** 1 in #7 | 2 in #10, #15 | 3 in #9 (2), #11 | 1 in #6 |
| f107v #1-15 | 5 in #4, #8, #10, #11, #13 | 30 in #1 (3), #2, #3 (2), #4, #5 (3), #7, #8, #9 (6), #10, #11 (2), #12 (2), #13 (3), #14 (2), #15 (2) | | 1 in #5 | | 2 in #2, #15 |
| f108r #1-14 | 6 in #13, #14 (5) | 16 in #1, #2, #3, #6 (2), #7, #8 (2), #10, #11, #12 (2), #14 (4) | | | 5 in #1, #2, #4, #10, #14 | 1 in #1 |
| f108v #1-8 Paragraph Label | 17 in #Paragraph Label, #2 (2), #4 (2), #5, #7, #8 (10) | 26 in #1 (6), #2 (4), #4 (3), #5 (5), #6, #7, #8 (6) | 3 in #4, #5 (2)<br>**ll:** 2 in #5, #8 | 2 in #5, #8 | 7 in #2 (3), #7 (3), #8 | |
| f111r #1-6 | 25 in #1 (3), #2 (17), #3 (3), #5 (2) | 48 in #1 (2), #2 (21), #3 (10), #4 (9), #5 (5), #6 | 1 in #2 | 2 in #2 (2) | 4 in #2 (3), #6 | 2 in #2 (2) |
| f111v #1-10 | 17 in #1 (7), #2, #6, #7 (2), #8 (4), #9 (2) | 28 in #1 (7), #2 (4), #3 (2), #4 (2), #5, #7 (3), #8 (7), #9 (2) | 4 in #1 (2), #3, #5<br>**ll:** 3 in #3, #4, #5 | 2 in #1, #5 | 3 in #1 (2), #3 | 1 in #8 |
| f112r #1-11 | 3 in #4, #7, #8 | 4 in #5 (2), #6, #10 | | | 1 in #3 | 4 in #1, #2, #3, #4 |
| f112v #1-13 | 1 in #12 | 6 in #1, #7, #10, #11 (3) | | | 2 in #12, #13 | 1 in #11 |
| f113r #1-16 | 10 in #5 (2), #7, #9, #10 (2), #11, #12, #15, #16 | 37 in #1, #2 (2), #3, #4, #5 (6), #6, #7, #8 (4), #9 (2), #10 (2), #11, #12, #13, #14 (3), #15 (4), #16 (6) | 1 in #12 | 1 in #7 | 5 in #1 (2), #5, #14 (2) | 1 in #7 |
| f113v #1-15 | 8 in #2, #3, #5, #6, #7, #9, #11, #15 | 23 in #1 (2), #3, #4, #5 (2), #6 (4), #7, #8 (2), #9, #10, #11, #12, #13, #14, #15 (4) | 3 in #12, #14, #15 | 2 in #7, #12 | 2 in #5, #6 | 2 in #13, #15 |
| f114r #1-13, Paragraph Label | 4 in #5, #6 (3) | 4 in #1, #5, #9, #11 | 1 in #5 | | 3 in #1, #5, #13 | 1 in #1 |
| f114v #1-12 | 1 in #1 | 3 in #9, #10, #11 | 1 in #5 | 2 in #1, #12 | 2 in #2, #4 | 2 in #1, #8 |
| f115r #1-13 | 7 in #2, #5 (2), #6, #9, #12, #13 | 12 in #5 (4), #6, #7, #9 (4), #11, #12 | 2 in #5, #7<br>**ll:** 1 in #8 | | 7 in #2 (3), #5 (2), #7, #10 | 2 in #2, #10 |
| f115v #1-13 | 14 in #1, #3, #4, #5, #6, #7 (2), #8 (2), #9, #10, #11 (2), #13 | 35 in #1 (2), #3 (3), #4, #5 (6), #6 (2), #7 (2), #8 (2), #9 (3), #10, #11 (2), #12 (6), #13 (5) | 6 in #5 (3), #9, #11, #12<br>**ll:** 1 in #12 | 3 in #5 (2), #13 | 6 in #1, #2, #5, #9, #10, #12 | 1 in #7 |
| f116r | 20 in #1 (2), #2, #3 (2), #5, #6 (6), #7 (8) | 15 in #2, #3, #6 (8), #7 (3), #8 (2) | 3 in #3, #4, #6<br>**ll: 2 in #1, #7** | 4 in #4, #6 (2), #7 | 9 in #1, #2, #4 (2), #6 (3), #7, #8 | 1 in #8 |

Table 31.12: Top 150 Rosette Line Correlations for Section 5 Paragraphs

| # | Folio | Rosette Line | Section 5 Word Categories | Associated Rosette Line Figures | Score |
|---|---|---|---|---|---|
| 1 | f108v #8 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [tk]e4dy (tedy), [y o]dy endings (okeody), ce4a (cseeal, ceear), cedai4[lrsm \| n] (ceedaiin, ceedar), o[fptk]ai4n (okain, otaiin, qokain, qotaiin), o[fptk]e4dy (qotedy, qokedy, qokeedy, otedy, oteedy, okeedy), o[tk]e0-4y (okeey, oteey, qokeey, okey, ceoteey, ykeey), oce4y (oceey), okal variants (qokal), olo (olor), yodai0-4n (cseodain) | f68r3 Star Quadrant #7 (otceal, qokeey), f68v1 Exterior Stars #7 (oteodain), f68v2 Star Divider #7 (dceedal), f68v3 Sides #4 (oceey), f69r Labeled Interior Bar #12 (okeey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #5 (cekeedy), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (cseor, okal, olor, otedy, qotedy) | 0.26354 |
| 2 | f111r #2 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [y o]dy endings (ceody, oteody, qokeody), ce4a (cear), cedai4[lrsm \| n] (ceedar), ek[y o a] (ceeky), eka (cseekal), o[fptk]ai4n (okain, qokain), o[fptk]c + e0-4dy (qotcedy, qotceedy), o[fptk]c + e0-4y (qotceey), o[fptk]e4dy (qokedy, qokeedy, okeedy, otedy, oteedy), o[tk]e0-4y (oteey, okeey, okey, qokeey, qoky, otey, oty, qoteey, ykeey), oa (soaiin, oaiin), oce4y (oceey), oce4y + infixed versions (ockey), oe0-4s (ceeos), oi (oir), olai0-4n (olaiiin), ora (oraiin, orain), otar variants (otar), yodai0-4n (odaiin) | f68r3 Star Quadrant #7 (otceal, qokeey), f68v1 Exterior Stars #7 (oteodain), f68v2 Star Divider #7 (dceedal), f68v3 Sides #4 (oceey), f69r Labeled Interior Bar #12 (okeey), f69r Labeled Interior Bar #13 (dkocey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #3 (otcedy), Rosette #7 Left Label #4 (okcey), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (ceekaj, cseor, oiin, olaiiin, olkoaiin, orar, otar, otedy, otosaiiin, oty, qotedy) | 0.25555 |
| 3 | f116r #6 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [y o]dy endings (arody), ce4a (cear, cseeal), ek[y o a] (cseeky), o[fptk]ai4n (otain, okain, qokaiin, qokain), o[fptk]c + e0-4y (ytceey), o[fptk]e4dy (qokedy, qokeedy, okeedy, otedy, oteedy, oteeedy), o[tk]e0-4y (oteey, otey, oty, okey, qokeey, qoky, qoty), oi (oiin), okal variants (qokal, okal, okalain, okaly), ola (olar), or[y o a] (ory), ora (orain), otar variants (otar, qotar) | f68r3 Star Quadrant #7 (otceal, qokeey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #4 (okcey), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (ceekaj, cseor, oiin, okal, olaiiin, orar, otar, otedy, oty, qotedy) | 0.24963 |
| 4 | f111r #2 | 5 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceeol), [y o][fptk]e4od + y (qokeody), [y o]dy endings (oteody, ceody), c \| cs + e0-4[dlrsmg] (cseed), ce4a (cear), ceckey relatives (ceckeey, ceckey), cedai4[lrsm \| n] (ceedar), ek[y o a] (ceeky), eka (cseekal), o[fptk]c + e0-4dy (qotcedy, qotceedy), o[fptk]e4dy (qokedy, qokeedy, otedy, oteedy, okeedy), o[lr]a (oraiin, orain), o[tk]e0-4y (oteey, otey, oty, qokeey, qoky, qoty), oi (oiin), okal variants (qokal, okal, okalain, okaly), ola (olar), or[y o a] (ory), ora (orain), otar variants (otar, qotar) | f67v2 South-Oriented Text (okolarm), f68r3 Star Quadrant #5 (dcseol), f68v1 Exterior Stars #5 (okeey), f68v3 Sides #3 (ceckey, qokeody), f69r Labeled Interior Bar #5 (okey, sol), Rosette #4-5 Bridge #1 (okar), Rosette #4-5 Bridge #2 (cseeal), Rosette #5 Compartment #3 (okcedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (keeody, odaiiin, oekaiiin, osain, otar, otedy, yky), Rosette #5-6 Bridge #1 (cseed) | 0.24550 |
| 5 | f116r #6 | 5 | [ao][lr][ao][lr] Pipe/Flow (olar), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [fptk]e0-4y (keey), aro[dlrsmg] (arody), ce4a (cseeal, ceear), ceckey relatives (ceckey), do (dol), ek[y o a] (cseeky), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (ytceey), o[fptk]e4dy (qokedy, qokeedy, otedy, oteedy, okeedy), o[lr][y o a] (ory), o[lr]a (orain), o[tk]e0-4y (oteey, otey, oty, qokeey, qoky, qoty, okey), okal variants (okal, okalain, okaly, qokal), okar variants (okar), om + o[fptk \| dlrsmg]am (qotam), otar variants (qotar, otar) | f67v2 South-Oriented Text (okolarm), f68r3 Star Quadrant #5 (dcseol), f68v3 Sides #3 (ceckey), f68v3 Stars #3 (keey, qokal), f69r Labeled Interior Bar #5 (okey), f69r Labeled Interior Bar #7 (doceeeo), Rosette #4-5 Bridge #1 (okar), Rosette #4-5 Bridge #2 (cseeal), Rosette #5 Compartment #2 (okalar), Rosette #5 Compartment #3 (okcedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (oekaiiin, okal, otar, otedy, sarol, yky) | 0.24298 |
| 6 | f111r #2 | 3 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (dary), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceeol, ceeos), [y o][fptk]e4o (okeeo), [y o]dy endings (ceody, oteody, qokeody), c \| c[fptk] + e4o (ceo), ce4a (cear), cedai4[lrsm \| n] (ceedar), ek[y o a] (ceeky), eka (cseekal), o[fptk \| dlrsmg][ao]m (otam), o[fptk]c + e0-4dy (qotcedy, qotceedy), o[fptk]c + e0-4y (qotceey), o[lr]a (olaiiin), o[tk]e0-4y (oteey, qoteey, otey, oty, qokeey, okey, qoky, ykeey), o[tk]e4s (otes), oa (soaiin, oaiin), oce4y + infixed versions (oceey), ocke4y (ockey), okar variants (okar), olcey relative (olceedy), om (om), orai0-4n (oraiin, orain), otar variants (otar) | f67v2 East-Oriented Text (dcseog, oafoaly, oky), f68r3 Star Quadrant #2 (ockey), f68r3 Star Quadrant #3 (ceo, qoteey), f69r Labeled Interior Bar #1 (okeeo), f69r Labeled Interior Bar #22 (dary), Rosette #3 Diagram Interior #3 (oraiiin), Rosette #3 Outer Ring Sentence #1 (cedar, cseal, okar, okcsey, okody, okom, otar, otody, qotcedy), Rosette #3 Outer Ring Sentence #2 (cseekal, okees, olceedy) | 0.24237 |
| 7 | f112r #1 | 5 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (taiin), [fptk]e0-4y (keey), [y o]dy endings (ody, dody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]c + e0-4dy (qotceedy), o[fptk]c + e0-4y (qokcey), o[fptk]e4dy (qokeedy, oteedy), o[fptk]ody (otody), o[tk]e0-4y (oty, oteey, qokeey, okeeey, okeey), okod variants (okody), ola (olaiin), otar variants (otair, otar), x (xar), yodai0-4n (qodain) | f67v2 South-Oriented Text (okolarm), f68r3 Star Quadrant #5 (dcseol, qokcey), f68v3 Sides #3 (okeey), f68v3 Stars #3 (keey), f69r Labeled Interior Bar #5 (tam), Rosette #5 Compartment #3 (okcedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (keeody, odaiiin, ody, okody, otar, xdor, yky) | 0.24009 |
| 8 | f112r #1 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [y o]dy endings (dody, ody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]ai4n (otaiin, otain), o[fptk]c + e0-4dy (qotceedy), o[fptk]c + e0-4y (qokcey), o[fptk]e4dy (qokeedy, oteedy), o[tk]e0-4y (oteey, qokeey, oty, okeeey, okeey), oa (oar), okod variants (okody), olai0-4n (olaiin), otar variants (otair, otar), otod variants (otody), x (xar), yodai0-4n (qodain) | f68r3 Star Quadrant #7 (qokeey), f68v1 Exterior Stars #7 (oteodain), f68v2 Star Divider #7 (dceedal), f69r Labeled Interior Bar #11 (okody), f69r Labeled Interior Bar #12 (okeey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #3 (otcedy), Rosette #7 Left Label #4 (okcey), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (cseor, oar, olaiiin, otar, otodeedy, oty, qotedy), Rosette #7-8 Bridge Interior #2 (ddsscsex) | 0.23993 |
| 9 | f108v #8 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [y o][fptk]e4od + y (okeody), ce4a (cear, cseeal), ceckey relatives (ceckeey, ceeckey), cedai4[lrsm \| n] (ceedaiin, ceedar), l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] (lar), o[dlrs]ce4y Superset (olceey), o[fptk]ai4n (otaiin, qokain, qotaiin, okain), o[fptk]e4dy (okeedy, qotedy, qokedy, qokeedy, otedy, oteedy), o[tk]e0-4y (oteey, okey, qokeey, ykeey, okeey, ceoteey), oce4y (oceey), okal variants (qokal), ol[y o a] (olor), otal variants (otal), otam variants (otam), yodai0-4n (cseodain) | f67v2 Diagram Exterior 4 (ceol), f67v2 Protrusion #1 (okeeey), f68r3 Star Quadrant #8 Wand/Branch (ceeol), f68v2 Star Divider #8 (ceoteey), f69r Labeled Interior Bar #14 (ceotal), f85r2 Quadrant 4 (olceey, qokal), f86v3 Jet Figure #4 (ceallar, ceeckey, ceedaiin, cseodain, cseykeeeocey, otam, oteey, qokain, qokedy, qokeey, ykeey, yteeody), Rosette #8 (okcedarar), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Exterior Label #6 (olal), Rosette #8 Exterior Label #7 (dceos), Rosette #8 Outer Ring (lsaiin, okeedy, oteedy) | 0.22916 |
| 10 | f108v #8 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [y o]dy endings (okeody), ce4a (cseeal, ceear), ceckey relatives (ceeckey, ceckeey), cedai4[lrsm \| n] (ceedaiin, ceedar), dcedy relatives (dcseedy), o[dlrs]ce4y Superset (olceey), o[fptk \| dlrsmg][ao]m (otam), o[fptk]ai4n (okain, qokain), o[fptk]e4dy (qotedy, okeedy, otedy, oteedy, qokedy, qokeedy), o[lr]o (olor), o[tk]e0-4y (okeey, okey, qokeey, oteey, ykeey, ceoteey), oce4y + infixed versions (oceey), okal variants (qokal), otai0-4n (qotaiin, otaiin), otal variants (otal), yodai0-4n (cseodain) | f67v2 Diagram Exterior 2 (okeey), f68r3 Star Quadrant #4 Star #2 (ceockey), f85r2 Quadrant 2 (ceckeey), f86v3 Jet Figure #2 (ceeeor, dcseedy, otaiin, oteey, qokeey, qotaiin, ytaiin), Rosette #4 Compartment #1 (cseodaiiin, okeedy), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #4 (opam, opceody, orcsey, oteedy), Rosette #4 Compartment #7 (qokal), Rosette #4 Compartment #8 (ceeyky), Rosette #4 Outer Ring (cecedam, ceckey, oror, otal, otedy), Rosette #4-5 Bridge #2 (cseeal) | 0.22647 |
| 11 | f108v #8 | 5 | [ao][lr][ao][lr] Pipe/Flow (olor), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [fptk]ai4[dlrsmg \| n] (kar), [y o]dy endings (okeody), ce4a (cseeal, ceear), ceckey relatives (ceeckey, ceckeey), cedai4[lrsm \| n] (ceedaiin, ceedar), o[fptk]e4dy (okeedy, otedy, oteedy, qokedy, qokeedy, qotedy), o[tk]e0-4y (ykeey, qokeey, oteey, okey, okeey, ceoteey), okal variants (qokal), om + o[fptk \| dlrsmg]am (otam), yodai0-4n (cseodain) | f68r3 Star Quadrant #5 (dcseol), f68v1 Exterior Stars #5 (okeey), f68v3 Sides #3 (ceckey), f68v3 Stars #3 (qokal), f69r Labeled Interior Bar #5 (okey, tam), Rosette #4-5 Bridge #2 (cseeal), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (keeody, odaiiin, otedy, sarol, yky) | 0.22610 |
| 12 | f108v #8 | 1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [fptk]ai4[dlrsmg \| n] (kar), [tk]e4dy (tedy), [y o][fptk]e4od + y (okeody), cedai4[lrsm \| n] (ceedaiin, ceedar), l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] (lar), o[fptk]ai4n (okain, otaiin, qokain, qotaiin), o[fptk]e4dy (qotedy, qokedy, qokeedy, otedy, oteedy, okeedy), o[tk]e0-4y (okeey, okey, oteey, ceoteey, qokeey, ykeey), oce4y + infixed versions (oceey), okal variants (qokal), ol[y o a] (olor) | f67v2 North-Oriented Text (dceeeor), f68r3 Star Quadrant #1 (ceocpey), f68v2 Star Divider #8 (ceoteey), f68v3 Stars #1 (cedail, okeody), f69r Labeled Interior Bar #18 (ykeey), Rosette #1 Outer Ring (cseeekedy, kaiir, lar, okain, oly, otedy, ykal, yky), Rosette #1 Quadrant #4 (okedy) | 0.22483 |
| 13 | f111v #1 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [tk]c-Initial (kcey), [y o][fptk]e4d (oteed), [y o][fptk]e4o (okeeo), c \| cs + e0-4[dlrsmg] (cseed), ce4a (cseal, cear), ceckey relatives (ceeckey, ceckeey, ceckey), cedai4[lrsm \| n] (ceedar), l[drs] Prefixes (ls, ldy), l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] (lkam), o[fptk]ai4n (otain, okaiin, okain, qokaiin, qokain, qotaiin), o[fptk]c + e0-4y (otceey), o[fptk]e4dy (otedy, oteedy, qokedy, qokeedy, okedy, qotedy), o[tk]e0-4y (okeeey, okeey, qokeey), oa (oaiin), okal variants (qokal), okc + e4or (okceor), otal variants (otal), otar variants (otar) | f67v2 Diagram Exterior 4 (ceol), f67v2 Protrusion #1 (okeeey), f68r3 Star Quadrant #8 Wand/Branch (ceeol), f69r Labeled Interior Bar #14 (ceotal), f69r Labeled Interior Bar #15 (cseo, oleo), f85r2 Quadrant 4 (ceckey, qokal), f86v3 Jet Figure #4 (ceallar, ceeckey, okceor, otceey, qokaiin, qokain, qokedy, qokeey, tceeod), Rosette #8 (okcedarar), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (cseees, lsaiin, oas, okaiin, okedy, otar, oteed, oteedy) | 0.22108 |
| 14 | f116r #6 | 1 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [y o]dy endings (arody), do (dol), ek[y o a] (cseeky), o[fptk]ai4n (okain, otain, qokaiin, qokain), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (ytceey), o[fptk]e4dy (qokedy, qokeedy, otedy, oteedy, oteeedy, okeedy), o[lr]a (olar), o[tk]e0-4y (qokeey, qoky, qoty, okey, oteey, otey, oty), okal variants (okal, okalain, okaly, qokal), okar variants (okar), ora (orain), ory (ory) | f67v2 North-Oriented Text (dceeeor), f68r3 Star Quadrant #1 (dol), f68v2 Star Divider #1 (otey), f68v3 Stars #1 (sceekol), Rosette #1 Outer Ring (ary, ody, okain, okair, okal, okcegy, oral, otedy, ykal, yky), Rosette #1 Quadrant #10 (okory), Rosette #1 Quadrant #4 (okedy) | 0.21890 |
| 15 | f112r #2 | 4 | [tk]c-Initial (tceedy), o[fptk]c + e0-4dy (otceedy), o[fptk]e4dy (oteedy, qokedy, okeedy), o[tk]e0-4y (okeey, qokeey, qoteey, oteey, otey), otai0-4n (otaiin) | f67v2 Diagram Exterior 2 (okeey), f85r2 Quadrant 2 (otceedy, tceedy), f86v3 Jet Figure #2 (otaiin, oteey, qokeey, qoteey), Rosette #4 Compartment #1 (okeedy), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #8 (ceeyky) | 0.21769 |
| 16 | f112r #1 | 8 | [dlrsmg]ai4m (dam), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]e0-4y (keey), [y o]dy endings (ody), cedai4[lrsm \| n] (ceedal, ceedar), dody (dody), o[fptk][ao]d (okody), o[fptk]ai4n (otaiin, otain), o[fptk]c + e0-4dy (qotceedy), o[fptk]c + e0-4y (qokcey), o[fptk]e4dy (qokeedy, oteedy), o[tk]e0-4y (oteey, oty, qokeey, okeeey, okeey), oa (oar), olai0-4n (olaiin), otal variants (otal), otar variants (otar, otair), otod variants (otody), x (xar), yodai0-4n (qodain) | f67v2 Diagram Exterior 4 (ceol, dam, oar), f67v2 Protrusion #1 (okeeey), f68v2 Stars #8 (ypcey), f69r Labeled Interior Bar #14 (ceotal), f85r2 Quadrant 4 (dody, olaiin, qodain), f86v3 Jet Figure #4 (aceeody, keeey, oteey, qokeey, qotceedy), Rosette #7-8 Bridge Interior #2 (ddsscsex), Rosette #8 (okcedarar), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (otar, oteedy, otodr) | 0.21629 |
| 17 | f108r #10 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), ceckey relatives (ceckey), o[fptk]ai4n (okain), o[fptk]e4dy (okedy, qokedy, qokeedy, qotedy, otedy), okal variants (qokal), okar variants (okar), otal variants (otal) | f86v3 Jet Figure #2 (ceeeor, ytaiin), Rosette #4 Compartment #1 (okar), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #7 (qokal), Rosette #4 Outer Ring (ceckey, otal, otedy) | 0.21622 |
| 18 | f111r #2 | 1 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (dary), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceeol), [y o][fptk]e4o (okeeo), [y o][fptk]e4od + y (oteody), [y o]dy endings (qokeody, ceody), c \| cs + e0-4[dlrsmg] (cseed), cedai4[lrsm \| n] (ceedar), ek[y o a] (ceeky, cseekal), o[fptk]ai4n (okain, qokain), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qotceey), o[fptk]c + e0-4dy (qotcedy, qotceedy), o[fptk]e4dy (qokedy, qokeedy, okeedy, otedy, oteedy), o[lr]a (olaiiin), o[tk]e0-4y (okeey, okey, oteey, otey, oty, qokeey, qoky, qoteey, ykeey), oc[fptk]e4y (ockey), oce4y + infixed versions (oceey), oe0-4s (ceeos), okar variants (okar), ora (oraiin, orain) | f67v2 North-Oriented Text (dceeeor), f68r3 Star Quadrant #1 (ceocpey), f68v2 Star Divider #1 (otey), f68v2 Star Divider #8 (dary), f68v3 Sides #1 (ceody), f68v3 Stars #1 (cedail, sceekol), f69r Labeled Interior Bar #16 (oteody), f69r Labeled Interior Bar #18 (ykeey), Rosette #1 Outer Ring (ceedces, ody, okain, okair, okcedy, okcegy, okeo, oral, os, otedy, yky), Rosette #1 Quadrant #4 (okedy) | 0.21571 |

| | | | | | |
|---|---|---|---|---|---|
| 19 | f111r #2 | 8 | [dlrsmg]ai4m (dam), [fptk\| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (dary), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o (ceo), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [yo][fptk]e4d (oteed), [yo][fptk]e4o (okeeo), [yo][fptk]e4od + y (oteody, qokeody), [yo]dy endings (ceody), c \| cs + e0-4[dlrsmg] (cseed), ce4a (cear), ceckey relatives (ceckeey, ceckey), cedai4[lrsm \| n] (ceedar), ek[yoa] (ceeky), eka (cseekal), o[fptk]ai4n (okain, qokain), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qotceedy), o[fptk]c + e0-4dy (qotceedy), o[fptk]c + e0-4y (qotceey), o[fptk]e4dy (qokedy, qokeedy, oteedy, okeedy, otedy), o[tk]e0-4y (oteey, qokeey, okeey, okey, qoteey, qoky, otey, oty, ykeey), o[tk]e4s (otes), oa (oaiin, soaiin), oc[s \| fptk]e4y (ockey), oce4y (oceey), oe0-4s (ceeos), oi (oir), ola (olaiiin), olcey relative (olceedy), om (om), ora (oraiin), orai0-4n (orain), otam variants (otam), otar variants (otar), yodai0-4n (odaiin) | f67v2 Diagram Center #1 (soaiin), f67v2 Diagram Exterior 4 (ceol, dam), f67v2 Protrusion #1 (okeeey), f68r3 Star Quadrant #8 Wand/Branch (ceeol), f68v2 Star Divider #1 (otey), f68v2 Star Divider #8 (dary), f68v2 Stars #8 (ypcey), f68v3 Sides #1 (ceody), f69r Labeled Interior Bar #15 (cseo, okeo), f85r2 Quadrant 4 (ceckey, okees, olceey, orain, qokeody), f86v3 Jet Figure #4 (cealkar, ceeckey, ceeos, cseykeeeocey, ocseeey, otam, oteey, qokain, qokedy, qokeey, qotceedy, ykeey, yteeody), Rosette #7-8 Bridge #1 (soiiin), Rosette #8 (okcedarar), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Exterior Label #3 (ydekam), Rosette #8 Exterior Label #6 (olal), Rosette #8 Outer Ring (cseees, oas, okeedy, olkeeodaiin, om, otar, oteed, oteedy), Rosette #8 Smokestack (orarol) | 0.21145 |
| 20 | f108r #10 | 5 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), ceckey relatives (ceckey), o[fptk]e4dy (qokedy, qokeedy, qotedy, okedy, otedy), okal variants (qokal), okar variants (okar) | f68r3 Star Quadrant #5 (dcseol), f68v3 Sides #3 (ceckey), f68v3 Stars #3 (qokal), Rosette #4-5 Bridge #1 (okar), Rosette #5 Compartment #5 (okedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Outer Ring (otedy) | 0.21034 |
| 21 | f107v #4 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, lceeol), [yo]dy endings (ceeody), o[fptk\| dlrsmg][ao]m (otam), o[fptk]ai4n (qokaiin, qokain, okaiin, okain), o[fptk]c + e0-4dy (okcedy), o[tk]e0-4y (okeey, qokeey), okal variants (qokal, okal), okar variants (qokar), otai0-4n (qotaiin, otain), otal variants (otal), otol variants (otol), yodai0-4r (odar) | f67v2 Diagram Exterior 2 (okeey), f68v3 Sides #3 (okal), f85r2 Quadrant 2 (qokar, qotaiin), f86v3 Jet Figure #2 (ceeeor, qokaiin, qokeey, ytaiin), Rosette #4 Compartment #4 (opam, opceody), Rosette #4 Compartment #5 (otol), Rosette #4 Compartment #7 (opcedy, qokal), Rosette #4 Outer Ring (odar, otal) | 0.20451 |
| 22 | f108r #10 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), ceckey relatives (ceckey), o[fptk]ai4n (okain), o[fptk]e4dy (okedy, otedy, qokedy, qokeedy, qotedy), okal variants (qokal), otal variants (otal) | f69r Labeled Interior Bar #14 (ceotal), f85r2 Quadrant 4 (ceckey, qokal), f86v3 Jet Figure #4 (qokedy), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (cseol, okedy, otteedy) | 0.20432 |
| 23 | f116r #6 | 9 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), [yo]dy endings (arody), ce4a (ceear, cseeal), o[fptk]ai4n (okain, otain, qokaiin, qokain), o[fptk]c + e0-4y (ytceey), o[fptk]e4dy (otedy, oteedy, otteeedy, okeedy, qokedy, qokeedy), o[lr]a (orain), o[lr]y (ory), oi (oiin), okal variants (okal, okalain, okaly, qokal), okar variants (okar), ola (olar), om + o[fptk\| dlrsmg]am (qotam) | Rosette #9 Canister #4 (ary), Rosette #9 Center #17 (otedy), Rosette #9 Center #19 (sody), Rosette #9 Center #7 (oteedy), Rosette #9 Outer Ring Sentence #1 (cseax, oir, okal, otcsee, oteeedy), Rosette #9 Outer Ring Sentence #2 (okaiiin, okar, olar, oly, om) | 0.20399 |
| 24 | f107v #4 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ceeody), lc-initial (lceeol), o[fptk]ai4n (okaiin, okain, qokaiin, qokain, otain, qotaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (okcedy), o[tk]e0-4y (okeey, qokeey), o-axis of [yo][fptk][ao][lr] (otol), okal variants (qokal, okal), otal variants (otal), otam variants (otam), yodai0-4r (odar) | f67v2 Diagram Exterior 4 (ceol), f67v2 Protrusion #1 (okeeey), f68v2 Stars #8 (ypcey), f69r Labeled Interior Bar #14 (ceotal), f85r2 Hand-Raisers 4 (lceeol), f85r2 Quadrant 4 (qokal), f86v3 Jet Figure #4 (aceeody, otam, qokaiin, qokain, qokeey), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (odar, okaiin, okal, okor) | 0.20340 |
| 25 | f111v #1 | 1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [tk]e4dy (tedy), [yo][fptk]e4o (okeeo), c \| cs + e0-4[dlrsmg] (cseed), cedai4[lrsm \| n] (ceedar), g (g), l[drs] Prefixes (ldy, ls), l-prefix + [fptk\| dlrsmg] + ai4[dlrsmg \| n] (lkam), o[fptk]ai4n (okaiin, okain, otain, qokaiin, qokain, qotaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (otceey), o[fptk]e4dy (otedy, oteedy, okedy, qotedy, qokedy, qokeedy), o[tk]e0-4y (qokeey, okeey, okeeey), okal variants (qokal), okar variants (okar) | f67v2 North-Oriented Text (dceeeor), f68v3 Stars #1 (cedail), Rosette #1 Outer Ring (ceedces, cseeekedy, lar, ldy, okain, okair, okcegy, okeo, otedy, ykal, yky), Rosette #1 Quadrant #4 (okedy) | 0.20302 |
| 26 | f116r #6 | 3 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [yo]dy endings (arody), ce4a (cseeal, ceear), do (dol), eky (cseeky), o[fptk\| dlrsmg][ao]m (qotam), o[fptk]c + e0-4y (ytceey), o[lr]a (olar), o[tk]e0-4y (okey, qokeey, qoky, oteey, otey, oty, qoty), okal variants (qokal, okal, okalain, okaly), okar variants (okar), or[yoa] (ory), orai0-4n (orain), otal variants (otal), otar variants (otar, qotar) | f67v2 East-Oriented Text (dcseog, oky), f68v1 Exterior Stars #4 (otaly), f68v3 Stars #2 (cseeky, dom), f69r Labeled Interior Bar #2 (ary), Rosette #3 Diagram Interior #2 (okalain), Rosette #3 Diagram Interior #3 (oraiiin), Rosette #3 Outer Ring Sentence #1 (cseal, okar, okcsey, okom, otar, otody, qokal), Rosette #3 Outer Ring Sentence #2 (okal) | 0.20280 |
| 27 | f111r #2 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [yo][fptk]e4o (okeeo), [yo][fptk]e4od + y (qokeody), [yo]dy endings (oteody, ceody), ce4a (cear), ceckey relatives (ceckeey, ceckey), cedai4[lrsm \| n] (ceedar), eka (cseekal), eky (ceeky), o[fptk\| dlrsmg][ao]m (otam), o[fptk]ai4n (qokain, okain), o[fptk]c + e0-4dy (qotcedy, qotceedy), o[fptk]c + e0-4y (qotceey), o[fptk]e4dy (qokedy, qokeedy, otedy, oteedy, okeedy), o[tk]e0-4y (qokey, qoteey, qoky, oty, ykeey, oteey, okeey, okey, otey), o[tk]e4s (otes), oa (soaiin, oaiin), oce4y + infixed versions (oceey), ocke4y (ockey), oe0-4s (ceeos), oi (oir), okar variants (okar), olai0-4n (olaiiin), om (om), or[yoa] (oraiin, orain), otar variants (otar), yodai0-4n (odaiin) | f67v2 Diagram Exterior 2 (okeey, osalal), f67v2 Protrusion #3 (cear), f68r3 Star Quadrant #2 (ockey), f68r3 Star Quadrant #4 Star #2 (ceockey), f68v3 Sides #3 (qokeody), f69r Labeled Interior Bar #4 (okeeo), f85r2 Quadrant 2 (ceckeey, qotcedy), f86v3 Jet Figure #2 (ceeeor, om, oteey, qokeey, qoky, qotceey, qoteey, ytaiin), Rosette #4 Compartment #1 (ceeky, okar, okeedy), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #3 (soa), Rosette #4 Compartment #4 (olaiiin, opam, opceody, oteedy), Rosette #4 Compartment #7 (opcedy), Rosette #4 Compartment #8 (ceeyky), Rosette #4 Outer Ring (cecedam, ceckey, ceekaiiin, odaiin, oiiin, okees, oror, otar, otedy) | 0.20238 |
| 28 | f111v #1 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [tk]c-Initial (kcey), [tk]e4dy (tedy), ce4a (ceear, cseal), cedai4[lrsm \| n] (ceedar), g (g), o[fptk]ai4n (okaiin, okain, otain, qokaiin, qokain, qotaiin), o[fptk]c + e0-4y (otceey), o[fptk]e4dy (otedy, oteedy, qokedy, qokeedy, okedy, qotedy), o[tk]e0-4y (okeeey, okeey, qokeey), oa (oaiin), okal variants (qokal), otar variants (otar) | f68r3 Star Quadrant #7 (otceal, qokeey), f68v2 Star Divider #7 (dceedal), f68v3 Sides #4 (dkeeeg), f69r Labeled Interior Bar #12 (okeey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #4 (okcey), Rosette #7 Left Label #5 (cekeedy), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (cseor, okal, olkoaiiin, otar, otedy, qotedy, tcseed) | 0.20200 |
| 29 | f112r #1 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ody), cedai4[lrsm \| n] (ceedal, ceedar), do (dody), o[fptk][ao]d (okody), o[fptk]c + e0-4dy (qotceedy), o[fptk]c + e0-4y (qokcey), o[fptk]e4dy (qokeedy, oteedy), o[tk]e0-4y (oteey, okeeey, okeey, qokeey, oty), oa (oar), olai0-4n (olaiin), otai0-4n (otaiin, otain), otal variants (otal), otar variants (otar, otair), otod variants (otody), yodai0-4n (qodain) | f67v2 Diagram Exterior 2 (okeey), f67v2 Protrusion #3 (oar), f68v3 Sides #3 (ody), f86v3 Jet Figure #2 (ceeeor, otaiin, oteey, qokeey, qotaiin), Rosette #4 Compartment #1 (cseodaiiin, qokcey), Rosette #4 Compartment #3 (dor), Rosette #4 Compartment #4 (olaiiin, oteedy), Rosette #4 Compartment #7 (opcedy), Rosette #4 Compartment #8 (ceeyky), Rosette #4 Outer Ring (cecedam, ceedal, otal, otar, otodcees, otodeed) | 0.19951 |
| 30 | f116r #6 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), aro[dlrsmg] (arody), ce4a (ceear, cseeal), ceckey relatives (ceckey), do (dol), eky (cseeky), o[fptk \| dlrsmg][ao]m (qotam), o[fptk]ai4n (qokaiin, qokain, okain), o[fptk]c + e0-4y (ytceey), o[fptk]e4dy (otedy, oteedy, otteeedy, qokedy, qokeedy, okeedy), o[tk]e0-4y (okey, qokeey, qoky, oteey, otey, oty, qoty), oi (oiin), okal variants (qokal, okal, okalain, okaly), okar variants (okar), ola (olar), or[yoa] (orain), ory (ory), otai0-4n (otain), otal variants (otal), otar variants (otar, qotar) | f57v Diagram Center #2 (okaly), f68v3 Sides #3 (okal), f68v3 Stars #2 (cseeky), f85r2 Quadrant 2 (qotaiin), f86v3 Jet Figure #2 (ceeeor, oteey, qokaiin, qokeey, qoky, qoty, ytaiin), Rosette #4 Compartment #1 (okar, okeedy, ory), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #3 (dor), Rosette #4 Compartment #4 (olaiiin, opam, oteedy), Rosette #4 Compartment #6 (oparod), Rosette #4 Compartment #7 (qokal), Rosette #4 Compartment #8 (ceeyky), Rosette #4 Outer Ring (ceckey, oiiin, okalol, oror, otal, otar, otecseey, otedy), Rosette #4-5 Bridge #2 (cseeal) | 0.19951 |
| 31 | f108r #10 | 1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), o[fptk]ai4n (okain), o[fptk]e4dy (okedy, otedy, qokedy, qokeedy, qotedy), okal variants (qokal), okar variants (okar) | f67v2 North-Oriented Text (dceeeor), Rosette #1 Outer Ring (okain, okair, otedy, ykal), Rosette #1 Quadrant #4 (okedy) | 0.19843 |
| 32 | f116r #6 | 8 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [fptk]e0-4y (keey), aro[dlrsmg] (arody), ce4a (cseeal, ceear), ceckey relatives (ceckey), do (dol), ek[yoa] (cseeky), o[fptk]ai4n (okain, otain, qokaiin, qokain), o[fptk]c + e0-4y (ytceey), o[fptk]e4dy (qokedy, qokeedy, okeedy, otedy, oteedy, oteeedy), o[tk]e0-4y (oteey, otey, oty, okey, qokeey, qoky, qoty), oi (oiin), okal variants (okal, okalain, qokal, okaly), ola (olar), or[yoa] (ory), orai0-4n (orain), otal variants (otal), otam variants (qotam), otar variants (qotar, otar) | f57v Hand-Raiser 4 (daly), f67v2 Diagram Exterior 4 (ceol), f67v2 Protrusion #1 (okeeey), f68r3 Star Quadrant #8 Wand/Branch (ceeol), f68r3 Star Quadrant #8 Wand/Branch Head (doary), f68v2 Star Divider #1 (otey), f68v2 Stars #8 (ypcey), f69r Labeled Interior Bar #14 (ceotal), f69r Labeled Interior Bar #15 (qotam), f85r2 Quadrant 4 (ceckey, orain, qokal), f86v3 Jet Figure #4 (cealkar, keeey, oteey, qokaiin, qokain, qokedy, qokeey), Rosette #7-8 Bridge #1 (soiiin), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Exterior Label #3 (ydekam), Rosette #8 Exterior Label #6 (olal), Rosette #8 Outer Ring (okal, okalol, okeedy, otar, oteedy), Rosette #8 Smokestack (orarol) | 0.19809 |
| 33 | f111r #2 | 9 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (dary), [yo][fptk]e4od + y (oteody, qokeody), [yo]dy endings (ceody), ce4a (cear), cedai4[lrsm \| n] (ceedar), o[fptk]ai4n (qokain, okain), o[fptk]c + e0-4dy (qotcedy, qotceedy), o[fptk]c + e0-4y (qotceey), o[fptk]e4dy (qokedy, qokeedy, okeedy, otedy, oteedy), o[lr]a (oraiin, orain), o[tk]e4s (otes), oa (soaiin, oaiin), oe0-4s (ceeos), oi (oir), okar variants (okar), ola (olaiiin), om (om), om + o[fptk\| dlrsmg]am (otam), yodai0-4n (odaiin) | Rosette #9 Canister #4 (ary), Rosette #9 Canister #5 (opcedaiiin), Rosette #9 Center #17 (otedy), Rosette #9 Center #19 (sody), Rosette #9 Center #7 (oteedy), Rosette #9 Outer Ring Sentence #1 (cseax, oir, osoa, otcsee, oteeedy, otes, yqos), Rosette #9 Outer Ring Sentence #2 (odaiiin, okaiiin, okar, okcedy, okeody, olar, om) | 0.19793 |
| 34 | f108v #8 | 6 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [tk]e4dy (tedy), [yo]dy endings (okeody), a[dlrsmg]am (dalam), ce4a (cseeal, ceear), ceckey relatives (ceeckey, ceckeey), cedai4[lrsm \| n] (ceedaiin, ceedar), l-prefix + [fptk\| dlrsmg] + ai4[dlrsmg \| n] (lar), o[fptk]ai4n (okain, qokain), o[fptk]e4dy (qotedy, qokedy, qokeedy, okeedy, otedy, oteedy), o[tk]e0-4y (oteey, okeey, okey, ceoteey, qokeey, ykeey), oce4y (oceey), okal variants (qokal), ol[yoa] (olor), olcey relative (olceey), om + o[fptk\| dlrsmg]am (otam), otai0-4n (qotaiin, otaiin), yodai0-4n (cseodain) | f68r3 Star Quadrant #4 (okey), f68v3 Sides #4 (oceey), f69r Labeled Interior Bar #9 (ceor), f85r2 Quadrant 3 (tedy), f86v3 Jet Figure #3 (ceear, lkam, otaiin, qokal, qotaiin), Rosette #6 Compartment #4 (opdaram), Rosette #6 Compartment #5 (ofcedar), Rosette #6 Compartment #7 (oparom, otedy), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6 Exterior Label #1 (ofodydy), Rosette #6 Outer Ring (ceckey, odaiiin, olceedy), Rosette #6 Picatrix-Like Attachment (oteoly), Rosette #6-7 Bridge #2 (oteey) | 0.19751 |
| 35 | f112r #1 | 6 | [dlrsmg]ai4m (dam), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]e0-4y (keey), [yo]dy endings (dody, ody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]c + e0-4dy (qotceedy), o[fptk]c + e0-4y (qokcey), o[fptk]e4dy (qokeedy, oteedy), o[fptk]ody (okody, otody), o[tk]e0-4y (oty, qokeey, oteey, okeeey, okeey), oa (oar), ol[yoa] (olaiiin), otai0-4n (otaiin, otain), otar variants (otair, otar), x (xar), yodai0-4n (qodain) | f67v2 Diagram Exterior 3 (dam, toal), f68r3 Star Quadrant #5 (qokcey), f68r3 Star Quadrant #6 Star #3 (oty), f68v3 Stars #3 (keey), f69r Labeled Interior Bar #9 (ceor), f85r2 Quadrant 3 (qodain), f86v3 Jet Figure #3 (okeeey, otaiin, qotaiin), Rosette #6 Compartment #1 (opcedy), Rosette #6 Compartment #5 (ofcedar), Rosette #6 Compartment #6 (otody), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6 Exterior Label #1 (ofodydy), Rosette #6 Outer Ring (otar, xar), Rosette #6 Picatrix-Like Attachment (oteoly), Rosette #6-7 Bridge #2 (oteey) | 0.19658 |
| 36 | f108r #10 | 6 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), ceckey relatives (ceckey), o[fptk]ai4n (okain), o[fptk]e4dy (qokedy, qokeedy, qotedy, okedy, otedy), okal variants (qokal), okar variants (okar) | f69r Labeled Interior Bar #9 (ceor), f86v3 Jet Figure #3 (qokal, qotaiin), Rosette #6 Compartment #3 (okar), Rosette #6 Compartment #7 (otedy), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6 Outer Ring (ceckey) | 0.19634 |
| 37 | f108r #14 | 5 | [fptk]e0-4y (keey), cedai4[lrsm \| n] (cedar), o[fptk]e4dy (otedy, oteedy, qokedy, qokeedy, okedy, yteedy), o[tk]e0-4y (okeey, qokeey) | f68v1 Exterior Stars #5 (okeey), f68v3 Stars #3 (keey), Rosette #5 Compartment #5 (okedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (otedy, yky) | 0.19440 |
| 38 | f112r #2 | 7 | [tk]c-Initial (tceedy), o[fptk]ai4n (otaiin), o[fptk]c + e0-4dy (otceedy), o[fptk]e4dy (oteedy, okeedy, qokedy), o[tk]e0-4y (qokeey, qoteey, okeey, oteey, otey) | f68r3 Star Quadrant #7 (qokeey), f69r Labeled Interior Bar #12 (okeey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #3 (otcedy), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (qotedy, tcseed) | 0.19361 |
| 39 | f108v #8 | 2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [fptk]ai4[dlrsmg \| n] (kar), [yo][fptk]e4od + y (okeody), [yo]ce4y + infixed versions (oceey), a[dlrsmg]am (dalam), cedai4[lrsm \| n] (ceedaiin, ceedar), dcedy relatives (dcseedy), o[fptk]ai4n (okain, qokain), o[fptk]e4dy (qotedy, qokedy, qokeedy, otedy, oteedy, okeedy), o[tk]e0-4y (okeey, ceoteey, oteey, okey, qokeey, ykeey), okal variants (qokal), ol[yoa] (olor), om + o[fptk\| dlrsmg]am (otam), otai0-4n (otaiin, qotaiin), sai4n (sain), yodai0-4n (cseodain) | f67v2 Diagram Center #2 (dalam), f67v2 Diagram Exterior 1 (om), f68r3 Star Quadrant #1 (okald), f68v3 Stars #1 (okeody), f85r2 Quadrant 1 (ceol, sain), f86v3 Jet Figure #1 (qokeedy, qotaiin, ycseeey, ytain), Rosette #2 Interior Ring (yky), Rosette #2 Outer Ring (cedas, dcedy, okeedy, okodain, olar, oteoteedy, taiin), Rosette #2 Protrusion Exterior (ceedar, otedy) | 0.19303 |

| | | | | | |
|---|---|---|---|---|---|
| 40 | f107v #5 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fptk]e4od + y (qokeody), ceckey relatives (ceckey), l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] (lkam), o[fptk]ai4n (okaiin, otaiin, qokain), o[fptk]e4dy (otedy), okal variants (okal), olai0-4n (olaiin), opai0-4n (opaiin) | f67v2 Diagram Exterior 4 (ceol), f68r3 Star Quadrant #8 Wand/Branch (ceeol), f85r2 Quadrant 4 (ceckey, olaiin, qokeody), f86v3 Jet Figure #4 (opaiin, qokain), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Exterior Label #7 (dceos), Rosette #8 Outer Ring (lsaiin, okaiin, okal, oteedy) | 0.19296 |
| 41 | f108r #13 | 5 | [ao][lr][ao][lr] Pipe/Flow (olal), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]e4dy (okedy, okeedy, qotedy, otedy, oteedy, qokedy, qokeedy), o[tk]e0-4y (qokeey, okeey, okey), okar variants (qokar, okar), om + o[fptk \| dlrsmg]am (otam) | f68r3 Star Quadrant #5 (dcseol), f68v1 Exterior Stars #5 (okeey), f69r Labeled Interior Bar #5 (okey), Rosette #4-5 Bridge #1 (okar), Rosette #5 Compartment #5 (okedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (keeody, okair, otedy, sarol, yky) | 0.19128 |
| 42 | f111r #2 | 6 | [dlrsmg]ai4m (dam), [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (dary), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceeol), [yo][fptk]e4o (okeeo), [yo]dy endings (ceody, oteody, qokeody), c \| cs + e0-4[dlrsmg] (cseed), ce4a (cear), ceckey relatives (ceckey, ceckey), cedai4[lrsm \| n] (ceedar), ek[yoa] (cseekal), eky (ceeky), faceys relatives (ackey), o[fptk]ai4n (okain, qokain), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qotceey), o[fptk]c + e0-4dy (qotceedy, qotceedy), o[fptk]e4dy (qokedy, qokeedy, okeedy, otedy, oteedy), o[lr][yoa] (oraiin, orain), o[tk]e0-4y (okeey, okey, oteey, otey, oty, qokeey, qoky, qoteey, ykeey), o[tk]e4s (otes), oa (soaiin, oaiin), oce4y (oceey), oce4y + infixed versions (ockey), oe0-4s (ceeos), okar variants (okar), ol[yoa] (olaiiin), olcey relative (olceedy), om (om), om + o[fptk \| dlrsmg]am (otam), otar variants (otar), yodai0-4n (odaiin) | f67v2 Diagram Exterior 3 (daly, dam, toal), f68r3 Star Quadrant #4 (okey), f68r3 Star Quadrant #6 Star #3 (oty), f68v3 Sides #4 (oceey), f69r Labeled Interior Bar #9 (ceor), f85r2 Quadrant 3 (otees), f86v3 Jet Figure #3 (ceear, qotaiin, qoteey, yteeo), Rosette #5-6 Bridge #1 (cseed), Rosette #6 Compartment #1 (opcedy), Rosette #6 Compartment #3 (okar), Rosette #6 Compartment #5 (ofcedar), Rosette #6 Compartment #7 (oparom, otedy), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6 Exterior Label #1 (ofodydy), Rosette #6 Outer Ring (ackey, ceckey, odaiiin, olceedy, otar), Rosette #6 Picatrix-Like Attachment (oteoly), Rosette #6-7 Bridge #1 (depceeky), Rosette #6-7 Bridge #2 (oteey), Rosette #6-7 Bridge Interior West (osy) | 0.19086 |
| 43 | f107v #4 | 1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, lceeol), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin, okain, otain, qokaiin, qokain, qotaiin), o[fptk]c + e0-4dy (okceedy), o[tk]e0-4y (okeey, qokeey), okal variants (qokal, okal), okar variants (qokar), otol variants (otol), yodai0-4r (odar) | f67v2 North-Oriented Text (dceeeor), f69r Labeled Interior Bar #16 (okeodar), Rosette #1 Outer Ring (ody, okain, okair, okal, okcedy, otol, ykal, yky) | 0.18980 |
| 44 | f111v #1 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [yo][fptk]e4o (okeeo), ce4a (cseal, ceear), ceckey relatives (ceeckey, ceckeey, ceckey), cedai4[lrsm \| n] (ceedar), g (g), kc-initial (kcey), o[fptk]ai4n (okaiin, okain, qokaiin, qokain), o[fptk]c + e0-4y (otceey), o[fptk]e4dy (otedy, oteedy, qokedy, qokeedy, qotedy, okedy), o[tk]e0-4y (okeeey, qokeey, okeey), oa (oaiin), okal variants (qokal), okar variants (okar), otai0-4n (otain, qotaiin), otal variants (otal), otar variants (otar) | f67v2 Diagram Exterior 2 (okeey), f69r Labeled Interior Bar #4 (okeeo), f85r2 Quadrant 2 (ceckeey, qotaiin), f86v3 Jet Figure #2 (ceeeor, otceey, qokaiin, qokeey, ytaiin), Rosette #4 Compartment #1 (okar), Rosette #4 Compartment #2 (kcey, qokedy), Rosette #4 Compartment #3 (soa), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #7 (qokal), Rosette #4 Compartment #8 (ceeyky), Rosette #4 Outer Ring (cecedam, ceckey, otal, otar, otedy), Rosette #4-5 Bridge #2 (cseeal, g) | 0.18940 |
| 45 | f112r #1 | 2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (taiin), [fptk]e0-4y (keey), [yo]dy endings (ody), cedai4[lrsm \| n] (ceedal, ceedar), dody (dody), o[fptk]c + e0-4dy (qotceedy), o[fptk]c + e0-4y (qokcey), o[fptk]e4dy (qokeedy, oteedy), o[fptk]ody (otody), o[tk]e0-4y (oty, oteey, qokeey, okeeey, okeey), oa (oar), okod variants (okody), ola (olaiin), otai0-4n (otaiin, otain), otar variants (otair, otar), yodai0-4n (qodain) | f68v3 Inner Ring (keeey, otair), f69r Labeled Interior Bar #21 (otar), f85r2 Quadrant 1 (ceol), f86v3 Jet Figure #1 (otain, qokeedy, qotaiin), Rosette #1-2 Bridge #2 (ody), Rosette #2 Bottom Exterior Label (oedody), Rosette #2 Interior Ring (o*oar, yky), Rosette #2 Outer Ring (cedas, okcedy, okodain, olar, oteoteedy, taiin, ykody), Rosette #2 Protrusion Bottom-Left (opcey), Rosette #2 Protrusion Exterior (ceedar, oty), Rosette #2 Top Exterior Label (okody) | 0.18904 |
| 46 | f108v #2 | 5 | cedai4[lrsm \| n] (ceedal), o[fptk]c + e0-4dy (otceedy), o[fptk]e4dy (okedy, okeedy, oteedy, qokedy, qokeedy), o[fptk]edal (otedal), o[tk]e0-4y (okeey, qokeey, otey, oty), okal variants (qokal, okal), okar variants (okar, qokar, okair), ol[tk] (ceolkain), om + o[fptk \| dlrsmg]am (om) | f68v1 Exterior Stars #5 (okeey), f68v3 Stars #3 (qokal), Rosette #4-5 Bridge #1 (okar), Rosette #5 Compartment #3 (okcedy), Rosette #5 Compartment #5 (okedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (okair, okal, okedal, olky, yky) | 0.18855 |
| 47 | f103v #11 | 1 | [yo]dy endings (ceeody), c \| cs + e0-4[dlrsmg] (csed), o[fptk]ai4n (okaiin, qokaiin, qokain), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qokcseey, opceey), o[fptk]e4dy (otedy, okedy), o[tk]e0-4y (okeey, okey, otey, oty, qokeey, ykeey), oly (oly) | f68v2 Star Divider #1 (otey), f69r Labeled Interior Bar #18 (ykeey), Rosette #1 Outer Ring (csed, ody, okain, okcegy, oly, otedy, yky), Rosette #1 Quadrant #4 (okedy) | 0.18748 |
| 48 | f111v #1 | 5 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), c \| cs + e0-4[dlrsmg] (cseed), ce4a (cseal, ceear), ceckey relatives (ceeckey, ceckeey, ceckey), cedai4[lrsm \| n] (ceedar), g (g), kc-initial (kcey), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (otceey), o[fptk]e4dy (otedy, oteedy, qokedy, qokeedy, okedy, qotedy), o[tk]e0-4y (okeeey, okeey, qokeey), okal variants (qokal), okar variants (okar), otar variants (otar) | f68r3 Star Quadrant #5 (dcseol), f68v1 Exterior Stars #5 (okeey), f68v3 Sides #3 (ceckey), f68v3 Stars #3 (qokal), Rosette #4-5 Bridge #1 (okar), Rosette #4-5 Bridge #2 (cseeal, g), Rosette #5 Compartment #3 (okcedy), Rosette #5 Compartment #5 (okedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (kceedy, otar, otedy, yky), Rosette #5-6 Bridge #1 (cseed) | 0.18669 |
| 49 | f116r #6 | 6 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [fptk]e0-4y (keey), aro[dlrsmg] (arody), ce4a (cseeal, ceear), ceckey relatives (ceckey), eky (cseeky), o[fptk]ai4n (okain, qokain, qokaiin), o[fptk]c + e0-4y (ytceey), o[fptk]e4dy (otedy, oteedy, oteeedy, qokedy, qokeedy, okeedy), o[lr][yoa] (orain), o[lr]y (ory), o[tk]e0-4y (okey, qokeey, qoky, oteey, otey, oty, qoty), okal variants (qokal, okal, okalain, okaly), okar variants (okar), ol[yoa] (olar), om + o[fptk \| dlrsmg]am (qotam), otai0-4n (otain), otar variants (otar, qotar) | f67v2 Diagram Exterior 3 (daly), f68r3 Star Quadrant #4 (okey), f68r3 Star Quadrant #6 Star #3 (oty), f68v3 Stars #3 (keey), f69r Labeled Interior Bar #9 (ceor), f85r2 Quadrant 3 (arody), f86v3 Jet Figure #3 (ceear, qokal, qotaiin, qotar, ytceey), Rosette #6 Compartment #3 (okar), Rosette #6 Compartment #7 (oparom, otedy), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6 Outer Ring (ceckey, okal, otar), Rosette #6 Picatrix-Like Attachment (oteoly), Rosette #6-7 Bridge #1 (depceeky), Rosette #6-7 Bridge #2 (oteey) | 0.18487 |
| 50 | f112r #2 | 8 | [tk]c-Initial (tceedy), o[fptk]ai4n (otaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (otceedy), o[fptk]e4dy (oteedy, okeedy, qokedy), o[tk]e0-4y (qokeey, qoteey, okeey, oteey, otey) | f67v2 Protrusion #1 (okeeey), f68v2 Star Divider #1 (otey), f68v2 Stars #8 (ypcey), f86v3 Jet Figure #4 (oteey, qokedy, qokeey, tceeod), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (okeedy, oteedy) | 0.18470 |
| 51 | f111r #2 | 2 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (dary), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceeol), [yo][fptk]e4o (okeeo), [yo]ce4y + infixed versions (oceey, ockey), [yo]dy endings (oteody, qokeody, ceody), c \| c[fptk] + e4o (ceo), cedai4[lrsm \| n] (ceedar), eka (cseekal), eky (ceeky), o[fptk]ai4n (okain, qokain), o[fptk]c + e0-4dy (qotcedy, qotceedy), o[fptk]c + e0-4y (qotceey), o[fptk]e4dy (qokedy, qokeedy, otedy, oteedy, okeedy), o[tk]e0-4y (okeey, okey, oteey, qokeey, qoteey, qoky, otey, oty, ykeey), o[tk]e4s (otes), oa (oaiin, soaiin), oe0-4s (ceeos), oi (oir), okar variants (okar), ola (olaiiin), om (om), om + o[fptk \| dlrsmg]am (otam), ora (orain), orai0-4n (oraiin), otar variants (otar), rai4n (raiin), sai4n (sain), yodai0-4n (odaiin) | f67v2 Diagram Exterior 1 (oir, om), f68r3 Star Quadrant #3 (ceo, qoteey), f69r Labeled Interior Bar #21 (otar), f85r2 Quadrant 1 (ceol, oraiin, sain), f86v3 Jet Figure #1 (otey, qokeedy, raiin, ycseeey, ytain), Rosette #2 Bottom Exterior Label (oedody, okar), Rosette #2 Castle #3 Lighthouse-Like (daly), Rosette #2 Interior Ring (o*oar, oekairy, orar, yky), Rosette #2 Outer Ring (ceeky, oaiin, okcedy, okeedy, okees, okeo, okodain, olar, oteoteedy), Rosette #2 Protrusion Bottom-Left (opcey), Rosette #2 Protrusion Exterior (ceedar, otedy, oty), Rosette #2 Protrusion Top (osal) | 0.18432 |
| 52 | f106r #15 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), ce4a (cear), cedai4[lrsm \| n] (cedal), o[fptk]ai4n (okain, otaiin, qokaiin, qokain), o[fptk]e4dy (qokeedy, otedy), o[tk]e0-4y (oty, qoteey, qoty, oky), okal variants (okal), ol[tk] (olkair), otar variants (otair, otar), yodai0-4n (cseodaiin) | f68r3 Star Quadrant #7 (otceal), f68v1 Exterior Stars #7 (oteodain), f68v2 Star Divider #7 (dceedal), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (cseor, okal, olkoaiiin, otar, otedy, oty, qotedy) | 0.18343 |
| 53 | f108r #14 | 8 | [fptk]e0-4y (keey), cedai4[lrsm \| n] (cedar), o[fptk]ai4n (qokaiin), o[fptk]e4dy (qokedy, qokeedy, okedy, otedy, oteedy, yteedy), o[tk]e0-4y (okeey, qokeey) | f67v2 Protrusion #1 (okeeey), f86v3 Jet Figure #4 (keeey, qokaiin, qokedy, qokeey, yteedy), Rosette #8 Outer Ring (cedar, okedy, oteedy) | 0.18247 |
| 54 | f112r #1 | 3 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (taiin), [yo]dy endings (dody, ody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]c + e0-4dy (qotceedy), o[fptk]c + e0-4y (qokcey), o[fptk]ody (otody), o[lr]a (olaiin), o[tk]e0-4y (oty, qokeey, okeeey, okeey, oteey), oa (oar), okod variants (okody), otal variants (otal), otar variants (otar, otair) | f67v2 East-Oriented Text (dcseog, oafoaly, oky), f68v1 Exterior Stars #4 (otaly), Rosette #3 Diagram Interior #3 (oraiiin), Rosette #3 Outer Ring Sentence #1 (cedar, kar, okcsey, okody, otar, otody, qotcedy) | 0.18176 |
| 55 | f107v #4 | 2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, lceeol), [yo]dy endings (ceeody), a[dlrsmg]am (dalam), cectey relatives (cectey), o[fptk]ai4n (okaiin, okain, qokaiin, qokain), o[fptk]c + e0-4dy (okcedy), o[tk]e0-4y (okeey, qokeey), o-axis of [yo][fptk][ao][lr] (otol), okal variants (okal, qokal), okar variants (qokar), om + o[fptk \| dlrsmg]am (otam), otai0-4n (qotaiin, otain), yodai0-4r (odar) | f67v2 Diagram Center #2 (dalam), f67v2 Diagram Exterior 1 (om), f68r3 Star Quadrant #1 (okald), f85r2 Quadrant 1 (ceol), f86v3 Jet Figure #1 (cectey, ceeody, otain, qokaiin, qotaiin, ytain), Rosette #2 Interior Ring (odar, ykary, yky), Rosette #2 Outer Ring (okcedy), Rosette #2 Protrusion Bottom-Right (okor) | 0.18168 |
| 56 | f108r #2 | 5 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (cear), cedai4[lrsm \| n] (cedar), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (okceey), o[fptk]c + e0-4dy (qokceedy), o[fptk]e4dy (qokedy, qokeedy, okedy, otedy, qotedy), o[tk]e0-4y (oteey, okeey, qokeey), o-axis of [yo][fptk][ao][lr] (otol), okar variants (okar) | f67v2 South-Oriented Text (okolarm), f68r3 Star Quadrant #5 (dcseol), f68v1 Exterior Stars #5 (okeey), Rosette #4-5 Bridge #1 (okar), Rosette #4-5 Bridge #2 (cseeal), Rosette #5 Compartment #3 (okcedy), Rosette #5 Compartment #5 (okedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (otedy, yky) | 0.18134 |
| 57 | f103r #8 | 4 | ceckey relatives (ceckeey), cedai4[lrsm \| n] (ceedal), o[fptk]ai4n (okain, qokain), o[fptk]c + e0-4y (qotcey), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, otey, oty, okeeey, okeey, oky), okal variants (qokal), opce0-4dy (opceedy) | f67v2 Diagram Exterior 2 (okeey), f85r2 Quadrant 2 (ceckeey), f86v3 Jet Figure #2 (oteey, qotcey, ytaiin), Rosette #4 Compartment #3 (oky), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #7 (qokal), Rosette #4 Compartment #8 (ceeyky, opceedy), Rosette #4 Outer Ring (ceedal) | 0.18122 |
| 58 | f112r #9 | 8 | [yo][fptk]e4od + y (okeody), o[fptk]ai4n (qokaiin, okaiin), o[fptk]e4dy (oteedy, okedy, okeedy), o[tk]e0-4y (okeey, qoky), okal variants (okal) | f67v2 Protrusion #1 (okeeey), f86v3 Jet Figure #4 (qokaiin, yteedy), Rosette #8 Outer Ring (okaiin, okal, okedy, okeedy, oteedy) | 0.18077 |
| 59 | f112v #1 | 7 | [yo]pa (opal), ce4a (ceear), o[fptk]ai4n (okaiin, okain), o[fptk]e4dy (okedy, qokeedy), o[tk]e0-4y (qokeey, qoky, okeey, okey, oteey, oty), oa (oaiin, oar), okal variants (qokal), ora (oraiin), osa (osal) | f68r3 Star Quadrant #7 (otceal, qokeey), f69r Labeled Interior Bar #12 (okeey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (oar, okal, olkoaiiin, orar, otosaiiin, oty, qotedy) | 0.17991 |
| 60 | f106r #15 | 1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [fptk]ai4[dlrsmg \| n] (taiin), cedai4[lrsm \| n] (cedal), l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] (lar), o[fptk]ai4n (okain, qokaiin, qokain, otaiin), o[fptk]e4dy (otedy, qokeedy), o[tk]e0-4y (qoteey, qoty, oky, oty), okal variants (okal), ol[tk] (olkair) | f67v2 North-Oriented Text (dceeeor), f68v3 Stars #1 (cedail), f69r Labeled Interior Bar #18 (oky), Rosette #1 Outer Ring (kaiir, lar, okain, okal, olkcedy, otedy, yky), Rosette #1 Quadrant #4 (okedy) | 0.17987 |
| 61 | f116r #6 | 2 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [fptk]e0-4y (keey), [yo]dy endings (arody), cectey relatives (cectey), do (dol), eky (cseeky), o[fptk]ai4n (okain, qokaiin, qokain), o[fptk]c + e0-4y (ytceey), o[fptk]e4dy (qokedy, qokeedy, okeedy, otedy, oteedy, oteeedy), o[tk]e0-4y (oteey, otey, oty, okey, qokeey, qoky, qoty), oi (oiin), okal variants (okal, okalain, okaly, qokal), okar variants (okar), ola (olar), om + o[fptk \| dlrsmg]am (qotam), or[yoa] (ory), ora (orain), otai0-4n (otain), otar variants (otar, qotar) | f67v2 Diagram Exterior 1 (oir, om), f67v2 Multi-Face Diagram #1 (otararain), f68r3 Star Quadrant #1 (dol, okald), f68v3 Inner Ring (keeey), f69r Labeled Interior Bar #21 (otar), f85r2 Quadrant 1 (ary, ceol), f86v3 Jet Figure #1 (cectey, otain, otey, qokaiin, qokeedy, ytain), Rosette #2 Bottom Exterior Label (oedody, okar), Rosette #2 Interior Ring (orar, yky), Rosette #2 Outer Ring (ceeky, okeedy, olar, oteoteedy), Rosette #2 Protrusion Bottom-Left (opcey), Rosette #2 Protrusion Exterior (otedy, oty) | 0.17975 |
| 62 | f108r #8 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (cear), cedai4[lrsm \| n] (cedal, cedar), o[fptk]ai4n (okaiin, otaiin), o[fptk]c + e0-4dy (opceedy), o[fptk]e4dy (qotedy, qokedy, qokeedy, okedy), o[fptk]eda[lrsm \| n] (okedam), o[tk]e0-4y (okeey, qokeey), okal variants (qokal, okal) | f68r3 Star Quadrant #7 (otceal, qokeey), f68v2 Star Divider #7 (dceedal), f69r Labeled Interior Bar #12 (okeey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #3 (otcedy), Rosette #7 Outer Ring (cseor, okal, oteedaiiin, qotedy) | 0.17959 |
| 63 | f107r #12 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (ceo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), o[fptk]ai4n (okaiin, qokaiin, qokain, | f68r3 Star Quadrant #8 Wand/Branch (ceeol), f69r Labeled Interior Bar #14 (ceotal), f69r Labeled Interior Bar #15 (cseo), f85r2 | 0.17941 |

| | | | | | |
|---|---|---|---|---|---|
| | | | qotaiin), oe sans oy + oe4y, oe0-4s (oeedy), oi (oiin), okal variants (okal, qokal), ol[tk] (olkar), opce0-4dy (opceedy), ora (orar), otal variants (otal), otam variants (otam), otar variants (otair) | Quadrant 4 (qokal), f86v3 Jet Figure #4 (olkar, opceedy, otam, qokaiin, qokain), Rosette #7-8 Bridge #1 (soiiin), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Exterior Label #2 (yoe**ais), Rosette #8 Outer Ring (okaiin, okal, otar), Rosette #8 Smokestack (orarol) | |
| 64 | f113v #7 | 2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]ai4[dlrsmg \| n] (kar), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin, okain, qokaiin, ykaiin), oe0-4s (ceeos), okar variants (qokar, okar), ola (olal), otar variants (otar), rai4n (raiin) | f69r Labeled Interior Bar #21 (otar), f85r2 Quadrant 1 (ceol), f86v3 Jet Figure #1 (ceeody, qokaiin, raiin, ykaiin, ytain), Rosette #2 Bottom Exterior Label (okar), Rosette #2 Interior Ring (ykary), Rosette #2 Outer Ring (olar, taiin), Rosette #2 Protrusion Top (osal) | 0.17816 |
| 65 | f104r #11 | 4 | [yo]dy endings (oteody), o[fptk]ai4n (qokaiin, okaiin), o[fptk]c + e0-4dy (qotcedy), okal variants (okal), okar variants (okar), opam variants (opam), or[yoa] (oraiin), otar variants (qotar) | f68v3 Sides #3 (okal), f85r2 Quadrant 2 (qotcedy), f86v3 Jet Figure #2 (qokaiin, ytaiin), Rosette #4 Compartment #1 (okar), Rosette #4 Compartment #4 (opam, opceody), Rosette #4 Outer Ring (oror, otar) | 0.17746 |
| 66 | f106v #8 | 1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseor), c \| cs + e0-4[dlrsmg] (csed), cedai4[lrsm \| n] (cedaiin, cedal), o[fptk]ai4n (qokaiin, qokain, qotaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qokcey, okcsey), o[fptk]c + e0-4dy (qokcedy), o[fptk]e4dy (okeedy), okal variants (okal), okar variants (qokar), okol variants (qokol), ora (oraiin) | f67v2 North-Oriented Text (dceeeor), f68r3 Star Quadrant #8 (qokcedy, qokol), f68v3 Stars #1 (cedail), Rosette #1 Outer Ring (csed, okain, okair, okal, okcegy, oral), Rosette #1 Quadrant #4 (okedy) | 0.17704 |
| 67 | f111v #1 | 6 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [tk]e4dy (tedy), [yo][fptk]e4o (okeeo), c \| cs + e0-4[dlrsmg] (cseed), ce4a (ceear, cseal), ceckey relatives (ceeckey, cedkeey, ceckey), cedai4[lrsm \| n] (ceedar), Consonant Clusters (ls), g (g), kc-initial (kcey), l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] (lkam), o[fptk]ai4n (okaiin, okain, qokaiin, qokain), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (otceey), o[fptk]e4dy (otedy, oteedy, qokedy, qokeedy, okedy, qotedy), o[tk]e0-4y (okeeey, qokeey, okeey), oa (oaiin), okal variants (qokal), okar variants (okar), otai0-4n (otain, qotaiin), otar variants (otar) | f67v2 Diagram Exterior 3 (toal), f68r3 Star Quadrant #6 Star #3 (dg), f69r Labeled Interior Bar #9 (ceor), f85r2 Quadrant 3 (tedy), f86v3 Jet Figure #3 (ceear, kcsed, lkam, okeeey, qokal, qotaiin, yteeo), Rosette #5-6 Bridge #1 (cseed), Rosette #6 Compartment #1 (opcedy), Rosette #6 Compartment #3 (okar), Rosette #6 Compartment #5 (ofcedar), Rosette #6 Compartment #7 (otedy), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6 Outer Ring (ceckey, otar, otegar), Rosette #6-7 Bridge #2 (oteey) | 0.17631 |
| 68 | f113v #7 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin, okain, qokaiin, ykaiin), oe0-4s (ceeos), ola (olal), otal variants (otal), otar variants (otar) | f68r3 Star Quadrant #8 Wand/Branch (ceeol), f69r Labeled Interior Bar #14 (ceotal), f86v3 Jet Figure #4 (aceeody, ceeos, qokaiin, ykaiin), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Exterior Label #6 (olal), Rosette #8 Outer Ring (okaiin, otar) | 0.17447 |
| 69 | f114v #12 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo][fptk]e4od + y (qoteeody), [yo]dy endings (ceeody), aro[dlrsmg] (arody), o[fptk \| dlrsmg][ao]m (otam), o[fptk]ai4n (okaiin, qokaiin), o[fptk]c + e0-4y (otceey, qotceey), o[fptk]eda[lrsm \| n] (okedaiin), o[tk]e0-4y (okeey, oteey), okal variants (okal), okar variants (qokar), otai0-4n (qotaiin, otaiin, otain), otal variants (otal), otar variants (qotar), yodai0-4n (odaiin) | f67v2 Diagram Exterior 2 (okeey), f68v3 Sides #3 (okal), f85r2 Quadrant 2 (qokar, qotaiin), f86v3 Jet Figure #2 (ceeeor, otaiin, otceey, oteey, qokaiin, qotceey, qoteeody, ytaiin), Rosette #4 Compartment #4 (opam, opceody), Rosette #4 Compartment #6 (oparod), Rosette #4 Outer Ring (odaiin, okedaiin, otal, otar) | 0.17417 |
| 70 | f106v #15 | 7 | cedai4[lrsm \| n] (ceedar), o[fptk]ai4n (otaiin, qokaiin, okain), o[fptk]e4dy (qokeedy, otedy, oteedy), o[fptk]eda[lrsm \| n] (okedaiin), o[tk]e0-4y (okeeey, okeey, oky, ceeyky, oteey, oty), okal variants (okal), otar variants (ytar), yodai0-4n (odaiin) | f68v1 Exterior Stars #7 (oteodain), f68v2 Star Divider #7 (dceedal), f69r Labeled Interior Bar #12 (okeey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (okal, otar, otedy, oteedaiiin, oty, qotedy) | 0.17201 |
| 71 | f112r #9 | 1 | [yo][fptk]e4od + y (okeody), o[fptk]ai4n (qokaiin, okaiin), o[fptk]e4dy (oteedy, okedy, okeedy), o[tk]e0-4y (okeey, qoky), okal variants (okal) | f68v3 Stars #1 (okeody), Rosette #1 Outer Ring (okain, okal, yky), Rosette #1 Quadrant #4 (okedy) | 0.17178 |
| 72 | f107v #4 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, lceeol), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin, okain, otain, qokaiin, qokain, qotaiin), o[fptk]c + e0-4dy (okcedy), o[tk]e0-4y (okeey, qokeey), okal variants (qokal, okal), yodai0-4r (odar) | f68r3 Star Quadrant #7 (qokeey), f68v2 Star Divider #6 (odair), f69r Labeled Interior Bar #11 (ceeody), f69r Labeled Interior Bar #12 (okeey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #3 (otcedy), Rosette #7 Outer Ring (cseor, okal) | 0.17152 |
| 73 | f104r #11 | 6 | [yo]dy endings (oteody), [yo]pa (opam), o[fptk]ai4n (qokaiin, okaiin), o[fptk]c + e0-4dy (qotcedy), o[lr][yoa] (oraiin), okal variants (okal), okar variants (okar), otar variants (qotar) | f86v3 Jet Figure #3 (qotaiin, qotar), Rosette #6 Compartment #1 (opcedy), Rosette #6 Compartment #3 (okar), Rosette #6 Compartment #7 (oparom), Rosette #6 Exterior Label #1 (ofodydy), Rosette #6 Outer Ring (okal), Rosette #6 Picatrix-Like Attachment (oteoly) | 0.17098 |
| 74 | f107v #1 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [yo]c + e4dy (oceedy), [yo]dy endings (ceody), eky (ceeky), kc-initial (kcey), o[fptk]ai4n (qokaiin, qokain), o[fptk]e4dy (otedy, qokedy), oe0-4s (oteos), okar variants (qokar), ol[tk] (olkair), otai0-4n (otaiin), otal variants (otal), otar variants (otar) | f67v2 Diagram Exterior 2 (osalal), f85r2 Quadrant 2 (qokar), f86v3 Jet Figure #2 (ceeeor, oceedy, otaiin, qokaiin, ytaiin), Rosette #4 Compartment #1 (ceeky), Rosette #4 Compartment #2 (kcey, qokedy), Rosette #4 Compartment #4 (opceody), Rosette #4 Outer Ring (ollar, otal, otar, otedy) | 0.17085 |
| 75 | f108r #2 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (cear), cedai4[lrsm \| n] (cedar), o[fptk]c + e0-4dy (qokceedy), o[fptk]c + e0-4y (okceey), o[fptk]e4dy (okedy, qokedy, qokeedy, otedy, qotedy), o[tk]e0-4y (oteey, qokeey, okeey), okar variants (okar), otol variants (otol) | f67v2 Diagram Exterior 2 (okeey), f67v2 Protrusion #3 (cear), f86v3 Jet Figure #2 (ceeeor, oteey, qokeey), Rosette #4 Compartment #1 (okar), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #5 (otol), Rosette #4 Compartment #7 (opcedy), Rosette #4 Outer Ring (cecedam, otecseey, otedy) | 0.17070 |
| 76 | f108r #14 | 4 | cedai4[lrsm \| n] (cedar), o[fptk]ai4n (qokaiin), o[fptk]e4dy (qokedy, qokeedy, okedy, otedy, oteedy, yteedy), o[tk]e0-4y (okeey, qokeey) | f67v2 Diagram Exterior 2 (okeey), f86v3 Jet Figure #2 (qokaiin, qokeey), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #4 (oteedy), Rosette #4 Outer Ring (cecedam, otedy) | 0.17062 |
| 77 | f112r #2 | 2 | [tk]c-Initial (tceedy), ceckey relatives (ceckey), o[fptk]c + e0-4dy (otceedy), o[fptk]e4dy (oteedy, okeedy, qokedy), o[tk]e0-4y (qokeey, qoteey, okeey, oteey, otey), otai0-4n (otaiin), qo variants (qo) | f68r3 Star Quadrant #3 (qoteey), f68v3 Sides #2 (qo), f86v3 Jet Figure #1 (ceckey, otey, qotaiin, tceedy), Rosette #2 Interior Ring (ykey), Rosette #2 Outer Ring (okcedy, okeedy, oteoteedy) | 0.17053 |
| 78 | f108r #13 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]ce4y (yceey), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]ai4n (otain), o[fptk]e4dy (otedy, oteedy, qokedy, qokeedy, okedy, okeedy, qotedy), o[tk]e0-4y (okeey, okey, qokeey), ola (olal) | f68r3 Star Quadrant #7 (qokeey), f68v2 Star Divider #7 (dceedal), f69r Labeled Interior Bar #11 (ceeody), f69r Labeled Interior Bar #12 (okeey), f69r Labeled Interior Bar #13 (dkocey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (cseor, olaiiin, otedy, qotedy) | 0.16995 |
| 79 | f103v #11 | 7 | [yo]dy endings (ceeody), o[fptk]ai4n (okaiin, qokaiin, qokain), o[fptk]c + e0-4y (qokcseey, opceey), o[fptk]e4dy (otedy, okedy), o[tk]e0-4y (okeey, okey, otey, oty, qokeey, ykeey), ol[yoa] (oly) | f68r3 Star Quadrant #7 (qokeey), f69r Labeled Interior Bar #11 (ceeody), f69r Labeled Interior Bar #12 (okeey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #4 (okcey), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (olaiiin, otedy, oty, qotedy) | 0.16977 |
| 80 | f108r #5 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol, cseor), ceckey relatives (ceckey), o[fptk]ai4n (okain, qokaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (opcedy), o[fptk]c + e0-4dy (okceedy), o[tk]e0-4y (qokeey), oe sans oy + oe4y, oe0-4s (qoeedy), ofal variants (ofal), okal variants (qokal), ol[tk] (olkaiin), orai0-4n (orain) | f67v2 Diagram Exterior 4 (ofal), f68v2 Stars #8 (ypcey), f85r2 Quadrant 4 (ceckey, orain, qokal), f86v3 Jet Figure #4 (cseor, okceedy, qokaiin, qokeey), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Exterior Label #2 (yoe**ais), Rosette #8 Outer Ring (cseol, olkeeodaiin) | 0.16975 |
| 81 | f112r #8 | 2 | a[dlrsmg]am (aram), a[lr]an (araiin), o[fptk]c + e0-4dy (qokcedy), o[fptk]e4dy (otedy, okeedy, qotedy), o[tk]e0-4y (okeey, qoky), okar variants (qokar), ola (olaiin), sai4n (sain) | f68r3 Star Quadrant #8 (qokcedy), f85r2 Quadrant 1 (sain), f86v3 Jet Figure #1 (araiin), Rosette #2 Interior Ring (aram, ykary, yky), Rosette #2 Outer Ring (okeedy, olar, oteoteedy), Rosette #2 Protrusion Exterior (otedy) | 0.16963 |
| 82 | f106v #8 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseor), ce4a (csear), cedai4[lrsm \| n] (cedaiin, cedal), o[fptk]ai4n (qokaiin, qokain, qotaiin), o[fptk]c + e0-4dy (qokcedy), o[fptk]c + e0-4y (qokcey, okcsey), o[fptk]e4dy (okeedy), od[fptk \| dlrsmg] (odl), okal variants (okal), ora (oraiin) | f68r3 Star Quadrant #7 (otceal), f68v2 Star Divider #7 (dceedal), Rosette #6-7 Bridge Interior East (odl), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #3 (otcedy), Rosette #7 Left Label #4 (okcey), Rosette #7 Outer Ring (cseor, okal, orar, qotedy) | 0.16932 |
| 83 | f113v #7 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin, okain, qokaiin, ykaiin), oe0-4s (ceeos), okar variants (qokar, okar), ola (olal), otal variants (otal), otar variants (otar) | f67v2 Diagram Exterior 2 (osalal), f85r2 Quadrant 2 (qokar), f86v3 Jet Figure #2 (ceeeor, qokaiin, ykaiin, ytaiin), Rosette #4 Compartment #1 (okar), Rosette #4 Compartment #4 (olaiiin, opceody), Rosette #4 Outer Ring (otal, otar) | 0.16895 |
| 84 | f108r #8 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (cear), cedai4[lrsm \| n] (cedal, cedar), o[fptk]ai4n (okaiin, otaiin), o[fptk]e4dy (okedy, qotedy, qokedy, qokeedy), o[fptk]eda[lrsm \| n] (okedam), o[tk]e0-4y (qokeey, okeey), okal variants (qokal, okal), opce0-4dy (opceedy) | f67v2 Protrusion #1 (okeeey), f68r3 Star Quadrant #8 Wand/Branch (ceeol), f85r2 Quadrant 4 (qokal), f86v3 Jet Figure #4 (ceallar, opceedy, qokedy, qokeey), Rosette #8 (okcedarar), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (cedar, okaiin, okal, okedy, otdar, oteedy) | 0.16877 |
| 85 | f107v #5 | 6 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fp]ai0-4[rn] (opaiin), [yo]dy endings (qokeody), ceckey relatives (ceckey), l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] (lkam), o[fptk]ai4n (okaiin, qokain), o[fptk]e4dy (otedy), okal variants (okal), okar variants (qokar), ol[yoa] (olaiin), otai0-4n (otaiin) | f69r Labeled Interior Bar #9 (ceor), f86v3 Jet Figure #3 (lkam, otaiin, qotaiin), Rosette #6 Compartment #3 (okar), Rosette #6 Compartment #7 (oparom, otedy), Rosette #6 Exterior Label #1 (ofodydy), Rosette #6 Outer Ring (ceckey, okal), Rosette #6 Picatrix-Like Attachment (oteoly) | 0.16873 |
| 86 | f106v #8 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseor), c \| cs + e0-4[dlrsmg] (csed), ce4a (csear), cedai4[lrsm \| n] (cedaiin, cedal), o[fptk]ai4n (qokaiin, qokain, qotaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qokcedy), o[fptk]c + e0-4y (qokcey, okcsey), o[fptk]e4dy (okeedy), o-axis of [yo][fptk][ao][lr] (qokol), od[fptk \| dlrsmg] (odl), okal variants (okal), ora (oraiin) | f67v2 Diagram Exterior 4 (ceol), f68v2 Stars #8 (ypcey), f86v3 Jet Figure #4 (ceallar, cseor, qokaiin, qokain), Rosette #8 (okcedarar), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Exterior Label #7 (dceos), Rosette #8 Outer Ring (cseees, okal, okeedy, okor, otodr), Rosette #8 Smokestack (orarol) | 0.16833 |
| 87 | f107v #5 | 1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fp]ai0-4[rn] (opaiin), [yo]dy endings (qokeody), l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] (lkam), o[fptk]ai4n (okaiin, otaiin, qokain), o[fptk]e4dy (otedy), o[lr]a (olaiin), okal variants (okal), okar variants (qokar) | f67v2 North-Oriented Text (dceeeor), Rosette #1 Outer Ring (lar, ody, okain, okair, okal, oral, otedy), Rosette #1 Quadrant #5 (ofary) | 0.16826 |
| 88 | f108r #13 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]ce4y + infixed versions (yceey), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk \| dlrsmg][ao]m (otam), o[fptk]e4dy (otedy, oteedy, qokedy, qokeedy, qotedy, okedy, okeedy), o[tk]e0-4y (okeey, okey, qokeey), okar variants (okar, qokar), ola (olal), otai0-4n (otain) | f67v2 Diagram Exterior 2 (okeey), f68r3 Star Quadrant #4 Star #2 (ceockey), f85r2 Quadrant 2 (qokar), f86v3 Jet Figure #2 (ceeeor, qokeey, qotaiin), Rosette #4 Compartment #1 (okar, okeedy), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #4 (olaiiin, opam, opceody, oteedy), Rosette #4 Compartment #8 (ceeyky), Rosette #4 Outer Ring (cecedam, ceedal, otedy) | 0.16781 |
| 89 | f107v #10 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), o[fptk]ai4n (okaiin, okain, qokaiin, ykaiin, otaiin), o[fptk]c + e0-4y (otceey), o[fptk]e4dy (okedy), oa (oaiin), orai0-4n (orain), yodai0-4n (odain, qodaiin) | f67v2 Diagram Exterior 4 (ceol), f85r2 Quadrant 4 (orain, qodaiin), f86v3 Jet Figure #4 (otceey, qokaiin, ykaiin), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (oas, okaiin, okedy, olkeeodaiin) | 0.16771 |
| 90 | f112r #1 | 1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (taiin), [yo]dy endings (ody), cedai4[lrsm \| n] (ceedal, ceedar), do (dody), o[fptk][ao]d (otody), o[fptk]ai4n (otaiin, otain), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qokcey), o[fptk]c + e0-4dy (qotceedy), o[fptk]e4dy (qokeedy, oteedy), o[lr]a (olaiin), o[tk]e0-4y (okeeey, okeey, oteey, qokeey, oty), okod variants (okody), x (xar) | f67v2 North-Oriented Text (dceeeor), f68v3 Stars #1 (cedail), Rosette #1 Outer Ring (kaiir, ody, okain, okcedy, okcegy, okod, oral, yky), Rosette #1 Quadrant #3 (docfcey), Rosette #1 Quadrant #4 (okedy), Rosette #1 Quadrant #9 (dxar) | 0.16760 |

| | | | | | |
|---|---|---|---|---|---|
| 91 | f108r #14 | 2 | [fptk]e0-4y (keey), cedai4[lrsm \| n] (cedar), o[fptk]ai4n (qokaiin), o[fptk]e4dy (qokedy, qokeedy, okedy, otedy, oteedy, yteedy), o[tk]e0-4y (okeey, qokeey) | f68v3 Inner Ring (keeey), f86v3 Jet Figure #1 (cedar, qokaiin, qokeedy), Rosette #2 Interior Ring (ykly), Rosette #2 Outer Ring (oteoteedy), Rosette #2 Protrusion Exterior (otedy) | 0.16730 |
| 92 | f111v #1 | 9 | ce4a (ceear, cseal), cedai4[lrsm \| n] (ceedar), Consonant Clusters (ls), g (g), o[fptk]ai4n (otain, okaiin, okain, qokaiin, qokain, qotaiin), o[fptk]c + e0-4y (otceey), o[fptk]e4dy (otedy, oteedy, qotedy, qokedy, qokeedy, okedy), oa (oaiin), okal variants (qokal), okar variants (okar) | Rosette #9 Canister #5 (opcedaiiin), Rosette #9 Center #12 (dgl), Rosette #9 Center #17 (otedy), Rosette #9 Center #7 (oteedy), Rosette #9 Outer Ring Sentence #1 (cseax, okal, osoa, otcsee, oteeedy), Rosette #9 Outer Ring Sentence #2 (okaiiin, okar) | 0.16695 |
| 93 | f108r #10 | 9 | o[fptk]ai4n (okain), o[fptk]e4dy (qokedy, qokeedy, qotedy, okedy, otedy), okal variants (qokal), okar variants (okar) | Rosette #9 Center #17 (otedy), Rosette #9 Outer Ring Sentence #1 (okal, oteeedy), Rosette #9 Outer Ring Sentence #2 (okaiiin, okar) | 0.16664 |
| 94 | f106v #15 | 4 | [yo][fptk]e4o (okeeo), cedai4[lrsm \| n] (ceedar), o[fptk]ai4n (okain, qokaiin), o[fptk]e4dy (qokeedy, otedy, oteedy), o[fptk]eda[lrsm \| n] (okedaiin), o[tk]e0-4y (okeeey, okeey, oky, ceeyky, oteey, oty), okal variants (okal), otai0-4n (otaiin), otar variants (ytar), otol variants (otol), yodai0-4n (odaiin) | f67v2 Diagram Exterior 2 (okeey), f68v3 Sides #3 (okal), f69r Labeled Interior Bar #4 (okeeo), f86v3 Jet Figure #2 (otaiin, oteey, qokaiin, ytaiin), Rosette #4 Compartment #3 (oky), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #5 (otol), Rosette #4 Compartment #8 (ceeyky), Rosette #4 Outer Ring (cecedam, odaiin, okedaiin, otar, otedy) | 0.16601 |
| 95 | f103r #10 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), ety (cseety), o[fptk]ai4n (okaiin), o[fptk]e4dy (otedy, qokedy), o[tk]e0-4y (oteey, okeey), okal variants (qokal), opce0-4dy (opceedy), ora (oraiin) | f67v2 Diagram Exterior 4 (ceol), f67v2 Protrusion #1 (okeeey), f68v1 Exterior Stars #8 (cpceety), f85r2 Quadrant 4 (qokal), f86v3 Jet Figure #4 (opceedy, oteey, qokedy), Rosette #8 Outer Ring (okaiin, otedy), Rosette #8 Smokestack (orarol) | 0.16583 |
| 96 | f103r #8 | 7 | cedai4[lrsm \| n] (ceedal), o[fptk]ai4n (okain, qokain), o[fptk]c + e0-4dy (opceedy), o[fptk]c + e0-4y (qotcey), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, otey, oty, okeeey, okeey, oky), okal variants (qokal) | f68v2 Star Divider #7 (dceedal), f69r Labeled Interior Bar #12 (okeey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #3 (otcedy), Rosette #7 Left Label #4 (okcey), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (okal, oty, qotedy) | 0.16579 |
| 97 | f114v #12 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (arody, ceeody, qoteeody), o[fptk]ai4n (otaiin, otain, qokaiin, qotaiin, okaiin), o[fptk]c + e0-4y (otceey, qotceey), o[fptk]eda[lrsm \| n] (okedaiin), o[tk]e0-4y (okeey, oteey), okal variants (okal), otar variants (qotar), yodai0-4n (odaiin) | f68v1 Exterior Stars #7 (oteodain), f69r Labeled Interior Bar #11 (ceeody), f69r Labeled Interior Bar #12 (okeey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #4 (okcey), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (cseor, okal, otar, oteedaiiin) | 0.16562 |
| 98 | f104r #11 | 3 | [yo][fp]a (opam), [yo]dy endings (oteody), o[fptk]c + e0-4dy (qotcedy), okal variants (okal), okar variants (okar), orai0-4n (oraiin), otar variants (qotar) | Rosette #3 Diagram Interior #1 (ofairy), Rosette #3 Diagram Interior #3 (oraiiin), Rosette #3 Outer Ring Sentence #1 (okar, okody, otar, qotcedy), Rosette #3 Outer Ring Sentence #2 (okal) | 0.16554 |
| 99 | f103v #11 | 8 | [yo]dy endings (ceeody), c \| cs + e0-4[dlrsmg] (csed), ceckey relatives (ceeckey), o[fptk]ai4n (okaiin, qokaiin, qokain), o[fptk]c + e0-4y (qokcseey), o[fptk]e4dy (okedy, otedy), o[tk]e0-4y (otey, oty, okeey, okey, qokeey, ykeey), ol[yoa] (oly), opce0-4y (opceey), otal variants (otaly) | f67v2 Protrusion #1 (okeeey), f68v2 Star Divider #1 (otey), f68v2 Stars #8 (ypcey), f69r Labeled Interior Bar #14 (ceotal), f85r2 Quadrant 4 (qokcseey), f86v3 Jet Figure #4 (aceeody, ceeckey, qokaiin, qokain, qokeey, ykeey), Rosette #8 Exterior Label #6 (olal), Rosette #8 Outer Ring (cseees, okaiin, okedy, oteedy) | 0.16524 |
| 100 | f103r #10 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), ety (cseety), o[fptk]ai4n (okaiin), o[fptk]e4dy (otedy, qokedy), o[tk]e0-4y (oteey, okeey), okal variants (qokal), opce0-4dy (opceedy), or[yoa] (oraiin) | f67v2 Diagram Exterior 2 (okeey), f86v3 Jet Figure #2 (ceeeor, oteey, ytaiin), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #7 (qokal), Rosette #4 Compartment #8 (cseety, opceedy), Rosette #4 Outer Ring (oror, otedy) | 0.16497 |
| 101 | f112v #2 | 4 | cedai4[lrsm \| n] (opcedar), eka (ceekaiiin), o[fptk]ai4n (okaiin), o[fptk]c + e0-4dy (okceedy, qokcedy), oa (soaiin), o-axis of [yo][fptk][ao][lr] (okor), okal variants (okal), okar variants (okar), oro (oror), otai0-4n (otaiin), otal variants (otal) | f68v3 Sides #3 (okal), f86v3 Jet Figure #2 (otaiin, ytaiin), Rosette #4 Compartment #1 (okar, okol), Rosette #4 Compartment #3 (soa), Rosette #4 Compartment #7 (opcedy), Rosette #4 Outer Ring (cecedam, ceekaiiin, oror, otal) | 0.16488 |
| 102 | f116r #3 | 1 | l[drs] Prefixes (ldy), o[fptk]ai4n (qokain), o[fptk]e4dy (qokeedy, otedy, yteedy), o[tk]e0-4y (otey, qokeey, qoteey, okeey) | f68v2 Star Divider #1 (otey), Rosette #1 Outer Ring (ldy, okain, otedy, yky), Rosette #1 Quadrant #4 (okedy) | 0.16464 |
| 103 | f108r #14 | 1 | cedai4[lrsm \| n] (cedar), o[fptk]ai4n (qokaiin), o[fptk]e4dy (qokedy, qokeedy, otedy, oteedy, yteedy, okedy), o[tk]e0-4y (okeey, qokeey) | f68v3 Stars #1 (cedail), Rosette #1 Outer Ring (okain, otedy, yky), Rosette #1 Quadrant #4 (okedy) | 0.16443 |
| 104 | f104r #2 | 4 | [yo]c + e4ody (yceeeody), cedai4[lrsm \| n] (ceedal), o[fptk]ai4n (qokaiin), o[fptk]c + e0-4dy (otcedy, otceedy), o[fptk]e4dy (qokeedy), o-axis of [yo][fptk][ao][lr] (okor), oe0-4s (cseeos), okal variants (qokal), okar variants (qokar, okar), okol variants (qokol), opce0-4dy (opcedy), otai0-4n (qotaiin), otar variants (otar), yodai0-4n (odaiin, qodain), yodai0-4r (odar) | f85r2 Quadrant 2 (cseeos, otceedy, qokar), f86v3 Jet Figure #2 (qokaiin, qotaiin, yceeeody), Rosette #4 Compartment #1 (cseodaiiin, okar, okol), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #7 (opcedy, qokal), Rosette #4 Outer Ring (ceedal, odaiin, odar, otar) | 0.16429 |
| 105 | f108r #13 | 2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]ce4y + infixed versions (yceey), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]e4dy (okedy, okeedy, qotedy, otedy, oteedy, qokedy, qokeedy), o[tk]e0-4y (qokeey, okeey, okey), okar variants (okar, qokar), ola (olal), om + o[fptk \| dlrsmg]am (otam), otai0-4n (otain) | f67v2 Diagram Exterior 1 (om), f85r2 Quadrant 1 (ceol, cseo), f86v3 Jet Figure #1 (ceeody, otain, qokeedy, yceeey), Rosette #2 Bottom Exterior Label (okar), Rosette #2 Interior Ring (ykary, yky), Rosette #2 Outer Ring (cedas, okeedy, olar, oteoteedy), Rosette #2 Protrusion Exterior (ceedar, otedy) | 0.16423 |
| 106 | f112r #9 | 4 | [yo]dy endings (okeody), o[fptk]ai4n (okaiin, qokaiin), o[fptk]e4dy (oteedy, okedy, okeedy), o[tk]e0-4y (okeey, qoky), okal variants (okal) | f67v2 Diagram Exterior 2 (okeey), f68v3 Sides #3 (okal), f86v3 Jet Figure #2 (qokaiin, qoky, ytaiin), Rosette #4 Compartment #1 (okeedy), Rosette #4 Compartment #4 (opceody, oteedy) | 0.16423 |
| 107 | f106v #8 | 6 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseor), c \| cs + e0-4[dlrsmg] (csed), ce4a (csear), cedai4[lrsm \| n] (cedaiin, cedal), o[fptk]ai4n (qokaiin, qokain), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (okcsey), o[fptk]c + e0-4dy (qokcedy), o[fptk]c + e0-4y (qokcey), o[fptk]e4dy (okeedy), o[lr][yoa] (oraiin), o-axis of [yo][fptk][ao][lr] (qokol), od[fptk \| dlrsmg] (odl), okal variants (okal), okar variants (qokar), otai0-4n (qotaiin) | f67v2 Diagram Center #4 (okoral), f68r3 Star Quadrant #5 (qokcey), f69r Labeled Interior Bar #9 (ceor), f86v3 Jet Figure #3 (cedal, ceear, qotaiin), Rosette #6 Compartment #1 (opcedy), Rosette #6 Compartment #3 (okar), Rosette #6 Compartment #5 (ofcedar), Rosette #6 Compartment #8 Label #2 (lokedcses), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6 Outer Ring (okal), Rosette #6 Picatrix-Like Attachment (oteoly), Rosette #6-7 Bridge Interior East (odl) | 0.16418 |
| 108 | f108r #10 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), o[fptk]ai4n (okain), o[fptk]e4dy (okedy, otedy, qokedy, qokeedy, qotedy), okal variants (qokal) | Rosette #7 Left Label #2 (opaiiino), Rosette #7 Outer Ring (cseor, okal, otedy, qotedy) | 0.16385 |
| 109 | f108r #14 | 7 | cedai4[lrsm \| n] (cedar), o[fptk]ai4n (qokaiin), o[fptk]e4dy (qokedy, qokeedy, otedy, oteedy, yteedy, okedy), o[tk]e0-4y (okeey, qokeey) | f68r3 Star Quadrant #7 (qokeey), f68v2 Star Divider #7 (dceedal), f69r Labeled Interior Bar #12 (okeey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Outer Ring (otedy, qotedy) | 0.16374 |
| 110 | f108r #13 | 1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]ce4y + infixed versions (yceey), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]ai4n (otain), o[fptk]e4dy (otedy, oteedy, okedy, okeedy, qotedy, qokedy, qokeedy), o[lr]a (olal), o[tk]e0-4y (qokeey, okeey, okey), okar variants (qokar, okar) | f67v2 North-Oriented Text (dceeeor), f68r3 Star Quadrant #1 (ceocpey), f68v3 Stars #1 (cedail), Rosette #1 Outer Ring (ody, okain, okair, oral, otedy, yky), Rosette #1 Quadrant #4 (okedy) | 0.16358 |
| 111 | f107v #4 | 6 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, lceeol), [yo]dy endings (ceeody), a[dlrsmg]am (dalam), o[fptk]ai4n (okaiin, okain, qokaiin, qokain), o[fptk]c + e0-4dy (okcedy), o[tk]e0-4y (okeey, qokeey), o-axis of [yo][fptk][ao][lr] (otol), okal variants (qokal, okal), okar variants (qokar), om + o[fptk \| dlrsmg]am (otam), otai0-4n (qotaiin, otain), yodai0-4r (odar) | f67v2 Diagram Center #4 (okoral), f69r Labeled Interior Bar #9 (ceor), f86v3 Jet Figure #3 (ceeody, qokal, qotaiin), Rosette #6 Compartment #1 (opcedy), Rosette #6 Compartment #3 (okar), Rosette #6 Compartment #4 (opdaram), Rosette #6 Compartment #7 (oparom), Rosette #6 Outer Ring (okal), Rosette #6 Picatrix-Like Attachment (odar), Rosette #6-7 Bridge #2 (oteey) | 0.16351 |
| 112 | f104r #11 | 9 | [yo][fptk]e4od + y (oteody), [yo]pa (opam), o[fptk]ai4n (qokaiin, okaiin), o[fptk]c + e0-4dy (qotcedy), o[lr]a (oraiin), okal variants (okal), okar variants (okar) | Rosette #9 Center #9 (ypal), Rosette #9 Outer Ring Sentence #1 (okal), Rosette #9 Outer Ring Sentence #2 (okaiiin, okar, okcedy, okeody, olar) | 0.16342 |
| 113 | f106v #15 | 5 | [fptk]e0-4y (keey), cedai4[lrsm \| n] (ceedar), o[fptk]e4dy (otedy, oteedy, qokeedy), o[fptk]eda[lrsm \| n] (okedaiin), o[tk]e0-4y (okeeey, okeey, oky, ceeyky, oteey, oty), o-axis of [yo][fptk][ao][lr] (otol), okal variants (okal), otar variants (ytar), yodai0-4n (odaiin) | f67v2 South-Oriented Text (okolarm), f68v3 Sides #3 (okeey), f68v3 Stars #3 (keey), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (odaiiin, okal, okedaiiin, otar, otedy, yky) | 0.16327 |
| 114 | f108v #2 | 4 | ady (dady), cedai4[lrsm \| n] (ceedal), o[fptk]c + e0-4dy (otceedy), o[fptk]e4dy (qokedy, qokeedy, okedy, okeedy, oteedy), o[fptk]eda[lrsm \| n] (otedal), o[tk]e0-4y (qokeey, otey, oty, okeey), okal variants (qokal, okal), okar variants (okar, okair, qokar), ol[tk] (ceolkain), om (om) | f67v2 Diagram Exterior 2 (okeey, oralady), f68v3 Sides #3 (okal), f85r2 Quadrant 2 (otceedy, qokar), f86v3 Jet Figure #2 (om, qokeey), Rosette #4 Compartment #1 (okar, okeedy), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #7 (qokal), Rosette #4 Compartment #8 (ceeyky), Rosette #4 Outer Ring (ceedal, okary, okedaiin, olkar) | 0.16300 |
| 115 | f103r #8 | 8 | ceckey relatives (ceckeey), cedai4[lrsm \| n] (ceedal), o[fptk]ai4n (okain, qokain), o[fptk]c + e0-4y (qotcey), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, otey, oty, okeeey, okeey, oky), okal variants (qokal), opce0-4dy (opceedy) | f67v2 Protrusion #1 (okeeey), f68v2 Star Divider #1 (otey), f68v2 Stars #8 (ypcey), f85r2 Quadrant 4 (qokal), f86v3 Jet Figure #4 (ceeckey, opceedy, oteey, qokain), Rosette #8 (okcedarar), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (oteedy) | 0.16298 |
| 116 | f108r #8 | 5 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (cear), cedai4[lrsm \| n] (cedal, cedar), o[fptk]c + e0-4dy (opceedy), o[fptk]e4dy (qokedy, qokeedy, qotedy, okedy), o[fptk]eda[lrsm \| n] (okedam), o[tk]e0-4y (okeey, qokeey), okal variants (qokal, okal) | f68r3 Star Quadrant #5 (dcseol), f68v1 Exterior Stars #5 (okeey), f68v3 Stars #3 (qokal), Rosette #4-5 Bridge #2 (cseeal), Rosette #5 Compartment #3 (okcedy), Rosette #5 Compartment #5 (okedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (okal, okedair, yky) | 0.16266 |
| 117 | f112r #2 | 6 | [tk]c-Initial (tceedy), o[fptk]c + e0-4dy (otceedy), o[fptk]e4dy (oteedy, qokedy, okeedy), o[tk]e0-4y (okeey, qokeey, qoteey, oteey, otey), otai0-4n (otaiin) | f86v3 Jet Figure #3 (otaiin, otceedy, qoteey, tceedy), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6-7 Bridge #2 (oteey) | 0.16253 |
| 118 | f106r #15 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), ce4a (cear), cedai4[lrsm \| n] (cedal), dcedy relatives (dcseedy), o[fptk]ai4n (okain, qokaiin, qokain), o[fptk]e4dy (qokeedy, otedy), o[tk]e0-4y (oty, qoteey, qoty, oky), okal variants (okal), ol[tk] (olkair), otai0-4n (otaiin), otar variants (otair, otar), yodai0-4n (cseodaiin) | f67v2 Protrusion #3 (cear), f68v3 Sides #3 (okal), f86v3 Jet Figure #2 (ceeeor, dcseedy, otaiin, qokaiin, qoteey, qoty, ytaiin), Rosette #4 Compartment #1 (cseodaiiin), Rosette #4 Compartment #3 (oky), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #8 (ceeyky), Rosette #4 Outer Ring (cecedam, olkar, otar, otedy) | 0.16249 |
| 119 | f108r #13 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]ce4y (yceey), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]ai4n (otain), o[fptk]e4dy (okedy, okeedy, otedy, oteedy, qokedy, qokeedy, qotedy), o[tk]e0-4y (qokeey, okeey, okey), ola (olal), otam variants (otam) | f67v2 Diagram Exterior 4 (ceol), f67v2 Protrusion #1 (okeeey), f69r Labeled Interior Bar #15 (cseo), f86v3 Jet Figure #4 (aceeody, otam, qokedy, qokeey, yceey), Rosette #8 (okcedarar), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Exterior Label #6 (olal), Rosette #8 Outer Ring (okedy, okeedy, oteedy) | 0.16241 |
| 120 | f104r #2 | 6 | [dlrsmg]ai4m (dam), [yo]c + e4o Superclass (yceeeody), cedai4[lrsm \| n] (ceedal), o[fptk]ai4n (qokaiin), o[fptk]c + e0-4dy (otcedy, otceedy), o[fptk]e4dy (qokeedy), o-axis of [yo][fptk][ao][lr] (qokol), oe0-4s (cseeos), okal variants (qokal), okar variants (qokar, okar), okor variants (okor), opce0-4dy (opcedy), otai0-4n (qotaiin), otar variants (otar), yodai0-4n (qodain, odaiin), yodai0-4r (odar) | f67v2 Diagram Center #4 (okoral), f67v2 Diagram Exterior 3 (dam), f85r2 Quadrant 3 (qodain), f86v3 Jet Figure #3 (otceedy, qokal, qotaiin), Rosette #6 Compartment #1 (opcedy), Rosette #6 Compartment #3 (okar), Rosette #6 Compartment #5 (ofcedar), Rosette #6 Compartment #6 (otcedy), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6 Outer Ring (odaiiin, otar), Rosette #6 Picatrix-Like Attachment (odar, opacseeefcedy), Rosette #6-7 Bridge Interior West (osy) | 0.16237 |
| 121 | f108r #8 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (cear), cedai4[lrsm \| n] (cedal, cedar), o[fptk]ai4n (okaiin), o[fptk]e4dy | f67v2 Diagram Exterior 2 (okeey), f67v2 Protrusion #3 (cear), f68v3 Sides #3 (okal), f86v3 Jet Figure #2 (ceeeor, otaiin, qokeey, | 0.16229 |

| | | | | | |
|---|---|---|---|---|---|
| | | | (okedy, qokedy, qokeedy, qotedy), o[fptk]eda[lrsm \| n] (okedam), o[tk]e0-4y (qokeey, okeey), okal variants (qokal, okal), opce0-4dy (opceedy), otai0-4n (otaiin) | ytaiin), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #7 (qokal), Rosette #4 Compartment #8 (opceedy), Rosette #4 Outer Ring (cecedam, okedaiin) | |
| 122 | f108r #2 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (cear), cedai4[lrsm \| n] (cedar), o[fptk]c + e0-4dy (qokceedy), o[fptk]c + e0-4y (okceey), o[fptk]e4dy (okedy, qokedy, qokeedy, otedy, qotedy), o[tk]e0-4y (oteey, qokeey, okeey) | f68r3 Star Quadrant #7 (otceal, qokeey), f68v2 Star Divider #7 (dceedal), f69r Labeled Interior Bar #12 (okeey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #3 (otcedy), Rosette #7 Left Label #4 (okcey), Rosette #7 Outer Ring (cseor, otedy, qotedy) | 0.16220 |
| 123 | f107v #4 | 3 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, lceeol), [yo]dy endings (ceeody), o[fptk\| dlrsmg][ao]m (otam), o[fptk]c + e0-4dy (okcedy), o[tk]e0-4y (okeey, qokeey), okal variants (qokal, okal), okar variants (qokar), otal variants (otal), otol variants (otol), yodai0-4r (odar) | f67v2 East-Oriented Text (dcseog, oky), f68v1 Exterior Stars #4 (otaly, otol), f68v3 Sides #2 (ceeody), Rosette #3 Diagram Interior #3 (okcedy), Rosette #3 Outer Ring Sentence #1 (okar, okom, qokal), Rosette #3 Outer Ring Sentence #2 (okal, otodar) | 0.16219 |
| 124 | f115v #1 | 5 | cedai4[lrsm \| n] (cedar), ek[yoa] (ceeky), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qotceey), o[fptk]c + e0-4dy (qokcedy, qokceedy, qokcseedy, ytceedy, otceedy, okcedy), o[fptk]e4dy (yteedy, qokeedy, qotedy), o[tk]e0-4y (qoteey, qoty), okar variants (qokar), om + o[fptk \| dlrsmg]am (om), otar variants (otar, qotar) | Rosette #5 Compartment #3 (okcedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (oekaiiin, okair, otar, yky) | 0.16197 |
| 125 | f108r #2 | 1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), cedai4[lrsm \| n] (cedar), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (okceey), o[fptk]c + e0-4dy (qokceedy), o[fptk]e4dy (qokedy, qokeedy, okedy, otedy, qotedy), o[tk]e0-4y (oteey, okeey, qokeey), okar variants (okar), otol variants (otol) | f67v2 North-Oriented Text (dceeeeor), f68v3 Stars #1 (cedail), Rosette #1 Outer Ring (okair, okcedy, okcegy, otedy, otol, yky), Rosette #1 Quadrant #4 (okedy) | 0.16160 |
| 126 | f107v #10 | 2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), o[fptk]ai4n (okaiin, okain, qokaiin, ykaiin), o[fptk]c + e0-4y (otceey), o[fptk]e4dy (okedy), oa (oaiin), ora (orain), otai0-4n (otaiin), rai4n (raiin), yodai0-4n (qodaiin, odain) | f85r2 Quadrant 1 (ceol), f86v3 Jet Figure #1 (qokaiin, qotaiin, raiin, ykaiin, ytain), Rosette #2 Interior Ring (orar), Rosette #2 Outer Ring (oaiin, okodain, oteoteedy), Rosette #2 Protrusion Bottom-Left (opcey) | 0.16089 |
| 127 | f108v #2 | 9 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (dady), cedai4[lrsm \| n] (ceedal), o[fptk]c + e0-4dy (otceedy), o[fptk]e4dy (oteedy, qokedy, qokeedy, okedy, okeedy), o[fptk]eda[lrsm \| n] (otedal), okal variants (qokal, okal), okar variants (okar, okair, qokar), ol[tk] (ceolkain), om (om) | Rosette #9 Canister #3 (otedaiiin), Rosette #9 Canister #4 (ary), Rosette #9 Canister #5 (opcedaiiin), Rosette #9 Center #7 (oteedy), Rosette #9 Outer Ring Sentence #1 (okal, oteeedy), Rosette #9 Outer Ring Sentence #2 (okar, okcedy, olkalor, om) | 0.16081 |
| 128 | f114r #13 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo][fp]ai0-4[rn] (opaiin), [yo]dy endings (ceeody), cedai4[lrsm \| n] (cedar, ceedal), do (dor), o[fptk]ai4n (okain), o[fptk]c + e0-4dy (qotcedy), o[fptk]c + e0-4y (qotceey), o[fptk]e4dy (okeedy), or[yoa] (oral), otai0-4n (otaiin, otain, qotaiin), otal variants (ceotal), otar variants (qotar), yodai0-4n (odaiin, qodaiin) | f85r2 Quadrant 2 (qotaiin, qotcedy), f86v3 Jet Figure #2 (ceeeor, otaiin, qodaiin, qotceey, ytaiin), Rosette #4 Compartment #1 (okeedy), Rosette #4 Compartment #3 (dor), Rosette #4 Compartment #4 (opceody), Rosette #4 Compartment #6 (oparod), Rosette #4 Outer Ring (cecedam, ceedal, odaiin, oror, otalol, otar) | 0.16078 |
| 129 | f107v #6 | 3 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (taiin), [yo][fp]a (opal), [yo]dy endings (ceeody), cedai4[lrsm \| n] (cedar, kc-initial (kceedy), o[lr]a (olaiin), okal variants (okal), okol variants (qokol), otal variants (otal), otar variants (otar) | f67v2 East-Oriented Text (dcseog), f68r3 Star Quadrant #2 (kcey), f68r3 Star Quadrant #3 (qokol), f68v1 Exterior Stars #4 (otaly), f68v3 Sides #2 (ceeody), Rosette #3 Diagram Interior #1 (ofairy), Rosette #3 Diagram Interior #3 (oraiiin), Rosette #3 Outer Ring Sentence #1 (cedar, kar, otar), Rosette #3 Outer Ring Sentence #2 (okal) | 0.16061 |
| 130 | f103r #18 | 4 | o[fptk]ai4n (qokaiin), o[fptk]e4dy (qokedy), o[tk]e0-4y (qokeey, qoty, oteey), otal variants (otal) | f86v3 Jet Figure #2 (oteey, qokaiin, qokeey, qoty), Rosette #4 Compartment #2 (qokedy), Rosette #4 Outer Ring (otal) | 0.16060 |
| 131 | f112r #9 | 5 | [yo]dy endings (okeody), o[fptk]e4dy (oteedy, okedy, okeedy), o[tk]e0-4y (okeey, qoky), okal variants (okal) | f68v3 Sides #3 (okeey), Rosette #5 Compartment #5 (okedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Outer Ring (keeody, okal, yky) | 0.16048 |
| 132 | f116r #5 | 4 | o[fptk]e4dy (okeedy, oteedy), o[fptk]eda[lrsm \| n] (otedal), o[tk]e0-4y (qokeey, qoky, okeey), opam variants (opam), otal variants (otal), otar variants (otar) | f67v2 Diagram Exterior 2 (okeey), f86v3 Jet Figure #2 (qokeey, qoky), Rosette #4 Compartment #1 (okeedy), Rosette #4 Compartment #4 (opam, oteedy), Rosette #4 Outer Ring (okedaiin, otal, otar) | 0.15967 |
| 133 | f108v #2 | 1 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (dady), cedai4[lrsm \| n] (ceedal), o[fptk]c + e0-4dy (otceedy), o[fptk]e4dy (oteedy, qokedy, qokeedy, okedy, okeedy), o[tk]e0-4y (okeey, qokeey, otey, oty), okal variants (qokal, okal), okar variants (okar, okair, qokar), ol[tk] (ceolkain) | f68v2 Star Divider #1 (otey), f68v3 Stars #1 (cedail), Rosette #1 Outer Ring (okair, okal, okcedy, olkcedy, ykal, yky), Rosette #1 Quadrant #2 (daiiny), Rosette #1 Quadrant #4 (okedy) | 0.15966 |
| 134 | f116r #3 | 2 | l[drs] Prefixes (ldy), o[fptk]ai4n (qokain), o[fptk]e4dy (qokeedy, yteedy, otedy), o[tk]e0-4y (otey, qokeey, qoteey, okeey), qo variants (qo) | f68r3 Star Quadrant #3 (qoteey), f68v3 Sides #2 (qo), f86v3 Jet Figure #1 (ls, otey, qokeedy, ytain), Rosette #2 Interior Ring (yky), Rosette #2 Outer Ring (oteoteedy), Rosette #2 Protrusion Exterior (otedy) | 0.15914 |
| 135 | f106v #8 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseor), ce4a (csear), cedai4[lrsm \| n] (cedaiin, cedal), dl Consonant clusters (odl), o[fptk]ai4n (qokaiin, qokain), o[fptk]c + e0-4dy (qokcedy), o[fptk]c + e0-4y (qokcey, okcsey), o[fptk]e4dy (okeedy), okal variants (okal), okar variants (qokar), okol variants (qokol), or[yoa] (oraiin), otai0-4n (qotaiin) | f57v Hand-Raiser 2 (dly), f68v3 Sides #3 (okal), f85r2 Quadrant 2 (qokar), f86v3 Jet Figure #2 (ceeeor, cseor, qokaiin, qotaiin, ytaiin), Rosette #4 Compartment #1 (okeedy, okol, qokcey), Rosette #4 Compartment #7 (opcedy), Rosette #4 Outer Ring (cecedam, oror, otecseey), Rosette #4-5 Bridge #2 (cseeal) | 0.15892 |
| 136 | f104r #10 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedaiin), o[fptk]ai4n (otaiin, qokaiin), okal variants (qokal) | f67v2 Diagram Exterior 4 (ceol), f68r3 Star Quadrant #8 Wand/Branch (ceeol), f85r2 Quadrant 4 (qokal), f86v3 Jet Figure #4 (aceeody, ceedaiin, qokaiin), Rosette #8 Exterior Label #1 (ofain) | 0.15875 |
| 137 | f112v #13 | 1 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (kar), [yo][fp]a (opal), cedai4[lrsm \| n] (cedal), ek[yoa] (ceeky), o[fptk]ai4n (okaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (opcey, otceey), o[fptk]c + e0-4dy (qokcedy), o[fptk]e4dy (qokedy, ykeedy), o[tk]e0-4y (ykeey, oty), okal variants (okal), ol[tk] (olkaiin), otol variants (otol) | f67v2 North-Oriented Text (dceeeeor), f68r3 Star Quadrant #8 (qokcedy), f68v3 Stars #1 (cedail, sceekol), f69r Labeled Interior Bar #18 (ykeey), Rosette #1 Outer Ring (ary, kaiir, okain, okal, okcegy, olkaiin, otol, yky), Rosette #1 Quadrant #4 (okedy), Rosette #1 Quadrant #5 (ofary) | 0.15861 |
| 138 | f106v #8 | 2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseor), cedai4[lrsm \| n] (cedaiin, cedal), o[fptk]ai4n (qokaiin, qokain), o[fptk]c + e0-4dy (qokcedy), o[fptk]c + e0-4y (qokcey, okcsey), o[fptk]e4dy (okeedy), okal variants (okal), okar variants (qokar), okol variants (qokol), orai0-4n (oraiin), otai0-4n (qotaiin) | f68r3 Star Quadrant #1 (okald), f68r3 Star Quadrant #8 (qokcedy), f69r Labeled Interior Bar #20 (qokol), f85r2 Quadrant 1 (ceol, oraiin), f86v3 Jet Figure #1 (qokaiin, qotaiin, ytain), Rosette #2 Interior Ring (ykary), Rosette #2 Outer Ring (cedas, okeedy), Rosette #2 Protrusion Bottom-Left (opcey), Rosette #2 Protrusion Exterior (cedaiin) | 0.15860 |
| 139 | f116r #3 | 7 | o[fptk]ai4n (qokain), o[fptk]e4dy (qokeedy, yteedy, otedy), o[tk]e0-4y (otey, okeey, qokeey, qoteey) | f68r3 Star Quadrant #7 (qokeey), f69r Labeled Interior Bar #12 (okeey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (otedy, qotedy) | 0.15850 |
| 140 | f103v #6 | 4 | ce4a (cealkar, cear), ceckey relatives (ceckey), o[fptk]e4dy (qokeedy, oteedy), o[tk]e0-4y (qoteey), okal variants (qokal), olai0-4n (olaiin), opce0-4dy (opceedy), oro (orol), otal variants (otal) | f67v2 Protrusion #3 (cear), f86v3 Jet Figure #2 (qoteey), Rosette #4 Compartment #4 (olaiiin, oteedy), Rosette #4 Compartment #7 (qokal), Rosette #4 Compartment #8 (opceedy), Rosette #4 Outer Ring (ceckey, oror, otal), Rosette #4-5 Bridge #2 (cseeal) | 0.15828 |
| 141 | f104r #6 | 3 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (kary), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo][fp]ai0-4[rn] (opair), [yo]dy endings (ceeody), ce4a (ceear), cedai4[lrsm \| n] (cedar), o[fptk]c + e0-4dy (qokcedy), o-axis of [yo][fptk][ao][lr] (otor), oc[fptk]e4y (qocteey), otar variants (otar, qotar) | f67v2 East-Oriented Text (dcseog), f68r3 Star Quadrant #2 (ockey), f68v3 Sides #2 (ceeody), Rosette #3 Diagram Interior #1 (ofairy), Rosette #3 Diagram Interior #3 (kary), Rosette #3 Outer Ring Sentence #1 (cedar, cseal, otar, qotcedy), Rosette #3 Outer Ring Sentence #2 (ykol) | 0.15825 |
| 142 | f114v #4 | 4 | [tk]c-Initial (tceedy), [yo]c + e4dy (oceedy), cedai4[lrsm \| n] (ceedal), o[fptk\| dlrsmg][ao]m (otam), o[fptk]c + e0-4dy (otceedy), o[fptk]e4dy (qotedy), oa (ceoaiin), oi (soiiin), otai0-4n (qotaiin), otar variants (ytar), otol variants (otol) | f85r2 Quadrant 2 (otceedy, qotaiin, tceedy), f86v3 Jet Figure #2 (oceedy), Rosette #4 Compartment #3 (soa), Rosette #4 Compartment #4 (opam, oteedy), Rosette #4 Compartment #5 (otol), Rosette #4 Outer Ring (ceedal, oiiin, otar) | 0.15783 |
| 143 | f104r #11 | 2 | [yo]dy endings (oteody), [yo]pa (opam), o[fptk]ai4n (qokaiin, okaiin), o[fptk]c + e0-4dy (qotcedy), okal variants (okal), okar variants (okar), orai0-4n (oraiin), otar variants (qotar) | f67v2 Multi-Face Diagram #1 (otararain), f68r3 Star Quadrant #1 (okald), f85r2 Quadrant 1 (oraiin), f86v3 Jet Figure #1 (qokaiin, ytain), Rosette #2 Bottom Exterior Label (oedody, okar), Rosette #2 Outer Ring (okcedy, opair) | 0.15770 |
| 144 | f108v #8 | 3 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [fptk]ai4[dlrsmg \| n] (kar), [yo]dy endings (okeody), ce4a (cseeal, ceear), cedai4[lrsm \| n] (ceedaiin, ceedar), o[fptk\| dlrsmg][ao]m (otam), o[lr][yoa] (olor), o[tk]e0-4y (okey, okeey, ceoteey, oteey, qokeey, ykeey), oce4y + infixed versions (oceey), okal variants (qokal), olcey relative (olceey), otal variants (otal) | f67v2 East-Oriented Text (dcseog, oky), f68r3 Star Quadrant #2 (ockey), f68v1 Exterior Stars #4 (otaly), Rosette #3 Diagram Interior #3 (oraiiin), Rosette #3 Outer Ring Sentence #1 (cedar, cseal, kar, okom, otody, qokal), Rosette #3 Outer Ring Sentence #2 (olceedy) | 0.15744 |
| 145 | f116r #3 | 8 | l[drs] Prefixes (ldy), o[fptk]ai4n (qokain), o[fptk]e4dy (qokeedy, otedy, yteedy), o[tk]e0-4y (otey, okeey, qokeey, qoteey) | f67v2 Protrusion #1 (okeeey), f68v2 Star Divider #1 (otey), f86v3 Jet Figure #4 (qokain, qokeey, yteedy), Rosette #8 Outer Ring (lsaiin, oteedy) | 0.15742 |
| 146 | f103v #1 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor), ceckey relatives (ceckey), o[fptk]ai4n (qokain), o[fptk]e4dy (ykeedy, qokeedy, okeedy), o[tk]e0-4y (okeey, qokeey, qoky, qoty), okal variants (qokal), olf (olfceey) | f67v2 Diagram Exterior 2 (okeey), f86v3 Jet Figure #2 (ceeeor, olfceey, qokeey, qoky, qoty, ytaiin), Rosette #4 Compartment #1 (okeedy), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #7 (qokal), Rosette #4 Outer Ring (ceckey) | 0.15733 |
| 147 | f106v #15 | 1 | [yo][fptk]e4o (okeeo), cedai4[lrsm \| n] (ceedar), o[fptk]ai4n (okain, otaiin, qokaiin), o[fptk]e4dy (qokeedy, otedy, oteedy), o[tk]e0-4y (oteey, okeey, oky, oty, okeeey, ceeyky), okal variants (okal), otol variants (otol) | f68v3 Stars #1 (cedail), f69r Labeled Interior Bar #18 (oky), Rosette #1 Outer Ring (okain, okal, okeo, otedy, otol, yky), Rosette #1 Quadrant #4 (okedy) | 0.15723 |
| 148 | f112r #10 | 9 | o[fptk]ai4n (okaiiin), o[fptk]c + e0-4dy (okceedy), o[fptk]c + e0-4y (okceey, okcey, qokcey), o[fptk]e4dy (otedy), o[lr]y (ory), okal variants (qokal, okal), okar variants (okar), opal variants (opal) | Rosette #9 Center #17 (otedy), Rosette #9 Center #9 (ypal), Rosette #9 Outer Ring Sentence #1 (okal, otcsee), Rosette #9 Outer Ring Sentence #2 (okaiiin, okar, okcedy, oly) | 0.15714 |
| 149 | f113v #12 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (ceeody), c-sequence + e4 + [fptk] + e4 + y (ceekey), o[fptk]ai4n (otaiin, otain, okain, qokain), o[fptk]e4dy (okeedy), o[tk]e0-4y (okeey, oteey), oi (oiiin), ora (oraiin), otar variants (otar) | f69r Labeled Interior Bar #11 (ceeody), f69r Labeled Interior Bar #12 (okeey), Rosette #6-7 Bridge #1 (depceeky), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Outer Ring (cseor, oiin, orar, otar, qotedy) | 0.15687 |
| 150 | f104r #13 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), l[drs] Prefixes (lsaiin), o[fptk]ai4n (qokaiin, qokain, otaiin, otain), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qokceedy), o[fptk]e4dy (qokeedy), o[tk]e0-4y (qokeey, oteey), ol[tk] (olkair) | f68r3 Star Quadrant #8 Wand/Branch (ceeol), f68v2 Stars #8 (ypcey), f86v3 Jet Figure #4 (oteey, qokaiin, qokain, qokeey), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (lsaiin, olkeeodaiin, oteedy) | 0.15668 |

Table 31.13: Top 20 Section 5 Paragraphs for Each Rosette Line

| # | Folio | Section 5 Word Categories | Associated Rosette Line Figures | Score |
|---|---|---|---|---|
| | | **Rosette #1** | | |
| 1 | f108v #8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [fptk]ai4[dlrsmg \| n] (kar), [tk]e4dy (tedy), [yo][fptk]e4od + y (okeody), cedai4[lrsm \| n] (ceedaiin, ceedar), l-prefix + [fptk\| dlrsmg] + ai4[dlrsmg \| n] (lar), o[fptk]ai4n (okain, qokain, otaiin, qotaiin), o[fptk]e4dy (otedy, oteedy, okeedy, qokedy, qokeedy, qotedy), o[tk]e0-4y (qokeey, okeey, ceoteey, oteey, okey, ykeey), oce4y + infixed versions (oceey), okal variants (qokal), ol[yoa] (olor) | f67v2 North-Oriented Text (dceeeor), f68r3 Star Quadrant #1 (ceocpey), f68v2 Star Divider #8 (ceoteey), f68v3 Stars #1 (cedail, okeody), f69r Labeled Interior Bar #18 (ykeey), Rosette #1 Outer Ring (cseeekedy, kaiir, lar, okain, oly, otedy, ykal, yky), Rosette #1 Quadrant #4 (okedy) | 0.22483 |
| 2 | f116r #6 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [yo]dy endings (arody), do (dol), ek[yoa] (cseeky), o[fptk]ai4n (okain, otain, qokaiin, qokain), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (ytceey), o[fptk]e4dy (qokedy, qokeedy, otedy, oteedy, oteeedy, okeedy), o[lr]a (olar), o[tk]e0-4y (oteey, otey, oty, qokeey, qoky, qoty, okey), okal variants (okal, okalain, okaly, qokal), okar variants (okar), ora (orain), ory (ory) | f67v2 North-Oriented Text (dceeeor), f68r3 Star Quadrant #1 (dol), f68v2 Star Divider #1 (otey), f68v3 Stars #1 (sceekol), Rosette #1 Outer Ring (ary, ody, okain, okair, okal, okcegy, oral, otedy, ykal, yky), Rosette #1 Quadrant #10 (okory), Rosette #1 Quadrant #4 (okedy) | 0.21890 |
| 3 | f111r #2 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (dary), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceeol), [yo][fptk]e4o (okeeo), [yo][fptk]e4od + y (oteody), [yo]dy endings (ceody, qokeody), c \| cs + e0-4[dlrsmg] (cseed), cedai4[lrsm \| n] (ceedar), ek[yoa] (ceeky, cseekal), o[fptk]ai4n (okain, qokain), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qotceey), o[fptk]c + e0-4dy (qotcedy, qotceedy), o[fptk]e4dy (qokedy, qokeedy, okeedy, otedy, oteedy), o[lr]a (olaiiin), o[tk]e0-4y (okeey, okey, oteey, otey, oty, qokeey, qoky, qoteey, ykeey), oc[fptk]e4y (ockey), oce4y + infixed versions (oceey), oe0-4s (ceeos), okar variants (okar), ora (oraiin, orain) | f67v2 North-Oriented Text (dceeeor), f68r3 Star Quadrant #1 (ceocpey), f68v2 Star Divider #1 (otey), f68v2 Star Divider #8 (dary), f68v3 Sides #1 (ceody), f68v3 Stars #1 (cedail, sceekol), f69r Labeled Interior Bar #16 (oteody), f69r Labeled Interior Bar #18 (ykeey), Rosette #1 Outer Ring (ceedces, ody, okain, okair, okcedy, okcegy, okeo, oral, os, otedy, yky), Rosette #1 Quadrant #4 (okedy) | 0.21571 |
| 4 | f111v #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [tk]e4dy (tedy), [yo][fptk]e4o (okeeo), c \| cs + e0-4[dlrsmg] (cseed), cedai4[lrsm \| n] (ceedar), g (g), l[drs] Prefixes (ldy, ls), l-prefix + [fptk\| dlrsmg] + ai4[dlrsmg \| n] (llam), o[fptk]ai4n (okaiin, okain, otain, qotaiin, qokaiin, qokain), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (otceey), o[fptk]e4dy (otedy, oteedy, okedy, qokedy, qokeedy, qotedy), o[tk]e0-4y (qokeey, okeeey, okeey), okal variants (qokal), okar variants (okar) | f67v2 North-Oriented Text (dceeeor), f68v3 Stars #1 (cedail), Rosette #1 Outer Ring (ceedces, cseeekedy, lar, ldy, okain, okair, okcegy, okeo, otedy, ykal, yky), Rosette #1 Quadrant #4 (okedy) | 0.20302 |
| 5 | f108r #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), o[fptk]ai4n (okain), o[fptk]e4dy (qokedy, qokeedy, qotedy, okedy, otedy), okal variants (qokal), okar variants (okar) | f67v2 North-Oriented Text (dceeeor), Rosette #1 Outer Ring (okain, okair, otedy, ykal), Rosette #1 Quadrant #4 (okedy) | 0.19843 |
| 6 | f107v #4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, lceeol), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin, okain, otain, qokaiin, qokain, qotaiin), o[fptk]c + e0-4dy (okcedy), o[tk]e0-4y (okeey, qokeey), okal variants (qokal, okal), okar variants (qokar), otol variants (otol), yodai0-4r (odar) | f67v2 North-Oriented Text (dceeeor), f69r Labeled Interior Bar #16 (okeodar), Rosette #1 Outer Ring (ody, okain, okair, okal, okcedy, otol, ykal, yky) | 0.18980 |
| 7 | f103v #11 | [yo]dy endings (ceeody), c \| cs + e0-4[dlrsmg] (cseed), o[fptk]ai4n (okaiin, qokaiin, qokain), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qokcseey, opceey), o[fptk]e4dy (otedy, okedy), o[tk]e0-4y (okeey, okey, qokeey, ykeey, otey, oty), oly (oly) | f68v2 Star Divider #1 (otey), f69r Labeled Interior Bar #18 (ykeey), Rosette #1 Outer Ring (csed, ody, okain, okcegy, oly, otedy, yky), Rosette #1 Quadrant #4 (okedy) | 0.18748 |
| 8 | f106r #15 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [fptk]ai4[dlrsmg \| n] (taiin), cedai4[lrsm \| n] (cedal), l-prefix + [fptk\| dlrsmg] + ai4[dlrsmg \| n] (lar), o[fptk]ai4n (okain, otaiin, qokaiin, qokain), o[fptk]e4dy (qokeedy, otedy), o[tk]e0-4y (oty, qoteey, qoty, oky), okal variants (okal), ol[tk] (olkair) | f67v2 North-Oriented Text (dceeeor), f68v3 Stars #1 (cedail), f69r Labeled Interior Bar #18 (oky), Rosette #1 Outer Ring (kaiir, lar, okain, okal, olkcedy, otedy, yky), Rosette #1 Quadrant #4 (okedy) | 0.17987 |
| 9 | f106v #8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseor), c \| cs + e0-4[dlrsmg] (csed), cedai4[lrsm \| n] (cedaiin, cedal), o[fptk]ai4n (qokaiin, qokain, qotaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qokcey, okcsey), o[fptk]c + e0-4dy (qokcedy), o[fptk]e4dy (okeedy), okal variants (okal), okar variants (qokar), okol variants (qokol), ora (oraiin) | f67v2 North-Oriented Text (dceeeor), f68r3 Star Quadrant #8 (qokcedy, qokal), f68v3 Stars #1 (cedail), Rosette #1 Outer Ring (csed, okain, okair, okal, okcegy, oral), Rosette #1 Quadrant #4 (okedy) | 0.17704 |
| 10 | f112r #9 | [yo][fptk]e4od + y (okeody), o[fptk]ai4n (qokaiin, okaiin), o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (qoky, okeey), okal variants (okal) | f68v3 Stars #1 (okeody), Rosette #1 Outer Ring (okain, okal, yky), Rosette #1 Quadrant #4 (okedy) | 0.17178 |
| 11 | f107v #5 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fp]ai0-4[rn] (opaiin), [yo]dy endings (qokeody), l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] (llam), o[fptk]ai4n (okaiin, otaiin, qokain), o[fptk]e4dy (otedy), o[lr]a (olaiin), okal variants (okal), okar variants (qokar) | f67v2 North-Oriented Text (dceeeor), Rosette #1 Outer Ring (lar, ody, okain, okair, okal, oral, otedy), Rosette #1 Quadrant #5 (ofary) | 0.16826 |
| 12 | f112r #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (taiin), [yo]dy endings (ody), cedai4[lrsm \| n] (ceedal, ceedar), do (dody), o[fptk][ao]d (otody), o[fptk]ai4n (otaiin, otain), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qokcey), o[fptk]c + e0-4dy (qotceedy), o[fptk]e4dy (qokeedy, oteedy), o[lr]a (olaiin), o[tk]e0-4y (oteey, okeeey, okeey, qokeey, oty), okod variants (okody), x (xar) | f67v2 North-Oriented Text (dceeeor), f68v3 Stars #1 (cedail), Rosette #1 Outer Ring (kaiir, ody, okain, okcedy, okcegy, okod, oral, yky), Rosette #1 Quadrant #3 (docfcey), Rosette #1 Quadrant #4 (okedy), Rosette #1 Quadrant #9 (dxar) | 0.16760 |
| 13 | f116r #3 | l[drs] Prefixes (ldy), o[fptk]ai4n (qokain), o[fptk]e4dy (qokeedy, yteedy, otedy), o[tk]e0-4y (otey, okeey, qokeey, qoteey) | f68v2 Star Divider #1 (otey), Rosette #1 Outer Ring (ldy, okain, otedy, yky), Rosette #1 Quadrant #4 (okedy) | 0.16464 |
| 14 | f108r #14 | cedai4[lrsm \| n] (cedar), o[fptk]ai4n (qokaiin), o[fptk]e4dy (qokedy, qokeedy, okedy, otedy, oteedy, yteedy), o[tk]e0-4y (okeey, qokeey) | f68v3 Stars #1 (cedail), Rosette #1 Outer Ring (okain, otedy, yky), Rosette #1 Quadrant #4 (okedy) | 0.16443 |
| 15 | f108r #13 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]ce4y + infixed versions (yceey), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]ai4n (otain), o[fptk]e4dy (otedy, oteedy, qokedy, qokeedy, okedy, okeedy, qotedy), o[lr]a (olal), o[tk]e0-4y (okeey, okey, qokeey), okar variants (okar, qokar) | f67v2 North-Oriented Text (dceeeor), f68r3 Star Quadrant #1 (ceocpey), f68v3 Stars #1 (cedail), Rosette #1 Outer Ring (ody, okain, okair, oral, otedy, yky), Rosette #1 Quadrant #4 (okedy) | 0.16358 |
| 16 | f108r #2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), cedai4[lrsm \| n] (cedar), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (okceey), o[fptk]c + e0-4dy (qokceedy), o[fptk]e4dy (qokedy, qokeedy, otedy, qotedy, okedy), o[tk]e0-4y (okeey, oteey, qokeey), okar variants (okar), otol variants (otol) | f67v2 North-Oriented Text (dceeeor), f68v3 Stars #1 (cedail), Rosette #1 Outer Ring (okair, okcedy, okcegy, otedy, otol, yky), Rosette #1 Quadrant #4 (okedy) | 0.16160 |
| 17 | f108v #2 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (dady), cedai4[lrsm \| n] (ceedal), o[fptk]c + e0-4dy (otceedy), o[fptk]e4dy (oteedy, okedy, okeedy, qokedy, qokeedy), o[tk]e0-4y (qokeey, okeey, otey, oty), okal variants (qokal, okal), okar variants (okar, qokar, okair), ol[tk] (ceolkain) | f68v2 Star Divider #1 (otey), f68v3 Stars #1 (cedail), Rosette #1 Outer Ring (okair, okal, okcedy, olkcedy, ykal, yky), Rosette #1 Quadrant #2 (daiiny), Rosette #1 Quadrant #4 (okedy) | 0.15966 |
| 18 | f112v #13 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (kar), [yo][fp]a (opal), cedai4[lrsm \| n] (cedal), ek[yoa] (ceeky), o[fptk]ai4n (okaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (opcey, otceey), o[fptk]c + e0-4dy (qokcedy), o[fptk]e4dy (qokedy, ykeedy), o[tk]e0-4y (ykeey, oty), okal variants (okal), ol[tk] (olkaiin), otol variants (otol) | f67v2 North-Oriented Text (dceeeor), f68r3 Star Quadrant #1 (qokcedy), f68v3 Stars #1 (cedail, sceekol), f69r Labeled Interior Bar #18 (ykeey), Rosette #1 Outer Ring (ary, kaiir, okain, okal, okcegy, olkaiin, otol, yky), Rosette #1 Quadrant #4 (okedy), Rosette #1 Quadrant #5 (ofary) | 0.15861 |
| 19 | f106v #15 | [yo][fptk]e4o (okeeo), cedai4[lrsm \| n] (ceedar), o[fptk]ai4n (okain, otaiin, qokaiin), o[fptk]e4dy (qokeedy, otedy, oteedy), o[tk]e0-4y (oteey, okeeey, ceeyky, okeey, oky, oty), okal variants (okal), otol variants (otol) | f68v3 Stars #1 (cedail), f69r Labeled Interior Bar #18 (oky), Rosette #1 Outer Ring (okain, okal, okeo, otedy, otol, yky), Rosette #1 Quadrant #4 (okedy) | 0.15723 |
| 20 | f103r #8 | cedai4[lrsm \| n] (ceedal), o[fptk]ai4n (okain, qokain), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qotcey), o[fptk]c + e0-4dy (opceedy), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, otey, oty, okeeey, okeey, oky), okal variants (qokal) | f68v2 Star Divider #1 (otey), f68v3 Stars #1 (cedail), f69r Labeled Interior Bar #18 (oky), Rosette #1 Outer Ring (okain, okcedy, okcegy, ykal, yky), Rosette #1 Quadrant #4 (okedy) | 0.15578 |
| | | **Rosette #2** | | |
| 1 | f108v #8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [fptk]ai4[dlrsmg \| n] (kar), [yo][fptk]e4od + y (okeody), [yo]ce4y + infixed versions (oceey), a[dlrsmg]am (dalam), cedai4[lrsm \| n] (ceedaiin, ceedar), dcedy relatives (dcseedy), o[fptk]ai4n (qokain, okain), o[fptk]e4dy (okeedy, qotedy, qokedy, qokeedy, otedy, oteedy), o[tk]e0-4y (oteey, okey, qokeey, ykeey, okeey, ceoteey), okal variants (qokal), ol[yoa] (olor), om + o[fptk\| dlrsmg]am (otam), otai0-4n (otaiin, qotaiin), sai4n (sain), yodai0-4n (cseodain) | f67v2 Diagram Center #2 (dalam), f67v2 Diagram Exterior 1 (om), f68r3 Star Quadrant #1 (okald), f68v3 Stars #1 (okeody), f85r2 Quadrant 1 (ceol, sain), f86v3 Jet Figure #1 (qokeedy, qotaiin, ycseeey, ytain), Rosette #2 Interior Ring (yky), Rosette #2 Outer Ring (cedas, dcedy, okeedy, okodain, olar, oteoteedy, taiin), Rosette #2 Protrusion Exterior (ceedar, otedy) | 0.19303 |
| 2 | f112r #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (taiin), [fptk]e0-4y (keey), [yo]dy endings (ody), cedai4[lrsm \| n] (ceedal, ceedar), dody (dody), o[fptk]c + e0-4dy (qotceedy), o[fptk]c + e0-4y (qokcey), o[fptk]e4dy (qokeedy, oteedy), o[fptk]ody (otody), o[tk]e0-4y (oty, qokeey, oteey, okeeey, okeey), oa (oar), okod variants (okody), ola (olaiin), otai0-4n (otaiin, otain), otar variants (otair, otar), yodai0-4n (qodain) | f68v3 Inner Ring (keeey, otair), f69r Labeled Interior Bar #21 (otar), f85r2 Quadrant 1 (ceol), f86v3 Jet Figure #1 (otain, qokeedy, qotaiin), Rosette #1-2 Bridge #2 (ody), Rosette #2 Bottom Exterior Label (oedody), Rosette #2 Interior Ring (o*oar, yky), Rosette #2 Outer Ring (cedas, okcedy, okodain, olar, oteoteedy, taiin, ykody), Rosette #2 Protrusion Bottom-Left (opcey), Rosette #2 Protrusion Exterior (ceedar, oty), Rosette #2 Top Exterior Label (okody) | 0.18904 |
| 3 | f111r #2 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (dary), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceeol), [yo][fptk]e4o (okeeo), [yo]ce4y + infixed versions (oceey, ockey), [yo]dy endings (ceody, oteody, qokeody), c \| c[fptk] + e4o (ceo), cedai4[lrsm \| n] (ceedar), eka (cseekal), eky (ceeky), o[fptk]ai4n (okain, qokain), o[fptk]c + e0-4dy (qotcedy, qotceedy), o[fptk]c + e0-4y (qotceey), o[fptk]e4dy (qokedy, qokeedy, otedy, oteedy, okeedy), o[tk]e0-4y (okeey, okey, oteey, qokeey, qoteey, qoky, otey, oty, ykeey), o[tk]e4s (otes), oa (soaiin, oaiin), oe0-4s (ceeos), oi (oir), okar variants (okar), ola (olaiiin), om (om), om + o[fptk\| dlrsmg]am (otam), ora (orain), orai0-4n (oraiin), otar variants (otar), rai4n (raiin), sai4n (sain), yodai0-4n (odaiin) | f67v2 Diagram Exterior 1 (oir, om), f68r3 Star Quadrant #3 (ceo, qoteey), f69r Labeled Interior Bar #21 (otar), f85r2 Quadrant 1 (ceol, oraiin, sain), f86v3 Jet Figure #1 (otey, qokeedy, raiin, ycseeey, ytain), Rosette #2 Bottom Exterior Label (oedody, okar), Rosette #2 Castle #3 Lighthouse-Like (daly), Rosette #2 Interior Ring (o*oar, oekairy, orar, yky), Rosette #2 Outer Ring (ceeky, oaiin, okcedy, okeedy, okees, okeo, okodain, olar, oteoteedy), Rosette #2 Protrusion Bottom-Left (opcey), Rosette #2 Protrusion Exterior (ceedar, otedy, oty), Rosette #2 Protrusion Top (osal) | 0.18432 |
| 4 | f107v #4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, lceeol), [yo]dy endings (ceeody), a[dlrsmg]am (dalam), cectey relatives (cectey), | f67v2 Diagram Center #2 (dalam), f67v2 Diagram Exterior 1 (om), f68r3 Star Quadrant #1 (okald), f85r2 Quadrant 1 (ceol), f86v3 Jet Figure | 0.18168 |

| | | | | |
|---|---|---|---|---|
| | | o[fptk]ai4n (okaiin, okain, qokaiin, qokain), o[fptk]c + e0-4dy (okcedy), o[tk]e0-4y (okeey, qokeey), o-axis of [yo][fptk][ao][lr] (otol), okal variants (okal, qokal), okar variants (qokar), om + o[fptk \| dlrsmg]am (otam), otai0-4n (qotaiin, otain), yodai0-4r (odar) | #1 (cectey, ceeody, otain, qokaiin, qotaiin, ytain), Rosette #2 Interior Ring (odar, ykary, yky), Rosette #2 Outer Ring (okcedy), Rosette #2 Protrusion Bottom-Right (okor) | |
| 5 | f116r #6 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [fptk]e0-4y (keey), [yo]dy endings (arody), cectey relatives (cectey), do (dol), eky (cseeky), o[fptk]ai4n (okain, qokaiin, qokain), o[fptk]c + e0-4y (ytceey), o[fptk]e4dy (qokedy, qokeedy, okeedy, otedy, oteedy, oteeedy), o[tk]e0-4y (oteey, otey, oty, okey, qokeey, qoky, qoty), oi (oiin), okal variants (okal, okalain, okaly, qokal), okar variants (okar), ola (olar), om + o[fptk\| dlrsmg]am (qotam), or[yoa] (ory), ora (orain), otai0-4n (otain), otar variants (otar, qotar) | f67v2 Diagram Exterior 1 (oir, om), f67v2 Multi-Face Diagram #1 (otararain), f68r3 Star Quadrant #1 (dol, okald), f68v3 Inner Ring (keeey), f69r Labeled Interior Bar #21 (otar), f85r2 Quadrant 1 (ary, ceol), f86v3 Jet Figure #1 (cectey, otain, otey, qokaiin, qokeedy, ytain), Rosette #2 Bottom Exterior Label (oedody, okar), Rosette #2 Interior Ring (orar, yky), Rosette #2 Outer Ring (ceeky, okeedy, olar, oteoteedy), Rosette #2 Protrusion Bottom-Left (opcey), Rosette #2 Protrusion Exterior (otedy, oty) | 0.17975 |
| 6 | f113v #7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]ai4[dlrsmg \| n] (kar), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin, okain, qokaiin, ykaiin), oe0-4s (ceeos), okar variants (qokar, okar), ola (olal), otar variants (otar), rai4n (raiin) | f69r Labeled Interior Bar #21 (otar), f85r2 Quadrant 1 (ceol), f86v3 Jet Figure #1 (ceeody, qokaiin, raiin, ykaiin, ytain), Rosette #2 Bottom Exterior Label (okar), Rosette #2 Interior Ring (ykary), Rosette #2 Outer Ring (olar, taiin), Rosette #2 Protrusion Top (osal) | 0.17816 |
| 7 | f112r #2 | [tk]c-Initial (tceedy), cectey relatives (cectey), o[fptk]c + e0-4dy (otceedy), o[fptk]e4dy (oteedy, okeedy, qokedy), o[tk]e0-4y (qokeey, qoteey, okeey, oteey, otey), otai0-4n (otaiin), qo variants (qo) | f68r3 Star Quadrant #3 (qoteey), f68v3 Sides #2 (qo), f86v3 Jet Figure #1 (cectey, otey, qotaiin, tceedy), Rosette #2 Interior Ring (yky), Rosette #2 Outer Ring (okcedy, okeedy, oteoteedy) | 0.17053 |
| 8 | f112r #8 | a[dlrsmg]am (aram), a[lr]an (araiin), o[fptk]c + e0-4dy (qokcedy), o[fptk]e4dy (qotedy, otedy, okeedy), o[tk]e0-4y (okeey, qoky), okar variants (qokar), ola (olaiin), sai4n (sain) | f68r3 Star Quadrant #1 (qokcedy), f85r2 Quadrant 1 (sain), f86v3 Jet Figure #1 (araiin), Rosette #2 Interior Ring (aram, ykary, yky), Rosette #2 Outer Ring (okeedy, olar, oteoteedy), Rosette #2 Protrusion Exterior (otedy) | 0.16963 |
| 9 | f108r #14 | [fptk]e0-4y (keey), cedai4[lrsm \| n] (cedar), o[fptk]ai4n (qokaiin), o[fptk]e4dy (qokedy, qokeedy, yteedy, okedy, otedy, oteedy), o[tk]e0-4y (okeey, qokeey) | f68v3 Inner Ring (keeey), f86v3 Jet Figure #1 (cedar, qokaiin, qokeedy), Rosette #2 Interior Ring (yky), Rosette #2 Outer Ring (oteoteedy), Rosette #2 Protrusion Exterior (otedy) | 0.16730 |
| 10 | f108r #13 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]ce4y + infixed versions (yceey), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]e4dy (okedy, okeedy, otedy, oteedy, qokedy, qokeedy, qotedy), o[tk]e0-4y (qokeey, okeey, okey), okar variants (qokar, okar), ola (olal), om + o[fptk \| dlrsmg]am (otam), otai0-4n (otain) | f67v2 Diagram Exterior 1 (om), f85r2 Quadrant 1 (ceol, cseeo), f86v3 Jet Figure #1 (ceeody, otain, qokeedy, ycseeey), Rosette #2 Bottom Exterior Label (okar), Rosette #2 Interior Ring (ykary, yky), Rosette #2 Outer Ring (cedas, okeedy, olar, oteoteedy), Rosette #2 Protrusion Exterior (ceedar, otedy) | 0.16423 |
| 11 | f107v #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), o[fptk]ai4n (okaiin, okain, ykaiin, qokaiin), o[fptk]c + e0-4y (otceey), o[fptk]e4dy (okedy), oa (oaiin), ora (orain), otai0-4n (otaiin), rai4n (raiin), yodai0-4n (odain, qodaiin) | f85r2 Quadrant 1 (ceol), f86v3 Jet Figure #1 (qokaiin, qotaiin, raiin, ykaiin, ytain), Rosette #2 Interior Ring (orar), Rosette #2 Outer Ring (oaiin, okodain, oteoteedy), Rosette #2 Protrusion Bottom-Left (opcey) | 0.16089 |
| 12 | f116r #3 | l[drs] Prefixes (ldy), o[fptk]ai4n (qokain), o[fptk]e4dy (qokeedy, yteedy, otedy), o[tk]e0-4y (otey, okeey, qokeey, qoteey), qo variants (qo) | f68r3 Star Quadrant #3 (qoteey), f68v3 Sides #2 (qo), f86v3 Jet Figure #1 (ls, otey, qokeedy, ytain), Rosette #2 Interior Ring (yky), Rosette #2 Outer Ring (oteoteedy), Rosette #2 Protrusion Exterior (otedy) | 0.15914 |
| 13 | f106v #8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseor), cedai4[lrsm \| n] (cedaiin, cedal), o[fptk]ai4n (qokaiin, qokain), o[fptk]c + e0-4dy (qokcedy), o[fptk]c + e0-4y (qokcey, okcsey), o[fptk]e4dy (okeedy), okal variants (okal), okar variants (qokar), okol variants (qokol), orai0-4n (oraiin), otai0-4n (qotaiin) | f68r3 Star Quadrant #1 (okald, qokcedy), f69r Labeled Interior Bar #20 (qokol), f85r2 Quadrant 1 (ceol, oraiin), f86v3 Jet Figure #1 (qokaiin, qotaiin, ytain), Rosette #2 Interior Ring (ykary), Rosette #2 Outer Ring (cedas, okeedy), Rosette #2 Protrusion Bottom-Left (opcey), Rosette #2 Protrusion Exterior (cedaiin) | 0.15860 |
| 14 | f104r #11 | [yo]dy endings (oteody), [yo]pa (opam), o[fptk]ai4n (qokaiin, okaiin), o[fptk]c + e0-4dy (qotcedy), okal variants (okal), okar variants (okar), orai0-4n (oraiin), otar variants (qotar) | f67v2 Multi-Face Diagram #1 (otararain), f68r3 Star Quadrant #1 (okald), f85r2 Quadrant 1 (oraiin), f86v3 Jet Figure #1 (qokaiin, ytain), Rosette #2 Bottom Exterior Label (oedody, okar), Rosette #2 Outer Ring (okcedy, opair) | 0.15770 |
| 15 | f106r #15 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [fptk]ai4[dlrsmg \| n] (taiin), cedai4[lrsm \| n] (cedal), dcedy relatives (dcseedy), o[fptk]ai4n (okain, qokaiin, qokain), o[fptk]e4dy (qokeedy, otedy), o[tk]e0-4y (oty, qoteey, qoty, oky), okal variants (okal), ol[tk] (olkair), otai0-4n (otaiin), otar variants (otair, otar), yodai0-4n (cseodaiin) | f68r3 Star Quadrant #1 (okald), f68r3 Star Quadrant #3 (qoteey), f68v3 Diagram Center #3 (olekeey), f68v3 Inner Ring (otair), f69r Labeled Interior Bar #21 (otar), f85r2 Quadrant 1 (ceol, cseodaiin), f86v3 Jet Figure #1 (qokaiin, qokeedy, qotaiin, ytain), Rosette #2 Interior Ring (yky), Rosette #2 Outer Ring (cedas, dcedy, taiin), Rosette #2 Protrusion Exterior (otedy, oty) | 0.15599 |
| 16 | f114r #13 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo][fp]ai0-4[rn] (opaiin), [yo]dy endings (ceeody), c \| c[fptk] + e4o (ceo), cedai4[lrsm \| n] (cedar, ceedal), do (dor), o[fptk]ai4n (okain), o[fptk]c + e0-4dy (qotcedy), o[fptk]c + e0-4y (qotceey), o[fptk]e4dy (okeedy), ora (oral), otai0-4n (otaiin, otain, qotaiin), otar variants (qotar), qo variants (qo), yodai0-4n (qodaiin, odaiin) | f67v2 Multi-Face Diagram #1 (otararain), f68r3 Star Quadrant #3 (ceo), f68v3 Diagram Center #3 (doar), f68v3 Sides #2 (qo), f85r2 Quadrant 1 (ceol), f86v3 Jet Figure #1 (cedar, ceeody, otain, qotaiin, ytain), Rosette #2 Interior Ring (orar), Rosette #2 Outer Ring (cedas, okcedy, okeedy, okodain, opair), Rosette #2 Protrusion Bottom-Left (opcey) | 0.15499 |
| 17 | f111v #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [tk]c-Initial (kcey), [yo][fptk]e4o (okeeo), cedai4[lrsm \| n] (ceedar), g (g), l[drs] Prefixes (ldy, ls), o[fptk]ai4n (okaiin, okain, qokaiin, qokain), o[fptk]c + e0-4or (okceor), o[fptk]c + e0-4y (otceey), o[fptk]e4dy (otedy, oteedy, qokedy, qokeedy, okedy, qotedy), o[tk]e0-4y (okeeey, okeey, qokeey), oa (oaiin), okal variants (qokal), okar variants (okar), otai0-4n (otain, qotaiin), otar variants (otar), qo variants (qo) | f68r3 Star Quadrant #1 (okald), f68v3 Sides #2 (qo), f69r Labeled Interior Bar #21 (otar), f85r2 Quadrant 1 (ceol, cseeo), f86v3 Jet Figure #1 (ls, otain, qokaiin, qokeedy, qotaiin, ypcseeor, ytain), Rosette #2 Bottom Exterior Label (okar), Rosette #2 Interior Ring (yky), Rosette #2 Outer Ring (oaiin, okeo, oteoteedy, tcedaiin), Rosette #2 Protrusion Bottom-Left (opcey), Rosette #2 Protrusion Exterior (ceedar, otedy), Rosette #2 Volcano-Like Protrusion (cseg) | 0.15487 |
| 18 | f115r #13 | [yo]dy endings (kody), eka (cekar), o[fptk]ai4n (qokain), o[fptk]c + e0-4dy (qokceedy, qotceedy), o[fptk]e4dy (qokeedy), o[tk]e0-4y (oky), okol variants (qokol), ora (orar), otar variants (otar, ytar), rai4n (raiin) | f69r Labeled Interior Bar #20 (qokol), f69r Labeled Interior Bar #21 (otar), f86v3 Jet Figure #1 (qokeedy, raiin, ytain, ytar), Rosette #2 Bottom Exterior Label (oedody), Rosette #2 Interior Ring (orar, yky), Rosette #2 Outer Ring (cekar, okcedy) | 0.15167 |
| 19 | f112v #1 | o[fptk]ai4n (okaiin, okain), o[fptk]e4dy (okedy, qokeedy), o[tk]e0-4y (qokeey, qoky, okeey, okey, oteey, oty), oa (oaiin, oar), okal variants (qokal), om + o[fptk \| dlrsmg]am (qotam), opal variants (opal), orai0-4n (oraiin), osa (osal), qo variants (qo), sai4n (sain) | f67v2 Diagram Exterior 1 (om), f68r3 Star Quadrant #1 (okald), f68v3 Sides #2 (qo), f85r2 Quadrant 1 (oraiin, sain), f86v3 Jet Figure #1 (qokeedy, ytain), Rosette #2 Interior Ring (o*oar, opal, yky), Rosette #2 Outer Ring (oaiin, oteoteedy), Rosette #2 Protrusion Exterior (oty), Rosette #2 Protrusion Top (osal) | 0.15161 |
| 20 | f108r #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), o[fptk]ai4n (okain), o[fptk]e4dy (okedy, otedy, qokedy, qokeedy, qotedy), okal variants (qokal), okar variants (okar) | f68r3 Star Quadrant #1 (okald), f85r2 Quadrant 1 (ceol), f86v3 Jet Figure #1 (qokeedy, ytain), Rosette #2 Bottom Exterior Label (okar), Rosette #2 Outer Ring (oteoteedy), Rosette #2 Protrusion Exterior (otedy) | 0.15065 |
| | | **Rosette #3** | | |
| 1 | f111r #2 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (dary), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceeol, ceeos), [yo][fptk]e4o (okeeo), [yo]dy endings (ceody, oteody, qokeody), c \| c[fptk] + e4o (ceo), ce4a (cear), cedai4[lrsm \| n] (ceedar), ek[yoa] (ceeky), eka (cseekal), o[fptk \| dlrsmg][ao]m (otam), o[fptk]c + e0-4dy (qotcedy, qotceedy), o[fptk]c + e0-4y (qotceey), o[lr]a (olaiiin), o[tk]e0-4y (oteey, qoteey, otey, oty, qokeey, qoky, ykeey, okeey, okey), o[tk]e4s (otes), oa (soaiin, oaiin), oce4y + infixed versions (oceey), ocke4y (ockey), okar variants (okar), olcey relative (olceedy), om (om), orai0-4n (oraiin, orain), otar variants (otar) | f67v2 East-Oriented Text (dcseog, oafoaly, oky), f68r3 Star Quadrant #2 (ockey), f68r3 Star Quadrant #3 (ceo, qoteey), f69r Labeled Interior Bar #1 (okeeo), f69r Labeled Interior Bar #22 (dary), Rosette #3 Diagram Interior #3 (oraiiin), Rosette #3 Outer Ring Sentence #1 (cedar, cseal, okar, okcsey, okody, okom, otar, qotcedy), Rosette #3 Outer Ring Sentence #2 (cseekal, okees, olceedy) | 0.24237 |
| 2 | f116r #6 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [yo]dy endings (arody), ce4a (cseeal, ceear), do (dol), eky (cseeky), o[fptk \| dlrsmg][ao]m (qotam), o[fptk]c + e0-4y (ytceey), o[lr]a (olar), o[tk]e0-4y (oteey, otey, oty, qokeey, qoky, okey, qoty), okal variants (qokal, okal, okalain, okaly), okar variants (okar), or[yoa] (ory), orai0-4n (oraiin), otal variants (otal), otar variants (otar, qotar) | f67v2 East-Oriented Text (dcseog, oky), f68v1 Exterior Stars #4 (otaly), f68v3 Stars #2 (cseeky, dom), f69r Labeled Interior Bar #2 (ary), Rosette #3 Diagram Interior #2 (okalain), Rosette #3 Diagram Interior #3 (oraiiin), Rosette #3 Outer Ring Sentence #1 (cseal, okar, okcsey, okody, okom, otar, qokal), Rosette #3 Outer Ring Sentence #2 (okal) | 0.20280 |
| 3 | f112r #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (taiin), [yo]dy endings (ody, dody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]c + e0-4dy (qotceedy), o[fptk]c + e0-4y (qokcey), o[fptk]ody (otody), o[lr]a (olaiin), o[tk]e0-4y (okeeey, okeey, oty, oteey, qokeey), oa (oar), okod variants (okody), otal variants (otal), otar variants (otar, otair) | f67v2 East-Oriented Text (dcseog, oafoaly, oky), f68v1 Exterior Stars #4 (otaly), Rosette #3 Diagram Interior #3 (oraiiin), Rosette #3 Outer Ring Sentence #1 (cedar, kar, okcsey, okody, otar, otody, qotcedy) | 0.18176 |
| 4 | f104r #11 | [yo][fp]a (opam), [yo]dy endings (oteody), o[fptk]c + e0-4dy (qotcedy), okal variants (okal), okar variants (okar), orai0-4n (oraiin), otar variants (qotar) | Rosette #3 Diagram Interior #1 (ofairy), Rosette #3 Diagram Interior #3 (oraiiin), Rosette #3 Outer Ring Sentence #1 (okar, okody, otar, qotcedy), Rosette #3 Outer Ring Sentence #2 (okal) | 0.16554 |
| 5 | f107v #4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, lceeol), [yo]dy endings (ceeody), o[fptk\| dlrsmg][ao]m (otam), o[fptk]c + e0-4dy (okcedy), o[tk]e0-4y (okeey, qokeey), okal variants (qokal, okal), okar variants (qokar), otal variants (otal), otol variants (otol), yodai0-4r (odar) | f67v2 East-Oriented Text (dcseog, oky), f68v1 Exterior Stars #4 (otaly, otol), f68v3 Sides #2 (ceeody), Rosette #3 Diagram Interior #3 (okcedy), Rosette #3 Outer Ring Sentence #1 (okar, okom, qokal), Rosette #3 Outer Ring Sentence #2 (okal, otodar) | 0.16219 |
| 6 | f107v #6 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (taiin), [yo][fp]a (opal), [yo]dy endings (ceeody), cedai4[lrsm \| n] (cedar), kc-initial (kceedy), o[lr]a (olaiin), okal variants (okal), okol variants (qokol), otal variants (otal), otar variants (otar) | f67v2 East-Oriented Text (dcseog), f68r3 Star Quadrant #2 (kcey), f68r3 Star Quadrant #3 (qokol), f68v1 Exterior Stars #4 (otaly), f68v3 Sides #2 (ceeody), Rosette #3 Diagram Interior #1 (ofairy), Rosette #3 Diagram Interior #3 (oraiiin), Rosette #3 Outer Ring Sentence #1 (cedar, kar, otar), Rosette #3 Outer Ring Sentence #2 (okal) | 0.16061 |
| 7 | f104r #6 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (kary), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo][fp]ai0-4[rn] (opair), [yo]dy endings (ceeody), ce4a (cear), cedai4[lrsm \| n] (cedar), o[fptk]c + e0-4dy (qokcedy), o-axis of [yo][fptk][ao][lr] (otor), oc[fptk]e4y (qocteey), otar variants (qotar, otar) | f67v2 East-Oriented Text (dcseog), f68r3 Star Quadrant #2 (ockey), f68v3 Sides #2 (ceeody), Rosette #3 Diagram Interior #1 (ofairy), Rosette #3 Diagram Interior #3 (kary), Rosette #3 Outer Ring Sentence #1 (cedar, cseal, otar, qotcedy), Rosette #3 Outer Ring Sentence #2 (ykol) | 0.15825 |
| 8 | f108v #8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [fptk]ai4[dlrsmg \| n] (kar), [yo]dy endings (okeody), ce4a (cseeal, ceear), cedai4[lrsm \| n] (ceedaiin, ceedar), o[fptk\| dlrsmg][ao]m (otam), o[lr][yoa] (olor), o[tk]e0-4y (okey, ceoteey, oteey, qokeey, ykeey, okeey), oce4y + infixed versions (oceey), okal variants (qokal), olcey relative (olceey), otal variants (otal) | f67v2 East-Oriented Text (dcseog, oky), f68r3 Star Quadrant #2 (ockey), f68v1 Exterior Stars #4 (otaly), Rosette #3 Diagram Interior #3 (oraiiin), Rosette #3 Outer Ring Sentence #1 (cedar, cseal, kar, okody, okom, qokal), Rosette #3 Outer Ring Sentence #2 (olceedy) | 0.15744 |
| 9 | f113v #5 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor), cteo-initial (cteor), o[fptk]c + e0-4dy (qokceedy, otcedy), o[tk]e0-4y (okeey), o-axis of [yo][fptk][ao][lr] (qotor), okal variants (okal), okar variants (qokar), okol variants (okol), ol[tk] (olkar), olcey relative (olceedy), orai0-4n (oraiin), otar variants (otar) | f67v2 East-Oriented Text (dcseog, oky), f68v3 Stars #2 (okol), f69r Labeled Interior Bar #2 (cteor), Rosette #2 Castle #4 On Bridge to #3 (otcedy), Rosette #3 Diagram Interior #3 (oraiiin), Rosette #3 Outer Ring Sentence #1 (okar, olkar, otar, qotcedy), Rosette #3 Outer Ring Sentence #2 (okal, olceedy, ykol) | 0.15502 |
| 10 | f112v #13 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (kar), [yo][fp]a (opal), cedai4[lrsm \| n] (cedal), ek[yoa] (ceeky), o[fptk]c + e0-4dy (qokcedy), o[fptk]c + e0-4y (otceey, opcey), o[tk]e0-4y (oty, ykeey), oa (oar), okal variants (okal), ol[tk] (olkaiin), otar variants (otar), otol variants (otol) | f67v2 East-Oriented Text (dcseog, oafoaly, oky), f68v1 Exterior Stars #4 (otol), f69r Labeled Interior Bar #2 (ary), Rosette #3 Diagram Interior #1 (ofairy), Rosette #3 Outer Ring Sentence #1 (cedar, kar, okcsey, olkocpe, otar, qotcedy), Rosette #3 Outer Ring Sentence #2 (cseekal, okal) | 0.15498 |
| 11 | f115v #1 | cedai4[lrsm \| n] (cedar), ek[yoa] (ceeky), o[fptk]c + e0-4dy (okcedy, qokcedy, qokceedy, qokcseedy, otceedy, ytceedy), o[fptk]c + | f67v2 East-Oriented Text (oky), f68r3 Star Quadrant #3 (qoteey), Rosette #3 Diagram Interior #3 (okcedy), Rosette #3 Outer Ring Sentence | 0.15290 |

| | | | | |
|---|---|---|---|---|
| | | e0-4y (qotceey), o[tk]e0-4y (qoteey, qoty), okar variants (qokar), om (om), otar variants (otar, qotar) | #1 (cedar, okar, okcsey, okom, otar, qotcedy), Rosette #3 Outer Ring Sentence #2 (cseekal) | |
| 12 | f113v #7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceeos), [fptk]ai4[dlrsmg \| n] (kar), [yo]dy endings (ceeody), o[lr]a (olal), okar variants (qokar, okar), otal variants (otal), otar variants (otar) | f67v2 East-Oriented Text (dcseog), f68v1 Exterior Stars #4 (otaly), f68v3 Sides #2 (ceeody), Rosette #3 Diagram Interior #3 (oraiiin), Rosette #3 Outer Ring Sentence #1 (kar, okar, otar) | 0.15261 |
| 13 | f106v #8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseor), ce4a (csear), cedai4[lrsm \| n] (cedaiin, cedal), o[fptk]c + e0-4dy (qokcedy), o[fptk]c + e0-4y (qokcey, okcsey), okal variants (okal), okar variants (qokar), okol variants (qokol), orai0-4n (oraiin) | f67v2 East-Oriented Text (dcseog), f68r3 Star Quadrant #3 (qokol), Rosette #3 Diagram Interior #3 (oraiin), Rosette #3 Outer Ring Sentence #1 (cedar, cseal, okar, okcsey, qotcedy), Rosette #3 Outer Ring Sentence #2 (okal) | 0.14926 |
| 14 | f107r #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), c \| c[fptk] + e4o (ceo), o[fptk \| dlrsmg][ao]m (otam), o[fptk]c + e0-4dy (opceedy), oe sans oy + oe4y, oe0-4s (oeedy), okal variants (okal, qokal), ol[tk] (olkar), ora (orar), otal variants (otal), otar variants (otair) | f67v2 East-Oriented Text (dcseog), f68r3 Star Quadrant #3 (ceo), f68v1 Exterior Stars #4 (otaly), f68v3 Stars #2 (cseoekeary), Rosette #3 Diagram Interior #3 (oraiiin), Rosette #3 Outer Ring Sentence #1 (okom, olkar, otar, qokal, qotcedy), Rosette #3 Outer Ring Sentence #2 (okal) | 0.14807 |
| 15 | f114r #13 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo][fp]ai0-4[rn] (opaiin), [yo]dy endings (ceeody), c \| c[fptk] + e4o (ceo), cedai4[lrsm \| n] (ceedal, cedar), do (dor), o[fptk]c + e0-4dy (qotcedy), o[fptk]c + e0-4y (qotceey), ora (oral), otal variants (ceotal), otar variants (qotar), qo variants (qo) | f67v2 East-Oriented Text (dcseog), f68r3 Star Quadrant #3 (ceo), f68v1 Exterior Stars #4 (otaly), f68v3 Sides #2 (ceeody, qo), f68v3 Stars #2 (dom), Rosette #3 Diagram Interior #1 (ofairy), Rosette #3 Diagram Interior #3 (oraiiin), Rosette #3 Outer Ring Sentence #1 (cedar, okcsey, otar, qotcedy) | 0.14632 |
| 16 | f108r #2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (cear), cedai4[lrsm \| n] (cedar), o[fptk]c + e0-4dy (qokceedy), o[fptk]c + e0-4y (okceey), o[tk]e0-4y (okeey, oteey, qokeey), okar variants (okar), otol variants (otol), qo variants (qo) | f67v2 East-Oriented Text (dcseog, oky), f68v1 Exterior Stars #4 (otol), f68v3 Sides #2 (qo), Rosette #3 Outer Ring Sentence #1 (cedar, cseal, okar, okcsey, qotcedy) | 0.14587 |
| 17 | f111v #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [yo][fptk]e4o (okeeo), ce4a (cseal, ceear), cedai4[lrsm \| n] (ceedar), g (g), kc-initial (kcey), o[fptk]c + e0-4y (otceey), o[tk]e0-4y (okeey, okeeey, qokeey), oa (oaiin), okal variants (qokal), okar variants (okar), otal variants (otal), otar variants (otar), qo variants (qo) | f67v2 East-Oriented Text (dcseog, oafoaly, oky), f68r3 Star Quadrant #2 (kcey), f68r3 Star Quadrant #3 (ceo), f68v1 Exterior Stars #4 (otaly), f68v3 Sides #2 (qo), f69r Labeled Interior Bar #1 (okeeo), Rosette #3 Outer Ring Sentence #1 (cedar, cseal, okar, okceegy, okcsey, otar, qokal) | 0.14401 |
| 18 | f104r #2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeos), [yo]dy endings (yceeeody), cedai4[lrsm \| n] (ceedal), o[fptk]c + e0-4dy (opcedy, otcedy, otceedy), o-axis of [yo][fptk][ao][lr] (okor), okal variants (qokal), okar variants (qokar, okar), okol variants (qokol), otar variants (otar), yodai0-4r (odar) | f67v2 East-Oriented Text (dcseog), f68r3 Star Quadrant #3 (qokol), Rosette #2 Castle #4 On Bridge to #3 (otcedy), Rosette #3 Outer Ring Sentence #1 (cedar, okar, okody, otar, qokal, qotcedy), Rosette #3 Outer Ring Sentence #2 (otodar, ykol) | 0.14101 |
| 19 | f112v #1 | [yo][fp]a (opal), ce4a (ceear), o[fptk \| dlrsmg][ao]m (qotam), o[tk]e0-4y (qokeey, qoky, okeey, okey, oteey, oty), oa (oaiin, oar), oe0-4s (osal), okal variants (qokal), orai0-4n (oraiin), otal variants (otal), qo variants (qo) | f67v2 East-Oriented Text (oafoaly, oky), f68v1 Exterior Stars #4 (otaly), f68v2 Star Divider #2 (ycseesos), f68v3 Sides #2 (qo), Rosette #3 Diagram Interior #1 (ofairy), Rosette #3 Diagram Interior #3 (oraiiin), Rosette #3 Outer Ring Sentence #1 (cseal, okom, qokal) | 0.13710 |
| 20 | f112v #2 | cedai4[lrsm \| n] (opcedar), eka (ceekaiiin), o[fptk]c + e0-4dy (okceedy, qokcedy), oa (soaiin), o-axis of [yo][fptk][ao][lr] (okor), okal variants (okal), okar variants (okar), or[yoa] (oror), otal variants (otal) | f67v2 East-Oriented Text (oafoaly), f68v1 Exterior Stars #4 (otaly), Rosette #3 Diagram Interior #3 (oraiiin), Rosette #3 Outer Ring Sentence #1 (cedar, okar, qotcedy), Rosette #3 Outer Ring Sentence #2 (cseekal, okal, ykol) | 0.13654 |
| | | **Rosette #4** | | |
| 1 | f108v #8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo]dy endings (okeody), ce4a (cseeal, ceear), ceckey relatives (ceeckey, ceckeey), cedai4[lrsm \| n] (ceedaiin, ceedar), dcedy relatives (dcseedy), o[dlrs]ce4y Superset (olceey), o[fptk \| dlrsmg][ao]m (otam), o[fptk]ai4n (okain, qokain), o[fptk]e4dy (qotedy, okeedy, otedy, oteedy, qokedy, qokeedy), o[lr]o (olor), o[tk]e0-4y (okeey, okey, qokeey, oteey, ceoteey, ykeey), oce4y + infixed versions (oceey), okal variants (qokal), otai0-4n (qotaiin, otaiin), otal variants (otal), yodai0-4n (cseodain) | f67v2 Diagram Exterior 2 (okeey), f68r3 Star Quadrant #4 Star #2 (ceockey), f85r2 Quadrant 2 (ceckeey), f86v3 Jet Figure #2 (ceeeor, dcseedy, otaiin, oteey, qokeey, qotaiin, ytaiin), Rosette #4 Compartment #1 (cseodaiiin, okeedy), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #4 (opam, opceody, orcsey, oteedy), Rosette #4 Compartment #7 (qokal), Rosette #4 Compartment #8 (ceeyky), Rosette #4 Outer Ring (cecedam, ceckey, oror, otal, otedy), Rosette #4-5 Bridge #2 (cseeal) | 0.22647 |
| 2 | f112r #2 | [tk]c-Initial (tceedy), o[fptk]c + e0-4dy (otceedy), o[fptk]e4dy (oteedy, okeedy, qokedy), o[tk]e0-4y (qokeey, qoteey, okeey, oteey, otey), otai0-4n (otaiin) | f67v2 Diagram Exterior 2 (okeey), f85r2 Quadrant 2 (otceedy, tceedy), f86v3 Jet Figure #2 (otaiin, oteey, qokeey, qoteey), Rosette #4 Compartment #1 (okeedy), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #8 (ceeyky) | 0.21769 |
| 3 | f108r #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), ceckey relatives (ceckey), o[fptk]ai4n (okain), o[fptk]e4dy (okedy, otedy, qokedy, qokeedy, qotedy), okal variants (qokal), okar variants (okar), otal variants (otal) | f86v3 Jet Figure #2 (ceeeor, ytaiin), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #7 (qokal), Rosette #4 Outer Ring (ceckey, okar, otal, otedy) | 0.21622 |
| 4 | f107v #4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, lceeol), [yo]dy endings (ceeody), o[fptk \| dlrsmg][ao]m (otam), o[fptk]ai4n (okaiin, okain, qokaiin, qokain), o[fptk]c + e0-4dy (okcedy), o[tk]e0-4y (okeey, qokeey), okal variants (qokal, okal), okar variants (qokar), otai0-4n (qotaiin, otaiin), otal variants (otal), otol variants (otol), yodai0-4r (odar) | f67v2 Diagram Exterior 2 (okeey), f68v3 Sides #3 (okal), f85r2 Quadrant 2 (qokar, qotaiin), f86v3 Jet Figure #2 (ceeeor, qokaiin, qokeey, ytaiin), Rosette #4 Compartment #4 (opam, opceody), Rosette #4 Compartment #5 (otol), Rosette #4 Compartment #7 (opcedy, qokal), Rosette #4 Outer Ring (odar, otal) | 0.20451 |
| 5 | f111r #2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [yo][fptk]e4o (okeeo), [yo][fptk]e4od + y (qokeody), [yo]dy endings (oteody, ceody), ce4a (cear), ceckey relatives (ceckeey, ceckey), cedai4[lrsm \| n] (ceedar), eka (cseekal), eky (ceeky), o[fptk \| dlrsmg][ao]m (otam), o[fptk]ai4n (qokain, okain), o[fptk]c + e0-4dy (qotcedy, qotceedy), o[fptk]c + e0-4y (qotceey), o[fptk]e4dy (qokedy, qokeedy, otedy, oteedy, okeedy), o[tk]e0-4y (qokeey, qoteey, qoky, otey, oty, ykeey, oteey, okeey, okey), o[tk]e4s (otes), oa (soaiin, oaiin), oce4y + infixed versions (oceey), ocke4y (ockey), oe0-4s (ceeos), oi (oir), okar variants (okar), olai0-4n (olaiiin), om (om), or[yoa] (oraiin, orain), otar variants (otar), yodai0-4n (odaiin) | f67v2 Diagram Exterior 2 (okeey, osalal), f67v2 Protrusion #3 (cear), f68r3 Star Quadrant #2 (ockey), f68r3 Star Quadrant #4 Star #2 (ceockey), f68v3 Sides #3 (qokeody), f69r Labeled Interior Bar #4 (okeeo), f85r2 Quadrant 2 (ceckeey, qotcedy), f86v3 Jet Figure #2 (ceeeor, om, oteey, qokeey, qoky, qotceey, qoteey, ytaiin), Rosette #4 Compartment #1 (ceeky, okeedy), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #3 (soa), Rosette #4 Compartment #4 (olaiiin, opam, opceody, oteedy), Rosette #4 Compartment #7 (opcedy), Rosette #4 Compartment #8 (ceeyky), Rosette #4 Outer Ring (cecedam, ceckey, ceekaiiin, odaiin, oiiin, okar, okees, oror, otar, otedy) | 0.20238 |
| 6 | f112r #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ody), cedai4[lrsm \| n] (ceedal, ceedar), do (dody), o[fptk][ao]d (okody), o[fptk]c + e0-4dy (qotceedy), o[fptk]c + e0-4y (qokcey), o[fptk]e4dy (qokeedy, oteedy), o[tk]e0-4y (oteey, qokeey, oty, okeeey, okeey), oa (oar), olai0-4n (olaiin), otai0-4n (otaiin, otain), otal variants (otal), otar variants (otar, otair), otod variants (otody), yodai0-4n (qodain) | f67v2 Diagram Exterior 2 (okeey), f67v2 Protrusion #3 (oar), f68v3 Sides #3 (ody), f86v3 Jet Figure #2 (ceeeor, otaiin, oteey, qokeey, qotaiin), Rosette #4 Compartment #1 (cseodaiiin, qokcey), Rosette #4 Compartment #3 (dor), Rosette #4 Compartment #4 (olaiiin, oteedy), Rosette #4 Compartment #7 (opcedy), Rosette #4 Compartment #8 (ceeyky), Rosette #4 Outer Ring (cecedam, ceedal, otal, otar, otodeed) | 0.19951 |
| 7 | f116r #6 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), aro[dlrsmg] (arody), ce4a (cseeal, ceear), ceckey relatives (ceckey), do (dol), eky (cseeky), o[fptk \| dlrsmg][ao]m (qotam), o[fptk]ai4n (qokaiin, qokain, okain), o[fptk]c + e0-4y (ytceey), o[fptk]e4dy (okeedy, otedy, oteedy, oteeedy, qokedy, qokeedy), o[tk]e0-4y (qokeey, qoky, oteey, otey, oty, okey, qoty), oi (oiin), okal variants (okal, okalain, okaly, qokal), okar variants (okar), ola (olar), or[yoa] (orain), ory (ory), otai0-4n (otain), otal variants (otal), otar variants (otar, qotar) | f57v Diagram Center #2 (okaly), f68v3 Sides #3 (okal), f68v3 Stars #2 (cseeky), f85r2 Quadrant 2 (qotaiin), f86v3 Jet Figure #2 (ceeeor, oteey, qokaiin, qokeey, qoky, qoty, ytaiin), Rosette #4 Compartment #1 (okeedy, ory), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #3 (dor), Rosette #4 Compartment #4 (olaiiin, opam, oteedy), Rosette #4 Compartment #6 (oparod), Rosette #4 Compartment #7 (qokal), Rosette #4 Compartment #8 (ceeyky), Rosette #4 Outer Ring (ceckey, oiiin, okalol, okar, oror, otal, otar, otecseey, otedy), Rosette #4-5 Bridge #2 (cseeal) | 0.19951 |
| 8 | f111v #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [yo][fptk]e4o (okeeo), ce4a (ceear, cseal), ceckey relatives (ceckeey, ceckey, ceeckey), cedai4[lrsm \| n] (ceedar), g (g), kc-initial (kcey), o[fptk]ai4n (okaiin, okain, qokaiin, qokain), o[fptk]c + e0-4y (otceey), o[fptk]e4dy (otedy, oteedy, okedy, qokedy, qokeedy, qotedy), o[tk]e0-4y (qokeey, okeeey, okeey), oa (oaiin), okal variants (qokal), okar variants (okar), otai0-4n (otain, qotaiin), otal variants (otal), otar variants (otar) | f67v2 Diagram Exterior 2 (okeey), f69r Labeled Interior Bar #4 (okeeo), f85r2 Quadrant 2 (ceckeey, qotaiin), f86v3 Jet Figure #2 (ceeeor, otceey, qokaiin, qokeey, ytaiin), Rosette #4 Compartment #2 (kcey, qokedy), Rosette #4 Compartment #3 (soa), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #7 (qokal), Rosette #4 Compartment #8 (ceeyky), Rosette #4 Outer Ring (cecedam, ceckey, okar, otal, otar, otedy), Rosette #4-5 Bridge #2 (cseeal, g) | 0.18940 |
| 9 | f103r #8 | ceckey relatives (ceckeey), cedai4[lrsm \| n] (ceedal), o[fptk]ai4n (okain, qokain), o[fptk]c + e0-4y (qotcey), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, otey, oty, okeeey, okeey, oky), okal variants (qokal), opce0-4dy (opceedy) | f67v2 Diagram Exterior 2 (okeey), f85r2 Quadrant 2 (ceckeey), f86v3 Jet Figure #2 (oteey, qotcey, ytaiin), Rosette #4 Compartment #3 (oky), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #7 (qokal), Rosette #4 Compartment #8 (ceeyky, opceedy), Rosette #4 Outer Ring (ceedal) | 0.18122 |
| 10 | f104r #11 | [yo]dy endings (oteody), o[fptk]ai4n (qokaiin, okaiin), o[fptk]c + e0-4dy (qotcedy), okal variants (okal), okar variants (okar), opam variants (opam), or[yoa] (oraiin), otar variants (qotar) | f68v3 Sides #3 (okal), f85r2 Quadrant 2 (qotcedy), f86v3 Jet Figure #2 (qokaiin, ytaiin), Rosette #4 Compartment #4 (opam, opceody), Rosette #4 Outer Ring (okar, oror, otar) | 0.17746 |
| 11 | f114v #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo][fptk]e4od + y (qoteeody), [yo]dy endings (ceeody), aro[dlrsmg] (arody), o[fptk \| dlrsmg][ao]m (otam), o[fptk]ai4n (okaiin, qokaiin), o[fptk]c + e0-4y (qotceey, otceey), o[fptk]eda[lrsm \| n] (okedaiin), o[tk]e0-4y (okeey, oteey), okal variants (okal), okar variants (qokar), otai0-4n (qotaiin, otaiin, otain), otal variants (otal), otar variants (qotar), yodai0-4n (odaiin) | f67v2 Diagram Exterior 2 (okeey), f68v3 Sides #3 (okal), f85r2 Quadrant 2 (qokar, qotaiin), f86v3 Jet Figure #2 (ceeeor, otaiin, otceey, oteey, qokaiin, qotceey, qoteeody, ytaiin), Rosette #4 Compartment #4 (opam, opceody), Rosette #4 Compartment #6 (oparod), Rosette #4 Outer Ring (odaiin, okedaiin, otal, otar) | 0.17417 |
| 12 | f107v #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [yo]c + e4dy (oceedy), [yo]dy endings (ceody), eky (ceeky), kc-initial (kcey), o[fptk]ai4n (qokaiin, qokain), o[fptk]e4dy (qokedy, otedy), oe0-4s (oteos), okar variants (qokar), ol[tk] (olkair), otai0-4n (otaiin), otal variants (otal), otar variants (otar) | f67v2 Diagram Exterior 2 (osalal), f85r2 Quadrant 2 (qokar), f86v3 Jet Figure #2 (ceeeor, oceedy, otaiin, qokaiin, ytaiin), Rosette #4 Compartment #1 (ceeky), Rosette #4 Compartment #2 (kcey, qokedy), Rosette #4 Compartment #4 (opceody), Rosette #4 Outer Ring (olkar, otal, otar, otedy) | 0.17085 |
| 13 | f108r #2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (cear), cedai4[lrsm \| n] (cedar), o[fptk]c + e0-4dy (qokceedy), o[fptk]c + e0-4y (okceey), o[fptk]e4dy (okedy, qokedy, qokeedy, otedy, qotedy), o[tk]e0-4y (oteey, qokeey, okeey), okar variants (okar), otol variants (otol) | f67v2 Diagram Exterior 2 (okeey), f67v2 Protrusion #3 (cear), f86v3 Jet Figure #2 (ceeeor, oteey, qokeey), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #5 (otol), Rosette #4 Compartment #7 (opcedy), Rosette #4 Outer Ring (cecedam, okar, otecseey, otedy) | 0.17070 |
| 14 | f108r #14 | cedai4[lrsm \| n] (cedar), o[fptk]ai4n (qokaiin), o[fptk]e4dy (qokedy, qokeedy, otedy, oteedy, yteedy, okedy), o[tk]e0-4y (okeey, qokeey) | f67v2 Diagram Exterior 2 (okeey), f86v3 Jet Figure #2 (qokaiin, qokeey), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #4 (oteedy), Rosette #4 Outer Ring (cecedam, otedy) | 0.17062 |
| 15 | f113v #7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin, okain, qokaiin, ykaiin), oe0-4s (ceeos), okar variants (qokar, okar), ola (olal), otal variants (otal), otar variants (otar) | f67v2 Diagram Exterior 2 (osalal), f85r2 Quadrant 2 (qokar), f86v3 Jet Figure #2 (ceeeor, qokaiin, ykaiin, ytaiin), Rosette #4 Compartment #4 (olaiiin, opceody), Rosette #4 Outer Ring (okar, otal, otar) | 0.16895 |
| 16 | f108r #13 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]ce4y + infixed versions (yceey), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk \| dlrsmg][ao]m (otam), o[fptk]e4dy (otedy, oteedy, okedy, okeedy, qotedy, qokedy, qokeedy), o[tk]e0-4y (qokeey, okeey, okey), okar variants (qokar, okar), ola (olal), otai0-4n (otain) | f67v2 Diagram Exterior 2 (okeey), f68r3 Star Quadrant #4 Star #2 (ceockey), f85r2 Quadrant 2 (qokar), f86v3 Jet Figure #2 (ceeeor, qokeey, qotaiin), Rosette #4 Compartment #1 (okeedy), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #4 (olaiiin, opam, opceody, oteedy), Rosette #4 Compartment #8 (ceeyky), Rosette #4 Outer Ring (cecedam, ceedal, okar, otedy) | 0.16781 |

| | | | | |
|---|---|---|---|---|
| 17 | f106v #15 | [yo][fptk]e4o (okeeo), cedai4[lrsm \| n] (ceedar), o[fptk]ai4n (okain, qokaiin), o[fptk]e4dy (qokeedy, otedy, oteedy), o[fptk]eda[lrsm \| n] (okedaiin), o[tk]e0-4y (okeeey, ceeyky, oteey, okeey, oky, oty), okal variants (okal), otai0-4n (otaiin), otar variants (ytar), otol variants (otol), yodai0-4n (odaiin) | f67v2 Diagram Exterior 2 (okeey), f68v3 Sides #3 (okal), f69r Labeled Interior Bar #4 (okeeo), f86v3 Jet Figure #2 (otaiin, oteey, qokaiin, ytaiin), Rosette #4 Compartment #3 (oky), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #5 (otol), Rosette #4 Compartment #8 (ceeyky), Rosette #4 Outer Ring (cecedam, odaiin, okedaiin, otar, otedy) | 0.16601 |
| 18 | f103r #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), ety (cseety), o[fptk]ai4n (okaiin), o[fptk]e4dy (otedy, qokedy), o[tk]e0-4y (oteey, okeey), okal variants (qokal), opce0-4dy (opceedy), or[yoa] (oraiin) | f67v2 Diagram Exterior 2 (okeey), f86v3 Jet Figure #2 (ceeeor, oteey, ytaiin), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #7 (qokal), Rosette #4 Compartment #8 (cseety, opceedy), Rosette #4 Outer Ring (oror, otedy) | 0.16497 |
| 19 | f112v #2 | cedai4[lrsm \| n] (opcedar), eka (ceekaiiin), o[fptk]ai4n (okaiin), o[fptk]c + e0-4dy (qokcedy, okceedy), oa (soaiin), o-axis of [yo][fptk][ao][lr] (okor), okal variants (okal), okar variants (okar), oro (oror), otai0-4n (otaiin), otal variants (otal) | f68v3 Sides #3 (okal), f86v3 Jet Figure #2 (otaiin, ytaiin), Rosette #4 Compartment #1 (okol), Rosette #4 Compartment #3 (soa), Rosette #4 Compartment #7 (opcedy), Rosette #4 Outer Ring (cecedam, ceekaiiin, okar, oror, otal) | 0.16488 |
| 20 | f104r #2 | [yo]c + e4ody (yceeeody), cedai4[lrsm \| n] (ceedal), o[fptk]ai4n (qokaiin), o[fptk]c + e0-4dy (otcedy, otceedy), o[fptk]e4dy (qokeedy), o-axis of [yo][fptk][ao][lr] (okor), oe0-4s (cseeos), okal variants (qokal), okar variants (qokar, okar), okol variants (qokol), opce0-4dy (opcedy), otai0-4n (qotaiin), otar variants (otar), yodai0-4n (qodain, odaiin), yodai0-4r (odar) | f85r2 Quadrant 2 (cseeos, otceedy, qokar), f86v3 Jet Figure #2 (qokaiin, qotaiin, yceeeody), Rosette #4 Compartment #1 (cseodaiiin, okol), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #7 (opcedy, qokal), Rosette #4 Outer Ring (ceedal, odaiin, odar, okar, otar) | 0.16429 |
| | | **Rosette #5** | | |
| 1 | f111r #2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [yo][fptk]e4od + y (qokeody), [yo]dy endings (oteody, ceody), c \| cs + e0-4[dlrsmg] (cseed), ce4a (cear), ceckey relatives (ceckeey, ceckey), cedai4[lrsm \| n] (ceedar), ek[yoa] (ceeky), eka (cseekal), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qotceey), o[fptk]c + e0-4dy (qotcedy, qotceedy), o[fptk]e4dy (qokedy, qokeedy, otedy, oteedy, okeedy), o[lr]a (oraiin, orain), o[tk]e0-4y (oteey, otey, oty, qokeey, qoky, qoteey, okeey, okey, ykeey), oe0-4s (ceeos), okar variants (okar), ola (olaiiin), om + o[fptk \| dlrsmg]am (om, otam), otar variants (otar), so (soaiin), yodai0-4n (odaiin) | f67v2 South-Oriented Text (okolarm), f68r3 Star Quadrant #5 (dcseol), f68v1 Exterior Stars #5 (okeey), f68v3 Sides #3 (ceckey, qokeody), f69r Labeled Interior Bar #5 (okey, sol), Rosette #4-5 Bridge #1 (okar), Rosette #4-5 Bridge #2 (cseeal), Rosette #5 Compartment #10 (otedy), Rosette #5 Compartment #3 (okcedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (keeody, odaiiin, oekaiiin, osain, otar, yky), Rosette #5-6 Bridge #1 (cseed) | 0.24550 |
| 2 | f116r #6 | [ao][lr][ao][lr] Pipe/Flow (olar), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [fptk]e0-4y (keey), aro[dlrsmg] (arody), ce4a (cseeal, ceear), ceckey relatives (ceckey), do (dol), ek[yoa] (cseeky), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (ytceey), o[fptk]e4dy (okeedy, otedy, oteedy, oteeedy, qokedy, qokeedy), o[lr][yoa] (ory), o[lr]a (orain), o[tk]e0-4y (okey, qokeey, qoky, oteey, otey, oty, qoty), okal variants (qokal, okal, okalain, okaly), okar variants (okar), om + o[fptk \| dlrsmg]am (qotam), otar variants (qotar, otar) | f67v2 South-Oriented Text (okolarm), f68r3 Star Quadrant #5 (dcseol), f68v3 Sides #3 (ceckey), f68v3 Stars #3 (keey, qokal), f69r Labeled Interior Bar #5 (okey), f69r Labeled Interior Bar #7 (doceeeo), Rosette #4-5 Bridge #1 (okar), Rosette #4-5 Bridge #2 (cseeal), Rosette #5 Compartment #10 (otedy), Rosette #5 Compartment #3 (okcedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (oekaiiin, okal, okalar, otar, sarol, yky) | 0.24298 |
| 3 | f112r #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (taiin), [fptk]e0-4y (keey), [yo]dy endings (ody, dody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]c + e0-4dy (qotceedy), o[fptk]c + e0-4y (qokcey), o[fptk]e4dy (qokeedy, oteedy), o[fptk]ody (otody), o[tk]e0-4y (oty, oteey, okeeey, okeey, qokeey), okod variants (okody), ola (olaiin), otar variants (otair, otar), x (xar), yodai0-4n (qodain) | f67v2 South-Oriented Text (okolarm), f68r3 Star Quadrant #5 (dcseol, qokcey), f68v1 Exterior Stars #5 (okeey), f68v3 Stars #3 (keey), f69r Labeled Interior Bar #5 (tam), Rosette #5 Compartment #3 (okcedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (keeody, odaiiin, ody, okody, otar, xdor, yky) | 0.24009 |
| 4 | f108v #8 | [ao][lr][ao][lr] Pipe/Flow (olor), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [fptk]ai4[dlrsmg \| n] (kar), [yo]dy endings (okeody), ce4a (cseeal, ceear), ceckey relatives (ceckey, ceckeey), cedai4[lrsm \| n] (ceedaiin, ceedar), o[fptk]e4dy (okeedy, otedy, oteedy, qokedy, qokeedy, qotedy), o[tk]e0-4y (ykeey, qokeey, oteey, okey, okeey, ceoteey), okal variants (qokal), om + o[fptk \| dlrsmg]am (otam), yodai0-4n (cseodain) | f68r3 Star Quadrant #5 (dcseol), f68v1 Exterior Stars #5 (okeey), f68v3 Sides #3 (ceckey), f68v3 Stars #3 (qokal), f69r Labeled Interior Bar #5 (okey, tam), Rosette #4-5 Bridge #2 (cseeal), Rosette #5 Compartment #10 (otedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (keeody, odaiiin, sarol, yky) | 0.22610 |
| 5 | f108r #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), ceckey relatives (ceckey), o[fptk]e4dy (okedy, otedy, qokedy, qokeedy, qotedy), okal variants (qokal), okar variants (okar) | f68r3 Star Quadrant #5 (dcseol), f68v3 Sides #3 (ceckey), f68v3 Stars #3 (qokal), Rosette #4-5 Bridge #1 (okar), Rosette #5 Compartment #10 (otedy), Rosette #5 Compartment #5 (okedy), Rosette #5 Compartment #7 (oteedy) | 0.21034 |
| 6 | f108r #14 | [fptk]e0-4y (keey), cedai4[lrsm \| n] (cedar), o[fptk]e4dy (okedy, yteedy, otedy, oteedy, qokedy, qokeedy), o[tk]e0-4y (qokeey, okeey) | f68v1 Exterior Stars #5 (okeey), f68v3 Stars #3 (keey), Rosette #5 Compartment #10 (otedy), Rosette #5 Compartment #5 (okedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (yky) | 0.19440 |
| 7 | f108r #13 | [ao][lr][ao][lr] Pipe/Flow (olal), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]e4dy (qotedy, otedy, oteedy, qokedy, qokeedy, okedy, okeedy), o[tk]e0-4y (okeey, okey, qokeey), okar variants (qokar, okar), om + o[fptk \| dlrsmg]am (otam) | f68r3 Star Quadrant #5 (dcseol), f68v1 Exterior Stars #5 (okeey), f69r Labeled Interior Bar #5 (okey), Rosette #4-5 Bridge #1 (okar), Rosette #5 Compartment #10 (otedy), Rosette #5 Compartment #5 (okedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (keeody, okair, sarol, yky) | 0.19128 |
| 8 | f108v #2 | cedai4[lrsm \| n] (ceedal), o[fptk]c + e0-4dy (otceedy), o[fptk]e4dy (oteedy, okedy, okeedy, qokedy, qokeedy), o[fptk]edal (otedal), o[tk]e0-4y (otey, oty, okeey, qokeey), okal variants (qokal, okal), okar variants (okar, qokar, okair), ol[tk] (ceolkain), om + o[fptk \| dlrsmg]am (om) | f68v1 Exterior Stars #5 (okeey), f68v3 Stars #3 (qokal), Rosette #4-5 Bridge #1 (okar), Rosette #5 Compartment #3 (okcedy), Rosette #5 Compartment #5 (okedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (okair, okal, okedal, olky, yky) | 0.18855 |
| 9 | f111v #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), c \| cs + e0-4[dlrsmg] (cseed), ce4a (cseal, ceear), ceckey relatives (ceeckey, ceckeey, ceckey), cedai4[lrsm \| n] (ceedar), g (g), kc-initial (kceey), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (otceey), o[fptk]e4dy (otedy, oteedy, qokedy, qokeedy, qotedy, okedy), o[tk]e0-4y (okeeey, okeey, qokeey), okal variants (qokal), okar variants (okar), otar variants (otar) | f68r3 Star Quadrant #5 (dcseol), f68v1 Exterior Stars #5 (okeey), f68v3 Sides #3 (ceckey), f68v3 Stars #3 (qokal), Rosette #4-5 Bridge #1 (okar), Rosette #4-5 Bridge #2 (cseeal, g), Rosette #5 Compartment #3 (okcedy), Rosette #5 Compartment #5 (okedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (kceedy, otar, otedy, yky), Rosette #5-6 Bridge #1 (cseed) | 0.18669 |
| 10 | f108r #2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (cear), cedai4[lrsm \| n] (cedar), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (okceey), o[fptk]c + e0-4dy (qokceedy), o[fptk]e4dy (qokedy, qokeedy, otedy, qotedy, okedy), o[tk]e0-4y (okeey, oteey, qokeey), o-axis of [yo][fptk][ao][lr] (otol), okar variants (okar) | f67v2 South-Oriented Text (okolarm), f68r3 Star Quadrant #5 (dcseol), f68v1 Exterior Stars #5 (okeey), Rosette #4-5 Bridge #1 (okar), Rosette #4-5 Bridge #2 (cseeal), Rosette #5 Compartment #3 (okcedy), Rosette #5 Compartment #5 (okedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (otedy, yky) | 0.18134 |
| 11 | f106v #15 | [fptk]e0-4y (keey), cedai4[lrsm \| n] (ceedar), o[fptk]e4dy (otedy, oteedy, qokeedy), o[fptk]eda[lrsm \| n] (okedaiin), o[tk]e0-4y (okeeey, okeey, oky, oteey, ceeyky, oty), o-axis of [yo][fptk][ao][lr] (otol), okal variants (okal), otar variants (ytar), yodai0-4n (odaiin) | f67v2 South-Oriented Text (okolarm), f68v1 Exterior Stars #5 (okeey), f68v3 Stars #3 (keey), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (odaiiin, okal, okedaiiin, otar, otedy, yky) | 0.16327 |
| 12 | f108r #8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (cear), cedai4[lrsm \| n] (cedal, cedar), o[fptk]c + e0-4dy (opceedy), o[fptk]e4dy (okedy, qotedy, qokedy, qokeedy), o[fptk]eda[lrsm \| n] (okedam), o[tk]e0-4y (qokeey, okeey), okal variants (qokal, okal) | f68r3 Star Quadrant #5 (dcseol), f68v1 Exterior Stars #5 (okeey), f68v3 Stars #3 (qokal), Rosette #4-5 Bridge #2 (cseeal), Rosette #5 Compartment #3 (okcedy), Rosette #5 Compartment #5 (okedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (okal, okedair, yky) | 0.16266 |
| 13 | f115v #1 | cedai4[lrsm \| n] (cedar), ek[yoa] (ceeky), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qotceey), o[fptk]c + e0-4dy (qokcedy, qokceedy, qokcseedy, ytceedy, okcedy, otceedy), o[fptk]e4dy (yteedy, qokeedy, qotedy), o[tk]e0-4y (qoteey, qoty), okar variants (qokar), om + o[fptk \| dlrsmg]am (om), otar variants (otar, qotar) | Rosette #5 Compartment #3 (okcedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (oekaiiin, okair, otar, yky) | 0.16197 |
| 14 | f112r #9 | [yo]dy endings (okeody), o[fptk]e4dy (oteedy, okedy, okeedy), o[tk]e0-4y (okeey, qoky), okal variants (okal) | f68v1 Exterior Stars #5 (okeey), Rosette #5 Compartment #5 (okedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Outer Ring (keeody, okal, yky) | 0.16048 |
| 15 | f106v #8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseor), c \| cs + e0-4[dlrsmg] (csed), ce4a (csear), cedai4[lrsm \| n] (cedaiin, cedal), dl Consonant clusters (odl), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (okcsey), o[fptk]c + e0-4dy (qokcedy), o[fptk]c + e0-4y (qokcey), o[fptk]e4dy (okeedy), o[lr]a (oraiin), okal variants (okal), okar variants (qokar), okol variants (qokol) | f67v2 South-Oriented Text (okolarm), f68r3 Star Quadrant #5 (dcseol, otgoldl, qokcey), Rosette #4-5 Bridge #2 (cseeal), Rosette #5 Compartment #3 (okcedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (okair, okal), Rosette #5-6 Bridge #1 (cseed) | 0.15386 |
| 16 | f103v #11 | [yo]dy endings (ceeody), c \| cs + e0-4[dlrsmg] (csed), ceckey relatives (ceeckey), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (opceey, qokcseey), o[fptk]e4dy (otedy, okedy), o[tk]e0-4y (okeey, okey, otey, oty, qokeey, ykeey), ol[yoa] (oly) | f67v2 South-Oriented Text (okolarm), f68v1 Exterior Stars #5 (okeey), f68v3 Sides #3 (ceckey), f69r Labeled Interior Bar #5 (okey), Rosette #5 Compartment #3 (okcedy), Rosette #5 Compartment #5 (okedy), Rosette #5 Outer Ring (keeody, otedy, yky), Rosette #5-6 Bridge #1 (cseed) | 0.15147 |
| 17 | f115r #11 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]e0-4y (keey), [yo]dy endings (ceeody), do (dor), kc-initial (kceedy), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (okceey), o[fptk]c + e0-4y (qokcey), o[tk]e0-4y (qoty), oe0-4s (ceeos), so (sol), yodai0-4n (qodain) | f68r3 Star Quadrant #5 (dcseol, qokcey), f68v3 Stars #3 (keey), f69r Labeled Interior Bar #5 (sol), f69r Labeled Interior Bar #7 (doceeeo), Rosette #5 Compartment #3 (okcedy), Rosette #5 Outer Ring (kceedy, keeody, odaiiin, osain, yky) | 0.14773 |
| 18 | f104r #2 | [yo]dy endings (yceeeody), cedai4[lrsm \| n] (ceedal), o[fptk]c + e0-4dy (opcedy, otcedy, otceedy), o[fptk]e4dy (qokeedy), o-axis of [yo][fptk][ao][lr] (okor), oe0-4s (cseeos), okal variants (qokal), okar variants (qokar, okar), okol variants (qokol), otar variants (otar), yodai0-4n (odaiin, qodain) | f67v2 South-Oriented Text (okolarm), f68v3 Stars #3 (qokal), Rosette #4-5 Bridge #1 (okar), Rosette #5 Compartment #3 (okcedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (keeody, odaiiin, okair, osain, otar, otcedy) | 0.14772 |
| 19 | f103r #8 | ceckey relatives (ceckeey), cedai4[lrsm \| n] (ceedal), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qotcey), o[fptk]c + e0-4dy (opceedy), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, otey, oty, okeeey, okeey, oky), okal variants (qokal) | f68v1 Exterior Stars #5 (okeey), f68v3 Sides #3 (ceckey), f68v3 Stars #3 (qokal), Rosette #5 Compartment #3 (okcedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (yky) | 0.14747 |
| 20 | f104r #11 | [yo]dy endings (oteody), [yo]pa (opam), o[fptk]c + e0-4dy (qotcedy), o[lr]a (oraiin), okal variants (okal), okar variants (okar), otar variants (qotar) | f67v2 South-Oriented Text (okolarm), Rosette #4-5 Bridge #1 (okar), Rosette #5 Compartment #3 (okcedy), Rosette #5 Outer Ring (keeody, okal, opar, otar) | 0.14723 |
| | | **Rosette #6** | | |
| 1 | f108v #8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [tk]e4dy (tedy), [yo]dy endings (okeody), a[dlrsmg]am (dalam), ce4a (cseeal, ceear), ceckey relatives (ceeckey, ceckeey), cedai4[lrsm \| n] (ceedaiin, ceedar), l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] (lar), o[fptk]ai4n (okain, qokain), o[fptk]e4dy (otedy, oteedy, qokedy, qokeedy, okeedy, qotedy), o[tk]e0-4y (okeey, okey, ceoteey, qokeey, oteey, ykeey), oce4y (oceey), okal variants (qokal), ol[yoa] (olor), olcey relative (olceey), om + o[fptk \| dlrsmg]am (otam), otai0-4n (otaiin, qotaiin), yodai0-4n (cseodain) | f68r3 Star Quadrant #4 (okey), f68v3 Sides #4 (oceey), f69r Labeled Interior Bar #9 (ceor), f85r2 Quadrant 3 (tedy), f86v3 Jet Figure #3 (ceear, lkam, otaiin, qokal, qotaiin), Rosette #6 Compartment #4 (opdaram), Rosette #6 Compartment #5 (ofcedar), Rosette #6 Compartment #7 (otedy), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6 Compartment #8 Label #7 (opcedam), Rosette #6 Exterior Label #1 (ofodydy), Rosette #6 Outer Ring (ceckey, odaiiin, olceedy), Rosette #6 Picatrix-Like Attachment (oteoly), Rosette #6-7 Bridge #2 (oteey) | 0.19751 |
| 2 | f112r #1 | [dlrsmg]ai4m (dam), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]e0-4y (keey), [yo]dy endings (dody, ody), cedai4[lrsm | f67v2 Diagram Exterior 3 (dam, toal), f68r3 Star Quadrant #5 (qokcey), f68r3 Star Quadrant #6 Star #3 (oty), f68v3 Stars #3 (keey), f69r | 0.19658 |

| | | | | |
|---|---|---|---|---|
| | | \| n] (ceedal, ceedar), o[fptk]c + e0-4dy (qotceedy), o[fptk]c + e0-4y (qokceey), o[fptk]e4dy (qokeedy, oteedy), o[fptk]ody (otody, okody), o[tk]e0-4y (oty, qokeey, oteey, okeeey, okeey), oa (oar), ol[yoa] (olaiin), otai0-4n (otaiin, otain), otar variants (otair, otar), x (xar), yodai0-4n (qodain) | Labeled Interior Bar #9 (ceor), f85r2 Quadrant 3 (qodain), f86v3 Jet Figure #3 (okeeey, otaiin, qotaiin), Rosette #6 Compartment #1 (opcedy), Rosette #6 Compartment #5 (ofcedar), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6 Exterior Label #1 (ofodydy), Rosette #6 Outer Ring (otar, otody, xar), Rosette #6 Picatrix-Like Attachment (oteoly), Rosette #6-7 Bridge #2 (oteey) | |
| 3 | f108r #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), ceckey relatives (ceckey), o[fptk]ai4n (okain), o[fptk]e4dy (okedy, otedy, qokedy, qokeedy, qotedy), okal variants (qokal), okar variants (okar) | f69r Labeled Interior Bar #9 (ceor), f86v3 Jet Figure #3 (qokal, qotaiin), Rosette #6 Compartment #3 (okar), Rosette #6 Compartment #7 (otedy), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6 Outer Ring (ceckey) | 0.19634 |
| 4 | f111r #2 | [dlrsmg]ai4m (dam), [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (dary), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceeol), [yo][fptk]e4o (okeeo), [yo]dy endings (oteody, ceody, qokeody), c \| cs + e0-4[dlrsmg] (cseed), ce4a (cear), ceckey relatives (ceckeey, ceckey), cedai4[lrsm \| n] (ceedar), ek[yoa] (cseekal), eky (ceeky), faceys relatives (ackey), o[fptk]ai4n (okain, qokain), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qotceey), o[fptk]c + e0-4dy (qotcedy, qotceedy), o[fptk]e4dy (qokedy, qokeedy, okeedy, otedy, oteedy), o[lr][yoa] (oraiin, orain), o[tk]e0-4y (okeey, okey, oteey, otey, oty, qokeey, qoky, qoteey, ykeey), o[tk]e4s (otes), oa (oaiin, soaiin), oce4y (oceey), oce4y + infixed versions (ockey), oe0-4s (ceeos), okar variants (okar), ol[yoa] (olaiiin), olcey relative (olceedy), om (om), om + o[fptk\| dlrsmg]am (otam), otar variants (otar), yodai0-4n (odaiin) | f67v2 Diagram Exterior 3 (daly, dam, toal), f68r3 Star Quadrant #4 (okey), f68r3 Star Quadrant #6 Star #3 (oty), f68v3 Sides #4 (oceey), f69r Labeled Interior Bar #9 (ceor), f85r2 Quadrant 3 (otees), f86v3 Jet Figure #3 (ceear, qotaiin, qoteey, yteeo), Rosette #5-6 Bridge #1 (cseed), Rosette #6 Compartment #1 (opcedy), Rosette #6 Compartment #3 (okar), Rosette #6 Compartment #5 (ofcedar), Rosette #6 Compartment #7 (oparom, otedy), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6 Compartment #8 Label #7 (opcedam), Rosette #6 Exterior Label #1 (ofodydy), Rosette #6 Outer Ring (ackey, ceckey, odaiiin, olceedy, otar), Rosette #6 Picatrix-Like Attachment (oteoly), Rosette #6-7 Bridge #1 (depceeky), Rosette #6-7 Bridge #2 (oteey), Rosette #6-7 Bridge Interior West (osy) | 0.19086 |
| 5 | f116r #6 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [fptk]e0-4y (keey), aro[dlrsmg] (arody), ce4a (cseeal, ceear), ceckey relatives (ceckey), eky (cseeky), o[fptk]ai4n (okain, qokain, qokaiin, qokain), o[fptk]c + e0-4y (ytceey), o[fptk]e4dy (qokedy, qokeedy, otedy, oteedy, oteeedy, okeedy), o[lr][yoa] (orain), o[lr]y (ory), o[tk]e0-4y (oteey, otey, oty, qokeey, qoky, okey, qoty), okal variants (okal, okalain, okaly, qokal), okar variants (okar), ol[yoa] (olar), om + o[fptk\| dlrsmg]am (qotam), otai0-4n (otain), otar variants (otar, qotar) | f67v2 Diagram Exterior 3 (daly), f68r3 Star Quadrant #4 (okey), f68r3 Star Quadrant #6 Star #3 (oty), f68v3 Stars #3 (keey), f69r Labeled Interior Bar #9 (ceor), f85r2 Quadrant 3 (arody), f86v3 Jet Figure #3 (ceear, qokal, qotaiin, qotar, ytceey), Rosette #6 Compartment #3 (okar), Rosette #6 Compartment #7 (otedy), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6 Compartment #8 Label #7 (opcedam), Rosette #6 Outer Ring (ceckey, okal, otar), Rosette #6 Picatrix-Like Attachment (oteoly), Rosette #6-7 Bridge #1 (depceeky), Rosette #6-7 Bridge #2 (oteey) | 0.18487 |
| 6 | f111v #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [tk]e4dy (tedy), [yo][fptk]e4o (okeeo), c \| cs + e0-4[dlrsmg] (cseed), ce4a (cseal, ceear), ceckey relatives (ceeckey, ceckeey, ceckey), cedai4[lrsm \| n] (ceedar), Consonant Clusters (ls), g (g), kc-initial (kcey), l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] (lkam), o[fptk]ai4n (okaiin, okain, qokaiin, qokain), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (otceey), o[fptk]e4dy (otedy, oteedy, okedy, qokedy, qokeedy, qotedy), o[tk]e0-4y (qokeey, okeeey, okeey), oa (oaiin), okal variants (qokal), okar variants (okar), otai0-4n (otain, qotaiin), otar variants (otar) | f67v2 Diagram Exterior 3 (toal), f68r3 Star Quadrant #6 Star #3 (dg), f69r Labeled Interior Bar #9 (ceor), f85r2 Quadrant 3 (tedy), f86v3 Jet Figure #3 (ceear, kcsed, lkam, okeeey, qokal, qotaiin, yteeo), Rosette #5-6 Bridge #1 (cseed), Rosette #6 Compartment #1 (opcedy), Rosette #6 Compartment #3 (okar), Rosette #6 Compartment #5 (ofcedar), Rosette #6 Compartment #7 (otedy), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6 Outer Ring (ceckey, otar, otegar), Rosette #6-7 Bridge #2 (oteey) | 0.17631 |
| 7 | f104r #11 | [yo]dy endings (oteody), [yo]pa (opam), o[fptk]ai4n (okaiin, qokaiin), o[fptk]c + e0-4dy (qotcedy), o[lr][yoa] (oraiin), okal variants (okal), okar variants (okar), otar variants (qotar) | f86v3 Jet Figure #3 (qotaiin, qotar), Rosette #6 Compartment #1 (opcedy), Rosette #6 Compartment #3 (okar), Rosette #6 Exterior Label #1 (ofodydy), Rosette #6 Outer Ring (okal), Rosette #6 Picatrix-Like Attachment (opacseeefcedy, oteoly) | 0.17098 |
| 8 | f107v #5 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fp]ai0-4[rn] (opaiin), [yo]dy endings (qokeody), ceckey relatives (ceckey), l-prefix + [fptk\| dlrsmg]ai4[dlrsmg \| n] (lkam), o[fptk]ai4n (okaiin, qokain), o[fptk]e4dy (otedy), okal variants (okal), okar variants (qokar), ol[yoa] (olaiin), otai0-4n (otaiin) | f69r Labeled Interior Bar #9 (ceor), f86v3 Jet Figure #3 (lkam, otaiin, qotaiin), Rosette #6 Compartment #3 (okar), Rosette #6 Compartment #7 (oparom, otedy), Rosette #6 Exterior Label #1 (ofodydy), Rosette #6 Outer Ring (ceckey, okal), Rosette #6 Picatrix-Like Attachment (oteoly) | 0.16873 |
| 9 | f106v #8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseor), c \| cs + e0-4[dlrsmg] (csed), ce4a (csear), cedai4[lrsm \| n] (cedaiin, cedal), o[fptk]ai4n (qokaiin, qokain), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (okcsey), o[fptk]c + e0-4dy (qokcedy), o[fptk]c + e0-4y (qokcey), o[fptk]e4dy (okeedy), o[lr][yoa] (oraiin), o-axis of [yo][fptk][ao][lr] (qokol), od[fptk \| dlrsmg] (odl), okal variants (okal), okar variants (qokar), otai0-4n (qotaiin) | f67v2 Diagram Center #4 (okoral), f68r3 Star Quadrant #5 (qokcey), f69r Labeled Interior Bar #9 (ceor), f86v3 Jet Figure #3 (cedal, ceear, qotaiin), Rosette #6 Compartment #1 (opcedy), Rosette #6 Compartment #3 (okar), Rosette #6 Compartment #5 (ofcedar), Rosette #6 Compartment #8 Label #2 (lokedcses), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6 Outer Ring (okal), Rosette #6 Picatrix-Like Attachment (oteoly), Rosette #6-7 Bridge Interior East (odl) | 0.16418 |
| 10 | f107v #4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, lceeol), [yo]dy endings (ceeody), a[dlrsmg]am (dalam), o[fptk]ai4n (okaiin, okain, qokaiin, qokain), o[fptk]c + e0-4dy (okcedy), o[tk]e0-4y (okeey, qokeey), o-axis of [yo][fptk][ao][lr] (otol), okal variants (qokal, okal), okar variants (qokar), om + o[fptk \| dlrsmg]am (otam), otai0-4n (otain, qotaiin), yodai0-4r (odar) | f67v2 Diagram Center #4 (okoral), f69r Labeled Interior Bar #9 (ceor), f86v3 Jet Figure #3 (ceeody, qokal, qotaiin), Rosette #6 Compartment #1 (opcedy), Rosette #6 Compartment #3 (okar), Rosette #6 Compartment #4 (opdaram), Rosette #6 Compartment #8 Label #7 (opcedam), Rosette #6 Outer Ring (okal), Rosette #6 Picatrix-Like Attachment (odar), Rosette #6-7 Bridge #2 (oteey) | 0.16351 |
| 11 | f112r #2 | [tk]c-Initial (tceedy), o[fptk]c + e0-4dy (otceedy), o[fptk]e4dy (oteedy, qokedy, okeedy), o[tk]e0-4y (okeey, qokeey, qoteey, oteey, otey), otai0-4n (otaiin) | f86v3 Jet Figure #3 (otaiin, otceedy, qoteey, tceedy), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6-7 Bridge #2 (oteey) | 0.16253 |
| 12 | f104r #2 | [dlrsmg]ai4m (dam), [yo]c + e4o Superclass (yceeody), cedai4[lrsm \| n] (ceedal), o[fptk]ai4n (qokaiin), o[fptk]c + e0-4dy (otceedy, otceedy), o[fptk]e4dy (qokeedy), o-axis of [yo][fptk][ao][lr] (qokol), oe0-4s (cseeos), okal variants (qokal), okar variants (qokar, okar), okor variants (okor), opce0-4dy (opcedy), otai0-4n (qotaiin), otar variants (otar), yodai0-4n (qodain, odaiin), yodai0-4r (odar) | f67v2 Diagram Center #4 (okoral), f67v2 Diagram Exterior 3 (dam), f85r2 Quadrant 3 (qodain), f86v3 Jet Figure #3 (otceedy, qokal, qotaiin), Rosette #6 Compartment #1 (opcedy), Rosette #6 Compartment #3 (okar), Rosette #6 Compartment #5 (ofcedar), Rosette #6 Compartment #6 (otcedy), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6 Outer Ring (odaiiin, otar), Rosette #6 Picatrix-Like Attachment (odar, opacseeefcedy), Rosette #6-7 Bridge Interior West (osy) | 0.16237 |
| 13 | f108r #2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (cear), cedai4[lrsm \| n] (cedar), o[fptk]c + e0-4dy (qokceedy), o[fptk]c + e0-4y (okceey), o[fptk]e4dy (okedy, qokedy, qokeedy, okeedy, otedy, qotedy), o[tk]e0-4y (oteey, qokeey, okeey), o-axis of [yo][fptk][ao][lr] (otol), okar variants (okar) | f67v2 Diagram Center #4 (okoral), f69r Labeled Interior Bar #9 (ceor), f86v3 Jet Figure #3 (ceear, okceey, qokceedy), Rosette #6 Compartment #3 (okar), Rosette #6 Compartment #5 (ofcedar), Rosette #6 Compartment #7 (otedy), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6-7 Bridge #2 (oteey) | 0.15593 |
| 14 | f106r #15 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), ce4a (cear), cedai4[lrsm \| n] (cedal), l-prefix + [fptk\| dlrsmg] + ai4[dlrsmg \| n] (lar), o[fptk]ai4n (okain, qokaiin, qokain), o[fptk]e4dy (qokeedy, otedy), o[tk]e0-4y (oty, qoteey, qoty, oky), okal variants (okal), ol[tk] (olkair), otai0-4n (otaiin), otar variants (otair, otar), yodai0-4n (cseodaiin) | f68r3 Star Quadrant #6 Star #3 (oty), f69r Labeled Interior Bar #9 (ceor), f86v3 Jet Figure #3 (cedal, ceear, lkam, otaiin, qotaiin, qoteey), Rosette #6 Compartment #7 (otedy), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6 Compartment #8 Label #6 (xoltody), Rosette #6 Outer Ring (odaiiin, okal, otar), Rosette #6-7 Bridge #2 (oteey) | 0.15383 |
| 15 | f108r #14 | [fptk]e0-4y (keey), cedai4[lrsm \| n] (cedar), o[fptk]ai4n (qokaiin), o[fptk]e4dy (qokedy, qokeedy, okedy, otedy, oteedy, yteedy), o[tk]e0-4y (okeey, qokeey) | f68v3 Stars #3 (keey), f86v3 Jet Figure #3 (qotaiin), Rosette #6 Compartment #5 (ofcedar), Rosette #6 Compartment #7 (otedy), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6-7 Bridge #2 (oteey) | 0.15131 |
| 16 | f107r #2 | [tk]e4dy (tedy), [tk]e4o (teeody), ceckey relatives (ceckey), cedai4[lrsm \| n] (ceedaiin), o[fptk]ai4n (okaiin, ytaiin, qokain), o[fptk]c + e0-4dy (okceedy), o[fptk]c + e0-4y (okceey), o[fptk]e4dy (okeedy, qokeedy), o[tk]e0-4y (qoteey, oteey), okar variants (qokar), otai0-4n (otaiin), otar variants (otar) | f85r2 Quadrant 3 (tedy), f86v3 Jet Figure #3 (okceey, otaiin, qotaiin, qoteey, teeody), Rosette #6 Compartment #1 (opcedy), Rosette #6 Compartment #3 (okar), Rosette #6 Compartment #5 (ofcedar), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6 Outer Ring (ceckey, otar), Rosette #6-7 Bridge #2 (oteey) | 0.14997 |
| 17 | f113v #7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (ceeody), o[fptk]ai4n (qokaiin, okaiin, okain, ykaiin), oe0-4s (ceeos), okar variants (qokar, okar), ol[yoa] (olal), otar variants (otar) | f69r Labeled Interior Bar #9 (ceor), f86v3 Jet Figure #3 (ceeody, qotaiin), Rosette #6 Compartment #3 (okar), Rosette #6 Outer Ring (otar), Rosette #6 Picatrix-Like Attachment (oteoly), Rosette #6-7 Bridge Interior West (osy) | 0.14967 |
| 18 | f103r #7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), ceckey relatives (ceckey), ep[yoa] (ceepar), o[fptk]ai4n (okain), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (opcey), o[fptk]e4dy (okedy, qokeedy), o[tk]e0-4y (qoky), okal variants (qokal, okaly), otar variants (otar, qotar) | f69r Labeled Interior Bar #9 (ceor), f86v3 Jet Figure #3 (qokal, qotaiin, qotar), Rosette #6 Compartment #1 (opcedy), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6 Outer Ring (ceckey, ceepar, okal, otar), Rosette #6-7 Bridge #2 (oteey) | 0.14883 |
| 19 | f114v #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (ceeody, qoteeody), aro[dlrsmg] (arody), o[fptk]ai4n (okaiin, qokaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (otceey, qotceey), o[fptk]eda[lrsm \| n] (okedaiin), o[tk]e0-4y (okeey, oteey), okal variants (okal), okar variants (qokar), om + o[fptk \| dlrsmg]am (otam), otai0-4n (otaiin, otain, qotaiin), otar variants (qotar), yodai0-4n (odaiin) | f69r Labeled Interior Bar #9 (ceor), f85r2 Quadrant 3 (arody), f86v3 Jet Figure #3 (ceeody, otaiin, qotaiin, qotar), Rosette #6 Compartment #1 (opcedy), Rosette #6 Compartment #3 (okar), Rosette #6 Compartment #4 (opdaram), Rosette #6 Compartment #8 Label #7 (opcedam), Rosette #6 Exterior Label #1 (ofodydy), Rosette #6 Outer Ring (odaiiin, okal), Rosette #6-7 Bridge #2 (oteey) | 0.14856 |
| 20 | f108r #13 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]ce4y (yceey), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]e4dy (otedy, oteedy, okedy, okeedy, qokedy, qokeedy, qotedy), o[tk]e0-4y (qokeey, okeey, okey), okar variants (qokar, okar), ol[yoa] (olal), om + o[fptk\| dlrsmg]am (otam), otai0-4n (otain) | f68r3 Star Quadrant #4 (okey), f68v3 Sides #4 (oceey), f69r Labeled Interior Bar #9 (ceor), f86v3 Jet Figure #3 (ceeody, qotaiin), Rosette #6 Compartment #3 (okar), Rosette #6 Compartment #5 (ofcedar), Rosette #6 Compartment #7 (otedy), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6 Compartment #8 Label #7 (opcedam), Rosette #6 Picatrix-Like Attachment (oteoly), Rosette #6-7 Bridge #2 (oteey) | 0.14606 |
| | | **Rosette #7** | | |
| 1 | f108v #8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [tk]e4dy (tedy), [yo]dy endings (okeody), ce4a (cseeal, ceear), cedai4[lrsm \| n] (ceedaiin, ceedar), o[fptk]ai4n (okain, otaiin, qokain, qotaiin), o[fptk]e4dy (qotedy, qokedy, qokeedy, otedy, oteedy, okeedy), o[tk]e0-4y (okeey, okey, oteey, qokeey, ykeey, ceoteey), oce4y (oceey), okal variants (qokal), olo (olor), yodai0-4n (cseodain) | f68r3 Star Quadrant #7 (otceal, qokeey), f68v1 Exterior Stars #7 (oteodain), f68v2 Star Divider #7 (dceedal), f68v3 Sides #4 (oceey), f69r Labeled Interior Bar #12 (okeey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #5 (cekeedy), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (cseor, okal, olor, otedy, qotedy) | 0.26354 |
| 2 | f111r #2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [yo]dy endings (ceody, oteody, qokeody), ce4a (cear), cedai4[lrsm \| n] (ceedar), ek[yoa] (ceeky), eka (cseekal), o[fptk]ai4n (okain, qokain), o[fptk]c + e0-4dy (qotcedy, qotceedy), o[fptk]c + e0-4y (qotceey), o[fptk]e4dy (qokedy, qokeedy, okeedy, otedy, oteedy), o[tk]e0-4y (oteey, okeey, okey, qokeey, qoky, otey, oty, qoteey, ykeey), oa (soaiin, oaiin), oce4y (oceey), oce4y + infixed versions (ockey), oe0-4s (ceeos), oi (oir), olai0-4n (olaiiin), ora (oraiin, orain), otar variants (otar), yodai0-4n (odaiin) | f68r3 Star Quadrant #7 (otceal, qokeey), f68v1 Exterior Stars #7 (oteodain), f68v2 Star Divider #7 (dceedal), f68v3 Sides #4 (oceey), f69r Labeled Interior Bar #12 (okeey), f69r Labeled Interior Bar #13 (dkocey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #3 (otcedy), Rosette #7 Left Label #4 (okcey), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (ceekaj, cseor, oiin, olaiiin, olkoaiiin, opoeesal, orar, otar, otedy, oty, qotedy) | 0.25555 |
| 3 | f116r #6 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [yo]dy endings (arody), ce4a (cear, cseeal), ek[yoa] (cseeky), o[fptk]ai4n (okain, otain, qokain, qokaiin), o[fptk]c + e0-4y (ytceey), o[fptk]e4dy (otedy, oteedy, oteeedy, qokedy, qokeedy, okeedy), o[tk]e0-4y (okey, qokeey, qoky, otey, otey, oty, qoty), oi (oiin), okal variants (okal, okalain, okaly, qokal), ola (olar), or[yoa] (ory), ora (orain), otar variants (otar, qotar) | f68r3 Star Quadrant #7 (otceal, qokeey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #4 (okcey), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (ceekaj, cseor, oiin, okal, olaiiin, orar, otar, otedy, oty, qotedy) | 0.24963 |
| 4 | f112r #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (dody, ody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]ai4n (otaiin, otain), o[fptk]c + e0-4dy (qotceedy), o[fptk]c + e0-4y (qokcey), o[fptk]e4dy (qokeedy, oteedy), o[tk]e0-4y (oteey, qokeey, oty, okeeey, okeey), oa (oar), okod variants (okody), olai0-4n (olaiin), otar variants (otair, otar), otod variants (otody), x (xar), yodai0-4n | f68r3 Star Quadrant #7 (qokeey), f68v1 Exterior Stars #7 (oteodain), f68v2 Star Divider #7 (dceedal), f69r Labeled Interior Bar #10 (okody), f69r Labeled Interior Bar #12 (okeey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #3 (otcedy), Rosette #7 Left Label #4 (okcey), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (cseor, oar, olaiiin, otar, otodeedy, oty, | 0.23993 |

| | | | | |
|---|---|---|---|---|
| | | (qodain) | qotedy), Rosette #7-8 Bridge Interior #2 (ddsscsex) | |
| 5 | f111v #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [tk]c-Initial (kcey), [tk]e4dy (tedy), ce4a (cseal, ceear), cedai4[lrsm \| n] (ceedar), g (g), o[fptk]ai4n (otain, okaiin, okain, qokaiin, qokain, qotaiin), o[fptk]c + e0-4y (otceey), o[fptk]e4dy (otedy, oteedy, qotedy, qokedy, qokeedy, okedy), o[tk]e0-4y (okeeey, okeey, qokeey), oa (oaiin), okal variants (qokal), otar variants (otar) | f68r3 Star Quadrant #7 (otceal, qokeey), f68v2 Star Divider #7 (dceedal), f68v3 Sides #4 (dkeeeg), f69r Labeled Interior Bar #12 (okeey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #4 (okcey), Rosette #7 Left Label #5 (cekeedy), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (cseor, okal, olkoaiiin, otar, otedy, qotedy, tcseed) | 0.20200 |
| 6 | f112r #2 | [tk]c-Initial (tceedy), o[fptk]ai4n (otaiin), o[fptk]c + e0-4dy (otceedy), o[fptk]e4dy (oteedy, qokedy, okeedy), o[tk]e0-4y (okeey, qokeey, qoteey, oteey, otey) | f68r3 Star Quadrant #7 (qokeey), f69r Labeled Interior Bar #12 (okeey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #3 (otcedy), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (qotedy, tcseed) | 0.19361 |
| 7 | f106r #15 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), ce4a (cear), cedai4[lrsm \| n] (cedal), o[fptk]ai4n (okain, otaiin, qokaiin, qokain), o[fptk]e4dy (qokeedy, otedy), o[tk]e0-4y (oty, qoteey, qoty, oky), okal variants (okal), ol[tk] (olkair), otar variants (otair, otar), yodai0-4n (cseodaiin) | f68r3 Star Quadrant #7 (otceal), f68v1 Exterior Stars #7 (oteodain), f68v2 Star Divider #7 (dceedal), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (cseor, okal, olkoaiiin, otar, otedy, oty, qotedy) | 0.18343 |
| 8 | f112v #1 | [yo]pa (opal), ce4a (ceear), o[fptk]ai4n (okaiin, okain), o[fptk]e4dy (okedy, qokeedy), o[tk]e0-4y (qokeey, qoky, oteey, oty, okeey, okey), oa (oaiin, oar), okal variants (qokal), ora (oraiin), osa (osal) | f68r3 Star Quadrant #7 (otceal, qokeey), f69r Labeled Interior Bar #12 (okeey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (oar, okal, olkoaiiin, orar, otosaiiin, oty, qotedy) | 0.17991 |
| 9 | f108r #8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (cear), cedai4[lrsm \| n] (cedal, cedar), o[fptk]ai4n (okaiin, otaiin), o[fptk]c + e0-4dy (opceedy), o[fptk]e4dy (okedy, qotedy, qokedy, qokeedy), o[fptk]eda[lrsm \| n] (okedam), o[tk]e0-4y (okeey, qokeey), okal variants (okal, qokal) | f68r3 Star Quadrant #7 (otceal, qokeey), f68v2 Star Divider #7 (dceedal), f69r Labeled Interior Bar #12 (okeey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #3 (otcedy), Rosette #7 Outer Ring (cseor, okal, oteedaiiin, qotedy) | 0.17959 |
| 10 | f106v #15 | cedai4[lrsm \| n] (ceedar), o[fptk]ai4n (otaiin, qokaiin, okain), o[fptk]e4dy (qokeedy, otedy, oteedy), o[fptk]eda[lrsm \| n] (okedaiin), o[tk]e0-4y (okeeey, okeey, oky, oteey, oty, ceeyky), okal variants (okal), otar variants (ytar), yodai0-4n (odaiin) | f68v1 Exterior Stars #7 (oteodain), f68v2 Star Divider #7 (dceedal), f69r Labeled Interior Bar #12 (okeey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (okal, otar, otedy, oteedaiiin, oty, qotedy) | 0.17201 |
| 11 | f107v #4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, lceeol), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin, okain, otain, qokaiin, qokain, qotaiin), o[fptk]c + e0-4dy (okcedy), o[tk]e0-4y (okeey, qokeey), okal variants (okal, qokal), yodai0-4r (odar) | f68r3 Star Quadrant #7 (qokeey), f68v2 Star Divider #6 (odair), f69r Labeled Interior Bar #11 (ceeody), f69r Labeled Interior Bar #12 (okeey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #3 (otcedy), Rosette #7 Outer Ring (cseor, okal) | 0.17152 |
| 12 | f108r #13 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]ce4y (yceey), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]ai4n (otain), o[fptk]e4dy (otedy, oteedy, qokedy, qokeedy, qotedy, okedy, okeedy), o[tk]e0-4y (okeey, okey, qokeey), ola (olal) | f68r3 Star Quadrant #7 (qokeey), f68v2 Star Divider #7 (dceedal), f69r Labeled Interior Bar #11 (ceeody), f69r Labeled Interior Bar #12 (okeey), f69r Labeled Interior Bar #13 (dkocey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (cseor, olaiiin, otedy, qotedy) | 0.16995 |
| 13 | f103v #11 | [yo]dy endings (ceeody), o[fptk]ai4n (okaiin, qokaiin, qokain), o[fptk]c + e0-4y (qokcseey, opceey), o[fptk]e4dy (otedy, okedy), o[tk]e0-4y (okeey, okey, otey, oty, qokeey, ykeey), ol[yoa] (oly) | f68r3 Star Quadrant #7 (qokeey), f69r Labeled Interior Bar #11 (ceeody), f69r Labeled Interior Bar #12 (okeey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #4 (okcey), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (olaiiin, otedy, oty, qotedy) | 0.16977 |
| 14 | f106v #8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseor), ce4a (csear), cedai4[lrsm \| n] (cedaiin, cedal), o[fptk]ai4n (qokaiin, qokain, qotaiin), o[fptk]c + e0-4dy (qokcedy), o[fptk]c + e0-4y (qokcey, okcsey), o[fptk]e4dy (okeedy), od[fptk\| dlrsmg] (odl), okal variants (okal), ora (oraiin) | f68r3 Star Quadrant #7 (otceal), f68v2 Star Divider #7 (dceedal), Rosette #6-7 Bridge Interior East (odl), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #3 (otcedy), Rosette #7 Left Label #4 (okcey), Rosette #7 Outer Ring (cseor, okal, orar, qotedy) | 0.16932 |
| 15 | f103r #8 | cedai4[lrsm \| n] (ceedal), o[fptk]ai4n (okain, qokain), o[fptk]c + e0-4dy (opceedy), o[fptk]c + e0-4y (qotcey), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, otey, oty, okeeey, okeey, oky), okal variants (qokal) | f68v2 Star Divider #7 (dceedal), f69r Labeled Interior Bar #12 (okeey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #3 (otcedy), Rosette #7 Left Label #4 (okcey), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (okal, oty, qotedy) | 0.16579 |
| 16 | f114v #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (arody, ceeody, qoteeody), o[fptk]ai4n (okaiin, otaiin, otain, qokaiin, qotaiin), o[fptk]c + e0-4y (otceey, qotceey), o[fptk]eda[lrsm \| n] (okedaiin), o[tk]e0-4y (okeey, oteey), okal variants (okal), otar variants (qotar), yodai0-4n (odaiin) | f68v1 Exterior Stars #7 (oteodain), f69r Labeled Interior Bar #11 (ceeody), f69r Labeled Interior Bar #12 (okeey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #4 (okcey), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (cseor, okal, otar, oteedaiiin) | 0.16562 |
| 17 | f108r #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), o[fptk]ai4n (okain), o[fptk]e4dy (okedy, otedy, qokedy, qokeedy, qotedy), okal variants (qokal) | Rosette #7 Left Label #2 (opaiiino), Rosette #7 Outer Ring (cseor, okal, otedy, qotedy) | 0.16385 |
| 18 | f108r #14 | cedai4[lrsm \| n] (cedar), o[fptk]ai4n (qokaiin), o[fptk]e4dy (qokedy, qokeedy, okedy, otedy, oteedy, yteedy), o[tk]e0-4y (okeey, qokeey) | f68r3 Star Quadrant #7 (qokeey), f68v2 Star Divider #7 (dceedal), f69r Labeled Interior Bar #12 (okeey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Outer Ring (otedy, qotedy) | 0.16374 |
| 19 | f108r #2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (cear), cedai4[lrsm \| n] (cedar), o[fptk]c + e0-4dy (qokceedy), o[fptk]c + e0-4y (okceey), o[fptk]e4dy (okedy, qokedy, qokeedy, otedy, qotedy), o[tk]e0-4y (oteey, qokeey, okeey) | f68r3 Star Quadrant #7 (otceal, qokeey), f68v2 Star Divider #7 (dceedal), f69r Labeled Interior Bar #12 (okeey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #3 (otcedy), Rosette #7 Left Label #4 (okcey), Rosette #7 Outer Ring (cseor, otedy, qotedy) | 0.16220 |
| 20 | f116r #3 | o[fptk]ai4n (qokain), o[fptk]e4dy (qokeedy, otedy, yteedy), o[tk]e0-4y (otey, qokeey, qoteey, okeey) | f68r3 Star Quadrant #7 (qokeey), f69r Labeled Interior Bar #12 (okeey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (otedy, qotedy) | 0.15850 |
| | | **Rosette #8** | | |
| 1 | f108v #8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fptk]e4od + y (okeody), ce4a (cseeal, ceear), ceckey relatives (ceeckey, ceckeey), cedai4[lrsm \| n] (ceedaiin, ceedar), l-prefix + [fptk\| dlrsmg] + ai4[dlrsmg \| n] (lar), o[dlrs]ce4y Superset (olceey), o[fptk]ai4n (otaiin, okain, qokain, qotaiin), o[fptk]e4dy (qotedy, otedy, oteedy, okeedy, qokedy, qokeedy), o[tk]e0-4y (qokeey, okeey, okey, oteey, ykeey, ceoteey), oce4y (oceey), okal variants (qokal), ol[yoa] (olor), otal variants (otal), otam variants (otam), yodai0-4n (cseodain) | f67v2 Diagram Exterior 4 (ceol), f67v2 Protrusion #1 (okeeey), f68r3 Star Quadrant #8 Wand/Branch (ceeol), f68v2 Star Divider #8 (ceoteey), f69r Labeled Interior Bar #14 (ceotal), f85r2 Quadrant 4 (olceey, qokal), f86v3 Jet Figure #4 (ceallar, ceeckey, ceedaiin, cseodain, cseykeeeocey, otam, oteey, qokain, qokedy, qokeey, ykeey, yteedy), Rosette #8 (okcedarar), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Exterior Label #6 (olal), Rosette #8 Exterior Label #7 (dceos), Rosette #8 Outer Ring (lsaiin, okeedy, oteedy) | 0.22916 |
| 2 | f111v #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [tk]c-Initial (kcey), [yo][fptk]e4d (oteed), [yo][fptk]e4o (okeeo), c \| cs + e0-4[dlrsmg] (cseed), ce4a (cseal, ceear), ceckey relatives (ceeckey, ceckeey, ceckey), cedai4[lrsm \| n] (ceedar), l[drs] Prefixes (ldy, ls), l-prefix + [fptk\| dlrsmg]ai4[dlrsmg \| n] (lkam), o[fptk]ai4n (okaiin, okain, otain, qokaiin, qokain, qotaiin), o[fptk]c + e0-4y (otceey), o[fptk]e4dy (otedy, okedy, qotedy, oteedy, qokedy, qokeedy), o[tk]e0-4y (qokeey, okeeey, okeey), oa (oaiin), okal variants (qokal), okc + e4or (okceor), otal variants (otal), otar variants (otar) | f67v2 Diagram Exterior 4 (ceol), f67v2 Protrusion #1 (okeeey), f68r3 Star Quadrant #8 Wand/Branch (ceeol), f69r Labeled Interior Bar #14 (ceotal), f69r Labeled Interior Bar #15 (cseo, okeo), f85r2 Quadrant 4 (ceckey, qokal), f86v3 Jet Figure #4 (ceallar, ceeckey, okceor, otceey, qokaiin, qokain, qokedy, qokeey, tceeod), Rosette #8 (okcedarar), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (cseees, lsaiin, oas, okaiin, okedy, otar, oteed, oteedy) | 0.22108 |
| 3 | f112r #1 | [dlrsmg]ai4m (dam), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]e0-4y (keey), [yo]dy endings (ody), cedai4[lrsm \| n] (ceedal, ceedar), dody (dody), o[fptk][ao]d (okody), o[fptk]ai4n (otaiin, otain), o[fptk]c + e0-4dy (qotceedy), o[fptk]c + e0-4y (qokcey), o[fptk]e4dy (qokeedy, oteedy), o[tk]e0-4y (oteey, okeeey, okeey, qokeey, oty), oa (oar), olai0-4n (olaiin), otal variants (otal), otar variants (otar, otair), otod variants (otody), x (xar), yodai0-4n (qodain) | f67v2 Diagram Exterior 4 (ceol, dam, oar), f67v2 Protrusion #1 (okeeey), f68v2 Stars #8 (ypcey), f69r Labeled Interior Bar #14 (ceotal), f85r2 Quadrant 4 (dody, olaiin, qodain), f86v3 Jet Figure #4 (aceeody, keeey, oteey, qokeey, qotceedy), Rosette #7-8 Bridge Interior #2 (ddsscsex), Rosette #8 (okcedarar), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (otar, otedy, otodr) | 0.21629 |
| 4 | f111r #2 | [dlrsmg]ai4m (dam), [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (dary), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (ceo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [yo][fptk]e4d (oteed), [yo][fptk]e4o (okeeo), [yo][fptk]e4od + y (oteody, qokeody), [yo]dy endings (ceody), c \| cs + e0-4[dlrsmg] (cseed), œa4a (cear), ceckey relatives (ceckeey, ceckey), cedai4[lrsm \| n] (ceedar), el[yoa] (ceeky), eka (cseekal), o[fptk]ai4n (okain, qokain), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qotcedy), o[fptk]c + e0-4dy (qotceedy), o[fptk]c + e0-4y (qotceey), o[fptk]e4dy (otedy, qokedy, qokeedy, oteedy, okeedy), o[tk]e0-4y (oteey, qokeey, okeey, okey, ykeey, qoteey, qoky, otey, oty), o[tk]e4s (otes), oa (soaiin, oaiin), oc[s \| fptk]e4y (ockey), oce4y (oceey), oe0-4s (ceeos), oi (oir), ola (olaiiin), olcey relative (olceedy), om (om), ora (oraiin), orai0-4n (orain), otam variants (otam), otar variants (otar), yodai0-4n (odaiin) | f67v2 Diagram Center #1 (soaiin), f67v2 Diagram Exterior 4 (ceol, dam), f67v2 Protrusion #1 (okeeey), f68r3 Star Quadrant #8 Wand/Branch (ceeol), f68v2 Star Divider #1 (otey), f68v2 Star Divider #8 (dary), f68v2 Stars #8 (ypcey), f68v3 Sides #1 (ceody), f69r Labeled Interior Bar #15 (cseo, okeo), f85r2 Quadrant 4 (ceckey, okees, olceey, orain, qokeody), f86v3 Jet Figure #4 (ceallar, ceeckey, ceeos, cseykeeeocey, ocseeey, otam, oteey, qokain, qokedy, qokeey, qotceedy, ykeey, yteeody), Rosette #7-8 Bridge #1 (soiiin), Rosette #8 (okcedarar), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Exterior Label #3 (ydekam), Rosette #8 Exterior Label #6 (olal), Rosette #8 Outer Ring (cseees, oas, okeedy, olkeeodaiin, om, otar, oteed, oteedy), Rosette #8 Smokestack (orarol) | 0.21145 |
| 5 | f108r #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), ceckey relatives (ceckey), o[fptk]ai4n (okain), o[fptk]e4dy (okedy, qokedy, qokeedy, qotedy, otedy), okal variants (qokal), otal variants (otal) | f69r Labeled Interior Bar #14 (ceotal), f85r2 Quadrant 4 (ceckey, qokal), f86v3 Jet Figure #4 (qokedy), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (cseol, okedy, oteedy) | 0.20432 |
| 6 | f107v #4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ceeody), lc-initial (lceeol), o[fptk]ai4n (okaiin, okain, otain, qokaiin, qokain, qotaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (okcedy), o[tk]e0-4y (okeey, qokeey), o-axis of [yo][fptk][ao][lr] (otol), okal variants (qokal, okal), otal variants (otal), otam variants (otam), yodai0-4r (odar) | f67v2 Diagram Exterior 4 (ceol), f67v2 Protrusion #1 (okeeey), f68v2 Stars #8 (ypcey), f69r Labeled Interior Bar #14 (ceotal), f85r2 Hand-Raisers 4 (lceeol), f85r2 Quadrant 4 (qokal), f86v3 Jet Figure #4 (aceeody, otam, qokaiin, qokain, qokeey), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (odar, okaiin, okal, okor) | 0.20340 |
| 7 | f116r #6 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [fptk]e0-4y (keey), aro[dlrsmg] (arody), ce4a (ceear, cseeal), ceckey relatives (ceckey), do (dol), el[yoa] (cseeky), o[fptk]ai4n (otain, okain, qokaiin, qokain), o[fptk]c + e0-4y (ytceey), o[fptk]e4dy (otedy, oteedy, oteeedy, qokedy, qokeedy, okeedy), o[tk]e0-4y (okey, qokeey, qoky, oteey, otey, oty, qoty), oi (oiin), okal variants (okal, okalain, okaly, qokal), ola (olar), or[yoa] (ory), orai0-4n (orain), otal variants (otal), otam variants (qotam), otar variants (qotar, otar) | f57v Hand-Raiser 4 (daly), f67v2 Diagram Exterior 4 (ceol), f67v2 Protrusion #1 (okeeey), f68r3 Star Quadrant #8 Wand/Branch (ceeol), f68r3 Star Quadrant #8 Wand/Branch Head (doary), f68v2 Star Divider #1 (otey), f68v2 Stars #8 (ypcey), f69r Labeled Interior Bar #14 (ceotal), f69r Labeled Interior Bar #15 (qotam), f85r2 Quadrant 4 (ceckey, orain, qokal), f86v3 Jet Figure #4 (ceallar, keeey, oteey, qokaiin, qokain, qokedy, qokeey), Rosette #7-8 Bridge #1 (soiiin), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Exterior Label #3 (ydekam), Rosette #8 Exterior Label #6 (olal), Rosette #8 Outer Ring (okal, okalol, okeedy, otar, oteedy), Rosette #8 Smokestack (orarol) | 0.19809 |
| 8 | f107v #5 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fptk]e4od + y (qokeody), ceckey relatives (ceckey), l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] (lkam), o[fptk]ai4n (okaiin, otaiin, qokain), o[fptk]e4dy (otedy), okal variants (okal), olai0-4n (olaiin), opai0-4n (opaiin) | f67v2 Diagram Exterior 4 (ceol), f68r3 Star Quadrant #8 Wand/Branch (ceeol), f85r2 Quadrant 4 (ceckey, olaiin, qokeody), f86v3 Jet Figure #4 (opaiin, qokain), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Exterior Label #7 (dceos), Rosette #8 Outer Ring (lsaiin, okaiin, okal, oteedy) | 0.19296 |
| 9 | f112r #2 | [tk]c-Initial (tceedy), o[fptk]ai4n (otaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (otceedy), o[fptk]e4dy (oteedy, qokedy, okeedy), o[tk]e0-4y (okeey, qokeey, qoteey, oteey, otey) | f67v2 Protrusion #1 (okeeey), f68v2 Star Divider #1 (otey), f68v2 Stars #8 (ypcey), f86v3 Jet Figure #4 (oteey, qokedy, qokeey, tceeod), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (okeedy, oteedy) | 0.18470 |

| | | | | |
|---|---|---|---|---|
| 10 | f108r #14 | [fptk]e0-4y (keey), cedai4[lrsm \| n] (cedar), o[fptk]ai4n (qokaiin), o[fptk]e4dy (qokedy, qokeedy, yteedy, okedy, otedy, oteedy), o[tk]e0-4y (okeey, qokeey) | f67v2 Protrusion #1 (okeeey), f86v3 Jet Figure #4 (keeey, qokaiin, qokedy, qokeey, yteedy), Rosette #8 Outer Ring (cedar, okedy, oteedy) | 0.18247 |
| 11 | f112r #9 | [yo][fptk]e4od + y (okeody), o[fptk]ai4n (okaiin, qokaiin), o[fptk]e4dy (oteedy, okedy, okeedy), o[tk]e0-4y (okeey, qoky), okal variants (okal) | f67v2 Protrusion #1 (okeeey), f86v3 Jet Figure #4 (qokaiin, yteeody), Rosette #8 Outer Ring (okaiin, okal, okedy, okeedy, oteedy) | 0.18077 |
| 12 | f107r #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (ceo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), o[fptk]ai4n (okaiin, qokaiin, qokain, qotaiin), oe sans oy + oe4y, oe0-4s (oeedy), oi (oiin), okal variants (qokal, okal), ol[tk] (olkar), opce0-4dy (opceedy), ora (orar), otal variants (otal), otam variants (otam), otar variants (otair) | f68r3 Star Quadrant #8 Wand/Branch (ceeol), f69r Labeled Interior Bar #14 (ceotal), f69r Labeled Interior Bar #15 (cseo), f85r2 Quadrant 4 (qokal), f86v3 Jet Figure #4 (olkar, opceedy, otam, qokaiin, qokain), Rosette #7-8 Bridge #1 (soiiin), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Exterior Label #2 (yoe**ais), Rosette #8 Outer Ring (okaiin, okal, otar), Rosette #8 Smokestack (orarol) | 0.17941 |
| 13 | f113v #7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin, okain, qokaiin, ykaiin), oe0-4s (ceeos), ola (olal), otal variants (otal), otar variants (otar) | f68r3 Star Quadrant #8 Wand/Branch (ceeol), f69r Labeled Interior Bar #14 (ceotal), f86v3 Jet Figure #4 (aceeody, ceeos, qokaiin, ykaiin), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Exterior Label #6 (olal), Rosette #8 Outer Ring (okaiin, otar) | 0.17447 |
| 14 | f108r #5 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol, cseor), ceckey relatives (ceckey), o[fptk]ai4n (okain, qokaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (opcedy), o[fptk]c + e0-4dy (okceedy), o[tk]e0-4y (qokeey), oe sans oy + oe4y, oe0-4s (qoeedy), ofal variants (ofal), okal variants (qokal), ol[tk] (olkaiin), orai0-4n (orain) | f67v2 Diagram Exterior 4 (ofal), f68v2 Stars #8 (ypcey), f85r2 Quadrant 4 (ceckey, orain, qokal), f86v3 Jet Figure #4 (cseor, okceedy, qokaiin, qokeey), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Exterior Label #2 (yoe**ais), Rosette #8 Outer Ring (cseol, olkeeodaiin) | 0.16975 |
| 15 | f108r #8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (cear), cedai4[lrsm \| n] (cedal, cedar), o[fptk]ai4n (okaiin, otaiin), o[fptk]e4dy (okedy, qotedy, qokedy, qokeedy), o[fptk]eda[lrsm \| n] (okedam), o[tk]e0-4y (qokeey, okeey), okal variants (qokal, okal), opce0-4dy (opceedy) | f67v2 Protrusion #1 (okeeey), f68r3 Star Quadrant #8 Wand/Branch (ceeol), f85r2 Quadrant 4 (qokal), f86v3 Jet Figure #4 (ceallar, opceedy, qokedy, qokeey), Rosette #8 (okcedarar), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (cedar, okaiin, okal, okedy, otdar, oteedy) | 0.16877 |
| 16 | f106v #8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseor), c \| cs + e0-4[dlrsmg] (csed), ce4a (csear), cedai4[lrsm \| n] (cedaiin, cedal), o[fptk]ai4n (qokaiin, qokain, qotaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qokcedy), o[fptk]c + e0-4y (qokcey, okcsey), o[fptk]e4dy (okeedy), o-axis of [yo][fptk][ao][lr] (qokol), od[fptk \| dlrsmg] (odl), okal variants (okal), ora (oraiin) | f67v2 Diagram Exterior 4 (ceol), f68v2 Stars #8 (ypcey), f86v3 Jet Figure #4 (ceallar, cseor, qokaiin, qokain), Rosette #8 (okcedarar), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Exterior Label #7 (dceos), Rosette #8 Outer Ring (cseees, okal, okeedy, okor, otodr), Rosette #8 Smokestack (orarol) | 0.16833 |
| 17 | f107v #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), o[fptk]ai4n (otaiin, okaiin, okain, qokaiin, ykaiin), o[fptk]c + e0-4y (otceey), o[fptk]e4dy (okedy), oa (oaiin), orai0-4n (orain), yodai0-4n (qodaiin, odain) | f67v2 Diagram Exterior 4 (ceol), f85r2 Quadrant 4 (orain), f86v3 Jet Figure #4 (otceey, qodaiin, qokaiin, ykaiin), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (oas, okaiin, okedy, olkeeodaiin) | 0.16771 |
| 18 | f103r #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), ety (cseety), o[fptk]ai4n (okaiin), o[fptk]e4dy (otedy, qokedy), o[tk]e0-4y (oteey, okeey), okal variants (qokal), opce0-4dy (opceedy), ora (oraiin) | f67v2 Diagram Exterior 4 (ceol), f67v2 Protrusion #1 (okeeey), f68v1 Exterior Stars #8 (cpceety), f85r2 Quadrant 4 (qokal), f86v3 Jet Figure #4 (opceedy, oteey, qokedy), Rosette #8 Outer Ring (okaiin, oteedy), Rosette #8 Smokestack (orarol) | 0.16583 |
| 19 | f103v #11 | [yo]dy endings (ceeody), c \| cs + e0-4[dlrsmg] (csed), ceckey relatives (ceeckey), o[fptk]ai4n (okaiin, qokaiin, qokain), o[fptk]c + e0-4y (qokcseey), o[fptk]e4dy (otedy, okedy), o[tk]e0-4y (okeey, okey, otey, oty, qokeey, ykeey), ol[yo]a (oly), opce0-4y (opceey), otal variants (otaly) | f67v2 Protrusion #1 (okeeey), f68v2 Star Divider #1 (otey), f68v2 Stars #8 (ypcey), f69r Labeled Interior Bar #14 (ceotal), f85r2 Quadrant 4 (qokcseey), f86v3 Jet Figure #4 (aceeody, ceeckey, qokaiin, qokain, qokeey, ykeey), Rosette #8 Exterior Label #6 (olal), Rosette #8 Outer Ring (cseees, okaiin, okedy, oteedy) | 0.16524 |
| 20 | f103r #8 | ceckey relatives (ceckeey), cedai4[lrsm \| n] (ceedal), o[fptk]ai4n (okain, qokain), o[fptk]c + e0-4y (qotcey), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, otey, oty, okeeey, okeey, oky), okal variants (qokal), opce0-4dy (opceedy) | f67v2 Protrusion #1 (okeeey), f68v2 Star Divider #1 (otey), f68v2 Stars #8 (ypcey), f85r2 Quadrant 4 (qokal), f86v3 Jet Figure #4 (ceeckey, opceedy, oteey, qokain), Rosette #8 (okcedarar), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (oteedy) | 0.16298 |
| | | **Rosette #9** | | |
| 1 | f116r #6 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), [yo]dy endings (arody), ce4a (ceear, cseal), o[fptk]ai4n (okain, otain, qokaiin, qokain), o[fptk]c + e0-4y (ytceey), o[fptk]e4dy (qokedy, qokeedy, otedy, oteedy, oteeedy, okeedy), o[lr]a (oain), o[lr]y (ory), oi (oiin), okal variants (okal, okalain, okaly, qokal), okar variants (okar), ola (olar), om + o[fptk \| dlrsmg]am (qotam) | Rosette #9 Canister #4 (ary), Rosette #9 Center #17 (otedy), Rosette #9 Center #19 (sody), Rosette #9 Center #7 (oteedy), Rosette #9 Outer Ring Sentence #1 (cseax, oir, okal, otcsee, oteeedy), Rosette #9 Outer Ring Sentence #2 (okaiiin, okar, olar, oly, om) | 0.20399 |
| 2 | f111r #2 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (dary), [yo][fptk]e4od + y (oteody, qokeody), [yo]dy endings (ceody), ce4a (cear), cedai4[lrsm \| n] (ceedar), o[fptk]ai4n (qokain, okain), o[fptk]c + e0-4dy (qotcedy, qotceedy), o[fptk]c + e0-4y (qotceey), o[fptk]e4dy (qokedy, qokeedy, okeedy, otedy, oteedy), o[lr]a (oraiin, orain), o[tk]e4s (otes), oa (soaiin, oaiin), oe0-4s (ceeos), oi (oir), okar variants (okar), ola (olaiiin), om (om), om + o[fptk \| dlrsmg]am (otam), yodai0-4n (odaiin) | Rosette #9 Canister #4 (ary), Rosette #9 Canister #5 (opcedaiiin), Rosette #9 Center #17 (otedy), Rosette #9 Center #19 (sody), Rosette #9 Center #7 (oteedy), Rosette #9 Outer Ring Sentence #1 (cseax, oir, osoa, otcsee, oteeedy, otes, yqos), Rosette #9 Outer Ring Sentence #2 (odaiiin, okaiiin, okar, okcedy, okeody, olar, om) | 0.19793 |
| 3 | f111v #1 | ce4a (ceear, cseal), cedai4[lrsm \| n] (ceedar), Consonant Clusters (ls), g (g), o[fptk]ai4n (okaiin, okain, otain, qokaiin, qokain, qotaiin), o[fptk]c + e0-4y (otceey), o[fptk]e4dy (otedy, oteedy, qokedy, qokeedy, qotedy, okedy), oa (oaiin), okal variants (qokal), okar variants (okar) | Rosette #9 Canister #5 (opcedaiiin), Rosette #9 Center #12 (dgl), Rosette #9 Center #13 (dtedg), Rosette #9 Center #17 (otedy), Rosette #9 Center #7 (oteedy), Rosette #9 Outer Ring Sentence #1 (cseax, okal, osoa, otcsee, oteeedy), Rosette #9 Outer Ring Sentence #2 (okaiiin, okar) | 0.16695 |
| 4 | f108r #10 | o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, otedy, qokedy, qokeedy, qotedy), okal variants (qokal), okar variants (okar) | Rosette #9 Center #17 (otedy), Rosette #9 Outer Ring Sentence #1 (okal, oteeedy), Rosette #9 Outer Ring Sentence #2 (okaiiin, okar) | 0.16664 |
| 5 | f104r #11 | [yo][fptk]e4od + y (oteody), [yo]pa (opam), o[fptk]ai4n (qokaiin, okaiin), o[fptk]c + e0-4dy (qotcedy), o[lr]a (oraiin), okal variants (okal), okar variants (okar) | Rosette #9 Center #9 (ypal), Rosette #9 Outer Ring Sentence #1 (okal), Rosette #9 Outer Ring Sentence #2 (okaiiin, okar, okcedy, okeody, olar) | 0.16342 |
| 6 | f108v #2 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (dady), cedai4[lrsm \| n] (ceedal), o[fptk]c + e0-4dy (otceedy), o[fptk]e4dy (oteedy, qokedy, qokeedy, okedy, okeedy), o[fptk]eda[lrsm \| n] (otedal), okal variants (qokal, okal), okar variants (okar, okair, qokar), ol[tk] (ceolkain), om (om) | Rosette #9 Canister #3 (otedaiiin), Rosette #9 Canister #4 (ary), Rosette #9 Canister #5 (opcedaiiin), Rosette #9 Center #7 (oteedy), Rosette #9 Outer Ring Sentence #1 (okal, oteeedy), Rosette #9 Outer Ring Sentence #2 (okar, okcedy, olkalor, om) | 0.16081 |
| 7 | f112r #10 | o[fptk]ai4n (okaiiin), o[fptk]c + e0-4dy (okceedy), o[fptk]c + e0-4y (okceey, okcey, qokcey), o[fptk]e4dy (otedy), o[lr]y (ory), okal variants (qokal, okal), okar variants (okar), opal variants (opal) | Rosette #9 Center #17 (otedy), Rosette #9 Center #9 (ypal), Rosette #9 Outer Ring Sentence #1 (okal, otcsee), Rosette #9 Outer Ring Sentence #2 (okaiiin, okar, okcedy, oly) | 0.15714 |
| 8 | f108v #8 | [yo][fptk]e4od + y (okeody), ce4a (cseeal, ceear), cedai4[lrsm \| n] (ceedaiin, ceedar), o[fptk]ai4n (okain, otaiin, qokain, qotaiin), o[fptk]e4dy (qotedy, qokedy, qokeedy, otedy, oteedy, okeedy), okal variants (qokal), ol[yo]a (olor), om + o[fptk \| dlrsmg]am (otam), yodai0-4n (cseodain) | Rosette #9 Canister #5 (opcedaiiin), Rosette #9 Center #17 (otedy), Rosette #9 Center #7 (oteedy), Rosette #9 Outer Ring Sentence #1 (cseax, okal, oteeedy), Rosette #9 Outer Ring Sentence #2 (odaiiin, okaiiin, okeody, olar, om) | 0.15598 |
| 9 | f108r #13 | [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]ai4n (otain), o[fptk]e4dy (otedy, oteedy, okedy, okeedy, qokedy, qokeedy, qotedy), okar variants (okar, qokar), ola (olal), om + o[fptk \| dlrsmg]am (otam) | Rosette #9 Canister #5 (opcedaiiin), Rosette #9 Center #17 (otedy), Rosette #9 Center #19 (sody), Rosette #9 Center #7 (oteedy), Rosette #9 Outer Ring Sentence #1 (oteeedy), Rosette #9 Outer Ring Sentence #2 (okaiiin, okar, olar, om) | 0.15313 |
| 10 | f112r #1 | [yo]dy endings (dody, ody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]ai4n (otaiin, otain), o[fptk]c + e0-4dy (qotceedy), o[fptk]c + e0-4y (qokcey), o[fptk]e4dy (qokeedy, oteedy), oa (oar), okod variants (okody), ola (olaiin), otod variants (otody), x (xar), yodai0-4n (qodain) | Rosette #9 Canister #2 (socsexor), Rosette #9 Canister #5 (opcedaiiin), Rosette #9 Center #19 (sody), Rosette #9 Center #7 (oteedy), Rosette #9 Outer Ring Sentence #1 (okody, osoa, otcsee, oteeedy, qotod), Rosette #9 Outer Ring Sentence #2 (odaiiin, okaiiin, okcedy, olar) | 0.15061 |
| 11 | f104r #1 | [yo][fptk]e4od + y (yteeody), ce4a (cear), cedai4[lrsm \| n] (ceedal, cseedaiin), o[fptk]e4dy (otedy, oteedy, qokeedy), oa (oar), oe0-4s (os), okal variants (okal), otod variants (otody), yodai0-4n (qodaiin) | Rosette #9 Canister #5 (opcedaiiin), Rosette #9 Center #17 (otedy), Rosette #9 Center #7 (oteedy), Rosette #9 Outer Ring Sentence #1 (cseax, okal, osoa, oteeedy, qotod), Rosette #9 Outer Ring Sentence #2 (odaiiin, okeody, os) | 0.14751 |
| 12 | f107v #4 | [yo]dy endings (ceeody), o[fptk]ai4n (okaiin, okain, qokaiin, qokain, qotaiin, otain), o[fptk]c + e0-4dy (okcedy), okal variants (qokal, okal), okar variants (qokar), om + o[fptk \| dlrsmg]am (otam), yodai0-4r (odar) | Rosette #9 Canister #1 (otdodar), Rosette #9 Center #19 (sody), Rosette #9 Outer Ring Sentence #1 (okal), Rosette #9 Outer Ring Sentence #2 (okaiiin, okar, okcedy, om) | 0.14671 |
| 13 | f108r #14 | cedai4[lrsm \| n] (cedar), o[fptk]ai4n (qokaiin), o[fptk]e4dy (qokedy, qokeedy, yteedy, okedy, otedy, oteedy) | Rosette #9 Canister #5 (opcedaiiin), Rosette #9 Center #17 (otedy), Rosette #9 Center #7 (oteedy), Rosette #9 Outer Ring Sentence #1 (oteeedy), Rosette #9 Outer Ring Sentence #2 (okaiiin) | 0.14615 |
| 14 | f112r #9 | [yo][fptk]e4od + y (okeody), o[fptk]ai4n (okaiin, qokaiin), o[fptk]e4dy (oteedy, okedy, okeedy), okal variants (okal) | Rosette #9 Center #7 (oteedy), Rosette #9 Outer Ring Sentence #1 (okal, oteeedy), Rosette #9 Outer Ring Sentence #2 (okaiiin, okeody) | 0.14510 |
| 15 | f107v #5 | [yo][fp]ai0-4[rn] (opaiin), [yo][fptk]e4od + y (qokeody), o[fptk]ai4n (qokain, otaiin, okaiin), o[fptk]e4dy (otedy), okal variants (okal), okar variants (qokar), ola (olaiin) | Rosette #9 Center #17 (otedy), Rosette #9 Outer Ring Sentence #1 (okal), Rosette #9 Outer Ring Sentence #2 (ofair, okaiiin, okar, okeody, olar) | 0.13960 |
| 16 | f106v #8 | ce4a (csear), cedai4[lrsm \| n] (cedaiin, cedal), o[fptk]ai4n (qokaiin, qokain, qotaiin), o[fptk]c + e0-4dy (qokcedy), o[fptk]c + e0-4y (qokcey, okcsey), o[fptk]e4dy (okeedy), o[lr]a (oraiin), okal variants (okal), okar variants (qokar) | Rosette #9 Canister #5 (opcedaiiin), Rosette #9 Outer Ring Sentence #1 (okal, otcsee, oteeedy), Rosette #9 Outer Ring Sentence #2 (csear, okaiiin, okar, okcedy, olar) | 0.13753 |
| 17 | f108r #8 | ce4a (cear), cedai4[lrsm \| n] (cedal, cedar), o[fptk]ai4n (okaiin, otaiin), o[fptk]c + e0-4dy (opceedy), o[fptk]e4dy (okedy, qokedy, qokeedy, qotedy), o[fptk]eda[lrsm \| n] (okedam), okal variants (qokal, okal) | Rosette #9 Canister #3 (otedaiiin), Rosette #9 Canister #5 (opcedaiiin), Rosette #9 Outer Ring Sentence #1 (cseax, okal, oteeedy), Rosette #9 Outer Ring Sentence #2 (okaiiin, okcedy) | 0.13665 |
| 18 | f113v #7 | [yo]dy endings (ceeody), o[fptk]ai4n (okaiin, okain, qokaiin, ykaiin), oe0-4s (ceeos), okar variants (okar, qokar), ola (olal) | Rosette #9 Center #19 (sody), Rosette #9 Outer Ring Sentence #1 (osoa), Rosette #9 Outer Ring Sentence #2 (okaiiin, okar, olar) | 0.13508 |
| 19 | f114v #12 | [yo][fptk]e4od + y (qoteeody), [yo]dy endings (arody, ceeody), o[fptk]ai4n (okaiin, otaiin, otain, qokaiin, qotaiin), o[fptk]c + e0-4y (qotceey, otceey), o[fptk]eda[lrsm \| n] (okedaiin), okal variants (okal), okar variants (qokar), om + o[fptk \| dlrsmg]am (otam), yodai0-4n (odaiin) | Rosette #9 Canister #3 (otedaiiin), Rosette #9 Center #19 (sody), Rosette #9 Outer Ring Sentence #1 (okal, otcsee), Rosette #9 Outer Ring Sentence #2 (odaiiin, okaiiin, okar, okeody, om) | 0.13472 |
| 20 | f104r #2 | [yo]dy endings (yceeeody), cedai4[lrsm \| n] (ceedal), o[fptk]ai4n (qokaiin, qotaiin), o[fptk]c + e0-4dy (opcedy, otcedy, otceedy), o[fptk]e4dy (qokeedy), oe0-4s (cseeos), okal variants (qokal), okar variants (qokar, okar), yodai0-4n (qodain, odaiin), yodai0-4r (odar) | Rosette #9 Canister #1 (otdodar), Rosette #9 Canister #5 (opcedaiiin), Rosette #9 Center #19 (sody), Rosette #9 Outer Ring Sentence #1 (okal, osoa, oteeedy), Rosette #9 Outer Ring Sentence #2 (odaiiin, okaiiin, okar, okcedy) | 0.13381 |

Table 31.14: Highest Ranked Rosette Lines for All 293 Section 5 Text Sequences

| Folio | Rosette Line | Section 5 Word Categories | Associated Rosette Line Figures | Score |
|---|---|---|---|---|
| f103r #1 | 5 | [ao][lr][ao][lr] Pipe/Flow (orol), ceckey relatives (ceckey), cedai4[lrsm \| n] (cedar, ceedar), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (otcey), o[fptk]c + e0-4dy (opceedy), o[fptk]e4dy (okedy, qokedy), o[tk]e0-4y (okey, qokeey, qoteey, otey), okol variants (okol), otar variants (otar) | f68r3 Star Quadrant #4 (okol), f68v3 Sides #3 (ceckey), f69r Labeled Interior Bar #5 (okey), Rosette #5 Compartment #3 (okcedy), Rosette #5 Compartment #5 (okedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (otar, sarol, yky) | 0.13857 |
| f103r #2 | 2 | o[fptk]e4dy (okeedy, qotedy), o[tk]e0-4y (okey, oteey, qokeey), oe sans oy + oe4y, oe0-4s (qoeedy), sai4n (sain, san) | f67v2 Diagram Exterior 1 (san), f85r2 Quadrant 1 (sain), f86v3 Jet Figure #1 (qoeedy), Rosette #2 Interior Ring (yky), Rosette #2 Outer Ring (okeedy, oteoteedy) | 0.07775 |
| f103r #3 | 7 | ce4a (csear), ety (ceety), o[fptk]ai4n (okain, otaiin, otain), o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (okeey, okey, oteey, otey), oe0-4s (oteeos), okal variants (okal), otar variants (qotar) | f68r3 Star Quadrant #7 (otceal), f68v1 Exterior Stars #8 (cpceety), f69r Labeled Interior Bar #12 (okeey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (okal, otar, otedy, otosaiiin, qotedy) | 0.13434 |
| f103r #4 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [tk]c-Initial (tcsedy), ceckey relatives (ceeckey), o[fptk]ai4n (okain, qokain), o[fptk]e4dy (qotedy), o[tk]e0-4y (qokeey, qoky, okeey), okar variants (qokar) | f67v2 Diagram Exterior 2 (okeey), f85r2 Quadrant 2 (qokar), f86v3 Jet Figure #2 (ceeeor, qokeey, qoky, ytaiin), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #6 (tcsedy), Rosette #4 Outer Ring (ceckey) | 0.13129 |
| f103r #5 | 5 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (dcseol), [tk]c-Initial (tceey), ceckey relatives (ceckey), o[fptk]e4dy (oteedy), o[tk]e0-4y (oty, okeey, qokeey), okal variants (qokal) | f68r3 Star Quadrant #5 (dcseol), f68v1 Exterior Stars #5 (okeey), f68v3 Sides #3 (ceckey), f68v3 Stars #3 (qokal), Rosette #5 Compartment #7 (oteedy), Rosette #5 Outer Ring (kceedy, yky) | 0.13956 |
| f103r #6 | 8 | o[fptk]ai4n (okaiin, okain, qokaiin, qokain), o[tk]e0-4y (oteey), okal variants (qokal), ol[yoa] (olor) | f85r2 Quadrant 4 (qokal), f86v3 Jet Figure #4 (oteey, qokaiin, qokain), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Exterior Label #6 (olal), Rosette #8 Outer Ring (okaiin) | 0.14489 |
| f103r #7 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), ceckey relatives (ceckey), e[fp][yoa] (ceepar), o[fptk]ai4n (okain), o[fptk]e4dy (qokeedy, okedy), o[tk]e0-4y (qoky), okal variants (okaly, qokal), opce0-4y (opcey), otal variants (otal), otar variants (otar, qotar) | f57v Diagram Center #2 (okaly), f86v3 Jet Figure #2 (ceeeor, qoky, ytaiin), Rosette #4 Compartment #2 (ceefaiiin), Rosette #4 Compartment #4 (opceey, oteedy), Rosette #4 Compartment #7 (qokal), Rosette #4 Outer Ring (ceckey, otal, otar) | 0.15431 |
| f103r #8 | 4 | ceckey relatives (ceckeey), cedai4[lrsm \| n] (ceedal), o[fptk]ai4n (okain, qokain), o[fptk]c + e0-4y (qotcey), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, otey, oty, okeeey, okeey, oky), okal variants (qokal), opce0-4dy (opceedy) | f67v2 Diagram Exterior 2 (okeey), f85r2 Quadrant 2 (ceckeey, oteey), f86v3 Jet Figure #2 (qotcey, ytaiin), Rosette #4 Compartment #3 (oky), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #7 (qokal), Rosette #4 Compartment #8 (ceeyky, opceedy), Rosette #4 Outer Ring (ceedal) | 0.18122 |
| f103r #9 | 7 | [tk]c-Initial (tceey), o[fptk]ai4n (okaiin, otain), o[fptk]c + e0-4y (qokcey), o[tk]e0-4y (qokeey, okeey) | f68r3 Star Quadrant #7 (qokeey), f69r Labeled Interior Bar #12 (okeey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #4 (okcey), Rosette #7 Outer Ring (tcseed) | 0.13840 |
| f103r #10 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), ety (cseety), o[fptk]ai4n (okaiin), o[fptk]e4dy (otedy, qokedy), o[tk]e0-4y (oteey, okeey), okal variants (qokal), opce0-4dy (opceedy), ora (oraiin) | f67v2 Diagram Exterior 4 (ceol), f67v2 Protrusion #1 (okeeey), f68v1 Exterior Stars #8 (cpceety), f85r2 Quadrant 4 (qokal), f86v3 Jet Figure #4 (opceedy, oteey, qokedy), Rosette #8 Outer Ring (okaiin, oteedy), Rosette #8 Smokestack (orarol) | 0.16583 |
| f103r #11 | 8 | o[fptk]e4dy (yteedy), o[tk]e0-4y (qokeey) | f86v3 Jet Figure #4 (qokeey, yteedy) | 0.05350 |
| f103r #12 | 2 | o[fptk]e4dy (okeedy, ykeedy, qokeedy), o[tk]e0-4y (qokeey, otey) | f86v3 Jet Figure #1 (otey, qokeedy), Rosette #2 Interior Ring (yky), Rosette #2 Outer Ring (okeedy, ykeedy) | 0.13321 |
| f103r #13 | 8 | ceckey relatives (ceckey, ceeckey), o[fptk]ai4n (qokain), o[fptk]e4dy (qokeedy, ykeedy), o[tk]e0-4y (okeey, oteey, qokeey) | f67v2 Protrusion #1 (okeeey), f85r2 Quadrant 4 (ceckey, ykeedy), f86v3 Jet Figure #4 (ceeckey, oteey, qokain, qokeey), Rosette #8 Outer Ring (oteedy) | 0.14749 |
| f103r #14 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), o[fptk]e4dy (otedy, oteedy, qokeedy), o[tk]e0-4y (qokeey, qoteey), okal variants (qokal), otam variants (otam) | f67v2 Protrusion #1 (okeeey), f68r3 Star Quadrant #8 Wand/Branch (ceeol), f69r Labeled Interior Bar #15 (cseo), f85r2 Quadrant 4 (qokal), f86v3 Jet Figure #4 (otam, qokeey), Rosette #8 Outer Ring (oteedy) | 0.11681 |
| f103r #15 | 4 | ce4a (cseeal), o[fptk]ai4n (qokaiin), o[tk]e0-4y (qokeey, cseokey), okal variants (qokal) | f86v3 Jet Figure #2 (qokaiin, qokeey), Rosette #4 Compartment #7 (qokal), Rosette #4 Compartment #8 (ceeyky), Rosette #4-5 Bridge #2 (cseeal) | 0.13132 |
| f103r #16 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, cseol), [fptk]e0-4y (keey), o[fptk]e4dy (oteedy, qokeedy), o[tk]e0-4y (qokeey) | f67v2 Diagram Exterior 4 (ceol), f68r3 Star Quadrant #8 Wand/Branch (ceeol), f86v3 Jet Figure #4 (keeey, qokeey), Rosette #8 Outer Ring (cseol, oteedy) | 0.13749 |
| f103r #17 | 7 | [tk]c-Initial (kcey), o[fptk]ai4n (qokain), o[fptk]e4dy (qokeedy), o[tk]e0-4y (qokeey, qoky, okeey) | f68r3 Star Quadrant #7 (qokeey), f69r Labeled Interior Bar #12 (okeey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (qotedy, tcseed) | 0.10972 |
| f103r #18 | 4 | o[fptk]ai4n (qokaiin), o[fptk]e4dy (qokedy), o[tk]e0-4y (qokeey, qoty, oteey), otal variants (otal) | f85r2 Quadrant 2 (oteey), f86v3 Jet Figure #2 (qokaiin, qokeey, qoty), Rosette #4 Compartment #2 (qokedy), Rosette #4 Outer Ring (otal) | 0.16060 |
| f103v #1 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor), ceckey relatives (ceckey), o[fptk]ai4n (qokain), o[fptk]e4dy (okeedy, qokeedy, ykeedy), o[tk]e0-4y (qokeey, qoky, qoty, okeey), okal variants (qokal), olf (olfceey) | f67v2 Diagram Exterior 2 (okeey), f86v3 Jet Figure #2 (ceeeor, olfceey, qokeey, qoky, qoty, ytaiin), Rosette #4 Compartment #1 (okeedy), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #7 (qokal), Rosette #4 Outer Ring (ceckey) | 0.15733 |
| f103v #2 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), ek[yoa] (ceeky), o[fptk]ai4n (qokaiin, qokain, okaiin), o[fptk]e4dy (qokeedy, qotedy), o[tk]e0-4y (qoky, okeey, oteey), ol[yoa] (oly) | f69r Labeled Interior Bar #12 (okeey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (ceekaj, cseor, olaiiin, qotedy) | 0.14577 |
| f103v #3 | 1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseor), c \| cs + e0-4[dlrsmg] (cseed), l[drs] Prefixes (ldy), o[fptk]ai4n (okain), o[fptk]c + e0-4dy (qotceedy), o[fptk]e4dy (otedy, qokeedy), o[tk]e0-4y (qoky, okeey), okal variants (qokal) | f67v2 North-Oriented Text (dceeeor), Rosette #1 Outer Ring (ceedces, ldy, okain, okcedy, otedy, ykal, yky), Rosette #1 Quadrant #4 (okedy) | 0.12665 |
| f103v #4 | 4 | ce4a (cseeal), o[fptk]e4dy (okeedy), o[tk]e0-4y (okeey, otey, qokeey) | f67v2 Diagram Exterior 2 (okeey), f86v3 Jet Figure #2 (qokeey), Rosette #4 Compartment #1 (okeedy), Rosette #4 Compartment #8 (ceeyky), Rosette #4-5 Bridge #2 (cseeal) | 0.07914 |
| f103v #5 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), ce4a (cear), o[dlrs]ce4y Superset (olceey), o[fptk]ai4n (otain, qokain), o[fptk]e4dy (qokeedy, oteedy), otal variants (otaly), otam variants (otam), otar variants (otar) | f69r Labeled Interior Bar #14 (ceotal), f69r Labeled Interior Bar #15 (cseo), f85r2 Quadrant 4 (olceey), f86v3 Jet Figure #4 (cealkar, otam, qokain), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (otar, oteedy) | 0.13540 |
| f103v #6 | 4 | ce4a (cealkar, cear), ceckey relatives (ceckey), o[fptk]e4dy (qokeedy, oteedy), o[tk]e0-4y (qoteey), okal variants (qokal), olai0-4n (olaiin), opce0-4dy (opceedy), oro (orol), otal variants (otal) | f67v2 Protrusion #3 (cear), f86v3 Jet Figure #2 (qoteey), Rosette #4 Compartment #4 (olaiiin, oteedy), Rosette #4 Compartment #7 (qokal), Rosette #4 Compartment #8 (opceedy), Rosette #4 Outer Ring (ceckey, oror, otal), Rosette #4-5 Bridge #2 (cseeal) | 0.15828 |
| f103v #7 | 4 | ce4a (cear), o[fptk]ai4n (okain), o[tk]e0-4y (qokeey), otar variants (otar) | f67v2 Protrusion #3 (cear), f86v3 Jet Figure #2 (qokeey, ytaiin), Rosette #4 Outer Ring (otar) | 0.13879 |
| f103v #8 | 4 | ce4a (cseal), o[fptk\| dlrsmg][ao]m (otam), o[fptk]ai4n (qokain), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, oty, qokeey, qoty, ykeey, yteey), opar variants (opar), otai0-4n (otain), otal variants (otal) | f85r2 Quadrant 2 (oteey, qotaiin), f86v3 Jet Figure #2 (qokeey, qoty, ytaiin, yteey), Rosette #4 Compartment #4 (opam, opar, oteedy), Rosette #4 Compartment #8 (ceeyky), Rosette #4 Outer Ring (otal), Rosette #4-5 Bridge #2 (cseeal) | 0.12204 |
| f103v #9 | 7 | [ao][lr][ao][lr] Pipe/Flow (arar), c-sequence + e4 + [fptk] + e4 + y (ceekey), o[fptk]ai4n (okain), o[fptk]e4dy (okeedy, otedy), o[tk]e0-4y (qokeey, ykeey, okeey), otar variants (otar, qotar) | f68r3 Star Quadrant #7 (qokeey), f69r Labeled Interior Bar #12 (okeey), Rosette #6-7 Bridge #1 (depceeky), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (orar, otar, otedy, qotedy) | 0.14891 |
| f103v #10 | 4 | ce4a (cseal), ceckey relatives (ceckey), o[fptk]ai4n (okain), o[fptk]e4dy (otedy), o[tk]e0-4y (qokeey, okeey), opce0-4dy (opceedy) | f67v2 Diagram Exterior 2 (okeey), f86v3 Jet Figure #2 (qokeey, ytaiin), Rosette #4 Compartment #8 (opceedy), Rosette #4 Outer Ring (ceckey, otedy), Rosette #4-5 Bridge #2 (cseeal) | 0.09412 |
| f103v #11 | 1 | [yo]dy endings (ceeody), c \| cs + e0-4[dlrsmg] (csed), o[fptk]ai4n (okaiin, qokaiin, qokain), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qokcseey, opceey), o[fptk]e4dy (otedy, okedy), o[tk]e0-4y (okeey, okey, otey, oty, qokeey, ykeey), oly (oly) | f68v2 Star Divider #1 (otey), f69r Labeled Interior Bar #18 (ykeey), Rosette #1 Outer Ring (csed, ody, okain, okcegy, oly, otedy, yky), Rosette #1 Quadrant #4 (okedy) | 0.18748 |
| f103v #12 | 7 | ety (ceety), o[fptk]ai4n (qokain), o[tk]e0-4y (okeey) | f68v1 Exterior Stars #8 (cpceety), f69r Labeled Interior Bar #12 (okeey), Rosette #7 Left Label #2 (opaiiino) | 0.05885 |
| f103v #13 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol, cseor), ce4a (csear, cseeal), o[fptk]ai4n (qokain), o[tk]e0-4y (yteey, oty, okey), oi (oiin), otar variants (otar) | f68r3 Star Quadrant #7 (otceal), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (cseor, oiin, otar, oty) | 0.12117 |
| f103v #14 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), ceckey relatives (ceckeey, ceckey), o[fptk]ai4n (qokaiin, qokain), o[tk]e0-4y (okey, oky), ol[yoa] (oly), opce0-4y (opcey), ora (oraiin), orai0-4n (orain), otar variants (otar) | f67v2 Protrusion #1 (okeeey), f68v2 Stars #8 (ypcey), f85r2 Quadrant 4 (ceckey, orain), f86v3 Jet Figure #4 (ceeckey, qokaiin, qokain), Rosette #8 Exterior Label #6 (olal), Rosette #8 Outer Ring (cseol, otar), Rosette #8 Smokestack (orarol) | 0.13447 |
| f104r #1 | 9 | [yo][fptk]e4od + y (yteeody), ce4a (cear), cedai4[lrsm \| n] (ceedal, cseedaiin), o[fptk]e4dy (otedy, oteedy, qokeedy), oa (oar), oe0-4s (os), okal variants (okal), otod variants (otody), yodai0-4n (qodaiin) | Rosette #9 Canister #5 (opcedaiiin), Rosette #9 Center #17 (otedy), Rosette #9 Center #7 (oteedy), Rosette #9 Outer Ring Sentence #1 (cseax, okal, osoa, oteeedy, qotod), Rosette #9 Outer Ring Sentence #2 (odaiiin, okeody, os) | 0.14751 |
| f104r #2 | 4 | [yo]c + e4ody (yceeeody), cedai4[lrsm \| n] (ceedal), o[fptk]ai4n (qokaiin), o[fptk]c + e0-4dy (otcedy, otceedy), o[fptk]e4dy (qokeedy), o-axis of [yo][fptk][ao][lr] (okor), oe0-4s (cseeos), okal variants (qokal), okar variants (qokar, okar), okol variants (qokol), opce0-4dy (opcedy), otai0-4n (qotaiin), otar variants (otar), yodai0-4n (qodain, odaiin), yodai0-4r (odar) | f85r2 Quadrant 2 (cseeos, otceedy, qokar, qotaiin), f86v3 Jet Figure #2 (qokaiin, yceeeody), Rosette #4 Compartment #1 (cseodaiiin, okar, okol), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #7 (opcedy, qokal), Rosette #4 Outer Ring (ceedal, odaiin, odar, otar) | 0.16429 |
| f104r #3 | 9 | cedai4[lrsm \| n] (ceedal), oe0-4s (os), okar variants (okar), oly (otoly) | Rosette #9 Canister #5 (opcedaiiin), Rosette #9 Outer Ring Sentence #2 (okar, oly, os) | 0.08002 |
| f104r #4 | 3 | [yo]dy endings (ceeody, ceody), o[fptk\| dlrsmg][ao]m (qotam), o[fptk]c + e0-4dy (qotceedy), o[fptk]c + e0-4y (opceey), oa (ceoaiin), o-axis of [yo][fptk][ao][lr] (qotor), okal variants (okal), okar variants (okar), otal variants (otal), otol variants (otol) | f67v2 East-Oriented Text (oafoaly), f68v1 Exterior Stars #4 (otaly, otol), f68v3 Sides #2 (ceeody), Rosette #3 Outer Ring Sentence #1 (okar, okcsey, okom, otody, qotcedy), Rosette #3 Outer Ring Sentence #2 (okal, ykol) | 0.12858 |
| f104r #5 | 4 | o[fptk]ai4n (qokain), o[fptk]e4dy (qokedy, yteedy), o[tk]e0-4y (qoty), okar variants (qokar), opce0-4y (opceey), otal variants (otal) | f85r2 Quadrant 2 (qokar), f86v3 Jet Figure #2 (qoty, ytaiin), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #4 (opceey, oteedy), Rosette #4 Outer Ring (otal) | 0.09750 |
| f104r #6 | 3 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (kary), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo][fp]ai0-4[rn] (opair), [yo]dy | f67v2 East-Oriented Text (dcseog), f68r3 Star Quadrant #2 (ockey), f68v3 Sides #2 (ceeody), Rosette #3 Diagram Interior #1 | 0.15825 |

| | | | | |
|---|---|---|---|---|
| | | endings (ceeody), ce4a (ceear), cedai4[lrsm \| n] (cedar), o[fptk]c + e0-4dy (qokcedy), o-axis of [yo][fptk][ao][lr] (otor), oc[fptk]e4y (qocteey), otar variants (qotar, otar) | (ofairy), Rosette #3 Diagram Interior #3 (kary), Rosette #3 Outer Ring Sentence #1 (cedar, cseal, otar, qotcedy), Rosette #3 Outer Ring Sentence #2 (ykol) | |
| f104r #7 | 5 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (kar, taiin), c \| cs + e0-4[dlrsmg] (cseed), ce4a (csear, cear), ceckey relatives (ceckeey, ceckey), kc-initial (kceedy), ke4o (keeody), okar variants (okair), yodai0-4n (qodaiin) | f68r3 Star Quadrant #5 (dcseol), f68v3 Sides #3 (ceckey), f69r Labeled Interior Bar #5 (tam), Rosette #4-5 Bridge #2 (cseeal), Rosette #5 Outer Ring (kceedy, keeody, odaiiin, okair), Rosette #5-6 Bridge #1 (cseed) | 0.13526 |
| f104r #8 | 4 | ce4a (cear), cedai4[lrsm \| n] (ceedar), o[fptk \| dlrsmg][ao]m (otam), o[fptk]ai4n (qokaiin), o[fptk]e4dy (yteedy), otai0-4n (qotaiin) | f67v2 Protrusion #3 (cear), f85r2 Quadrant 2 (qotaiin), f86v3 Jet Figure #2 (qokaiin), Rosette #4 Compartment #4 (opam, oteedy), Rosette #4 Outer Ring (cecedam) | 0.06379 |
| f104r #9 | 3 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [yo][fptk]e4o (okeeo), [yo]dy endings (okeody), ce4a (cear), cedai4[lrsm \| n] (ceedar), o[tk]e0-4y (oteey), okal variants (qokal), okar variants (qokar), okol variants (okol) | f67v2 East-Oriented Text (dcseog, oky), f68v3 Stars #2 (okol), f69r Labeled Interior Bar #1 (okeeo), Rosette #3 Outer Ring Sentence #1 (cedar, cseal, okar, otody, qokal) | 0.10410 |
| f104r #10 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedaiin), o[fptk]ai4n (otaiin, qokaiin), okal variants (qokal) | f67v2 Diagram Exterior 4 (ceol), f68r3 Star Quadrant #8 Wand/Branch (ceeol), f85r2 Quadrant 4 (qokal), f86v3 Jet Figure #4 (aceeody, ceedaiin, qokaiin), Rosette #8 Exterior Label #1 (ofain) | 0.15875 |
| f104r #11 | 4 | [yo]dy endings (oteody), o[fptk]ai4n (qokaiin, okaiin), o[fptk]c + e0-4dy (qotcedy), okal variants (okal), okar variants (okar), opam variants (opam), or[yoa] (oraiin), otar variants (qotar) | f68v3 Sides #3 (okal), f85r2 Quadrant 2 (qotcedy), f86v3 Jet Figure #2 (qokaiin, ytaiin), Rosette #4 Compartment #1 (okar), Rosette #4 Compartment #4 (opam, opceody), Rosette #4 Outer Ring (oror, otar) | 0.17746 |
| f104r #12 | 1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), o[fptk]ai4n (qokain), o[fptk]e4dy (yteedy), o[tk]e0-4y (qoteey, qoty), ol[tk] (olkaiin) | f67v2 North-Oriented Text (dceeeor), Rosette #1 Outer Ring (okain, olkaiin, yky), Rosette #1 Quadrant #4 (okedy) | 0.06144 |
| f104r #13 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), l[drs] Prefixes (lsaiin), o[fptk]ai4n (otaiin, otain, qokaiin, qokain), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qokceedy), o[fptk]e4dy (qokeedy), o[tk]e0-4y (qokeey, oteey), ol[tk] (olkair) | f68r3 Star Quadrant #8 Wand/Branch (ceeol), f68v2 Stars #8 (ypcey), f86v3 Jet Figure #4 (oteey, qokaiin, qokain, qokeey), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (lsaiin, olkeeodaiin, oteedy) | 0.15668 |
| f104v #1 | 2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]ce4y + infixed versions (ceockey), cedai4[lrsm \| n] (ceedaiin, ceedal), o[fptk]c + e0-4dy (opceedy), o[fptk]e4dy (qokeedy), oe4y (qoeeey), ora (orar), otai0-4n (otaiin, qotaiin), otar variants (otair), yodai0-4n (odaiin) | f68v3 Inner Ring (otair), f85r2 Quadrant 1 (ceol), f86v3 Jet Figure #1 (qoeeey, qokeedy, qotaiin, ycseeey), Rosette #2 Interior Ring (orar), Rosette #2 Outer Ring (cedas, okcedy, okodain) | 0.10155 |
| f104v #2 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [yo]c + e4dy (oceedy), o[fptk]ai4n (qokain), o[fptk]c + e0-4y (qokcey), opce0-4dy (opceedy), so (sol) | f86v3 Jet Figure #2 (ceeeor, oceedy, ytaiin), Rosette #4 Compartment #1 (qokcey), Rosette #4 Compartment #3 (soa), Rosette #4 Compartment #8 (opceedy) | 0.08486 |
| f104v #3 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), cedai4[lrsm \| n] (ceedaiin), l[drs] Prefixes (ls), o[fptk]ai4n (okain, otaiin, qokaiin), o[fptk]c + e0-4dy (qotceedy), o[fptk]e4dy (ykeedy, qokeedy, oteedy), o[tk]e0-4y (qoty), o-axis of [yo][fptk][ao][lr] (qokol), oc[s \| fptk]e4y (qocteey), oe0-4s (ceeos), otar variants (qotar) | f67v2 Protrusion #1 (okeeey), f85r2 Quadrant 4 (ykeedy), f86v3 Jet Figure #4 (ceedaiin, ceeos, ocseeey, qokaiin, qotceedy), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (cseol, lsaiin, okor, otar, oteedy) | 0.13992 |
| f104v #4 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedar), eky (ceeky), o[fptk]c + e0-4dy (ytceedy), o[fptk]e4dy (oteedy), o[tk]e0-4y (qoty), otai0-4n (qotaiin) | f85r2 Quadrant 2 (qotaiin, ytceedy), f86v3 Jet Figure #2 (ceeeor, qoty), Rosette #4 Compartment #1 (ceeky), Rosette #4 Compartment #4 (opceody, oteedy), Rosette #4 Outer Ring (cecedam) | 0.08797 |
| f104v #5 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [tk]c-Initial (kceedy), o[fptk]ai4n (qokaiin, qokain, ytaiin), o[fptk]c + e0-4dy (qotcedy, qokceedy), o[fptk]c + e0-4y (qokcey), oe0-4s (ceeos), ora (orain) | Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #3 (otcedy), Rosette #7 Left Label #4 (okcey), Rosette #7 Outer Ring (cseor, orar, otosaiiin, tcseed) | 0.08904 |
| f104v #6 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor), cedai4[lrsm \| n] (cedar), o[fptk]ai4n (qokaiin), o[fptk]c + e0-4dy (qotceedy), o[fptk]c + e0-4y (qokcey), o[tk]e0-4y (qokeey), o-axis of [yo][fptk][ao][lr] (qokol), otam variants (otam) | f67v2 Diagram Exterior 4 (ceol), f68v2 Stars #8 (ypcey), f69r Labeled Interior Bar #15 (cseo), f86v3 Jet Figure #4 (otam, qokaiin, qokeey, qotceedy), Rosette #8 Exterior Label #7 (dceos), Rosette #8 Outer Ring (cedar, okor) | 0.13197 |
| f104v #7 | 4 | [tk]c-Initial (tceey), cedai4[lrsm \| n] (ceedaiin), o[fptk]ai4n (ytaiin), o[fptk]c + e0-4dy (ytceedy, qokceedy), o[fptk]c + e0-4y (qotcey), oe0-4s (cseeos), okar variants (qokar), otar variants (otar), otor variants (otor), yodai0-4n (qodaiin) | f85r2 Quadrant 2 (cseeos, qokar, ytceedy), f86v3 Jet Figure #2 (otor, qodaiin, qotcey, ytaiin), Rosette #4 Compartment #6 (tcsedy), Rosette #4 Compartment #7 (opcedy), Rosette #4 Outer Ring (cecedam, otar) | 0.10449 |
| f104v #8 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseor), [yo]dy endings (ceeody, ceody), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qokceedy), o[fptk]c + e0-4y (qokcey), yodai0-4n (qodaiin) | f68v2 Stars #8 (ypcey), f68v3 Sides #1 (ceody), f69r Labeled Interior Bar #15 (cseo), f85r2 Quadrant 4 (qodaiin), f86v3 Jet Figure #4 (aceeody, cseor) | 0.10816 |
| f104v #9 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ceeody), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qotcedy), o[tk]e0-4y (qokeey), oe4y (qoeey), yodai0-4n (cseodaiin) | f67v2 Diagram Exterior 4 (ceol), f68v2 Stars #8 (ypcey), f86v3 Jet Figure #4 (aceeody, qokeey), Rosette #8 Outer Ring (olkeeodaiin, qoeey) | 0.06329 |
| f104v #10 | 8 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [tk]c-Initial (kceedy), o[fptk]ai4n (okaiin, okain, qokaiin), o[tk]e0-4y (ykeey), orai0-4n (orain), yodai0-4r (odar) | f57v Hand-Raiser 4 (daly), f68r3 Star Quadrant #8 Wand/Branch (ceeol), f85r2 Quadrant 4 (orain), f86v3 Jet Figure #4 (qokaiin, tceeod, ykeey), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (odar, okaiin) | 0.09774 |
| f104v #11 | 4 | cedai4[lrsm \| n] (qotceedar), o[fptk]e4dy (okeedy, oteedy, qokedy), oe0-4s (cseeos), otai0-4n (qotaiin) | f85r2 Quadrant 2 (cseeos, qotaiin), Rosette #4 Compartment #1 (okeedy), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #4 (oteedy), Rosette #4 Outer Ring (cecedam) | 0.12982 |
| f104v #12 | 7 | [yo]ce4y + infixed versions (ycseeey), ce4a (cear), ece polygraph (kecey), o[fptk]ai4n (qokain), o[fptk]c + e0-4dy (okceedy), o[fptk]edar (ytedar), o[tk]e0-4y (qokeey, qoky), od[fptk \| dlrsmg] (odl), so (sol), yodai0-4n (odain) | f68r3 Star Quadrant #7 (otceal, qokeey), f68v1 Exterior Stars #7 (oteodain), f68v3 Sides #4 (teolkeceey), f69r Labeled Interior Bar #13 (dkocey), Rosette #6-7 Bridge Interior East (odl), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #3 (otcedy), Rosette #7 Left Label #8 (okydy), Rosette #7-8 Bridge #1 (soiiin), Rosette #7-8 Bridge Interior #1 (ytedar) | 0.09910 |
| f104v #13 | 8 | [fptk]e0-4y (keeey), [tk]c-Initial (tceedy), [yo][fptk]e4d (oteed), o[fptk]ai4n (okain, qotaiin), o[fptk]e4dy (oteedy), o[tk]e0-4y (okeeey, okeey, qoteey, qoty, qokeey), oe sans oy + oe4y, oe0-4s (qoeedy) | f67v2 Protrusion #1 (okeeey), f86v3 Jet Figure #4 (keeey, qokeey, tceeod), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Exterior Label #2 (yoe**ais), Rosette #8 Outer Ring (oteed, oteedy) | 0.13185 |
| f105r #1 | 4 | [yo]c + e4dy (oceedy), [yo]dy endings (ceeody), aro[dlrsmg] (arody), o[fptk \| dlrsmg][ao]m (qotam), o[fptk]ai4n (ykaiin), o[fptk]c + e0-4dy (otcedy), o[fptk]e4dy (otedy, yteedy, qokeedy), o[tk]e0-4y (qokeey, yteey, otey), o[tk]e4s (okees), ocke4y (ockey), okar variants (okar), yodai0-4n (odaiin), yodai0-4r (odar) | f68r3 Star Quadrant #2 (ockey), f86v3 Jet Figure #2 (oceedy, qokeey, ykaiin, yteey), Rosette #4 Compartment #1 (okar), Rosette #4 Compartment #4 (opam, opceody, oteedy), Rosette #4 Compartment #6 (oparod), Rosette #4 Compartment #7 (opcedy), Rosette #4 Compartment #8 (ceeyky), Rosette #4 Outer Ring (odaiin, odar, okees, otedy) | 0.14524 |
| f105r #2 | 7 | [yo]dy endings (arody, yteody), o[fptk]ai4n (qokaiin), o[fptk]c + e0-4y (okceey), o[fptk]e4dy (qokedy, qokeedy, oteedy), o[tk]e0-4y (qokeey, okeey), oe0-4s (ykeeos) | f68r3 Star Quadrant #7 (qokeey), f69r Labeled Interior Bar #12 (okeey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #4 (okcey), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (otosaiiin, qotedy) | 0.10251 |
| f105r #3 | 5 | [yo]dy endings (yteedy), do (dol), kc-initial (kceedy), o[fptk]c + e0-4dy (qotcedy), oe sans oy + oe4y, oe0-4s (qoeedy) | f69r Labeled Interior Bar #7 (doceeeo), Rosette #5 Compartment #3 (okcedy), Rosette #5 Outer Ring (kceedy, keeody, oekaiin) | 0.05823 |
| f105r #4 | 9 | [yo][fptk]e4od + y (yteody), [yo]dy endings (ceeody, keeody), o[fptk]e4dy (oteedy, okeedy), o[lr]a(oral), yodai0-4l (odal) | Rosette #9 Center #19 (sody), Rosette #9 Center #7 (oteedy), Rosette #9 Outer Ring Sentence #1 (oteeedy), Rosette #9 Outer Ring Sentence #2 (odal, okeody, olar) | 0.09240 |
| f105r #5 | 8 | [dlrsmg]ai4m (dam), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [fptk]e0-4y (keey), cedai4[lrsm \| n] (cedaiin), o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, otedy, oteedy, qokedy), o[tk]e0-4y (oteey, okeeey, okeey), o-axis of [yo][fptk][ao][lr] (otol), oe4y (qoeey), ol[tk] (olkaiin), opai0-4n (opaiin), opce0-4y (opceey), yodai0-4n (odaiin), yodai0-4r (odar) | f67v2 Diagram Exterior 4 (dam), f67v2 Protrusion #1 (okeeey), f68v2 Stars #8 (ypcey), f86v3 Jet Figure #4 (keeey, opaiin, oteey, qokedy), Rosette #8 (okcedarar), Rosette #8 Outer Ring (cseol, odar, okaiin, okedy, okor, olkeeodaiin, oteedy, qoeey) | 0.13526 |
| f105r #6 | 8 | [dlrsmg]ai4m (dam), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseeo), o[tk]e0-4y (okeeey) | f67v2 Diagram Exterior 4 (dam), f67v2 Protrusion #1 (okeeey), f69r Labeled Interior Bar #15 (cseo) | 0.05053 |
| f105r #7 | 3 | c \| c[fptk] + e4o (ceo), o[tk]e0-4y (oky) | f67v2 East-Oriented Text (oky), f68r3 Star Quadrant #3 (ceo) | 0.04763 |
| f105r #8 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ceeody), o[fptk]c + e0-4y (opceey), o[fptk]e4dy (oteedy, qokeedy), o[tk]e0-4y (yteey), oe0-4s (oees), oi (oiin), opar variants (opair), yodai0-4n (odaiin) | f68v1 Exterior Stars #7 (oteodain), f69r Labeled Interior Bar #11 (ceeody), Rosette #7 Left Label #4 (okcey), Rosette #7 Left Label #6 (opair), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (cseor, oiin, otosaiiin, qotedy) | 0.11941 |
| f105r #9 | 3 | [fptk]ai4[dlrsmg \| n] (kar), do (dor), ek[yoa] (ceeky), o[tk]e0-4y (oteey), oe0-4s (oees), okal variants (okal), orai0-4n (oraiiin), otar variants (otar) | f67v2 East-Oriented Text (oky), f68v2 Star Divider #2 (ycseesos), f68v3 Stars #2 (dom), Rosette #3 Diagram Interior #3 (oraiiin), Rosette #3 Outer Ring Sentence #1 (kar, otar), Rosette #3 Outer Ring Sentence #2 (cseekal, okal) | 0.11080 |
| f105r #10 | 3 | ko (kor), o[fptk \| dlrsmg][ao]m (otam), okal variants (qokal), or[yoa] (orol), otar variants (qotar, otar) | Rosette #3 Diagram Interior #3 (oraiiin), Rosette #3 Outer Ring Sentence #1 (kor, okom, otar, qokal) | 0.12595 |
| f105v #1 | 4 | cedai4[lrsm \| n] (ceedaiin), dcedy relatives (dcseedy), do (dol), o[fptk]ai4n (ykaiin), o[fptk]c + e0-4y (otcey), o[fptk]e4dy (oteedy, ykeedy, qokedy, qokeedy), okar variants (okair), ola (olar), otai0-4n (otaiin, qotaiin), otor variants (otor), yodai0-4n (qodaiin) | f85r2 Quadrant 2 (qotaiin), f86v3 Jet Figure #2 (dcseedy, otaiin, otor, qodaiin, ykaiin), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #3 (dor), Rosette #4 Compartment #4 (olaiiin, oteedy), Rosette #4 Outer Ring (cecedam, okary, otecseey) | 0.13730 |
| f105v #2 | 5 | [yo]dy endings (oteody), g (g), o[fptk]e4dy (otedy), ol[tk] (olkaiin), om + o[fptk \| dlrsmg]am (om), otar variants (otair), yc + e4o (yceeeo) | f68v3 Stars #3 (yceeeo), Rosette #4-5 Bridge #2 (g), Rosette #5 Compartment #10 (otedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (keeody, olky, otar) | 0.09546 |
| f105v #3 | 4 | o[fptk][ao]s (otos), o[fptk]ai4n (okaiin), o[fptk]c + e0-4dy (qokcedy, otceedy), o[fptk]c + e0-4y (otceey), o[tk]e0-4y (ykeey), o[tk]e4s (okees), oe0-4s (os), oi (oiiin), opce0-4dy (opceedy), or[yoa] (oral), otai0-4n (otaiin), otal variants (otal), otar variants (otar), yodai0-4m (odam), yodai0-4r (odar) | f67v2 Diagram Exterior 2 (osalal), f85r2 Quadrant 2 (otceedy), f86v3 Jet Figure #2 (otaiin, otceey, ytaiin), Rosette #4 Compartment #2 (ofas), Rosette #4 Compartment #7 (opcedy), Rosette #4 Compartment #8 (ceeyky, opceedy), Rosette #4 Exterior Sun (odam), Rosette #4 Outer Ring (odar, oiiin, okees, oror, otal, otar) | 0.11849 |
| f105v #4 | 1 | [fptk]ai4[dlrsmg \| n] (kar), o[fptk]ai4n (otaiin), o[fptk]c + e0-4dy (opcedy), o[tk]e0-4y (ykeey), okal variants (okal), okar variants (okair), ol[tk] (olkaiin), ol[yoa] (olor), ora (oraiin), yodai0-4r (odar) | f69r Labeled Interior Bar #16 (okeodar), f69r Labeled Interior Bar #18 (ykeey), Rosette #1 Outer Ring (kaiir, okain, okair, okal, okcedy, olkaiin, oly, oral) | 0.12568 |
| f105v #5 | 2 | [fptk]ai4[dlrsmg \| n] (taiin), cedai4[lrsm \| n] (ceedaiin), o[fptk]ai4n (okaiin), opar variants (opair) | f86v3 Jet Figure #1 (ytain), Rosette #2 Outer Ring (cedas, opair, taiin) | 0.05806 |
| f105v #6 | 7 | cedai4[lrsm \| n] (ceedal), o[fptk]ai4n (okaiin, qokaiin), od[fptk \| dlrsmg] (odl), otar variants (otair) | f68v2 Star Divider #7 (dceedal), Rosette #6-7 Bridge Interior East (odl), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Outer Ring (otar) | 0.05873 |
| f105v #7 | 8 | c \| cs + e0-4[dlrsmg] (cseees), o[fptk]ai4n (okaiin), o[fptk]o (oto), otar variants (otar), yodai0-4l (odal) | f68v3 Stars #4 (ydaiil), Rosette #8 Outer Ring (cseees, okaiin, otar, oto) | 0.09750 |
| f105v #8 | 4 | [yo]dy endings (ody), o[fptk]e4dy (oteedy), o-axis of [yo][fptk][ao][lr] (qotor), opce0-4y (opceey), otai0-4n (otaiin), otal variants (otal), otar variants (otar) | f68v3 Sides #3 (ody), f86v3 Jet Figure #2 (otaiin), Rosette #4 Compartment #1 (okol), Rosette #4 Compartment #4 (opceey, oteedy), Rosette #4 Outer Ring (otal, otar) | 0.08559 |

| | | | | |
|---|---|---|---|---|
| f105v #9 | 2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk]ai4[dlrsmg \| n] (taiin), do (dol), o[fptk]e4dy (okeedy), o-axis of [yo][fptk][ao][lr] (otor), oe sans oy + oe4y, oe0-4s (qoeedy), otai0-4n (otaiin), otar variants (otair) | f68r3 Star Quadrant #1 (dol), f68v3 Inner Ring (otair), f85r2 Quadrant 1 (cseeo), f86v3 Jet Figure #1 (qoeedy, qotaiin), Rosette #2 Outer Ring (okeedy, taiin), Rosette #2 Protrusion Bottom-Right (okor) | 0.11282 |
| f105v #10 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor), [yo]dy endings (ceeody), cedai4[lrsm \| n] (cedaiin, cedal, ceedaiin), o[fptk]ai4n (okaiin, otaiin, qokaiin, ytaiin), o[tk]e0-4y (okeey, oteey), otar variants (otair), yodai0-4n (odaiin) | f68v1 Exterior Stars #7 (oteodain), f68v2 Star Divider #7 (dceedal), f69r Labeled Interior Bar #11 (ceeody), f69r Labeled Interior Bar #12 (okeey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Outer Ring (cseor, otar) | 0.10747 |
| f106r #1 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [yo]dy endings (yteeody), ek[yoa] (cseeky), o[fptk]c + e0-4dy (otceedy, ytceedy), o[fptk]e4dy (yteedy, qotedy), oe0-4s (ceeos), otar variants (qotar) | Rosette #7 Left Label #3 (otcedy), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (ceekaj, cseor, otar, otosaiiin, qotedy) | 0.10223 |
| f106r #2 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol, cseor), [yo]c + e4dy (yceedy), aro[dlrsmg] (arody), ce4a (cear), ceckey relatives (ceeckey), o[fptk]ai4n (okaiin), o[fptk]c + e0-4dy (okceedy), o[tk]e0-4y (ceeoky, qoky), olcey relative (olceedy) | f67v2 Protrusion #1 (okeeey), f68v3 Sides #1 (ceeoky), f85r2 Quadrant 4 (olceey), f86v3 Jet Figure #4 (ceallkar, ceeckey, cseor, okceedy, yceedy), Rosette #8 Outer Ring (cseol, okaiin), Rosette #8 Smokestack (orarol) | 0.09979 |
| f106r #3 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), o[fptk]ai4n (qokain), o[fptk]e4dy (oteedy), o-axis of [yo][fptk][ao][lr] (qotor), okar variants (qokar), ol[tk] (olkaiin), oro (oror) | f85r2 Quadrant 2 (qokar), f86v3 Jet Figure #2 (ceeeor, ytaiin), Rosette #4 Compartment #1 (okol), Rosette #4 Compartment #4 (oteedy), Rosette #4 Outer Ring (olkar, oror) | 0.11221 |
| f106r #4 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), o[fptk]ai4n (qokain), o[fptk]e4dy (qokedy, otedy), o[tk]e0-4y (okeey) | f69r Labeled Interior Bar #12 (okeey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Outer Ring (cseor, otedy, qotedy) | 0.10029 |
| f106r #5 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseeo), [yo][fp]a (opal), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (otceey), o[tk][ao]s (otais), o[tk]e0-4y (otey), otal variants (otal) | f68v2 Star Divider #1 (otey), f69r Labeled Interior Bar #14 (ceotal), f69r Labeled Interior Bar #15 (cseo), f86v3 Jet Figure #4 (otceey), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (okaiin, okos) | 0.10242 |
| f106r #6 | 2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor, cseol), [tk]c-Initial (tceedy), cedai4[lrsm \| n] (ceedar), o[fptk]ai4n (okain), o[fptk]c + e0-4dy (opceedy), okol variants (okol), otar variants (otar), sai4n (sain) | f68v3 Inner Ring (okol), f69r Labeled Interior Bar #21 (otar), f85r2 Quadrant 1 (ceol, sain), f86v3 Jet Figure #1 (tceedy, ytain), Rosette #2 Outer Ring (okcedy), Rosette #2 Protrusion Exterior (ceedar) | 0.10054 |
| f106r #7 | 1 | o[fptk]ai4n (okain, qokaiin, ytaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qopcey), o[fptk]c + e0-4dy (qokceedy, otceedy), o[fptk]e4dy (qokeedy, okeedy), o[tk]e0-4y (qokeey, qoty), otol variants (otol) | Rosette #1 Outer Ring (okain, okcedy, okcegy, otol, yky), Rosette #1 Quadrant #4 (okedy) | 0.13781 |
| f106r #8 | 4 | [yo]c + e4dy (yceedy), o[fptk]c + e0-4y (qokcey), o[fptk]c + e4ody (opceody), o[fptk]e4dy (otedy, qokedy, qokeedy), opce0-4dy (opceedy), yodai0-4n (odain) | f86v3 Jet Figure #2 (oceedy), Rosette #4 Compartment #1 (cseodaiiin, qokcey), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #4 (opceody, oteedy), Rosette #4 Compartment #8 (opceedy), Rosette #4 Outer Ring (otedy) | 0.13713 |
| f106r #9 | 2 | [yo]c + e4o Superclass (yceeeo), c \| c[fptk] + e4o (ceo), cedai4[lrsm \| n] (ceedar), o[fptk]ai4n (okain, qokaiin, qokain), o[fptk]c + e0-4dy (qokceedy), otai0-4n (otaiin) | f68r3 Star Quadrant #3 (ceo), f86v3 Jet Figure #1 (qokaiin, qotaiin, ytain), Rosette #1-2 Bridge #2 (opotceos), Rosette #2 Outer Ring (okcedy), Rosette #2 Protrusion Exterior (ceedar) | 0.09629 |
| f106r #10 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (ceo, cseeo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseor, ceeeor, ceeol), [yo]c + e4o Superclass (yceeeo), ce4a (cecar), eka (cekar), o[fptk]ai4n (okaiin, okain, qokaiin, qokain), okal variants (okal, ykal), ora (oraiin) | f68r3 Star Quadrant #8 Wand/Branch (ceeol), f69r Labeled Interior Bar #15 (cseo), f86v3 Jet Figure #4 (ceallkar, cseor, qokaiin, qokain), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Exterior Label #3 (ydekam), Rosette #8 Exterior Label #7 (dceos), Rosette #8 Outer Ring (okaiin, okal, okalol), Rosette #8 Smokestack (orarol) | 0.12104 |
| f106r #11 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [yo]dy endings (ceody), ceckey relatives (ceckey), ke4o (keeody), o[fptk]ai4n (qokaiin, qokain), okal variants (okaly) | f68v3 Sides #1 (ceody, keody), f69r Labeled Interior Bar #15 (cseo), f85r2 Quadrant 4 (ceckey), f86v3 Jet Figure #4 (qokaiin, qokain), Rosette #8 Outer Ring (okalol) | 0.11846 |
| f106r #12 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), o[fptk]ai4n (okaiin), o[tk]e0-4y (ceoky), otar variants (qotar) | f67v2 Protrusion #1 (okeeey), f69r Labeled Interior Bar #15 (cseo), Rosette #8 Outer Ring (okaiin, otar) | 0.07206 |
| f106r #13 | 7 | o[fptk]ai4n (otaiin), o[fptk]e4dy (qotedy) | Rosette #7 Left Label #2 (opaiiino), Rosette #7 Outer Ring (qotedy) | 0.04515 |
| f106r #14 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [yo]dy endings (ceeody), do (dol), o[fptk]ai4n (okaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (opcedy), o[tk]e0-4y (yteey), okal variants (qokal), opce0-4y (opcey) | f67v2 Diagram Exterior 4 (ceol), f68r3 Star Quadrant #8 Wand/Branch (ceeol), f68r3 Star Quadrant #8 Wand/Branch Head (doary), f68v2 Stars #8 (ypcey), f85r2 Quadrant 4 (qokal), f86v3 Jet Figure #4 (aceeody, yteey), Rosette #8 Outer Ring (okaiin) | 0.08348 |
| f106r #15 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), ce4a (cear), cedai4[lrsm \| n] (cedal), o[fptk]ai4n (okain, otaiin, qokaiin, qokain), o[fptk]e4dy (qokeedy, otedy), o[tk]e0-4y (oty, qoteey, qoty, oky), okal variants (okal), ol[tk] (olkair), otar variants (otair, otar), yodai0-4n (cseodaiin) | f68r3 Star Quadrant #7 (otceal), f68v1 Exterior Stars #7 (oteodain), f68v2 Star Divider #7 (dceedal), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (cseor, okal, olkoaiiin, otar, otedy, oty, qotedy) | 0.18343 |
| f106v #1 | 3 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (daly), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor), [fptk]ai4[dlrsmg \| n] (kar), c \| c[fptk] + e4o (cseeo), cedai4[lrsm \| n] (cedal), okar variants (okar, qokar), otar variants (otair, otar) | f67v2 East-Oriented Text (dcseog), f68r3 Star Quadrant #3 (ceo), Rosette #3 Diagram Interior #3 (kary), Rosette #3 Outer Ring Sentence #1 (cedar, kar, okar, otar) | 0.11991 |
| f106v #2 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [tk]c-Initial (kceedy), [yo]dy endings (ceody), ce4a (cseeal), ep[yoa] (ceepar), o[fptk]ai4n (otaiin, qokain, qotaiin), ol[tk] (olkaiin), ora (oraiin) | f68v2 Stars #8 (ykeeepol), f68v3 Sides #1 (ceody), f69r Labeled Interior Bar #15 (cseo), f86v3 Jet Figure #4 (ceallkar, qokain, tceeod), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (cseol, olkeeodaiin), Rosette #8 Smokestack (orarol) | 0.10181 |
| f106v #3 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), o[fptk]ai4n (ytain), o[tk]e0-4y (oteey), opce0-4y (qopcey), orai0-4n (orain), yodai0-4n (qodaiin) | f68r3 Star Quadrant #8 Wand/Branch (ceeol), f68v2 Stars #8 (ypcey), f85r2 Quadrant 4 (orain, qodaiin), f86v3 Jet Figure #4 (oteey), Rosette #8 Exterior Label #1 (ofain) | 0.10388 |
| f106v #4 | 4 | [yo]dy endings (ceody), ce4a (cear), kc-initial (kceedy), o[fptk \| dlrsmg][ao]m (otam), o[fptk]ai4n (qokaiin, ykaiin), o[fptk]c + e0-4dy (qotcedy), o[fptk]e4dy (qotedy), oe sans oy + oe4y, oe0-4s (qoeedy), okal variants (qokal), opce0-4y (opcey), otal variants (otal), otar variants (qotar, ytar), oy + oe4y (qoeeey) | f67v2 Protrusion #3 (cear), f68v2 Stars #4 (oteoys), f85r2 Quadrant 2 (oloeorain, qotcedy), f86v3 Jet Figure #2 (qokaiin, ykaiin), Rosette #4 Compartment #2 (kcey), Rosette #4 Compartment #4 (opam, opceey, opceody, oteedy), Rosette #4 Compartment #7 (qokal), Rosette #4 Outer Ring (otal, otar) | 0.12845 |
| f106v #5 | 8 | o[fptk]ai4n (okain), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qokcedy, qotcedy), otal variants (ceotal), otam variants (qotam), otar variants (qotar), yodai0-4n (qodaiin) | f68v2 Stars #8 (ypcey), f69r Labeled Interior Bar #14 (ceotal), f69r Labeled Interior Bar #15 (qotam), f85r2 Quadrant 4 (qodaiin), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (otar) | 0.09153 |
| f106v #6 | 4 | oe sans oy + oe4y, oe0-4s (oeedy), olai0-4n (olaiin), opce0-4dy (opcedy), otai0-4n (otaiin), otal variants (otal) | f85r2 Quadrant 2 (oloeorain), f86v3 Jet Figure #2 (otaiin), Rosette #4 Compartment #4 (olaiiin), Rosette #4 Compartment #7 (opcedy), Rosette #4 Outer Ring (otal) | 0.10054 |
| f106v #7 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseor), o[fptk]c + e0-4dy (qokceedy), okal variants (okal) | Rosette #7 Left Label #3 (otcedy), Rosette #7 Outer Ring (cseor, okal) | 0.06676 |
| f106v #8 | 1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseor), c \| cs + e0-4[dlrsmg] (csed), cedai4[lrsm \| n] (cedaiin, cedal), o[fptk]ai4n (qokaiin, qokain, qotaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qokcey, okcsey), o[fptk]c + e0-4dy (qokcedy), o[fptk]e4dy (okeedy), okal variants (okal), okar variants (qokar), okol variants (qokol), ora (oraiin) | f67v2 North-Oriented Text (dceeeor), f68r3 Star Quadrant #1 (qokcedy), f68r3 Star Quadrant #8 (qokol), f68v3 Stars #1 (cedail), Rosette #1 Outer Ring (csed, okain, okair, okal, okcegy, oral), Rosette #1 Quadrant #4 (okedy) | 0.17704 |
| f106v #9 | 4 | o[tk]e0-4y (qokeey), okal variants (okal), opce0-4dy (opcedy), yodai0-4n (odaiin) | f68v3 Sides #3 (okal), f86v3 Jet Figure #2 (qokeey), Rosette #4 Compartment #7 (opcedy), Rosette #4 Outer Ring (odaiin) | 0.08477 |
| f106v #10 | 4 | [yo]dy endings (oteody), o[dlrs]ce4y Superset (olceey), o[fptk]e4dy (oteedy, qokeedy), o[tk]e0-4y (okeey, oty), oe0-4s (ceeos, cseeos), okar variants (qokar), otai0-4n (otaiin, otain, qotaiin) | f67v2 Diagram Exterior 2 (okeey, osalal), f85r2 Quadrant 2 (cseeos, qokar, qotaiin), f86v3 Jet Figure #2 (otaiin), Rosette #4 Compartment #4 (opceody, orcsey, oteedy), Rosette #4 Compartment #8 (ceeyky) | 0.13809 |
| f106v #11 | 3 | [yo]dy endings (ody), eky (cseeky), oa (ceoaiin), oe sans oy + oe4y, oe0-4s (qoeedy), otar variants (qotar) | f67v2 East-Oriented Text (oafoaly), f68v3 Stars #2 (cseeky, cseoekeary), Rosette #3 Outer Ring Sentence #1 (otar, otody) | 0.07538 |
| f106v #12 | 7 | [tk]c-Initial (kceedy), o[fptk]ai4n (okaiin, qotaiin, qokaiin), o[tk]e0-4y (qokeey), otos variants (otos), so (sol), yodai0-4l (odal) | f68r3 Star Quadrant #7 (qokeey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Outer Ring (odal, otosaiiin, tcseed), Rosette #7-8 Bridge #1 (soiiin) | 0.11033 |
| f106v #13 | 7 | o[fptk]ai4n (qokaiin), o[fptk]c + e0-4y (otceey), o[tk]e0-4y (oty, qokeey), yodai0-4n (qodaiin) | f68r3 Star Quadrant #7 (qokeey), f68v1 Exterior Stars #7 (oteodain), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #4 (okcey), Rosette #7 Outer Ring (oty) | 0.07899 |
| f106v #14 | 8 | [yo][fptk]e4od + y (qoteeody), ko (kor), o[fptk]ai4n (okaiin), o[fptk]e4dy (otedy), o[tk]e0-4y (oteey), opce0-4dy (opceedy) | f67v2 Diagram Exterior 4 (koaiin), f86v3 Jet Figure #4 (opceedy, oteey, yteeody), Rosette #8 Outer Ring (okaiin, oteedy) | 0.08375 |
| f106v #15 | 7 | cedai4[lrsm \| n] (ceedar), o[fptk]ai4n (okain, otaiin, qokaiin), o[fptk]e4dy (qokeedy, otedy, oteedy), o[fptk]eda[lrsm \| n] (okedaiin), o[tk]e0-4y (okeeey, okeey, oky, oteey, oty, ceeyky), okal variants (okal), otar variants (ytar), yodai0-4n (odaiin) | f68v1 Exterior Stars #7 (oteodain), f68v2 Star Divider #7 (dceedal), f69r Labeled Interior Bar #12 (okeey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (okal, otar, otedy, oteedaiiin, oty, qotedy) | 0.17201 |
| f107r #1 | 4 | o[fptk]c + e0-4y (qokcey), o[tk]e0-4y (okeey, oteey), o[tk]e4s (okees), oe0-4s (cseeos), otai0-4n (otaiin), otar variants (ytar), otor variants (otor), yodai0-4r (odar) | f67v2 Diagram Exterior 2 (okeey), f85r2 Quadrant 2 (cseeos), f86v3 Jet Figure #2 (otaiin, oteey, otor), Rosette #4 Compartment #1 (qokcey), Rosette #4 Outer Ring (odar, okees, otar) | 0.11855 |
| f107r #2 | 6 | [tk]e4dy (tedy), [tk]e4o (teeody), ceckey relatives (ceckey), cedai4[lrsm \| n] (ceedaiin), o[fptk]ai4n (okaiin, qokain, ytaiin), o[fptk]c + e0-4dy (okceedy), o[fptk]c + e0-4y (okceey), o[fptk]e4dy (okeedy, qokeedy), o[tk]e0-4y (qoteey, oteey), okar variants (qokar), otai0-4n (otaiin), otar variants (otar) | f85r2 Quadrant 3 (tedy), f86v3 Jet Figure #3 (okceey, otaiin, qotaiin, qoteey, teeody), Rosette #6 Compartment #1 (opcedy), Rosette #6 Compartment #3 (okar), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6 Outer Ring (ceckey, otar), Rosette #6 Upper-Right Attachment (csedain), Rosette #6-7 Bridge #2 (oteey) | 0.14997 |
| f107r #3 | 4 | ce4a (cseeal), cedai4[lrsm \| n] (ceeedaiin), kc-initial (kceedy), o[fptk]ai4n (okaiin, qokaiin, ytain), o[fptk]e4dy (yteedy, qokedy, qokeedy, okeedy), o[tk]e0-4y (okeey, qokeey), okal variants (qokal) | f67v2 Diagram Exterior 2 (okeey), f86v3 Jet Figure #2 (ceeedaiin, qokaiin, qokeey, ytaiin), Rosette #4 Compartment #1 (okeedy), Rosette #4 Compartment #2 (kcey, qokedy), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #7 (qokal), Rosette #4-5 Bridge #2 (cseeal) | 0.12039 |
| f107r #4 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (cseal, ceear), ek[yoa] (cseeky), o[fptk]ai4n (otain, qokaiin), o[tk]e0-4y (okeeey), oi (oiin), otar variants (otar) | f68r3 Star Quadrant #7 (otceal), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (ceekaj, cseor, oiin, otar) | 0.12248 |
| f107r #5 | 6 | oe0-4s (os), otai0-4n (otaiin, qotaiin) | f86v3 Jet Figure #3 (otaiin, qotaiin), Rosette #6-7 Bridge Interior West (osy) | 0.06164 |
| f107r #6 | 2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), o[tk]e0-4y (okeeey), oa (oaiin), oe0-4s (osy), opal variants (opal) | f85r2 Quadrant 1 (ceol), Rosette #2 Interior Ring (opal, yky), Rosette #2 Outer Ring (oaiin), Rosette #2 Protrusion Top (osal) | 0.06383 |
| f107r #7 | 9 | ce4a (csear), o[fptk]ai4n (okaiiin, okaiin, okain), okal variants (qokal), okar variants (okair), ola (olal) | Rosette #9 Outer Ring Sentence #1 (okal), Rosette #9 Outer Ring Sentence #2 (csear, okaiiin, okar, olar) | 0.10784 |
| f107r #8 | 3 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (ceody, ceeody), ce4a (cear), o[fptk]c + e0-4dy (qokcedy), okal variants (okal, qokal), om (om), otar variants (otair) | f67v2 East-Oriented Text (dcseog), f68v3 Sides #2 (ceeody), Rosette #3 Outer Ring Sentence #1 (cseal, okom, otar, otody, qokal, qotcedy), Rosette #3 Outer Ring Sentence #2 (okal) | 0.12503 |

| | | | | |
|---|---|---|---|---|
| f107r #9 | 3 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [fptk]ai4[dlrsmg \| n] (kar), o[fptk]c + e0-4y (otcey), okal variants (ykal), or[yoa] (orol), otar variants (otar) | f67v2 East-Oriented Text (dcseog), Rosette #3 Diagram Interior #2 (okalain), Rosette #3 Diagram Interior #3 (oraiin), Rosette #3 Outer Ring Sentence #1 (kar, okcsey, otar) | 0.08762 |
| f107r #10 | 3 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (lceeol), [yo][fp]a (opal), ce4a (cseal), okal variants (okal), okar variants (okar), otar variants (otar) | f67v2 East-Oriented Text (dcseog), Rosette #3 Diagram Interior #1 (ofairy), Rosette #3 Outer Ring Sentence #1 (cseal, okar, otar), Rosette #3 Outer Ring Sentence #2 (okal) | 0.09349 |
| f107r #11 | 6 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor), ceckey relatives (ceckey), o[fptk]ai4n (okaiin), otai0-4n (otaiin, qotaiin), otar variants (otar) | f69r Labeled Interior Bar #9 (ceor), f86v3 Jet Figure #3 (otaiin, qotaiin), Rosette #6 Outer Ring (ceckey, otar) | 0.07401 |
| f107r #12 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (ceo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), o[fptk]ai4n (okaiin, qokaiin, qokain, qotaiin), oe sans oy + oe4y, oe0-4s (oeeedy), oi (oiin), okal variants (okal, qokal), ol[tk] (olkar), opce0-4dy (opceedy), ora (orar), otal variants (otal), otam variants (otam), otar variants (otair) | f68r3 Star Quadrant #8 Wand/Branch (ceeol), f69r Labeled Interior Bar #14 (ceotal), f69r Labeled Interior Bar #15 (cseo), f85r2 Quadrant 4 (qokal), f86v3 Jet Figure #4 (olkar, opceedy, otam, qokaiin, qokain), Rosette #7-8 Bridge #1 (soiiin), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Exterior Label #2 (yoe**ais), Rosette #8 Outer Ring (okaiin, okal, otar), Rosette #8 Smokestack (orarol) | 0.17941 |
| f107r #13 | 4 | o[fptk]ai4n (qokaiin), o[tk]e0-4y (oteey, okeey), otal variants (otal) | f67v2 Diagram Exterior 2 (okeey), f86v3 Jet Figure #2 (oteey, qokaiin), Rosette #4 Outer Ring (otal) | 0.07238 |
| f107r #14 | 4 | o[fptk]ai4n (okain, qokaiin), o[fptk]e4dy (qokeedy), opal variants (opal), otai0-4n (otaiin), otal variants (otal), yodai0-4n (qodaiin) | f86v3 Jet Figure #2 (otaiin, qodaiin, qokaiin, ytaiin), Rosette #4 Compartment #4 (oteedy), Rosette #4 Outer Ring (opal, otal) | 0.12224 |
| f107r #15 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), o[fptk]ai4n (ytaiin), o[fptk]c + e0-4y (otcey), o[tk]e0-4y (oty, qoky), okar variants (okair), om (om), otai0-4n (otaiin, otain, qotaiin), otal variants (otal) | f85r2 Quadrant 2 (qotaiin), f86v3 Jet Figure #2 (ceeeor, om, otaiin, qoky, ytaiin), Rosette #4 Compartment #8 (ceeyky), Rosette #4 Outer Ring (okary, otal, otecseey) | 0.12439 |
| f107v #1 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [yo]c + e4dy (oceedy), [yo]dy endings (ceody), eky (ceeky), kc-initial (kcey), o[fptk]ai4n (qokaiin, qokain), o[fptk]e4dy (otedy, qokedy), oe0-4s (oteos), okar variants (qokar), ol[tk] (olkair), otai0-4n (otaiin), otal variants (otal), otar variants (otar) | f67v2 Diagram Exterior 2 (osalal), f85r2 Quadrant 2 (qokar), f86v3 Jet Figure #2 (ceeeor, oceedy, otaiin, qokaiin, ytaiin), Rosette #4 Compartment #1 (ceeky), Rosette #4 Compartment #2 (kcey, qokedy), Rosette #4 Compartment #4 (opceody), Rosette #4 Outer Ring (olkar, otal, otar, otedy) | 0.17085 |
| f107v #2 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseeo), o[fptk]ai4n (okaiin, qokain, qotaiin), o[tk]e0-4y (qokeey, oky), okal variants (qokal), opce0-4dy (opceedy), otar variants (ytar) | f67v2 Protrusion #1 (okeeey), f69r Labeled Interior Bar #15 (cseo), f85r2 Quadrant 4 (qokal), f86v3 Jet Figure #4 (opceedy, qokain, qokeey), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (okaiin, otar) | 0.11708 |
| f107v #3 | 4 | o[fptk]ai4n (qokaiin, qokain), o[fptk]e4dy (qokedy, qotedy), o[tk]e0-4y (qoky), okol variants (qokol), yodai0-4n (cseodaiin) | f86v3 Jet Figure #2 (qokaiin, qoky, ytaiin), Rosette #4 Compartment #1 (cseodaiiin, okol), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #4 (oteedy) | 0.11275 |
| f107v #4 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, lceeol), [yo]dy endings (ceeody), o[fptk \| dlrsmg][ao]m (otam), o[fptk]ai4n (okaiin, okain, qokaiin, qokain), o[fptk]c + e0-4dy (okceedy), o[tk]e0-4y (okeey, qokeey), okal variants (qokal, okal), okar variants (qokar), otai0-4n (qotaiin, otain), otal variants (otal), otol variants (otol), yodai0-4r (odar) | f67v2 Diagram Exterior 2 (okeey), f68v3 Sides #3 (okal), f85r2 Quadrant 2 (qokar, qotaiin), f86v3 Jet Figure #2 (ceeeor, qokaiin, qokeey, ytaiin), Rosette #4 Compartment #4 (opam, opceody), Rosette #4 Compartment #5 (otol), Rosette #4 Compartment #7 (opceedy, qokal), Rosette #4 Outer Ring (odar, otal) | 0.20451 |
| f107v #5 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fptk]e4od + y (qokeody), ceckey relatives (ceckey), l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] (lkam), o[fptk]ai4n (okaiin, otaiin, qokain), o[fptk]e4dy (otedy), okal variants (okal), olai0-4n (olaiin), opai0-4n (opaiin) | f67v2 Diagram Exterior 4 (ceol), f68r3 Star Quadrant #8 Wand/Branch (ceeol), f85r2 Quadrant 4 (ceckey, olaiin, qokeody), f86v3 Jet Figure #4 (opaiin, qokain), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Exterior Label #7 (dceos), Rosette #8 Outer Ring (lsaiin, okaiin, okal, oteedy) | 0.19296 |
| f107v #6 | 3 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (taiin), [yo][fp]a (opal), [yo]dy endings (ceeody), cedai4[lrsm \| n] (cedar), kc-initial (kceedy), o[lr]a (olaiin), okal variants (okal), okol variants (qokol), otal variants (otal), otar variants (otar) | f67v2 East-Oriented Text (dcseog), f68r3 Star Quadrant #2 (kcey), f68r3 Star Quadrant #3 (qokol), f68v1 Exterior Stars #4 (otaly), f68v3 Sides #2 (ceeody), Rosette #3 Diagram Interior #1 (ofairy), Rosette #3 Diagram Interior #3 (oraiiin), Rosette #3 Outer Ring Sentence #1 (cedar, kar, otar), Rosette #3 Outer Ring Sentence #2 (okal) | 0.16061 |
| f107v #7 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), ce4a (cear), olai0-4n (olaiin), otal variants (otal) | f67v2 Protrusion #3 (cear), f86v3 Jet Figure #2 (ceeeor), Rosette #4 Compartment #4 (olaiiin), Rosette #4 Outer Ring (otal) | 0.09681 |
| f107v #8 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (ceeody), o[fptk]ai4n (qokain, okaiin, okain), o[fptk]c + e0-4y (okceey), o[tk]e0-4y (oty), okol variants (okol), opce0-4y (opceey), ora (oraiin), otal variants (otal) | f67v2 Diagram Exterior 4 (okol), f67v2 Protrusion #1 (okeeey), f68r3 Star Quadrant #8 Wand/Branch (ceeol), f68v2 Stars #8 (ypcey), f69r Labeled Interior Bar #14 (ceotal), f69r Labeled Interior Bar #15 (cseo), f86v3 Jet Figure #4 (aceeody, qokain), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (okaiin), Rosette #8 Smokestack (orarol) | 0.11594 |
| f107v #9 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin, okain, otaiin, qokaiin), o[fptk]c + e0-4dy (qokceedy), o[fptk]e4dy (qokeedy), o[tk]e0-4y (qokeey, qoky, qoty) | f68r3 Star Quadrant #7 (qokeey), f68v1 Exterior Stars #7 (oteodain), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (qotedy) | 0.12992 |
| f107v #10 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), o[fptk]ai4n (okaiin, okain, qokaiin, ykaiin, otaiin), o[fptk]c + e0-4y (otceey), o[fptk]e4dy (okedy), oa (oaiin), orai0-4n (orain), yodai0-4n (odain, qodaiin) | f67v2 Diagram Exterior 4 (ceol), f85r2 Quadrant 4 (orain, qodaiin), f86v3 Jet Figure #4 (otceey, qokaiin, ykaiin), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (oas, okaiin, okedy, olkeeodaiin) | 0.16771 |
| f107v #11 | 2 | cectey relatives (cectey), o[fptk]ai4n (qokaiin), o[fptk]e4dy (qokeedy), okar variants (okar), yodai0-4n (odain) | f86v3 Jet Figure #1 (cectey, qokaiin, qokeedy), Rosette #2 Bottom Exterior Label (okar), Rosette #2 Outer Ring (okodain) | 0.10596 |
| f107v #12 | 1 | o[fptk]ai4n (okaiin, okain, qokaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (okceey), o[tk]e0-4y (oteey), okal variants (okal), okol variants (qokol), ol[tk] (olkaiin) | f68r3 Star Quadrant #8 (qokol), Rosette #1 Outer Ring (okain, okal, okcegy, olkaiin, yky) | 0.13847 |
| f107v #13 | 8 | [fptk]e0-4y (keey), [yo][fptk]e4o (okeeo), o[fptk]ai4n (qokain), o[tk]e0-4y (qokeey, oteey), orai0-4n (orain) | f69r Labeled Interior Bar #15 (okeo), f85r2 Quadrant 4 (orain), f86v3 Jet Figure #4 (keeey, oteey, qokain, qokeey) | 0.12735 |
| f107v #14 | 4 | aro[dlrsmg] (arody), ceckey relatives (ceckey), o[tk]e0-4y (qokeey), opce0-4y (opceey) | f86v3 Jet Figure #2 (qokeey), Rosette #4 Compartment #4 (opceey), Rosette #4 Compartment #6 (oparod), Rosette #4 Outer Ring (ceckey) | 0.13874 |
| f107v #15 | 7 | [yo]dy endings (ceody), o[fptk]ai4n (okain, otain), o[fptk]e4dy (oteedy, qokeedy), o[tk]e0-4y (qokeey, qoky, qoteey, oteey), yodai0-4n (odain) | f68r3 Star Quadrant #7 (qokeey), f68v1 Exterior Stars #7 (oteodain), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (qotedy) | 0.12918 |
| f108r #1 | 5 | [yo]dy endings (ody), o[fptk]e4dy (okedy, otedy, qokeedy), o[fptk]edal (okedal) | Rosette #5 Compartment #10 (otedy), Rosette #5 Compartment #5 (okedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Outer Ring (ody, okedal) | 0.10598 |
| f108r #2 | 5 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (cear), cedai4[lrsm \| n] (cedar), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (okceey), o[fptk]c + e0-4dy (qokceedy), o[fptk]e4dy (qokedy, qokeedy, qotedy, okedy, otedy), o[tk]e0-4y (oteey, okeey, qokeey), o-axis of [yo][fptk][ao][lr] (otol), okar variants (okar) | f67v2 South-Oriented Text (okolarm), f68r3 Star Quadrant #5 (dcseol), f68v1 Exterior Stars #5 (okeey), Rosette #4-5 Bridge #1 (okar), Rosette #4-5 Bridge #2 (cseeal), Rosette #5 Compartment #10 (otedy), Rosette #5 Compartment #3 (okcedy), Rosette #5 Compartment #5 (okedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (yky) | 0.18134 |
| f108r #3 | 5 | [fptk]ai4[dlrsmg \| n] (taiin), [yo]dy endings (ody), o[fptk]e4dy (okedy, okeedy, ykeedy), o[tk]e0-4y (qoteey, okeey, okey, oteey), okar variants (qokar), otar variants (qotar) | f68v1 Exterior Stars #5 (okeey), f69r Labeled Interior Bar #5 (okey, tam), Rosette #5 Compartment #5 (okedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Outer Ring (ody, okair, otar, yky) | 0.12610 |
| f108r #4 | 8 | o[fptk]ai4n (okaiin, qokaiin), o[fptk]c + e0-4y (okceey), o[tk]e0-4y (okeey, ykeey), okal variants (okal), ol[yoa] (oly), otal variants (otal), yodai0-4n (odaiin) | f67v2 Protrusion #1 (okeeey), f68v2 Stars #8 (ypcey), f69r Labeled Interior Bar #14 (ceotal), f86v3 Jet Figure #4 (qokaiin, ykeey), Rosette #8 Exterior Label #6 (olal), Rosette #8 Outer Ring (okaiin, okal, olkeeodaiin) | 0.12373 |
| f108r #5 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol, cseor), ceckey relatives (ceckey), o[fptk]ai4n (okain, qokaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (opcedy), o[fptk]c + e0-4dy (okceedy), o[tk]e0-4y (qokeey), oe sans oy + oe4y, oe0-4s (qoeedy), ofal variants (ofal), okal variants (qokal), ol[tk] (olkaiin), orai0-4n (orain) | f67v2 Diagram Exterior 4 (ofal), f68v2 Stars #8 (ypcey), f85r2 Quadrant 4 (ceckey, orain, qokal), f86v3 Jet Figure #4 (cseor, okceedy, qokaiin, qokeey), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Exterior Label #2 (yoe**ais), Rosette #8 Outer Ring (cseol, olkeeodaiin) | 0.16975 |
| f108r #6 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), o[fptk]ai4n (okain), o[fptk]e4dy (okedy, okeedy, otedy, qokedy, qokeedy), o[fptk]eda[lrsm \| n] (okedaiin), o-axis of [yo][fptk][ao][lr] (qokol), okal variants (okalol), okol variants (okol), om (om) | f67v2 Diagram Exterior 4 (ceol, okol), f86v3 Jet Figure #4 (qokedy), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (okalol, okedy, okeedy, okor, om, otdar, oteedy) | 0.13531 |
| f108r #7 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), o[fptk]ai4n (okain, qokaiin), o[fptk]e4dy (qotedy), oe sans oy + oe4y, oe0-4s (qoeedy), otal variants (otal) | f85r2 Quadrant 2 (oloeorain), f86v3 Jet Figure #2 (ceeeor, qokaiin, ytaiin), Rosette #4 Compartment #4 (oteedy), Rosette #4 Outer Ring (otal) | 0.08198 |
| f108r #8 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (cear), cedai4[lrsm \| n] (cedal, cedar), o[fptk]ai4n (okaiin, otaiin), o[fptk]c + e0-4dy (opceedy), o[fptk]e4dy (okedy, qotedy, qokedy, qokeedy), o[fptk]eda[lrsm \| n] (okedam), o[tk]e0-4y (okeey, qokeey), okal variants (okal, qokal) | f68r3 Star Quadrant #7 (otceal, qokeey), f68v2 Star Divider #7 (dceedal), f69r Labeled Interior Bar #12 (okeey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #3 (otcedy), Rosette #7 Outer Ring (cseor, okal, oteedaiiin, qotedy) | 0.17959 |
| f108r #9 | 4 | cedai4[lrsm \| n] (ceedal), o[fptk]c + e0-4dy (okceedy), o[fptk]e4dy (okedy, okeedy, otedy), otai0-4n (qotaiin) | f85r2 Quadrant 2 (qotaiin), Rosette #4 Compartment #1 (okeedy), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #7 (opcedy), Rosette #4 Outer Ring (ceedal, otedy) | 0.11976 |
| f108r #10 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), ceckey relatives (ceckey), o[fptk]ai4n (okain), o[fptk]e4dy (okedy, otedy, qokedy, qokeedy, qotedy), okal variants (qokal), okar variants (okar), otal variants (otal) | f86v3 Jet Figure #2 (ceeeor, ytaiin), Rosette #4 Compartment #1 (okar), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #7 (qokal), Rosette #4 Outer Ring (ceckey, otal, otedy) | 0.21622 |
| f108r #11 | 4 | cedai4[lrsm \| n] (cedar, ceedal), o[fptk]e4dy (okedy, okeedy), okal variants (qokal), opce0-4dy (opcedy), opce0-4y (opceey) | Rosette #4 Compartment #1 (okeedy), Rosette #4 Compartment #4 (opceey, oteedy), Rosette #4 Compartment #7 (opcedy, qokal), Rosette #4 Outer Ring (cecedam, ceedal) | 0.12790 |
| f108r #12 | 7 | [tk]c-Initial (tceedy), [yo]dy endings (dceeeody), o[fptk]e4dy (otedy, qokeedy), o[tk]e0-4y (qokeey, okeey) | f68r3 Star Quadrant #6 (dceeeody), f68r3 Star Quadrant #7 (qokeey), f69r Labeled Interior Bar #12 (okeey), Rosette #7 Outer Ring (otedy, qotedy, tcseed) | 0.12135 |
| f108r #13 | 5 | [ao][lr][ao][lr] Pipe/Flow (olal), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]e4dy (otedy, oteedy, okedy, okeedy, qokedy, qokeedy, qotedy), o[tk]e0-4y (qokeey, okeey, okey), okar variants (qokar, okar), om + o[fptk \| dlrsmg]am (otam) | f68r3 Star Quadrant #5 (dcseol), f68v1 Exterior Stars #5 (okeey), f69r Labeled Interior Bar #5 (okey), Rosette #4-5 Bridge #1 (okar), Rosette #5 Compartment #10 (otedy), Rosette #5 Compartment #5 (okedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (keeody, okair, sarol, yky) | 0.19128 |
| f108r #14 | 5 | [fptk]e0-4y (keey), cedai4[lrsm \| n] (cedar), o[fptk]e4dy (okedy, otedy, oteedy, qokedy, qokeedy, yteedy), o[tk]e0-4y (qokeey, okeey) | f68v1 Exterior Stars #5 (okeey), f68v3 Stars #3 (keey), Rosette #5 Compartment #10 (otedy), Rosette #5 Compartment #5 (okedy), | 0.19440 |

| | | | | |
|---|---|---|---|---|
| | | | Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (yky) | |
| f108v #1 | 7 | ce4a (cseal), o[fptk]ai4n (okain), o[fptk]e4dy (otedy, qokedy, qokeedy, qotedy), o[tk]e0-4y (oteey) | f68r3 Star Quadrant #7 (otceal), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Outer Ring (otedy, qotedy) | 0.09248 |
| f108v #2 | 5 | cedai4[lrsm \| n] (ceedal), o[fptk]c + e0-4dy (otceedy), o[fptk]e4dy (oteedy, qokedy, qokeedy, okedy, okeedy), o[fptk]edal (otedal), o[tk]e0-4y (qokeey, otey, oty, okeey), okal variants (okal, qokal), okar variants (qokar, okar, okair), ol[tk] (ceolkain), om + o[fptk \| dlrsmg]am (om) | f68v1 Exterior Stars #5 (okeey), f68v3 Stars #3 (qokal), Rosette #4-5 Bridge #1 (okar), Rosette #5 Compartment #3 (okcedy), Rosette #5 Compartment #5 (okedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (okair, okal, okedal, olky, yky) | 0.18855 |
| f108v #3 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [tk]e4o (teeody), ceckey relatives (ceckey), o[fptk]e4dy (qokedy, qokeedy), o[tk]e0-4y (qokeey, okeey), olai0-4n (olaiin), or[yoa] (oral) | f67v2 Diagram Exterior 2 (okeey), f86v3 Jet Figure #2 (ceeeor, qokeey), Rosette #4 Compartment #2 (keo, qokedy), Rosette #4 Compartment #4 (olaiiin, oteedy), Rosette #4 Outer Ring (ceckey, oror) | 0.15115 |
| f108v #4 | 7 | [tk]e4dy (tedy), o[fptk]ai4n (qokain), o[fptk]e4dy (okedy), o[tk]e0-4y (okeey, okey, oty, qokeey) | f68r3 Star Quadrant #7 (qokeey), f69r Labeled Interior Bar #12 (okeey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #5 (cekeedy), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (oty, qotedy) | 0.08847 |
| f108v #5 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, cseol), [yo]dy endings (ceeody), ce4a (cear), cedai4[lrsm \| n] (ceedar), o[fptk]ai4n (okaiin, otaiin), o[fptk]e4dy (otedy, qotedy), o[tk]e0-4y (okeey), okal variants (okal), otar variants (otar), yodai0-4r (odar) | f68r3 Star Quadrant #7 (otceal), f68v2 Star Divider #6 (odair), f68v2 Star Divider #7 (dceedal), f69r Labeled Interior Bar #11 (ceeody), f69r Labeled Interior Bar #12 (okeey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Outer Ring (cseor, okal, otar, otedy, qotedy) | 0.11958 |
| f108v #6 | 2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), o[fptk]e4dy (qokeedy), otai0-4n (otain) | f85r2 Quadrant 1 (ceol), f86v3 Jet Figure #1 (otain, qokeedy) | 0.06312 |
| f108v #7 | 5 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), c \| cs + e0-4[dlrsmg] (cseed), cedai4[lrsm \| n] (cseedaiin, ceedar), o[fptk]e4dy (otedy, oteedy, qokedy, qokeedy, qotedy), o[tk]e0-4y (oteey) | f68r3 Star Quadrant #5 (dcseol), Rosette #5 Compartment #10 (otedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (yky), Rosette #5-6 Bridge #1 (cseed) | 0.14566 |
| f108v #8 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [tk]e4dy (tedy), [yo]dy endings (okeody), ce4a (ceear, cseeal), cedai4[lrsm \| n] (ceedaiin, ceedar), o[fptk]ai4n (okain, otaiin, qokain, qotaiin), o[fptk]e4dy (qotedy, qokedy, qokeedy, otedy, oteedy, okeedy), o[tk]e0-4y (okeey, oteey, ceoteey, qokeey, okey, ykeey), oce4y (oceey), okal variants (qokal), olo (olor), yodai0-4n (cseodain) | f68r3 Star Quadrant #7 (otceal, qokeey), f68v1 Exterior Stars #7 (oteodain), f68v2 Star Divider #7 (dceedal), f68v3 Sides #4 (oceey), f69r Labeled Interior Bar #12 (okeey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #5 (cekeedy), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (cseor, okal, olor, otedy, qotedy) | 0.26354 |
| f111r #1 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (lceeol), ce4a (csear), cedai4[lrsm \| n] (cedar), et[yoa] (ceetal), o[fptk]ai4n (otain), o[fptk]e4dy (oteedy, qokedy), o[fptk]edal (okedal), o[tk]e0-4y (okeey, qokeey, oteey) | f68r3 Star Quadrant #7 (otceal, qokeey), f68v1 Exterior Stars #8 (cpceety), f68v2 Star Divider #7 (dceedal), f69r Labeled Interior Bar #12 (okeey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Outer Ring (cseor, okedal, qotedy) | 0.12680 |
| f111r #2 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [yo]dy endings (ceody, oteody, qokeody), ce4a (cear), cedai4[lrsm \| n] (ceedar), ek[yoa] (ceeky), eka (cseekal), o[fptk]ai4n (qokain, okain), o[fptk]c + e0-4dy (qotcedy, qotceedy), o[fptk]c + e0-4y (qotceey), o[fptk]e4dy (okeedy, qokedy, qokeedy, otedy, oteedy), o[tk]e0-4y (oteey, otey, oty, qokeey, okeey, okey, qoteey, ykeey, qoky), oa (soaiin, oaiin), oce4y (oceey), oce4y + infixed versions (ockey), oe0-4s (ceeos), oi (oir), olai0-4n (olaiiin), ora (oraiin, orain), otar variants (otar), yodai0-4n (odaiin) | f68r3 Star Quadrant #7 (otceal, qokeey), f68v1 Exterior Stars #7 (oteodain), f68v2 Star Divider #7 (dceedal), f68v3 Sides #4 (oceey), f69r Labeled Interior Bar #12 (okeey), f69r Labeled Interior Bar #13 (dkocey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #3 (otcedy), Rosette #7 Left Label #4 (okcey), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (ceekaj, cseor, oiin, olaiiin, olkoaiiin, orar, otar, otedy, otosaiiin, oty, qotedy) | 0.25555 |
| f111r #3 | 5 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]e0-4y (keey), [yo]dy endings (ceeody), ceckey relatives (ceckey), o[fptk]e4dy (okedy, okeedy, otedy, oteedy, qokeedy), o[tk]e0-4y (qokeey, okeey) | f68r3 Star Quadrant #5 (dcseol), f68v1 Exterior Stars #5 (okeey), f68v3 Sides #3 (ceckey), f68v3 Stars #3 (keey), Rosette #5 Compartment #10 (otedy), Rosette #5 Compartment #5 (okedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Outer Ring (keeody, yky) | 0.11086 |
| f111r #4 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseeo), [fptk]e0-4y (keeey, keey), [yo][fptk]e4d (oteed), [yo][fptk]e4o (okeeo), ce4a (cseal), o[tk]e0-4y (okeey, oty, qokeey, qoky) | f67v2 Protrusion #1 (okeeey), f69r Labeled Interior Bar #15 (cseo, okeo), f86v3 Jet Figure #4 (ceallkar, keeey, qokeey), Rosette #8 Outer Ring (oteed) | 0.07790 |
| f111r #5 | 8 | [fptk]e0-4y (keeey), ceckey relatives (ceckey), o[fptk]ai4n (qokaiin, qokain), o[fptk]e4dy (qokeedy), o[tk]e0-4y (qokeey, okeey) | f67v2 Protrusion #1 (okeeey), f85r2 Quadrant 4 (ceckey), f86v3 Jet Figure #4 (keeey, qokaiin, qokain, qokeey), Rosette #8 Outer Ring (oteedy) | 0.10863 |
| f111r #6 | 4 | ce4a (cear, cseeal), ceckey relatives (ceckey), o[fptk]ai4n (qokaiin), o[fptk]c + e0-4y (okcey), o[tk]e0-4y (qokeey), okal variants (qokal, okal), otai0-4n (otain) | f67v2 Protrusion #3 (cear), f68v3 Sides #3 (okal), f85r2 Quadrant 2 (qotain), f86v3 Jet Figure #2 (qokaiin, qokeey), Rosette #4 Compartment #7 (qokal), Rosette #4 Outer Ring (ceckey, otecseey), Rosette #4-5 Bridge #2 (cseeal) | 0.12555 |
| f111v #1 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [tk]c-Initial (lcey), [yo][fptk]e4d (oteed), [yo][fptk]e4o (okeeo), c \| cs + e0-4[dlrsmg] (cseed), ce4a (cseal, ceear), ceckey relatives (ceeckey, ceckeey, ceckey), cedai4[lrsm \| n] (ceedar), l[drs] Prefixes (ldy, ls), l-prefix + [fptk \| dlrsmg]ai4[dlrsmg \| n] (lkam), o[fptk]ai4n (okaiin, okain, otain, qokaiin, qokain, qotaiin), o[fptk]c + e0-4y (otceey), o[fptk]e4dy (otedy, oteedy, okedy, qotedy, qokedy, qokeedy), o[tk]e0-4y (qokeey, okeeey, okeey), oa (oaiin), okal variants (qokal), okc + e4or (okceor), otal variants (otal), otar variants (otar) | f67v2 Diagram Exterior 4 (ceol), f67v2 Protrusion #1 (okeeey), f68r3 Star Quadrant #8 Wand/Branch (ceeol), f69r Labeled Interior Bar #14 (ceotal), f69r Labeled Interior Bar #15 (cseo, okeo), f85r2 Quadrant 4 (ceckey, qokal), f86v3 Jet Figure #4 (ceallkar, ceeckey, okceor, otceey, qokaiin, qokain, qokedy, qokeey, tceeod), Rosette #8 (okcedarar), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (cseees, lsaiin, oas, okaiin, okedy, otar, oteed, oteedy) | 0.22108 |
| f111v #2 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseeo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (csear, cear, ceear), lc-initial (lceeol), o[fptk]ai4n (okaiin, okain, otain, qokaiin, qokain), o[fptk]c + e0-4dy (qokcseedy), o[tk]e0-4y (qoky), okal variants (qokal, okal) | f67v2 Protrusion #1 (okeeey), f68r3 Star Quadrant #8 Wand/Branch (ceeol), f69r Labeled Interior Bar #15 (cseo), f85r2 Hand-Raisers 4 (lceeol), f85r2 Quadrant 4 (qokal, qokcseedy), f86v3 Jet Figure #4 (ceallkar, qokaiin, qokain), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (okaiin, okal) | 0.12408 |
| f111v #3 | 9 | ce4a (ceear), o[fptk]ai4n (okain, otain, qokain), ol[tk] (olkar) | Rosette #9 Outer Ring Sentence #1 (cseax), Rosette #9 Outer Ring Sentence #2 (okaiiin, olkalor) | 0.05288 |
| f111v #4 | 8 | o[fptk]ai4n (otain, qokain), o[fptk]c + e0-4y (otceey), o[tk]e0-4y (qokeey) | f86v3 Jet Figure #4 (otceey, qokain, qokeey), Rosette #8 Exterior Label #1 (ofain) | 0.09332 |
| f111v #5 | 1 | l[drs] Prefixes (ldy), o[fptk]ai4n (qokain) | Rosette #1 Outer Ring (ldy, okain) | 0.05767 |
| f111v #6 | 4 | ce4a (cear), eka (cekar), o[fptk]ai4n (okain) | f67v2 Protrusion #3 (cear), f86v3 Jet Figure #2 (ytaiin), Rosette #4 Outer Ring (ceekaiiin) | 0.05471 |
| f111v #7 | 4 | o[fptk]ai4n (okaiin, qokain), o[lr]o (olor), okar variants (qokar, okar), opce0-4dy (opceedy), otar variants (otar, qotar) | f85r2 Quadrant 2 (qokar), f86v3 Jet Figure #2 (ytaiin), Rosette #4 Compartment #1 (okar), Rosette #4 Compartment #8 (opceedy), Rosette #4 Outer Ring (oror, otar) | 0.09424 |
| f111v #8 | 8 | ce4a (ceear, csear), ceckey relatives (ceckey), o[fptk]ai4n (okaiin, okain, otain, qokain), o[fptk]e4dy (oteedy, qokeedy, okedy, okeedy), o[tk]e0-4y (qokeey, oteey), oa (oaiin), okal variants (qokal), olai0-4n (olaiin) | f85r2 Quadrant 4 (ceckey, olaiin, qokal), f86v3 Jet Figure #4 (ceallkar, oteey, qokain, qokeey), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (oas, okaiin, okedy, okeedy, oteedy) | 0.14600 |
| f111v #9 | 4 | ce4a (cseeal), ceckey relatives (ceckeey, ceckey), o[fptk]ai4n (okain), o[tk]e0-4y (okeeey, qokeey), opce0-4dy (opceedy), opce0-4y (opceey), so (sol) | f85r2 Quadrant 2 (ceckeey), f86v3 Jet Figure #2 (qokeey, ytaiin), Rosette #4 Compartment #3 (soa), Rosette #4 Compartment #4 (opceey), Rosette #4 Compartment #8 (ceeyky, opceedy), Rosette #4 Outer Ring (ceckey), Rosette #4-5 Bridge #2 (cseeal) | 0.10404 |
| f111v #10 | 1 | o[fptk]ai4n (okain, otain, qokain), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (opcey), o[tk]e0-4y (okeey), ory (sory) | Rosette #1 Outer Ring (okain, okcegy, yky), Rosette #1 Quadrant #10 (okory) | 0.09739 |
| f112r #1 | 5 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (taiin), [fptk]e0-4y (keey), [yo]dy endings (ody, dody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]c + e0-4dy (qotceedy), o[fptk]c + e0-4y (qokcey), o[fptk]e4dy (qokeedy, oteedy), o[fptk]ody (otody), o[tk]e0-4y (oty, oteey, qokeey, okeeey, okeey), okod variants (okody), ola (olaiin), otar variants (otair, otar), x (xar), yodai0-4n (qodain) | f67v2 South-Oriented Text (okolarm), f68r3 Star Quadrant #5 (dcseol, qokcey), f68v3 Sides #3 (okeey), f68v3 Stars #3 (keey), f69r Labeled Interior Bar #5 (tam), Rosette #5 Compartment #3 (okcedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (keeody, odaiiin, ody, okody, otar, xdor, yky) | 0.24009 |
| f112r #2 | 4 | [tk]c-Initial (tceedy), o[fptk]c + e0-4dy (otceedy), o[fptk]e4dy (oteedy, okeedy, qokedy), o[tk]e0-4y (qokeey, qoteey, okeey, oteey, otey), otai0-4n (otaiin) | f67v2 Diagram Exterior 2 (okeey), f85r2 Quadrant 2 (otceedy, tceedy), f86v3 Jet Figure #2 (otaiin, oteey, qokeey, qoteey), Rosette #4 Compartment #1 (okeedy), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #8 (ceeyky) | 0.21769 |
| f112r #3 | 1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [yo]dy endings (ceody), o[fptk]ai4n (otain), o[fptk]e4dy (otedy, qokeedy, okedy), o[tk]e0-4y (qokeey), okal variants (okal) | f67v2 North-Oriented Text (dceeeor), f68v3 Sides #1 (ceody), Rosette #1 Outer Ring (okain, okal, otedy, yky), Rosette #1 Quadrant #4 (okedy) | 0.09611 |
| f112r #4 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (ody), eky (cseeky), ke4o (keody), o[fptk]e4dy (okeedy), o[tk]e0-4y (okeeey, qokeey, qoky), otal variants (otaly) | f68v1 Exterior Stars #4 (otaly), f68v3 Sides #3 (ody), f68v3 Stars #2 (cseeky), f86v3 Jet Figure #2 (ceeeor, qokeey, qoky), Rosette #4 Compartment #1 (okeedy), Rosette #4 Compartment #2 (keo), Rosette #4 Compartment #8 (ceeyky) | 0.10005 |
| f112r #5 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor), o[fptk]e4dy (okeedy, otedy, qokedy), o[tk]e0-4y (oty, okey) | Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (cseor, otedy, oty, qotedy) | 0.08151 |
| f112r #6 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo][fptk]e4od + y (okeody), ceckey relatives (ceckey), o[fptk]ai4n (okaiin, qokain), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (ytceedy), o[fptk]e4dy (qokedy, qokeedy, otedy), o[tk]e0-4y (oteey, qokeey), ol[yoa] (olor), opce0-4dy (opceedy) | f67v2 Diagram Exterior 4 (ceol), f68v2 Stars #8 (ypcey), f85r2 Quadrant 4 (ceckey), f86v3 Jet Figure #4 (opceedy, oteey, qokain, qokedy, qokeey, yteedy), Rosette #8 Exterior Label #6 (olal), Rosette #8 Outer Ring (okaiin, oteedy) | 0.14089 |
| f112r #7 | 7 | [ao][lr][ao][lr] Pipe/Flow (sarol), cedai4[lrsm \| n] (ceedal), o[fptk]ai4n (okaiin, otain), o[tk]e0-4y (oteey) | f68v2 Star Divider #7 (dceedal), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Outer Ring (orar) | 0.07301 |
| f112r #8 | 2 | a[dlrsmg]am (aram), a[lr]an (araiin), o[fptk]c + e0-4dy (qokcedy), o[fptk]e4dy (otedy, qotedy, okeedy), o[tk]e0-4y (okeey, qoky), okar variants (qokar), ola (olaiin), sai4n (sain) | f68r3 Star Quadrant #1 (qokcedy), f85r2 Quadrant 1 (sain), f86v3 Jet Figure #1 (araiin), Rosette #2 Interior Ring (aram, oekairy, yky), Rosette #2 Outer Ring (okeedy, olar, oteoteedy), Rosette #2 Protrusion Exterior (otedy) | 0.16963 |
| f112r #9 | 8 | [yo][fptk]e4od + y (okeody), o[fptk]ai4n (qokaiin, okaiin), o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (qoky, okeey), okal variants (okal) | f67v2 Protrusion #1 (okeeey), f86v3 Jet Figure #4 (qokaiin, yteedy), Rosette #8 Outer Ring (okaiin, okal, okedy, okeedy, oteedy) | 0.18077 |
| f112r #10 | 9 | o[fptk]ai4n (okaiiin), o[fptk]c + e0-4dy (okceedy), o[fptk]c + e0-4y (okceey, okcey, qokcey), o[fptk]e4dy (otedy), o[lr]y (ory), okal variants (okal, qokal), okar variants (okar), opal variants (opal) | Rosette #9 Center #17 (otedy), Rosette #9 Center #9 (ypal), Rosette #9 Outer Ring Sentence #1 (okal, otcsee), Rosette #9 Outer Ring Sentence #2 (okaiiin, okar, okcedy, oly) | 0.15714 |
| f112r #11 | 1 | [yo][fptk]e4o (yteeo), [yo][fptk]e4od + y (oteody), [yo]dy endings (arody, ceody), [yo]e0-4[fp]e0-4[yo] (opor), o[fptk]ai4n (qokaiin), o[fptk]e4dy (okeedy, oteeedy), o[tk]e0-4y (okeeey, okeey, qokeey, yky), okar variants (okar, okary), ora (orar) | f68v3 Sides #1 (ceody), f69r Labeled Interior Bar #16 (oteody), Rosette #1 Outer Ring (ody, okain, okair, okeo, opy, oral, yky), Rosette #1 Quadrant #4 (okedy) | 0.14311 |
| f112v #1 | 7 | [yo]pa (opal), ce4a (ceear), o[fptk]ai4n (okaiin, okain), o[fptk]e4dy (okedy, qokeedy), o[tk]e0-4y (qokeey, qoky, oteey, oty, okeey, okey), | f68r3 Star Quadrant #7 (otceal, qokeey), f69r Labeled Interior Bar #12 (okeey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left | 0.17991 |

| | | | | |
|---|---|---|---|---|
| | | oa (oaiin, oar), okal variants (qokal), ora (oraiin), osa (osal) | Label #2 (opaiiino), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (oar, okal, olkoaiiin, orar, otosaiiin, oty, qotedy) | |
| f112v #2 | 4 | cedai4[lrsm \| n] (opcedar), eka (ceekaiiin), o[fptk]ai4n (okaiin), o[fptk]c + e0-4dy (qokcedy, okceedy), oa (soaiin), o-axis of [yo][fptk][ao][lr] (okor), okal variants (okal), okar variants (okar), oro (oror), otai0-4n (otaiin), otal variants (otal) | f68v3 Sides #3 (okal), f86v3 Jet Figure #2 (otaiin, ytaiin), Rosette #4 Compartment #1 (okar, okol), Rosette #4 Compartment #3 (soa), Rosette #4 Compartment #7 (opcedy), Rosette #4 Outer Ring (cecedam, ceekaiiin, oror, otal) | 0.16488 |
| f112v #3 | 4 | cedai4[lrsm \| n] (ceedaiin, ceedal), o[fptk \| dlrsmg][ao]m (otam), o[fptk]ai4n (qokaiin), o[fptk]c + e0-4dy (otceedy), o[fptk]e4dy (qokeedy), o[tk]e0-4y (qoty, oteey), ol[tk] (olky) | f85r2 Quadrant 2 (otceedy), f86v3 Jet Figure #2 (oteey, qokaiin, qoty), Rosette #4 Compartment #4 (opam, oteedy), Rosette #4 Outer Ring (cecedam, ceedal, olkar) | 0.11217 |
| f112v #4 | 8 | cedai4[lrsm \| n] (cedaiin), o[fptk]ai4n (qokain), o[fptk]e4dy (qokeedy, okeedy), o[tk]e0-4y (okeey, qokeey), oe4y (qoeeey), olai0-4n (olaiin), otal variants (otal), otam variants (qotam) | f67v2 Protrusion #1 (okeeey), f69r Labeled Interior Bar #14 (ceotal), f69r Labeled Interior Bar #15 (qotam), f85r2 Quadrant 4 (olaiin), f86v3 Jet Figure #4 (qokain, qokeey), Rosette #8 (okcedarar), Rosette #8 Outer Ring (okeedy, oteedy, qoeey) | 0.11206 |
| f112v #5 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), o[fptk]ai4n (qokaiin, qotaiin), o[fptk]e4dy (qokedy), o[tk]e0-4y (qokeey), oe sans oy + oe4y, oe0-4s (qoeedy) | f67v2 Diagram Exterior 4 (ceol), f68r3 Star Quadrant #8 Wand/Branch (ceeol), f86v3 Jet Figure #4 (qokaiin, qokedy, qokeey), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Exterior Label #2 (yoe**ais) | 0.11386 |
| f112v #6 | 4 | cedai4[lrsm \| n] (ceeedaiin), o[fptk]ai4n (okain), o[fptk]c + e0-4dy (otceedy), o[fptk]e4dy (qokeedy) | f85r2 Quadrant 2 (otceedy), f86v3 Jet Figure #2 (ceeedaiin, ytaiin), Rosette #4 Compartment #4 (oteedy) | 0.09925 |
| f112v #7 | 8 | ceckey relatives (ceeckey), o[fptk]ai4n (otaiin), o[fptk]e4dy (qokeedy), o[tk]e0-4y (qokeey) | f86v3 Jet Figure #4 (ceeckey, qokeey), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (oteedy) | 0.06284 |
| f112v #8 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), o[fptk]e4dy (okeedy, qotedy), o[fptk]eda[lrsm \| n] (okedal), o[tk]e0-4y (ykeey), oe4y (qoeey) | f68r3 Star Quadrant #8 Wand/Branch (ceeol), f86v3 Jet Figure #4 (ykeey), Rosette #8 Outer Ring (okeedy, otdar, oteedy, qoeey) | 0.10945 |
| f112v #9 | 1 | [ao][lr][ao][lr] Pipe/Flow (arar), [yo][fptk]e4od + y (oteody), o[fptk]c + e0-4dy (opcedy), o[fptk]e4dy (okedy) | f69r Labeled Interior Bar #16 (oteody), Rosette #1 Outer Ring (okcedy, oral), Rosette #1 Quadrant #4 (okedy) | 0.09343 |
| f112v #10 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeeor, ceol), ceckey relatives (ceeckey), cedai4[lrsm \| n] (ceedaiin), c-sequence + e4 + [fptk] + e4 + y (ceeekey), o[fptk]ai4n (qokaiin), o[fptk]e4dy (qokedy, qokeedy, okeedy), okar variants (okar), otai0-4n (otaiin) | f86v3 Jet Figure #2 (ceeeor, otaiin, qokaiin), Rosette #4 Compartment #1 (okar, okeedy), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #4 (oteedy), Rosette #4 Outer Ring (cecedam, ceckey, ceetey) | 0.13558 |
| f112v #11 | 2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), cedai4[lrsm \| n] (ceedar), eky (ceeky), o[fptk]ai4n (qokaiin), o[fptk]c + e0-4y (okceey), o[fptk]e4dy (qokeedy, qotedy), o[tk]e0-4y (okeey), oi (oiin), otai0-4n (otaiin), sai4n (sain) | f67v2 Diagram Exterior 1 (oir), f85r2 Quadrant 1 (ceol, sain), f86v3 Jet Figure #1 (qokaiin, qokeedy, qotaiin), Rosette #2 Interior Ring (yky), Rosette #2 Outer Ring (ceeky, oteoteedy), Rosette #2 Protrusion Bottom-Left (opcey), Rosette #2 Protrusion Exterior (ceedar) | 0.13604 |
| f112v #12 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), ceckey relatives (ceckey), o[fptk]ai4n (okaiin, okain), o[fptk]e4dy (oteedy), o[tk]e0-4y (qoteey), otam variants (otam) | f67v2 Diagram Exterior 4 (ceol), f67v2 Protrusion #1 (okeeey), f68r3 Star Quadrant #8 Wand/Branch (ceeol), f85r2 Quadrant 4 (ceckey), f86v3 Jet Figure #4 (otam), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (okaiin, oteedy) | 0.13482 |
| f112v #13 | 1 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (kar), [yo][fp]a (opal), cedai4[lrsm \| n] (cedal), ek[yoa] (ceeky), o[fptk]ai4n (okaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (opcey, otceey), o[fptk]c + e0-4dy (qokcedy), o[fptk]e4dy (qokedy, ykeedy), o[tk]e0-4y (ykeey, oty), okal variants (okal), ol[tk] (olkaiin), otol variants (otol) | f67v2 North-Oriented Text (dceeeor), f68r3 Star Quadrant #1 (qokcedy), f68v3 Stars #1 (cedail, sceekol), f69r Labeled Interior Bar #18 (ykeey), Rosette #1 Outer Ring (ary, kaiir, okain, okal, okcegy, olkaiin, otol, yky), Rosette #1 Quadrant #4 (okedy), Rosette #1 Quadrant #5 (ofary) | 0.15861 |
| f113r #1 | 8 | o[fptk]e4dy (okeedy, qokedy), o[tk]e0-4y (oteey, oty), oa (oal), o-axis of [yo][fptk][ao][lr] (ykol) | f67v2 Protrusion #1 (okeeey), f68r3 Star Quadrant #8 Wand/Branch (oal), f86v3 Jet Figure #4 (oteey, qokedy), Rosette #8 Outer Ring (okeedy, okor) | 0.06810 |
| f113r #2 | 4 | [yo][fptk]e4o (okeeo), ce4a (cear), ceckey relatives (ceckey), o[fptk]ai4n (qokaiin), o[fptk]c + e0-4dy (qokceedy), o[fptk]e4dy (qokedy), o[tk]e0-4y (okeey), oe0-4s (oteeos), okol variants (okol), otai0-4n (otain), otal variants (otal), otar variants (otar) | f67v2 Diagram Exterior 2 (okeey, osalal), f67v2 Protrusion #3 (cear), f69r Labeled Interior Bar #4 (okeeo), f85r2 Quadrant 2 (qotaiin), f86v3 Jet Figure #2 (qokaiin), Rosette #4 Compartment #1 (okol), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #7 (opcedy), Rosette #4 Outer Ring (ceckey, otal, otar) | 0.11526 |
| f113r #3 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (ceo), [yo]dy endings (ceody), o[fptk]ai4n (qokaiin, okaiin), o[tk]e0-4y (qokeey, oteey), oe0-4s (dceos), opce0-4y (qopcey), otal variants (otal) | f68v2 Stars #8 (ypcey), f68v3 Sides #1 (ceody), f69r Labeled Interior Bar #14 (ceotal), f69r Labeled Interior Bar #15 (cseo), f86v3 Jet Figure #4 (oteey, qokaiin, qokeey), Rosette #8 Exterior Label #7 (dceos), Rosette #8 Outer Ring (okaiin) | 0.11966 |
| f113r #4 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseeo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol, ceor), [yo][fptk]e4od + y (qokeody), ke4o (keody), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (otceedy), o[tk]e0-4y (qoty), oe4y (qoeey), otam variants (otam) | f67v2 Protrusion #1 (okeeey), f68v2 Stars #8 (ypcey), f68v3 Sides #1 (keody), f69r Labeled Interior Bar #15 (cseo), f85r2 Quadrant 4 (qokeody), f86v3 Jet Figure #4 (otam), Rosette #8 Exterior Label #7 (dceos), Rosette #8 Outer Ring (cseol, qoeey) | 0.09949 |
| f113r #5 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [tk]c-Initial (kceedy), [yo]dy endings (ceeody), o[fptk]e4dy (qotedy), oi (oiiin) | f69r Labeled Interior Bar #11 (ceeody), Rosette #7 Outer Ring (cseor, oiin, qotedy, tcseed) | 0.07045 |
| f113r #6 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol, ceeol), ce4a (csear, cear), ceckey relatives (ceckeey), cedai4[lrsm \| n] (ceedaiin), do (dor), o[fptk]e4dy (okeedy, qokeedy), o[tk]e0-4y (qokeey, qoky), ol[tk] (olkaiin) | f67v2 Protrusion #3 (cear), f85r2 Quadrant 2 (ceckeey), f86v3 Jet Figure #2 (ceeeor, qokeey, qoky), Rosette #4 Compartment #1 (okeedy), Rosette #4 Compartment #3 (dor), Rosette #4 Compartment #4 (oteedy), Rosette #4 Outer Ring (cecedam, olkar), Rosette #4-5 Bridge #2 (cseeal) | 0.10172 |
| f113r #7 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceor, cseol), [yo]dy endings (okeody), o[fptk]c + e0-4dy (otcedy), oi (oiin) | Rosette #7 Left Label #3 (otcedy), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (cseor, oiin) | 0.09143 |
| f113r #8 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor), aro[dlrsmg] (arody), ceckey relatives (ceckeey), o[fptk]ai4n (qokaiin), o[fptk]c + e0-4dy (okceedy), o[fptk]c + e0-4y (qokcey), okal variants (qokal) | f85r2 Quadrant 2 (ceckeey), f86v3 Jet Figure #2 (ceeeor, qokaiin), Rosette #4 Compartment #1 (qokcey), Rosette #4 Compartment #6 (oparod), Rosette #4 Compartment #7 (opcedy, qokal) | 0.10273 |
| f113r #9 | 4 | ce4a (cear), o[fptk]e4dy (okeedy) | f67v2 Protrusion #3 (cear), Rosette #4 Compartment #1 (okeedy) | 0.03905 |
| f113r #10 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, cseor), [tk]c-Initial (tceeody, tceey, tceol), o[fptk]ai4n (otain, okaiin), o[fptk]e4dy (oteedy), oe0-4s (os) | f67v2 Diagram Exterior 4 (ceol), f86v3 Jet Figure #4 (cseor, tceeod, tceeody, tceol), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Exterior Label #7 (osasy), Rosette #8 Outer Ring (okaiin, oteedy) | 0.10739 |
| f113r #11 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor), [yo][fp][yoa] (opy), ce4a (cseal, ceear), o[fptk]ai4n (okaiin, okain, ytaiin), o[tk]e0-4y (qoky), ocke4y (ceockey), otai0-4n (otain), otal variants (otal), otar variants (otar), yodai0-4n (cseodaiin) | f68r3 Star Quadrant #4 Star #2 (ceockey), f85r2 Quadrant 2 (qotaiin), f86v3 Jet Figure #2 (ceeeor, qoky, ytaiin), Rosette #4 Compartment #1 (cseodaiiin), Rosette #4 Compartment #6 (oparod), Rosette #4 Outer Ring (otal, otar), Rosette #4-5 Bridge #2 (cseeal) | 0.13678 |
| f113r #12 | 3 | o[fptk]c + e0-4dy (okceedy), ocke4y (ockey), okar variants (okar), otar variants (otar) | f68r3 Star Quadrant #2 (ockey), Rosette #3 Outer Ring Sentence #1 (okar, otar, qotcedy) | 0.07708 |
| f113r #13 | 4 | o[fptk]ai4n (qokaiin), o[fptk]c + e0-4dy (okcedy, okceedy), o[tk]e0-4y (qoteey), oe0-4s (cseeos), opce0-4dy (opceedy), otal variants (otal) | f85r2 Quadrant 2 (cseeos), f86v3 Jet Figure #2 (qokaiin, qoteey), Rosette #4 Compartment #7 (opcedy), Rosette #4 Compartment #8 (opceedy), Rosette #4 Outer Ring (otal) | 0.14089 |
| f113r #14 | 1 | [fptk]ai4[dlrsmg \| n] (taiin), o[fptk]ai4n (okaiin, okain), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qotceey) | Rosette #1 Outer Ring (kaiir, okain, okcegy) | 0.04632 |
| f113r #15 | 6 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), o[fptk]c + e0-4dy (otceedy, qokceedy) | f69r Labeled Interior Bar #9 (ceor), f86v3 Jet Figure #3 (otceedy, qokceedy) | 0.03909 |
| f113r #16 | 2 | [fptk]ai4[dlrsmg \| n] (kar), [tk]c-Initial (tceedy), c \| c[fptk] + e4o (cseeo), cedai4[lrsm \| n] (ceedal), o[fptk]ai4n (okaiin, okain, qokaiin), o[fptk]e4dy (oteedy), o[tk]e0-4y (qokeey, okeeey, okeey), oa (oaiin), opce0-4y (opceey), otai0-4n (otain, qotaiin), otor variants (qotor), sai4n (sain) | f85r2 Quadrant 1 (cseeo, qotor, sain), f86v3 Jet Figure #1 (otain, qokaiin, qotaiin, tceedy, ytain), Rosette #2 Interior Ring (yky), Rosette #2 Outer Ring (cedas, oaiin, oteoteedy, taiin), Rosette #2 Protrusion Bottom-Left (opcey) | 0.12974 |
| f113v #1 | 7 | o[fptk]ai4n (otaiin, qokain), o[fptk]c + e0-4dy (opceedy), o[fptk]c + e0-4y (okcey, otceey), o[tk]e0-4y (oky), okal variants (okal), otar variants (otair, qotar) | Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #3 (otcedy), Rosette #7 Left Label #4 (okcey), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (okal, otar) | 0.10813 |
| f113v #2 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (lceeol), [yo]dy endings (oteody), o[fptk]e4dy (otedy, oteedy, qokeedy), o[tk]e0-4y (qokeey), o[tk]e4s (otees), ocke4y (ceockey), otai0-4n (otaiin), otod variants (otodaiin) | f68r3 Star Quadrant #4 Star #2 (ceockey), f86v3 Jet Figure #2 (ceeeor, otaiin, qokeey), Rosette #4 Compartment #4 (opceody, oteedy), Rosette #4 Outer Ring (okees, otedy, otodeed) | 0.13433 |
| f113v #3 | 7 | o[fptk]ai4n (okaiin, qotaiin), o[fptk]c + e0-4dy (opceedy, qokceedy), o[fptk]e4dy (oteedy), otar variants (otar), yodai0-4l (odal) | Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #3 (otcedy), Rosette #7 Outer Ring (odal, otar, qotedy) | 0.10226 |
| f113v #4 | 3 | o[fptk]c + e0-4y (opceey), o[fptk]o (oko), o[lr]a (olar), o-axis of [yo][fptk][ao][lr] (otor), okar variants (okar), olcey relative (olceey), or[yoa] (oror), otar variants (otar, qotar), otol variants (otol) | f68v1 Exterior Stars #4 (otol), f68v3 Sides #2 (oko), Rosette #3 Diagram Interior #3 (oraiiin), Rosette #3 Outer Ring Sentence #1 (okar, okcsey, otar), Rosette #3 Outer Ring Sentence #2 (olceedy, ykol) | 0.13018 |
| f113v #5 | 3 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor), cteo-initial (cteor), o[fptk]c + e0-4dy (qokceedy, otcedy), o[tk]e0-4y (okeey), o-axis of [yo][fptk][ao][lr] (qotor), okal variants (okal), okar variants (qokar), okol variants (okol), ol[tk] (olkar), olcey relative (olceedy), orai0-4n (oraiin), otar variants (otar) | f67v2 East-Oriented Text (dcseog, oky), f68v3 Stars #2 (okol), f69r Labeled Interior Bar #2 (cteor), Rosette #2 Castle #4 On Bridge to #3 (otcedy), Rosette #3 Diagram Interior #3 (oraiiin), Rosette #3 Outer Ring Sentence #1 (okar, olkar, otar, qotcedy), Rosette #3 Outer Ring Sentence #2 (okal, olceedy, ykol) | 0.15502 |
| f113v #6 | 9 | [yo]dy endings (ceody), [yo]pa (opam), o[fptk]ai4n (qokaiin, okaiin), okal variants (okal), okar variants (okar, qokar), okod variants (qokody), ola (olaiin) | Rosette #9 Center #19 (sody), Rosette #9 Center #9 (ypal), Rosette #9 Outer Ring Sentence #1 (okal, okodar), Rosette #9 Outer Ring Sentence #2 (okaiiin, okar, olar) | 0.11560 |
| f113v #7 | 2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]ai4[dlrsmg \| n] (kar), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin, okain, qokaiin, ykaiin), oe0-4s (ceeos), okar variants (qokar, okar), ola (olal), otar variants (otar), rai4n (raiin) | f69r Labeled Interior Bar #21 (otar), f85r2 Quadrant 1 (ceol), f86v3 Jet Figure #1 (ceeody, qokaiin, raiin, ykaiin, ytain), Rosette #2 Bottom Exterior Label (okar), Rosette #2 Interior Ring (oekairy), Rosette #2 Outer Ring (olar, taiin), Rosette #2 Protrusion Top (osal) | 0.17816 |
| f113v #8 | 8 | o[fptk]ai4n (okain, otaiin), o[fptk]c + e0-4y (otceey), o[tk]e0-4y (otey), o-axis of [yo][fptk][ao][lr] (otol), opai0-4n (opaiin), otam variants (qotam), otar variants (otar) | f68v2 Star Divider #1 (otey), f69r Labeled Interior Bar #15 (qotam), f86v3 Jet Figure #4 (opaiin, otceey), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (okor, otar) | 0.10954 |
| f113v #9 | 1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]ce4y + infixed versions (ycseeey), o[fptk]ai4n (otaiin, otain, qokain, okaiiin, okaiin), o[lr]a (olar), o[tk]e0-4y (oky, qokeey, oteey), oe4y (qoeey), okal variants (okal), okar variants (okar) | f67v2 North-Oriented Text (dceeeor), f68r3 Star Quadrant #1 (ceocpey), f68v3 Sides #1 (qoeey), f69r Labeled Interior Bar #18 (oky), Rosette #1 Outer Ring (okain, okair, okal, oral, yky) | 0.13097 |
| f113v #10 | 4 | ceckey relatives (ceckeey), eky (ceeky), o[fptk]ai4n (qokaiin, qokain), o[fptk]c + e0-4y (okceey), o[fptk]e4dy (qokeedy), okal variants (okal), otai0-4n (otain) | f68v3 Sides #3 (okal), f85r2 Quadrant 2 (ceckeey, qotaiin), f86v3 Jet Figure #2 (qokaiin, ytaiin), Rosette #4 Compartment #1 (ceeky), Rosette #4 Compartment #4 (oteedy), Rosette #4 Outer Ring (otecseey) | 0.15531 |
| f113v #11 | 9 | o[fptk]c + e0-4y (otceey), o[fptk]e4dy (qokeedy), okar variants (okar), ol[tk] (olkaiin), ola (olaiin) | Rosette #9 Outer Ring Sentence #1 (otcsee, oteeedy), Rosette #9 Outer Ring Sentence #2 (okar, olar, olkalor) | 0.08577 |
| f113v #12 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (ceeody), c-sequence + e4 + [fptk] + e4 + y (ceekey), o[fptk]ai4n | f69r Labeled Interior Bar #11 (ceeody), f69r Labeled Interior Bar #12 (okeey), Rosette #6-7 Bridge #1 (depceeky), Rosette #6-7 | 0.15687 |

| | | | | |
|---|---|---|---|---|
| | | (okain, otaiin, otain, qokain), o[fptk]e4dy (okeedy), o[tk]e0-4y (okeey, oteey), oi (oiiin), ora (oraiin), otar variants (otar) | Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Outer Ring (cseor, oiin, orar, otar, qotedy) | |
| f113v #13 | 6 | [fptk]e0-4y (keey), o[fptk]ai4n (qokaiin), o[lr][yoa] (oraiin), oe0-4s (os), okar variants (okar), ol[yoa] (olar), olcey relative (olceedy), otai0-4n (otaiin, otain) | f68v3 Stars #3 (keey), f86v3 Jet Figure #3 (otaiin, qotaiin), Rosette #6 Compartment #3 (okar), Rosette #6 Outer Ring (olceedy), Rosette #6 Picatrix-Like Attachment (oteoly), Rosette #6-7 Bridge Interior West (osy) | 0.11403 |
| f113v #14 | 2 | a[dlrsmg]am (aram), o[fptk]c + e0-4dy (opceedy, qokcedy), o[tk]e0-4y (oty), ol[tk] (olkaiin) | f68r3 Star Quadrant #1 (qokcedy), f68v3 Inner Ring (olkeeoly), Rosette #2 Interior Ring (aram), Rosette #2 Outer Ring (okcedy), Rosette #2 Protrusion Exterior (oty) | 0.10631 |
| f113v #15 | 1 | l[drs] Prefixes (ldy), o[fptk]ai4n (qokaiin, otaiin), o[fptk]e4dy (oteedy), o[lr]a (olaiin), o[tk]e0-4y (qokeey), okal variants (okal) | Rosette #1 Outer Ring (ldy, okain, okal, oral, yky), Rosette #1 Quadrant #4 (okedy) | 0.08727 |
| f114r #1 | 2 | [yo][fp]ai0-4[rn] (opaiin), o[fptk]ai4n (ytaiin), o[fptk]e4dy (okedy), okod variants (okody), rai4n (raiin) | f86v3 Jet Figure #1 (raiin, ytaiin), Rosette #2 Outer Ring (opair, oteoteedy), Rosette #2 Top Exterior Label (okody) | 0.06931 |
| f114r #2 | 2 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (dary), [tk]c-Initial (kceedy), c \| c[fptk] + e4o (ceo), cedai4[lrsm \| n] (cedaiin), o[fptk]ai4n (qokaiin), o[fptk]c + e0-4dy (okceedy), o[fptk]e4dy (ykeedy), oe sans oy + oe4y, oe0-4s (qoeedy), yodai0-4n (qodaiin) | f68r3 Star Quadrant #3 (ceo), f86v3 Jet Figure #1 (qoeedy, qokaiin), Rosette #2 Castle #3 Lighthouse-Like (daly), Rosette #2 Outer Ring (okcedy, okodain, tcedaiin, ykeedy), Rosette #2 Protrusion Exterior (cedaiin) | 0.08398 |
| f114r #3 | 8 | [dlrsmg]ai4m (dam), [yo]dy endings (ceody), cedai4[lrsm \| n] (cedaiin), dody (dody), o[fptk]ai4n (otaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (okcedy), o[fptk]c + e0-4dy (okceedy), o[fptk]e4dy (qokeedy), oa (oar), or[yoa] (orol), yodai0-4n (qodaiin) | f67v2 Diagram Exterior 4 (dam, oar), f68v2 Stars #8 (ypcey), f68v3 Sides #1 (ceody), f85r2 Quadrant 4 (dody, qodaiin), f86v3 Jet Figure #4 (okceedy), Rosette #8 (okcedarar), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (oteedy), Rosette #8 Smokestack (orarol) | 0.12627 |
| f114r #4 | 9 | [yo]dy endings (ceody), o[fptk]ai4n (okaiin), o[fptk]c + e0-4dy (qokcedy, qokceedy), o[fptk]e4dy (otedy), om (okom) | Rosette #9 Center #17 (otedy), Rosette #9 Center #19 (sody), Rosette #9 Outer Ring Sentence #2 (okaiiin, okcedy, om) | 0.07608 |
| f114r #5 | 4 | cedai4[lrsm \| n] (ceedal), eko (ceekor), o[fptk][ao]d (okod), o[fptk]ai4n (qokaiin), o[fptk]c + e0-4dy (qokceedy, otceedy), oe sans oy + oe4y, oe0-4s (oeedy, qoedy), oi (oiin), okar variants (okar), otal variants (otal), otar variants (otar, otair), otol variants (otol), yodai0-4n (qodaiin) | f85r2 Quadrant 2 (oloeorain, otceedy), f86v3 Jet Figure #2 (qodaiin, qoedy, qokaiin), Rosette #4 Compartment #1 (okar), Rosette #4 Compartment #2 (ceekor), Rosette #4 Compartment #5 (otol), Rosette #4 Compartment #7 (opcedy), Rosette #4 Outer Ring (ceedal, oiiin, otal, otar, otodeed) | 0.12371 |
| f114r #6 | 5 | cedai4[lrsm \| n] (ceedaiin), do (dol), o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oty), opar variants (opair), otar variants (otar) | f69r Labeled Interior Bar #7 (doceeeo), Rosette #5 Compartment #10 (otedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (opar, otar, yky) | 0.10804 |
| f114r #7 | 4 | oe0-4s (oees), yodai0-4n (cseodaiiin) | f67v2 Diagram Exterior 2 (osalal), Rosette #4 Compartment #1 (cseodaiiin) | 0.03153 |
| f114r #8 | 6 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin, qokaiin), o[fptk]e4dy (qokeedy), okar variants (okar), okol variants (okol), ol[tk] (olkaiin), olcey relative (olceedy), otar variants (otair), yodai0-4n (qodaiin) | f68r3 Star Quadrant #4 (okol), f69r Labeled Interior Bar #9 (ceor), f86v3 Jet Figure #3 (ceeody, qodaiin, qotaiin), Rosette #6 Compartment #3 (okar), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6 Outer Ring (olceedy, olkaiin, otar) | 0.09751 |
| f114r #9 | 1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, cseol), o[fptk]ai4n (okaiin), o[fptk]c + e0-4dy (otceedy), o[fptk]e4dy (otedy, okeedy), o[tk]e0-4y (okeey, qoty), okar variants (okair), ol[tk] (olkaiin), ora (oraiin), otol variants (otol) | f67v2 North-Oriented Text (dceeeor), Rosette #1 Outer Ring (okain, okair, okcedy, olkaiin, oral, otedy, otol, yky), Rosette #1 Quadrant #4 (okedy) | 0.12631 |
| f114r #10 | 4 | cedai4[lrsm \| n] (ceedal), o[fptk]ai4n (qokaiin), o[tk]e0-4y (yteey), otai0-4n (otaiin), otar variants (qotar), yodai0-4n (odaiin, odain) | f86v3 Jet Figure #2 (otaiin, qokaiin, yteey), Rosette #4 Compartment #1 (cseodaiiin), Rosette #4 Outer Ring (ceedal, odaiin, otar) | 0.10751 |
| f114r #11 | 2 | [fptk]ai4[dlrsmg \| n] (kar), c \| c[fptk] + e4o (cseeo), cedai4[lrsm \| n] (ceedaiiin), o[fptk]ai4n (okaiin), o[fptk]c + e0-4dy (otceedy, qokceedy), o[tk]e0-4y (yky), oa (oar), oe sans oy + oe4y, oe0-4s (qoeedy), okal variants (qokal), okar variants (qokar), otai0-4n (qotaiin), rai4n (raiin), sai4n (sain), yodai0-4r (odar) | f68r3 Star Quadrant #1 (okald), f85r2 Quadrant 1 (cseeo, sain), f86v3 Jet Figure #1 (qoeedy, qotaiin, raiin, ytain), Rosette #2 Interior Ring (o*oar, odar, oekairy, yky), Rosette #2 Outer Ring (cedas, okcedy, taiin) | 0.12317 |
| f114r #12 | 6 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), o[fptk]ai4n (qokaiin), o[fptk]c + e0-4dy (qokceedy, otcedy), o[fptk]e4dy (yteedy), o[tk]e0-4y (qoty), o[tk]e4s (otees), okar variants (okar), opce0-4dy (opceedy), otar variants (qotar) | f69r Labeled Interior Bar #9 (ceor), f85r2 Quadrant 3 (otees), f86v3 Jet Figure #3 (qokceedy, qotaiin, qotar), Rosette #6 Compartment #1 (opcedy), Rosette #6 Compartment #3 (okar), Rosette #6 Compartment #6 (otcedy), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6-7 Bridge #2 (oteey) | 0.11012 |
| f114r #13 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo][fp]ai0-4[rn] (opaiin), [yo]dy endings (ceeody), cedai4[lrsm \| n] (cedar, ceedal), do (dor), o[fptk]ai4n (okain), o[fptk]c + e0-4dy (qotcedy), o[fptk]c + e0-4y (qotceey), o[fptk]e4dy (okeedy), or[yoa] (oral), otai0-4n (otaiin, otain, qotaiin), otal variants (ceotal), otar variants (qotar), yodai0-4n (qodaiin, odaiin) | f85r2 Quadrant 2 (qotaiin, qotcedy), f86v3 Jet Figure #2 (ceeeor, otaiin, qodaiin, qotceey, ytaiin), Rosette #4 Compartment #1 (okeedy), Rosette #4 Compartment #3 (dor), Rosette #4 Compartment #4 (opceody), Rosette #4 Compartment #6 (oparod), Rosette #4 Outer Ring (cecedam, ceedal, odaiin, oror, otalol, otar) | 0.16078 |
| f114v #1 | 4 | [yo][fptk]ce4d (qotced), ce4a (ceear), cedai4[lrsm \| n] (ceedal), do (dol), fc-initial (fceeey), o[fptk]c + e0-4dy (qotceedy), o[fptk]e4dy (qotedy, qokedy, qokeedy, okeedy), o[fptk]edar (qotedar), o[tk]e0-4y (oky), okal variants (okaly), otai0-4n (otain), otar variants (otar), otol variants (otol), yodai0-4n (odain) | f57v Diagram Center #2 (okaly), f85r2 Quadrant 2 (fceeey, qotaiin, qotced, qotedar), Rosette #4 Compartment #1 (cseodaiiin, okeedy), Rosette #4 Compartment #2 (qokedy), Rosette #4 Compartment #3 (dor, oky), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #5 (otol), Rosette #4 Compartment #7 (opcedy), Rosette #4 Outer Ring (ceedal, otar), Rosette #4-5 Bridge #2 (cseeal) | 0.14493 |
| f114v #2 | 6 | cedai4[lrsm \| n] (ceedaiiin, ceedar), o[fptk]c + e0-4dy (qotceedy), opce0-4dy (opceedy), otai0-4n (otaiin, qotaiin) | f86v3 Jet Figure #3 (otaiin, qotaiin), Rosette #6 Compartment #1 (opcedy), Rosette #6 Outer Ring (ceedaiiin), Rosette #6 Upper-Right Attachment (csedain) | 0.09445 |
| f114v #3 | 2 | cedai4[lrsm \| n] (cedaiin, ceedaiin), o[fptk]e4dy (qokedy), oe sans oy + oe4y, oe0-4s (qoeedy), otai0-4n (qotaiin) | f86v3 Jet Figure #1 (qoeedy, qotaiin), Rosette #2 Outer Ring (cedas, oteoteedy), Rosette #2 Protrusion Exterior (cedaiin) | 0.07801 |
| f114v #4 | 4 | [tk]c-Initial (tceedy), [yo]c + e4dy (oceedy), cedai4[lrsm \| n] (ceedal), o[fptk\| dlrsmg][ao]m (otam), o[fptk]c + e0-4dy (otceedy), o[fptk]e4dy (qotedy), oa (ceoaiin), oi (soiiin), otai0-4n (qotaiin), otar variants (ytar), otol variants (otol) | f85r2 Quadrant 2 (otceedy, qotaiin, tceedy), f86v3 Jet Figure #2 (oceedy), Rosette #4 Compartment #3 (soa), Rosette #4 Compartment #4 (opam, oteedy), Rosette #4 Compartment #5 (otol), Rosette #4 Outer Ring (ceedal, oiiin, otar) | 0.15783 |
| f114v #5 | 1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceeol), cedai4[lrsm \| n] (cedaiin, cedal, ceedar), l[drs] Prefixes (ldy), o[fptk]ai4n (qokaiin, qotaiin), o[fptk]c + e0-4dy (ytceedy, qokceedy), o[tk]e0-4y (ceoky), okal variants (okal), okol variants (qokol), ory (okory) | f67v2 North-Oriented Text (dceeeor), f68r3 Star Quadrant #8 (qokol), f68v3 Stars #1 (cedail), Rosette #1 Outer Ring (ldy, okain, okal, okcedy, yky), Rosette #1 Quadrant #10 (okory) | 0.14385 |
| f114v #6 | 4 | do (dor), okal variants (qokal), otai0-4n (qotaiin), otar variants (qotar), otod variants (otody) | f85r2 Quadrant 2 (qotaiin), Rosette #4 Compartment #3 (dor), Rosette #4 Compartment #7 (qokal), Rosette #4 Outer Ring (otar, otodeed) | 0.10236 |
| f114v #7 | 1 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (dary), cedai4[lrsm \| n] (cedaiin), o[fptk]ai4n (qokaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qotceey), o[fptk]c + e0-4dy (qokcedy, qokceedy), o[fptk]e4dy (qokedy), oc[fptk]e4y (ceockey), okol variants (qokol) | f68r3 Star Quadrant #1 (ceocpey, qokcedy), f68r3 Star Quadrant #8 (qokol), f68v2 Star Divider #8 (dary), f68v3 Stars #1 (cedail), Rosette #1 Outer Ring (okain, okcedy, okcegy), Rosette #1 Quadrant #4 (okedy) | 0.10214 |
| f114v #8 | 8 | o[fptk]ai4n (okaiin, otaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (otceedy), o[fptk]c + e0-4dy (qotceedy), o[fptk]e4dy (yteedy, okeedy), ol[tk] (olkaiin) | f68v2 Stars #8 (ypcey), f86v3 Jet Figure #4 (qotceedy, yteedy), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Outer Ring (okaiin, okeedy, olkeeodaiin) | 0.09708 |
| f114v #9 | 2 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), [tk]c-Initial (tceedy), a[lr]an (araiin), o[fptk]ai4n (qokaiin), o[tk]e0-4y (okeey), oe sans oy + oe4y, oe0-4s (qoeedy) | f85r2 Quadrant 1 (ary), f86v3 Jet Figure #1 (araiin, qoeedy, qokaiin, tceedy), Rosette #2 Interior Ring (yky) | 0.08475 |
| f114v #10 | 4 | o[fptk]ai4n (okaiin), o[tk]e0-4y (qoteey), okol variants (okol), olai0-4n (olaiin), opce0-4dy (opcedy), otai0-4n (otaiin, qotaiin), otal variants (otal), otar variants (qotar) | f85r2 Quadrant 2 (qotaiin), f86v3 Jet Figure #2 (otaiin, qoteey, ytaiin), Rosette #4 Compartment #1 (okol), Rosette #4 Compartment #4 (olaiiin), Rosette #4 Compartment #7 (opcedy), Rosette #4 Outer Ring (otal, otar) | 0.12159 |
| f114v #11 | 4 | ceckey relatives (ceckey), o[fptk]ai4n (qokaiin), o[tk]e0-4y (qoteey), oa (oaiin) | f86v3 Jet Figure #2 (qokaiin, qoteey), Rosette #4 Compartment #3 (soa), Rosette #4 Outer Ring (ceckey) | 0.06225 |
| f114v #12 | 4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo][fptk]e4od + y (qoteeody), [yo]dy endings (ceeody), aro[dlrsmg] (arody), o[fptk\| dlrsmg][ao]m (otam), o[fptk]ai4n (okaiin, qokaiin), o[fptk]c + e0-4y (otceey, qotceey), o[fptk]eda[lrsm \| n] (okedaiin), o[tk]e0-4y (okeey, oteey), okal variants (okal), okar variants (qokar), otai0-4n (qotaiin, otaiin, otain), otal variants (otal), otar variants (qotar), yodai0-4n (odaiin) | f67v2 Diagram Exterior 2 (okeey), f68v3 Sides #3 (okal), f85r2 Quadrant 2 (qokar, qotaiin), f86v3 Jet Figure #2 (ceeeor, otaiin, otceey, oteey, qokaiin, qotceey, qoteeody, ytaiin), Rosette #4 Compartment #4 (opam, opceody), Rosette #4 Compartment #6 (oparod), Rosette #4 Outer Ring (odaiin, okedaiin, otal, otar) | 0.17417 |
| f115r #1 | 1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor), [yo]dy endings (ceeody), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qokcey), o[fptk]c + e0-4dy (qotceedy), o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (qoky), od endings (od) | f67v2 North-Oriented Text (dceeeor), Rosette #1 Outer Ring (od, ody, okcedy, okcegy, otedy, yky), Rosette #1 Quadrant #4 (okedy) | 0.09908 |
| f115r #2 | 5 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor), [yo]dy endings (ceody), cedai4[lrsm \| n] (ceedar), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qotcey), o[fptk]c + e0-4dy (qotcedy, qotceedy), o[fptk]e4dy (qokedy, qokeedy), okar variants (qokar), otar variants (qotar, otar), yodai0-4n (qodain) | f68r3 Star Quadrant #5 (dcseol), Rosette #5 Compartment #3 (okcedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (keeody, odaiiin, okair, otar) | 0.12734 |
| f115r #3 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (ceeody), o[fptk]ai4n (qokain), o[fptk]e4dy (qokeedy), opce0-4dy (opceedy) | f68r3 Star Quadrant #8 Wand/Branch (ceeol), f86v3 Jet Figure #4 (aceeody, opceedy, qokain), Rosette #8 Outer Ring (oteedy) | 0.07887 |
| f115r #4 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (ceo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [tk]c-Initial (tceedy), cedai4[lrsm \| n] (ceedaiin), o[fptk]ai4n (qokaiin), o[fptk]c + e0-4dy (qotceedy), yodai0-4n (qodaiin) | f67v2 Diagram Exterior 4 (ceol), f69r Labeled Interior Bar #15 (cseo), f85r2 Quadrant 4 (qodaiin), f86v3 Jet Figure #4 (ceedaiin, qokaiin, qotceedy, tceeod) | 0.08490 |
| f115r #5 | 3 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [tk]c-Initial (tceedy), [yo]c + e4o Superclass (yceeeo), [yo]dy endings (ceody), o[fptk]c + e0-4dy (otcedy, qokceedy), o[fptk]c + e0-4y (qotcey), o-axis of [yo][fptk][ao][lr] (qotor), okar variants (qokar), om (om), qo variants (qo) | f67v2 East-Oriented Text (dcseog), f68r3 Star Quadrant #2 (kcey), f68v3 Sides #2 (qo), Rosette #2 Castle #4 On Bridge to #3 (otcedy), Rosette #3 Outer Ring Sentence #1 (okar, okcsey, okom, otody, qotcedy), Rosette #3 Outer Ring Sentence #2 (ykol), Rosette #3-4 Bridge #1 (opodcedal) | 0.09750 |
| f115r #6 | 6 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor), [yo]dy endings (ceeody), o[fptk]c + e0-4dy (qokceedy, qotceedy), o[tk]e0-4y (qoky), oa (oaiin), oce4y + infixed versions (ceockey), oe sans oy + oe4y, oe0-4s (oeedy), pc-initial (pceody) | f67v2 Diagram Exterior 3 (toal), f68r3 Star Quadrant #5 (pceody), f68v3 Sides #4 (oceey), f69r Labeled Interior Bar #9 (ceor), f86v3 Jet Figure #3 (ceeody, oeedy, qokceedy), Rosette #6 Compartment #1 (opcedy), Rosette #6-7 Bridge #2 (oteey) | 0.10499 |
| f115r #7 | 1 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeeor), [yo]dy endings (ceody), l[drs] Prefixes (ldy), l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] (lkam), o[fptk]c + e0-4dy (qokceedy, qotceedy) | f67v2 North-Oriented Text (dceeeor), f68v3 Sides #1 (ceody), Rosette #1 Outer Ring (ary, lar, ldy, okcedy) | 0.07883 |
| f115r #8 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ceeody), o[fptk]ai4n (qokain), o[fptk]c + e0-4y (otceey), o[tk]e0-4y (qoky), oe0-4s (los) | f67v2 Diagram Exterior 4 (ceol), f67v2 Protrusion #1 (okeeey), f85r2 Quadrant 4 (los), f86v3 Jet Figure #4 (aceeody, otceey, qokain) | 0.06823 |
| f115r #9 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (dceol), ek[yoa] (ceeky), ety (ceety), o[fptk]ai4n (okaiin, qotaiin, ykaiin), o[fptk]c + e0-4dy | f68r3 Star Quadrant #7 (qokeey), f68v1 Exterior Stars #8 (cpceety), f69r Labeled Interior Bar #12 (okeey), Rosette #7 Left Label | 0.11007 |

| | | | | |
|---|---|---|---|---|
| | | (qotceedy), o[fptk]c + e0-4y (okcey), o[fptk]e4dy (qokeedy), o[tk]e0-4y (qokeey, qoky, okeey), oe0-4s (ceeos) | #2 (opaiiino), Rosette #7 Left Label #3 (otcedy), Rosette #7 Left Label #4 (okcey), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (ceekaj, cseor, otosaiiin, qotedy) | |
| f115r #10 | 8 | [yo]dy endings (ceody), o[tk][ao]s (otais), yodai0-4n (qodain, odaiin) | f68v3 Sides #1 (ceody), f85r2 Quadrant 4 (qodain), Rosette #8 Outer Ring (okos, olkeeodaiin) | 0.05856 |
| f115r #11 | 5 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]e0-4y (keey), [yo]dy endings (ceeody), do (dor), kc-initial (kceedy), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (okceey), o[fptk]c + e0-4y (qokcey), o[tk]e0-4y (qoty), oe0-4s (ceeos), so (sol), yodai0-4n (qodain) | f68r3 Star Quadrant #5 (dcseol, qokcey), f68v3 Stars #3 (keey), f69r Labeled Interior Bar #5 (sol), f69r Labeled Interior Bar #7 (doceeeo), Rosette #5 Compartment #3 (okcedy), Rosette #5 Outer Ring (kceedy, keeody, odaiiin, osain, yky) | 0.14773 |
| f115r #12 | 5 | [yo]dy endings (ody), cedai4[lrsm \| n] (opcedain), o[fptk]c + e0-4dy (qokceedy), okar variants (qokar) | Rosette #5 Compartment #3 (okcedy), Rosette #5 Outer Ring (ody, okair), Rosette #5-6 Bridge Interior (opcedain) | 0.08641 |
| f115r #13 | 2 | [yo]dy endings (kody), eka (cekar), o[fptk]ai4n (qokain), o[fptk]c + e0-4dy (qokceedy, qotceedy), o[fptk]e4dy (qokeedy), o[tk]e0-4y (oky), okol variants (qokol), ora (orar), otar variants (otar, ytar), rai4n (raiin) | f69r Labeled Interior Bar #20 (qokol), f69r Labeled Interior Bar #21 (otar), f86v3 Jet Figure #1 (qokeedy, raiin, ytain, ytar), Rosette #2 Bottom Exterior Label (oedody), Rosette #2 Interior Ring (orar, yky), Rosette #2 Outer Ring (cekar, okcedy) | 0.15167 |
| f115v #1 | 5 | cedai4[lrsm \| n] (cedar), ek[yoa] (ceeky), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qotceey), o[fptk]c + e0-4dy (ytceedy, qokcedy, qokceedy, qokcseedy, okcedy, otceedy), o[fptk]e4dy (qokeedy, yteedy, qotedy), o[tk]e0-4y (qoteey, qoty), okar variants (qokar), om + o[fptk\| dlrsmg]am (om), otar variants (otar, qotar) | Rosette #5 Compartment #3 (okcedy), Rosette #5 Compartment #7 (oteedy), Rosette #5 Compartment #9 (otcedam), Rosette #5 Outer Ring (oekaiiin, okair, otar, yky) | 0.16197 |
| f115v #2 | 6 | [tk]e4dy (tedy), [yo]dy endings (oteody), c \| cs + e0-4[dlrsmg] (cseed), o[tk]e0-4y (qokeey), okor variants (okor), pc-initial (pceody), yodai0-4n (odaiin) | f67v2 Diagram Center #4 (okoral), f68r3 Star Quadrant #5 (pceody), f85r2 Quadrant 3 (tedy), Rosette #5-6 Bridge #1 (cseed), Rosette #6 Exterior Label #1 (ofodydy), Rosette #6 Outer Ring (odaiiin), Rosette #6-7 Bridge #2 (oteey) | 0.09852 |
| f115v #3 | 3 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [yo]dy endings (ceody), cedai4[lrsm \| n] (cedaiin), o[fptk]c + e0-4dy (otcedy), o[fptk]c + e0-4y (qotcey), okar variants (okar) | f68r3 Star Quadrant #3 (ceo), Rosette #2 Castle #4 On Bridge to #3 (otcedy), Rosette #3 Outer Ring Sentence #1 (cedar, okar, okcsey, otody) | 0.08226 |
| f115v #4 | 8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseor), o[fptk]c + e0-4y (qotceey), otam variants (qotam) | f68v2 Stars #8 (ypcey), f69r Labeled Interior Bar #15 (qotam), f86v3 Jet Figure #4 (cseor) | 0.06494 |
| f115v #5 | 1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (lar), [yo]dy endings (ody, tceeody), o[fptk]ai4n (qokain, okain), o[tk]e0-4y (oteey, qoteey), oc[fptk]e4y (ceockey), okar variants (qokar) | f67v2 North-Oriented Text (dceeeor), f68r3 Star Quadrant #1 (ceocpey), Rosette #1 Outer Ring (kaiir, ody, okain, okair, yky) | 0.08708 |
| f115v #6 | 2 | [yo]cse4y (ycseeey), ke4o (keeody), o[fptk]c + e0-4dy (otceedy, qokceedy), o[fptk]e4dy (qokeedy), o[tk]e0-4y (qoteey, ceoky), rai4n (raiin) | f68r3 Star Quadrant #3 (qoteey), f86v3 Jet Figure #1 (qokeedy, raiin, ycseeey), Rosette #2 Interior Ring (keeody, yky), Rosette #2 Outer Ring (okcedy) | 0.09680 |
| f115v #7 | 7 | o[fptk]c + e0-4dy (okceedy), o[fptk]e4dy (otedy, qokeedy, qotedy) | Rosette #7 Left Label #3 (otcedy), Rosette #7 Outer Ring (otedy, qotedy) | 0.07994 |
| f115v #8 | 2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [tk]c-Initial (kceedy, tceedy), [yo]ce4y + infixed versions (yceey), [yo]dy endings (ceeody), c \| c[fptk] + e4o (ceo), cectey relatives (cectey), do (dol), o[fptk]e4dy (qokeedy), okar variants (qokar) | f68r3 Star Quadrant #1 (dol), f68r3 Star Quadrant #3 (ceo), f85r2 Quadrant 1 (ceol), f86v3 Jet Figure #1 (cectey, ceeody, qokeedy, tceedy, ycseeey), Rosette #2 Interior Ring (oekairy), Rosette #2 Outer Ring (tcedaiin) | 0.07991 |
| f115v #10 | 2 | cectey relatives (cectey), cedai4[lrsm \| n] (cedal, ceedar), ety (ceety), o[fptk]c + e0-4y (qotcey), okar variants (okar), opce0-4dy (opcedy) | f68v2 Star Divider #3 (ceety), f85r2 Quadrant 1 (opcedy), f86v3 Jet Figure #1 (cectey), Rosette #2 Bottom Exterior Label (okar), Rosette #2 Outer Ring (cedas), Rosette #2 Protrusion Bottom-Left (opcey), Rosette #2 Protrusion Exterior (ceedar) | 0.10085 |
| f115v #11 | 3 | [fptk]ai4[dlrsmg \| n] (taiin), ek[yoa] (ceeky), o[fptk]c + e0-4dy (qotcedy), o[tk]e0-4y (qoteey, qoky, oky), okar variants (qokar), otar variants (ytar) | f67v2 East-Oriented Text (oky), f68r3 Star Quadrant #3 (qoteey), Rosette #3 Outer Ring Sentence #1 (kar, okar, otar, qotcedy), Rosette #3 Outer Ring Sentence #2 (cseekal) | 0.11224 |
| f115v #12 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor, cseor), o[fptk]ai4n (qokain), o[fptk]c + e0-4y (qokcey), o[fptk]e4dy (qokedy, ykeedy), o[tk][ao]s (okas), oe0-4s (ceeos), oi (oiiin) | Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #4 (okcey), Rosette #7 Outer Ring (cseor, oiin, otosaiiin, qotedy) | 0.08756 |
| f115v #13 | 1 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (dary), [yo]cp (ceocpey), [yo]dy endings (ceody), ke4o (keody), o[fptk]ai4n (qokaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qopcey), o[tk]e0-4y (oky, oty), oe0-4s (ceeos), okar variants (qokar) | f68r3 Star Quadrant #1 (ceocpey), f68v2 Star Divider #8 (dary), f68v3 Sides #1 (ceody, keody), f69r Labeled Interior Bar #18 (oky), Rosette #1 Outer Ring (okain, okair, okcegy, os, yky) | 0.11327 |
| f116r #1 | 1 | l-prefix + [fptk \| dlrsmg] + ai4[dlrsmg \| n] (lar), o[fptk]ai4n (okain, qokain), o[tk]e0-4y (okeey, oky) | f69r Labeled Interior Bar #18 (oky), Rosette #1 Outer Ring (lar, okain, yky) | 0.07816 |
| f116r #2 | 4 | ceckey relatives (ceckey), o[fptk]c + e0-4dy (qokcedy), o[fptk]e4dy (otedy, oteedy), o[lr]y (oly), o[tk]e0-4y (oteey, otey, oty), otal variants (otal), otar variants (qotar), otor variants (otor) | f86v3 Jet Figure #2 (oteey, otor), Rosette #4 Compartment #1 (ory), Rosette #4 Compartment #4 (oteedy), Rosette #4 Compartment #7 (opcedy), Rosette #4 Compartment #8 (ceeyky), Rosette #4 Outer Ring (ceckey, otal, otar, otedy) | 0.13328 |
| f116r #3 | 1 | l[drs] Prefixes (ldy), o[fptk]ai4n (qokain), o[fptk]e4dy (qokeedy, otedy, yteedy), o[tk]e0-4y (otey, qokeey, qoteey, okeey) | f68v2 Star Divider #1 (otey), Rosette #1 Outer Ring (ldy, okain, otedy, yky), Rosette #1 Quadrant #4 (okedy) | 0.16464 |
| f116r #4 | 6 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), c \| cs + e0-4[dlrsmg] (cseed), ce4a (ceear), ceckey relatives (ceeckey), Consonant Clusters (ls), et[yoa] (cseety), o[fptk]ai4n (qokain, okain), o[fptk]e4dy (okedy, qokeedy), o[tk]e0-4y (okeey, okey), olcey relative (olceedy), otai0-4n (otain) | f68r3 Star Quadrant #4 (okey), f68r3 Star Quadrant #6 Star #3 (dg), f68v2 Stars #6 (ceetal), f69r Labeled Interior Bar #9 (ceor), f86v3 Jet Figure #3 (ceear, qotaiin), Rosette #5-6 Bridge #1 (cseed), Rosette #6 Compartment #8 Label #5 (okedy), Rosette #6 Outer Ring (ceckey, olceedy), Rosette #6-7 Bridge #2 (oteey) | 0.09250 |
| f116r #5 | 4 | o[fptk]e4dy (okeedy, oteedy), o[fptk]eda[lrsm \| n] (otedal), o[tk]e0-4y (qokeey, qoky, okeey), opam variants (opam), otal variants (otal), otar variants (otar) | f67v2 Diagram Exterior 2 (okeey), f86v3 Jet Figure #2 (qokeey, qoky), Rosette #4 Compartment #1 (okeedy), Rosette #4 Compartment #4 (opam, oteedy), Rosette #4 Outer Ring (okedaiin, otal, otar) | 0.15967 |
| f116r #6 | 7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [yo]dy endings (arody), ce4a (ceear, cseeal), ek[yoa] (cseeky), o[fptk]ai4n (okain, otain, qokaiin, qokain), o[fptk]c + e0-4y (ytceey), o[fptk]e4dy (qokedy, qokeedy, otedy, oteedy, oteeedy, okeedy), o[tk]e0-4y (okey, oteey, otey, oty, qokeey, qoky, qoty), oi (oiin), okal variants (okal, okalain, okaly, qokal), ola (olar), or[yoa] (ory), ora (orain), otar variants (qotar, otar) | f68r3 Star Quadrant #7 (otceal, qokeey), Rosette #6-7 Bridge #2 (oteey), Rosette #7 Left Label #2 (opaiiino), Rosette #7 Left Label #4 (okcey), Rosette #7 Left Label #8 (okydy), Rosette #7 Outer Ring (ceekaj, cseor, oiin, okal, olaiiin, orar, otar, otedy, oty, qotedy) | 0.24963 |
| f116r #7 | 8 | [fptk]e0-4y (keeey), c \| cs + e0-4[dlrsmg] (ceeds), ce4a (csear), ceckey relatives (ceckey), eka (cekar), o[fptk]ai4n (okain, qokain), o[fptk]c + e0-4y (qokcey), o[fptk]e4dy (qokeedy), o[tk]e0-4y (qokeey, qoky, ykeey, okeey), oe0-4s (os), oi (oiin), ol[tk] (olkey), ol[yoa] (oly), oly (oleey), orai0-4n (orain), yodai0-4n (odain), yodai0-4r (odar) | f67v2 Protrusion #1 (okeeey), f68v2 Stars #8 (ypcey), f85r2 Hand-Raisers 4 (cseeoly), f85r2 Quadrant 4 (ceckey, orain), f86v3 Jet Figure #4 (ceallar, keeey, olkey, qokain, qokeey, ykeey), Rosette #7-8 Bridge #1 (soiiin), Rosette #8 Exterior Label #1 (ofain), Rosette #8 Exterior Label #3 (ydekam), Rosette #8 Exterior Label #6 (olal), Rosette #8 Exterior Label #7 (osasy), Rosette #8 Outer Ring (cseees, odar, olkeeodaiin, oteedy) | 0.14555 |
| f116r #8 | 5 | ceckey relatives (ceckeey, ceckey), o[tk]e0-4y (okeey, okey, oky, oteey), okal variants (okal), okar variants (okar, qokar), ol[yoa] (oly), yodai0-4n (odain) | f67v2 South-Oriented Text (okolarm), f68v1 Exterior Stars #5 (okeey), f68v3 Sides #3 (ceckey), f69r Labeled Interior Bar #5 (okey), Rosette #4-5 Bridge #1 (okar), Rosette #5 Outer Ring (odaiiin, okair, okal, yky) | 0.11525 |

Table 31.15: Highest Ranked Canister Lines for All 293 Section 5 Text Sequences

| Rank | Folio | Canister Line | Section 5 Word Categories | Categorical Matches to Phytomorph Labels | Score |
|---|---|---|---|---|---|
| 35 | f113r #7 | Canister #10 f89r2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor, cseol), oi (oiin) | cseol, oiin | 0.03474 |
| 56 | f104v #8 | Canister #10 f89r2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol, cseor) | cseol | 0.03289 |
| 124 | f106v #8 | Canister #10 f89r2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseeol, cseor) | cseol | 0.02604 |
| 36 | f113r #7 | Canister #11 f89r2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor, cseol), oi (oiin) | cseol, oiin | 0.03474 |
| 57 | f104v #8 | Canister #11 f89r2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol, cseor) | cseol | 0.03289 |
| 93 | f113r #10 | Canister #11 f89r2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, cseeol, cseor), ce4a (ceal) | cseol, ofcear | 0.02877 |
| 125 | f106v #8 | Canister #11 f89r2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseeol, cseor) | cseol | 0.02604 |
| 3 | f104v #8 | Canister #12 f89r2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol, cseor), [yo]dy endings (ceeody, ceody) | ceeody, ceos | 0.05845 |
| 32 | f104r #10 | Canister #12 f89r2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ceeody) | ceeody, ceos | 0.03532 |
| 46 | f115r #8 | Canister #12 f89r2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol, ceol), [yo]dy endings (ceeody), oe0-4s (ceos) | ceeody, ceos | 0.03321 |
| 95 | f107v #6 | Canister #12 f89r2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo][fp][yoa] (opal), [yo]dy endings (ceeody) | ceeody, ceos, ofor | 0.02861 |
| 120 | f106v #8 | Canister #12 f89r2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseeol, cseor) | ceos | 0.02615 |
| 122 | f113v #7 | Canister #12 f89r2 | [yo]dy endings (ceeody), oe0-4s (ceeos) | ceeody, ceos | 0.02606 |
| 1 | f103v #7 | Canister #13 f89r2 | o[fptk]ai4n (okain) | okain | 0.06369 |
| 10 | f113v #7 | Canister #13 f89r2 | o[fptk]ai4n (okaiin, okain), otal variants (otal) | okain, otal | 0.04657 |
| 12 | f107r #14 | Canister #13 f89r2 | [yo][fp]a (opal), o[fptk]ai4n (okain), otal variants (otal) | ofakal, okain, otal | 0.04570 |
| 14 | f108r #7 | Canister #13 f89r2 | o[fptk]ai4n (okain), otal variants (otal) | okain, otal | 0.04247 |
| 15 | f113r #11 | Canister #13 f89r2 | o[fptk]ai4n (okaiin, okain), otal variants (otal) | okain, otal | 0.04246 |
| 22 | f111v #10 | Canister #13 f89r2 | o[fptk]ai4n (okain) | okain | 0.03860 |
| 29 | f114v #10 | Canister #13 f89r2 | o[fptk]ai4n (okaiin), o-axis of [yo][fptk][ao][lr] (okol), ola (olaiin), otal variants (otal) | okain, otal, otolarol | 0.03584 |
| 40 | f106r #5 | Canister #13 f89r2 | [yo][fp]a (opal), o[fptk]ai4n (okaiin), otal variants (otal) | ofakal, okain, otal | 0.03443 |
| 44 | f107v #1 | Canister #13 f89r2 | otal variants (otal) | otal | 0.03376 |

| | | | | | |
|---|---|---|---|---|---|
| 45 | f107v #10 | Canister #13 f89r2 | o[fptk]ai4n (okaiin, okain), orai0-4n (orain) | okain, orain | 0.03373 |
| 47 | f103r #6 | Canister #13 f89r2 | o[fptk]ai4n (okaiin, okain) | okain | 0.03317 |
| 53 | f107v #7 | Canister #13 f89r2 | ola (olaiin), otal variants (otal) | otal, otolarol | 0.03299 |
| 69 | f116r #5 | Canister #13 f89r2 | [ao][lr][ao][lr] Pipe/Flow (otarar), otal variants (otal) | otal, otolarol | 0.03159 |
| 72 | f107v #4 | Canister #13 f89r2 | o[fptk]ai4n (okaiin, okain), otal variants (otal), otol variants (otol) | okain, otal, otolarol | 0.03098 |
| 86 | f107v #6 | Canister #13 f89r2 | [yo][fp]a (opal), o[fptk]ai4n (okaiin), ola (olaiin), otal variants (otal) | ofakal, okain, otal, otolarol | 0.02928 |
| 88 | f107r #7 | Canister #13 f89r2 | o[fptk]ai4n (okaiiin, okaiin, okain) | okain | 0.02895 |
| 99 | f107v #8 | Canister #13 f89r2 | o[fptk]ai4n (okaiin, okain), o-axis of [yo][fptk][ao][lr] (okol), otal variants (otal) | okain, otal, otolarol | 0.02772 |
| 101 | f108r #4 | Canister #13 f89r2 | o[fptk]ai4n (okaiin), otal variants (otal) | okain, otal | 0.02699 |
| 103 | f107v #12 | Canister #13 f89r2 | o[fptk]ai4n (okaiin, okain) | okain | 0.02653 |
| 123 | f106v #6 | Canister #13 f89r2 | ola (olaiin), otal variants (otal) | otal, otolarol | 0.02604 |
| 133 | f103v #6 | Canister #13 f89r2 | ola (olaiin), or[yoa] (orol), otal variants (otal) | orain, otal, otolarol | 0.02536 |
| 136 | f112v #2 | Canister #13 f89r2 | o[fptk]ai4n (okaiin), o-axis of [yo][fptk][ao][lr] (okor), otal variants (otal) | okain, otal, otolarol | 0.02506 |
| 137 | f108r #5 | Canister #13 f89r2 | o[fptk]ai4n (okain), orai0-4n (orain) | okain, orain | 0.02502 |
| 144 | f104v #10 | Canister #13 f89r2 | o[fptk]ai4n (okaiin, okain), orai0-4n (orain) | okain, orain | 0.02453 |
| 5 | f104v #8 | Canister #14 f89v2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol, cseor) | ceeos, cseeol | 0.05771 |
| 74 | f106v #8 | Canister #14 f89v2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseeol, cseor) | ceeos, cseeol | 0.03050 |
| 135 | f107v #11 | Canister #14 f89v2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), okar variants (okar) | ceokaro, cseeol | 0.02514 |
| 68 | f113v #7 | Canister #15 f89v2 | [yo]dy endings (ceeody), okar variants (okar), otar variants (otar) | ceody, dykaran, otair | 0.03166 |
| 83 | f105v #9 | Canister #15 f89v2 | o-axis of [yo][fptk][ao][lr] (otor), otar variants (otair) | okory, otair | 0.02942 |
| 112 | f107r #8 | Canister #15 f89v2 | [yo]dy endings (ceeody, ceody), otar variants (otair) | ceody, otair | 0.02623 |
| 132 | f104v #8 | Canister #15 f89v2 | [yo]dy endings (ceeody, ceody) | ceody | 0.02542 |
| 148 | f112r #11 | Canister #15 f89v2 | [yo]dy endings (arody, ceody), okar variants (okar, okary), or[yoa] (orar) | ceody, dykaran, okory | 0.02442 |
| 150 | f104r #4 | Canister #15 f89v2 | [yo]dy endings (ceeody, ceody), o-axis of [yo][fptk][ao][lr] (otol), okar variants (okar) | ceody, dykaran, okory | 0.02439 |
| 33 | f107v #6 | Canister #18 f89v1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), olai0-4n (olaiin), opal variants (opal) | cseos, olaiin, opal | 0.03494 |
| 49 | f104v #8 | Canister #18 f89v1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol, cseor) | cseos | 0.03305 |
| 60 | f107v #7 | Canister #18 f89v1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), olai0-4n (olaiin) | cseos, olaiin | 0.03259 |
| 117 | f106v #8 | Canister #18 f89v1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseeol, cseor) | cseos | 0.02616 |
| 9 | f104r #11 | Canister #19 f99r | okar variants (okar) | okar | 0.04685 |
| 64 | f113v #7 | Canister #19 f99r | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), okar variants (okar), otal variants (otal) | daly, okar, otalag | 0.03183 |
| 66 | f112v #2 | Canister #19 f99r | okar variants (okar), okor variants (okor), otal variants (otal) | okar, okor, otalag | 0.03173 |
| 89 | f113v #11 | Canister #19 f99r | okar variants (okar), ol[yoa] (olaiin) | okar, okolo | 0.02894 |
| 127 | f104r #3 | Canister #19 f99r | okar variants (okar), ol[yoa] (otoly) | okar, okolo | 0.02589 |
| 139 | f108r #2 | Canister #19 f99r | o-axis of [yo][fptk][ao][lr] (otol), okar variants (okar) | okar, okolo | 0.02482 |
| 142 | f104r #4 | Canister #19 f99r | o-axis of [yo][fptk][ao][lr] (otol), okar variants (okar), otal variants (otal) | okar, okolo, otalag | 0.02461 |
| 129 | f114v #10 | Canister #2 f88r | o[lr]a (olaiin), okol variants (okol), otal variants (otal) | okol, orag, otaldy | 0.02580 |
| 11 | f107v #1 | Canister #25 f99v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), ece polygraph (okecey), otal variants (otal) | ceor, okecey, otal | 0.04626 |
| 31 | f108r #7 | Canister #25 f99v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), otal variants (otal) | ceor, otal | 0.03541 |
| 58 | f104v #8 | Canister #25 f99v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol, cseor) | ceor | 0.03287 |
| 61 | f107v #7 | Canister #25 f99v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), otal variants (otal) | ceor, otal | 0.03235 |
| 70 | f116r #5 | Canister #25 f99v | [ao][lr][ao][lr] Pipe/Flow (otarar), otal variants (otal) | darol, otal | 0.03159 |
| 76 | f106v #8 | Canister #25 f99v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseeol, cseor) | ceor | 0.03036 |
| 100 | f113r #7 | Canister #25 f99v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor, cseol), [yo][fptk]e4od (okeody) | ceor, okeodor | 0.02755 |
| 108 | f113v #7 | Canister #25 f99v | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeos), otal variants (otal) | aly, ceor, otal | 0.02634 |
| 109 | f107r #14 | Canister #25 f99v | otal variants (otal) | otal | 0.02633 |
| 111 | f107r #15 | Canister #25 f99v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), otal variants (otal) | ceor, otal | 0.02623 |
| 149 | f113r #4 | Canister #25 f99v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor, cseol) | ceor | 0.02440 |
| 21 | f113r #10 | Canister #27 f100r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, cseeol, cseor), ce4a (ceal) | ceal, ceos | 0.03866 |
| 28 | f112r #8 | Canister #27 f100r | o[lr]a (olaiin), sai4n (sain) | oraro, sain | 0.03590 |
| 37 | f106r #6 | Canister #27 f100r | [ao][lr][ao][lr] Pipe/Flow (arol), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor, cseol), otar variants (otar), sai4n (sain) | ceos, oraro, otear, sain | 0.03472 |
| 52 | f104v #8 | Canister #27 f100r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol, cseor) | ceos | 0.03303 |
| 81 | f111v #10 | Canister #27 f100r | ce4a (ceal), sai4n (sain) | ceal, sain | 0.02966 |
| 82 | f111v #5 | Canister #27 f100r | ce4a (ceal) | ceal | 0.02947 |
| 90 | f107v #6 | Canister #27 f100r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo][fp]a (opal), o[lr]a (olaiin), otar variants (otar) | ceofary, ceos, oraro, otear | 0.02891 |
| 98 | f112v #11 | Canister #27 f100r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), oi (oiin), sai4n (sain) | ceos, sain, soity | 0.02792 |
| 119 | f106v #8 | Canister #27 f100r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseeol, cseor) | ceos | 0.02615 |
| 121 | f106v #6 | Canister #27 f100r | o[lr]a (olaiin), sai4n (sain) | oraro, sain | 0.02606 |
| 48 | f104v #8 | Canister #28 f100r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol, cseor) | ceom | 0.03305 |
| 116 | f106v #8 | Canister #28 f100r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseeol, cseor) | ceom | 0.02616 |
| 51 | f104v #8 | Canister #29 f100v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol, cseor) | ceos | 0.03303 |
| 92 | f113r #10 | Canister #29 f100v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, cseeol, cseor), ce4a (ceal) | ceos, dykceal | 0.02885 |
| 118 | f106v #8 | Canister #29 f100v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseeol, cseor) | ceos | 0.02615 |
| 13 | f116r #5 | Canister #33 f101v2 | otal variants (otal), otar variants (otar, otarar) | otal, otarar | 0.04437 |
| 23 | f107v #1 | Canister #33 f101v2 | otal variants (otal), otar variants (otar) | otal, otarar | 0.03799 |
| 42 | f107r #12 | Canister #33 f101v2 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), ora (orar), otal variants (otal), otar variants (otair) | aly, orar, otal, otarar | 0.03402 |
| 54 | f107v #7 | Canister #33 f101v2 | o[lr]a (olaiin), otal variants (otal) | otal, soraly | 0.03292 |
| 63 | f113v #7 | Canister #33 f101v2 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), otal variants (otal), otar variants (otar) | aly, otal, otarar | 0.03196 |
| 73 | f114v #10 | Canister #33 f101v2 | o[lr]a (olaiin), o-axis of [yo][fptk][ao][lr] (okol), otal variants (otal) | dokor, otal, soraly | 0.03083 |
| 94 | f108r #7 | Canister #33 f101v2 | otal variants (otal) | otal | 0.02862 |
| 110 | f107r #14 | Canister #33 f101v2 | otal variants (otal) | otal | 0.02633 |
| 126 | f106v #6 | Canister #33 f101v2 | o[lr]a (olaiin), otal variants (otal) | otal, soraly | 0.02599 |
| 134 | f103v #6 | Canister #33 f101v2 | o[lr]a (olaiin), or[yoa] (orol), otal variants (otal) | otal, soraly | 0.02533 |
| 140 | f106v #1 | Canister #33 f101v2 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly, daly), otar variants (otair, otar) | aly, otarar | 0.02481 |
| 141 | f104v #1 | Canister #33 f101v2 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), ora (orar), otar variants (otair, otarar) | aly, orar, otarar | 0.02464 |

| | | | | | |
|---|---|---|---|---|---|
| 8 | f104v #8 | Canister #4 f88v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol, cseor), [yo]dy endings (ceeody, ceody) | arody, cpeeor | 0.05003 |
| 25 | f105r #10 | Canister #4 f88v | o[lr][yoa] (orol), otar variants (otar) | okolyd, otar | 0.03728 |
| 27 | f113v #7 | Canister #4 f88v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeos), [yo]dy endings (ceeody), otar variants (otar) | arody, cpeeor, otar | 0.03671 |
| 30 | f115r #13 | Canister #4 f88v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), [yo]dy endings (cseody), o[lr][yoa] (orar), otar variants (otar) | arody, cpeeor, okolyd, otar | 0.03558 |
| 34 | f106r #6 | Canister #4 f88v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor, cseol), aro[dlrsmg] (arol), okol variants (okol), otar variants (otar) | arody, cpeeor, okolyd, otar | 0.03481 |
| 38 | f107v #6 | Canister #4 f88v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ceeody), ol[yoa] (olaiin), otar variants (otar) | arody, cpeeor, okolyd, otar | 0.03459 |
| 55 | f103v #7 | Canister #4 f88v | otar variants (otar) | otar | 0.03290 |
| 71 | f104r #6 | Canister #4 f88v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ceeody), o-axis of [yo][fptk][ao][lr] (otor), otar variants (otar) | arody, cpeeor, otar, otokol | 0.03118 |
| 85 | f112r #1 | Canister #4 f88v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (otody), ol[yoa] (olaiin), otar variants (otair, otar) | arody, cpeeor, okolyd, otar | 0.02936 |
| 96 | f113v #3 | Canister #4 f88v | o-axis of [yo][fptk][ao][lr] (otor), otar variants (otar) | otar, otokol | 0.02832 |
| 106 | f104r #10 | Canister #4 f88v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ceeody) | arody, cpeeor | 0.02641 |
| 114 | f106v #8 | Canister #4 f88v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseeol, cseor) | cpeeor | 0.02617 |
| 138 | f107r #9 | Canister #4 f88v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), o[lr][yoa] (orol), otar variants (otar) | cpeeor, okolyd, otar | 0.02493 |
| 145 | f106v #1 | Canister #4 f88v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor), otar variants (otair, otar) | cpeeor, otar | 0.02449 |
| 4 | f104v #8 | Canister #42 f102v2 Top | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol, cseor), [yo]dy endings (ceeody, ceody) | cseor, otody | 0.05820 |
| 75 | f106v #8 | Canister #42 f102v2 Top | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseeol, cseor) | cseor | 0.03045 |
| 107 | f104r #10 | Canister #42 f102v2 Top | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ceeody) | cseor, otody | 0.02636 |
| 130 | f115r #13 | Canister #42 f102v2 Top | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), [yo]dy endings (cseody), ols (ceols), ora (orar) | cseor, olsodar, orar, otody | 0.02548 |
| 147 | f108r #5 | Canister #42 f102v2 Top | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol, cseor), ora (orain) | cseor, orar | 0.02444 |
| 17 | f113v #7 | Canister #5 f88v | o[fptk]ai4n (okaiin, okain), oe0-4s (ceeos) | ceeos, okaiiin | 0.04150 |
| 43 | f107v #5 | Canister #5 f88v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor), o[fptk]ai4n (okaiin), o[lr][yoa] (olaiin) | ceeos, okaiiin, otory | 0.03378 |
| 50 | f104v #8 | Canister #5 f88v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol, cseor) | ceeos | 0.03304 |
| 62 | f103v #7 | Canister #5 f88v | o[fptk]ai4n (okain) | okaiiin | 0.03196 |
| 87 | f107r #7 | Canister #5 f88v | o[fptk]ai4n (okaiiin, okaiin, okain) | okaiiin | 0.02905 |
| 97 | f113r #11 | Canister #5 f88v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor), o[fptk]ai4n (okaiin, okain) | ceeos, okaiiin | 0.02811 |
| 102 | f107v #10 | Canister #5 f88v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), o[fptk]ai4n (okaiin, okain), or[yoa] (orain) | ceeos, okaiiin, otory | 0.02673 |
| 113 | f106v #12 | Canister #5 f88v | o[fptk]ai4n (okaiin), oe0-4s (otos), otor variants (otor) | ceeos, okaiiin, otor | 0.02622 |
| 115 | f106v #8 | Canister #5 f88v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseeol, cseor) | ceeos | 0.02616 |
| 131 | f103r #10 | Canister #5 f88v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), o[fptk]ai4n (okaiin) | ceeos, okaiiin | 0.02546 |
| 143 | f108r #5 | Canister #5 f88v | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol, cseor), o[fptk]ai4n (okain), or[yoa] (orain) | ceeos, okaiiin, otory | 0.02455 |
| 80 | f107r #7 | Canister #7 f89r1 | yodai0-4n (ceodaiin) | ceodaiin | 0.02992 |
| 2 | f113v #7 | Canister #8 f89r1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeos), o[fptk]ai4n (okaiin, okain) | ceol, okaiin | 0.06142 |
| 6 | f107v #5 | Canister #8 f89r1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor), o[fptk]ai4n (okaiin), o[lr]a (olaiin) | ceol, okaiin, otorain | 0.05765 |
| 7 | f103r #10 | Canister #8 f89r1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), o[fptk]ai4n (okaiin) | ceol, okaiin | 0.05058 |
| 16 | f113r #11 | Canister #8 f89r1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor), o[fptk]ai4n (okaiin, okain) | ceol, okaiin | 0.04197 |
| 18 | f107v #10 | Canister #8 f89r1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), o[fptk]ai4n (okaiin, okain), orai0-4n (orain) | ceol, okaiin, otorain | 0.03974 |
| 19 | f107v #6 | Canister #8 f89r1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), o[fptk]ai4n (okaiin), o[lr]a (olaiin) | ceol, okaiin, otorain | 0.03943 |
| 20 | f106v #8 | Canister #8 f89r1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseeol, cseor) | ceol | 0.03886 |
| 24 | f113r #10 | Canister #8 f89r1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, cseeol, cseor), o[fptk]ai4n (okaiin) | ceol, okaiin | 0.03789 |
| 26 | f107v #12 | Canister #8 f89r1 | o[fptk]ai4n (okaiin, okain) | okaiin | 0.03709 |
| 39 | f104r #10 | Canister #8 f89r1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol) | ceol | 0.03454 |
| 41 | f112v #12 | Canister #8 f89r1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), o[fptk]ai4n (okaiin, okain) | ceol, okaiin | 0.03425 |
| 59 | f104v #8 | Canister #8 f89r1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol, cseor) | ceol | 0.03272 |
| 65 | f103v #7 | Canister #8 f89r1 | o[fptk]ai4n (okain) | okaiin | 0.03179 |
| 67 | f107v #7 | Canister #8 f89r1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), o[lr]a (olaiin) | ceol, otorain | 0.03170 |
| 77 | f113v #9 | Canister #8 f89r1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), o[fptk]ai4n (okaiiin, okaiin), o[tk]e0-4y (oky) | ceol, okaiin, ykyd | 0.03034 |
| 78 | f107v #9 | Canister #8 f89r1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), o[fptk]ai4n (okaiin, okain) | ceol, okaiin | 0.03029 |
| 79 | f104r #11 | Canister #8 f89r1 | o[fptk]ai4n (okaiin) | okaiin | 0.03028 |
| 84 | f107v #2 | Canister #8 f89r1 | o[fptk]ai4n (okaiin), o[tk]e0-4y (oky) | okaiin, ykyd | 0.02940 |
| 91 | f107r #7 | Canister #8 f89r1 | o[fptk]ai4n (okaiiin, okaiin, okain) | okaiin | 0.02889 |
| 104 | f103r #6 | Canister #8 f89r1 | o[fptk]ai4n (okaiin, okain) | okaiin | 0.02650 |
| 105 | f108r #4 | Canister #8 f89r1 | o[fptk]ai4n (okaiin) | okaiin | 0.02649 |
| 128 | f114r #9 | Canister #8 f89r1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, cseol), o[fptk]ai4n (okaiin), o-axis of [yo][fptk][ao][lr] (otol), orai0-4n (orain) | ceol, okaiin, otorain | 0.02589 |
| 146 | f108r #5 | Canister #8 f89r1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol, cseor), o[fptk]ai4n (okain), orai0-4n (orain) | ceol, okaiin, otorain | 0.02446 |

Table 31.16: Highest Ranked Zodiac Correlations for All 293 Section 5 Text Sequences

| Rank | Folio | Canister Line | Section 5 Word Categories | Categorical Matches to Zodiac Labels | Score |
|---|---|---|---|---|---|
| 1 | f113v #7 | Taurus | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]ai4[dlrsmg \| n] (kaiin, kar), [yo]dy endings (ceeody), eky (ceeeky), o[fptk]ai4n (okaiin), oe0-4s (ceeos), okar variants (okar), ola (olal), otal variants (otal), otar variants (otar) | aly, ceeol, cetos, cseeky, cseeolaiin, kaiin, kal, okaiin, okar, otal, otalody, otar | 0.16738 |
| 2 | f113v #7 | Gemini | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (ceeody), ek[yoa] (ceeeky), o[fptk]ai4n (okaiin), oe0-4s (ceeos), okar variants (okar), ola (olal), otal variants (otal), otar variants (otar) | aly, ceekaiin, ceeol, okaiin, okar, okeolar, otal, otar, otoees, qotceody | 0.15141 |
| 3 | f107v #5 | Taurus | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fp]ai0-4[rn] (opaiin), [yo][fptk]e4od (qokeody), ceckey relatives (ceckey), o[fptk]ai4n (okaiin), o[fptk]e4dy (otedy), okal variants (okal), olai0-4n (olaiin), otai0-4n (otaiin), sai4n (saiin) | aly, ceckey, ceeol, ceol, cseeeor, cseeolaiin, ofaralar, okaiin, okal, otaiin, oteedy, oteeodaiin, sain | 0.14680 |
| 4 | f113v #7 | Scorpio | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]ai4[dlrsmg \| n] (kaiin, kar), [yo]dy endings (ceeody), eky (ceeeky), o[fptk]ai4n (okaiin), oe0-4s (ceeos), okar variants (okar), ola (olal), otal variants (otal), otar variants (otar) | alceeky, aly, ceeody, ceeteeeos, ceor, kar, okary, olalaiin, opaiin, otal, otar | 0.13665 |
| 5 | f112r #1 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]e0-4y (keey), [yo]dy endings (ody, okody, otody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]ai4n (ceokain), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, okeeey, okeey, oty, qokeey), oa (oar), okar variants (ykair), olai0-4n (olaiin), otai0-4n (otaiin, otain), otal variants (otal), otar variants (otar, otair), sai4n (saiin) | cedaiir, ceedal, ceol, cseeolaiin, keey, oaiin, okeey, oqokar, otaiin, otain, otainy, otal, otalody, otar, otaraldy, oteedy, oteey, oteokeey, oty, sain | 0.13485 |
| 6 | f107v #6 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (kaiin, kal), [yo]dy endings (ceeody), cedai4[lrsm \| n] (cedar), o[fptk]ai4n (okaiin), okal variants (okal), ol[tk] (olkal), olai0-4n (olaiin), opal variants (opal), otal variants (otal), otar variants (otar) | cedaiir, ceeolky, ceol, cseeolaiin, kaiin, kal, okaiin, okal, opalar, otal, otalody, otar | 0.13340 |
| 7 | f103r #10 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (kaiin), ce4a (ceal), c-sequence + e4 + [fptk] + c-sequence + e4 + y (cepcey), o[fptk]ai4n (okaiin), o[fptk]e4dy (otedy), o[tk]e0-4y (oteey, okeey), ora (oraiin) | ceal, ceol, cepcey, kaiin, okaiin, okeey, oteedy, oteey, oteorar | 0.12821 |
| 8 | f112r #1 | Pisces | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]ai4n (ceokain), o[fptk]e4dy (oteedy), o[fptk]ody (otody), o[tk]e0-4y (oty, | ceedaiin, ceokain, ceol, ody, okody, otaiin, otal, otar, otaral, | 0.12701 |

| | | | | | |
|---|---|---|---|---|---|
| | | | qokeey, oteey, okeeey, okeey), oa (oar), okar variants (ykair), okod variants (okody), olai0-4n (olaiin), otai0-4n (otaiin, otain), otal variants (otal), otar variants (otar, otair) | oteedy, oteey, oteoal, oteotey, otody, oty, ykair, ykolaiin | |
| 9 | f107v #5 | Gemini | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fptk]e4od (qokeody), o[fptk]ai4n (opaiin, okaiin), okal variants (okal), olai0-4n (olaiin), otai0-4n (otaiin) | aly, ceeol, ceol, ceotaiin, okaiin, okal, olain, otaiin, qokeodal | 0.12676 |
| 10 | f112v #12 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), ce4a (ceal), ceckey relatives (ceckey), o[fptk]ai4n (okaiin), o[fptk]e4dy (oteedy), olo (ceeolor), otam variants (otam) | ceal, ceckey, ceeol, ceeolor, ceol, okaiin, otam, oteedy | 0.12571 |
| 11 | f112r #2 | Aries | cectey relatives (cectey), o[fptk]e4dy (okeedy, oteedy), o[tk]e0-4y (oteey, otey, qokeey, okeey, ceoty), otai0-4n (otaiin) | cectey, lcseeotey, okeeedy, otaiin, oteedy, oteey, otey | 0.12565 |
| 12 | f112r #9 | Virgo | [yo][fptk]e4od + y (okeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (okeey), okal variants (okal) | ceokeedy, okaiiiny, okal, okedy, okeedy, okeey, okeody | 0.12514 |
| 13 | f112r #2 | Taurus | o[fptk]e4dy (oteedy, okeedy), o[tk]e0-4y (okeey, oteey, otey, qokeey, ceoty), otai0-4n (otaiin) | okeedy, okeey, otaiin, oteedy, oteey, oteokeey, otey | 0.12511 |
| 14 | f112r #2 | Cancer | o[fptk]e4dy (oteedy, okeedy), o[tk]e0-4y (okeey, oteey, otey, qokeey, ceoty), otai0-4n (otaiin) | ceoty, doteey, okeey, otaiin, oteedy, oteey, otey | 0.12503 |
| 15 | f112r #9 | Taurus | [yo][fptk]e4od (okeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (okeey), okal variants (okal), otar variants (otear) | okaiin, okal, okeedy, okeey, otaraldy, oteedy, oteeodaiin | 0.12500 |
| 16 | f116r #2 | Taurus | [ao][lr][ao][lr] Pipe/Flow (aral), [fptk\| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), ceckey relatives (ceckey), o[fptk\| dlrsmg][ao]m (okam), o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oteey, otey, oty), otal variants (otal), otor variants (otor), sai4n (sain) | ary, ceckey, orom, otal, oteedy, oteey, otey, otor, oty, parar, sain | 0.12415 |
| 17 | f104r #11 | Taurus | [fptk]ai4[dlrsmg \| n] (kaiin), [yo][fptk]e4od (oteody), o[fptk]ai4n (okaiin), okal variants (okal), okar variants (okar), ora (oraiin) | kaiin, okaiin, okal, okar, oteeodaiin, oteorar | 0.12414 |
| 18 | f112r #2 | Sagittarius | o[fptk]ai4n (otaiin), o[fptk]e4dy (oteedy, okeedy), o[tk]e0-4y (okeey, oteey, otey, qokeey, ceoty) | ceeytey, ceoty, okeedy, otey, qokeey, ypaiiin, yteedy | 0.12398 |
| 19 | f107v #5 | Virgo | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fptk]e4od + y (qokeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (otedy), okal variants (okal), olai0-4n (olaiin), opai0-4n (opaiin), otai0-4n (otaiin), rai4n (raiin) | aly, ceeol, ceeos, ceetolain, ceokeedy, okaiiiny, okal, opaiin, otaiin, oteeod, raiin | 0.12311 |
| 20 | f113v #7 | Aries | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]ai4[dlrsmg \| n] (kaiin, kar), [yo]dy endings (ceeody), eky (ceeeky), o[fptk]ai4n (okaiin), oe0-4s (ceeos), ola (olal), otal variants (otal), otar variants (otar), rai4n (raiin) | *oeky, aly, ceeody, lkceol, otaiin, otal, otear, oteosaiin, otolaiin, raiin, tar | 0.12079 |
| 21 | f107v #7 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), ce4a (cear), olai0-4n (olaiin), otal variants (otal), otas variants (otas) | cear, ceol, cseeolaiin, otal, otas | 0.11916 |
| 22 | f103r #12 | Sagittarius | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), o[fptk]e4dy (okeedy, ykeedy), o[tk]e0-4y (otey, qokeey), olai0-4n (olain) | cseeol, okeedy, oteolain, otey, qokeey, yteedy | 0.11885 |
| 23 | f103r #15 | Aries | [fptk]ai4[dlrsmg \| n] (tar), ce4a (ceeal, cseeal), o[fptk]c + e0-4dy (otcseedy), o[tk]e0-4y (qokeey, cseokey) | ceekeal, cseeal, cseokey, lcseeotey, otcsecsedy, tar | 0.11858 |
| 24 | f107v #5 | Aries | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fp][yoa](opaiin), [yo][fptk]e4od + y (qokeody), ceckey relatives (ceckey), o[fptk]ai4n (okaiin), o[fptk]e4dy (otedy), okal variants (okal), olai0-4n (olaiin), otai0-4n (otaiin), rai4n (raiin), sai4n (saiin) | aly, cseckeey, llkceol, okalody, okeeedy, okeokeokeody, olaiin, opotey, otaiin, raiin, saiin | 0.11847 |
| 25 | f114v #12 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]ai4[dlrsmg \| n] (tar), [yo][fptk]e4o (oteo, oteeo), [yo]dy endings (ceeody), c \| c[fptk] + e4o (ceo), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (otceey), o[tk]e0-4y (oteeey, oteey, ceoty, okeey), okal variants (okal), otai0-4n (otaiin, otain), otal variants (otal), otam variants (otam) | ceeol, cseeeo, kal, ocseodody, okaiin, okal, okeey, otaiin, otain, otal, otam, otcey, oteeo, oteey, oteo, oteokeey | 0.11742 |
| 26 | f108v #8 | Taurus | [ao][lr][ao][lr] Pipe/Flow (aral), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor, cseeol, cseeor), [fptk]ai4[dlrsmg \| n] (kar, tar), [yo][fptk]e4od (okeody), ce4a (cseeal, cseear, ceal, ceeal), cedai4[lrsm \| n] (ceedaiin, ceedar), o[fptk]e4dy (otedy, oteedy, okeedy, qoteedy), o[tk]e0-4y (okeey, ykeey, oteey, qokeey, okey, ceoteey), oce4y (oceey), oe0-4s (ys), otai0-4n (otaiin), otal variants (otal), otam variants (otam), sai4n (saiin, sain) | ceal, cedaiir, ceeol, cekeeal, ceol, cseeeor, kal, oceey, okeedy, okeey, otaiin, otal, otam, oteedy, oteeodaiin, oteey, oteokeey, oteorar, sain, ys | 0.11642 |
| 27 | f112r #9 | Leo | [yo][fptk]e4od + y (okeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (okeey), okal variants (okal), otar variants (otear) | ***otaiin, cseedykeal, cseokeedy, okedy, okeey, okeody, ototeear | 0.11641 |
| 28 | f112r #9 | Scorpio | [yo][fptk]e4od + y (okeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (okeey), otar variants (otear) | okedy, okeedy, okeey, okeody, opaiin, otar, oyteedy | 0.11610 |
| 29 | f113v #7 | Libra | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [yo]dy endings (ceeody), eky (ceeeky), o[fptk]ai4n (okaiin), oe0-4s (ceeos), okar variants (okar), ola (olal), otal variants (otal), otar variants (otar) | aly, ceeeky, oeeeos, oeeody, okar, opaiin, otalal, otar, ytolaiin | 0.11590 |
| 30 | f103r #18 | Sagittarius | o[tk]e0-4y (oteey, qokeey, qoty), opce0-4y (qopceey), otal variants (otal) | ceeytey, qokeey, qopceey, qoty, ytaly | 0.11541 |
| 31 | f103v #5 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), ce4a (cear), o[fptk]e4dy (oteedy), otai0-4n (otain), otal variants (otaly), otam variants (otam), otar variants (otar) | cear, cseeeor, cseo, otain, otaly, otam, otar, oteedy | 0.11508 |
| 32 | f112r #2 | Pisces | o[fptk]e4dy (okeedy, oteedy), o[tk]e0-4y (oteey, otey, qokeey, okeey, ceoty), otai0-4n (otaiin) | otaiin, oteedy, oteey, oteotey, otey | 0.11382 |
| 33 | f113v #12 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceeor), [yo]dy endings (ceeody), c-sequence + e4 + [fptk] + e4 + y (ceekey), o[fptk]e4dy (okeedy), o[tk]e0-4y (okeey, oteeey, oteey), ora (oraiin), otai0-4n (otaiin, otain), otar variants (otar), otor variants (otor) | ceeol, ceeor, cseetey, okeedy, okeey, otaiin, otain, otalody, otar, oteey, oteokeey, oteorar, otor | 0.11349 |
| 34 | f107v #5 | Sagittarius | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fptk]e4od + y (qokeody), o[fptk]ai4n (okaiin, otaiin), o[fptk]e4dy (otedy), okal variants (okal), olai0-4n (olaiin), opai0-4n (opaiin) | aly, okal, opaiin, otedy, oteolain, qokeody, tceol, ypaiiin | 0.11309 |
| 35 | f114v #10 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk]e0-4y (teey), [yo][fptk]e4o (oteeo), c \| c[fptk] + e4o (ceeo), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (qopceey), o[fptk]c + e4ody (otceeody), okol variants (okol), olai0-4n (olaiin), otai0-4n (otaiin), otal variants (otal) | cseeeo, cseeolaiin, cseo, okaiin, okol, otaiin, otal, otceody, otcey, oteeo, teey | 0.11301 |
| 36 | f114v #12 | Gemini | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo][fptk]e4o (oteeo, oteo), [yo]dy endings (ceeody), c \| c[fptk] + e4o (ceo), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (otceey), o[tk]e0-4y (oteeey, oteey, ceoty, okeey), okal variants (okal), otai0-4n (otaiin, otain), otal variants (otal), otam variants (otam) | ceeo, ceeol, ceotaiin, okaiin, okal, okeey, okeo, otaiin, otal, otam, otceey, oteeey, oteey, oteeykeeytey, qotceody | 0.11072 |
| 37 | f113v #7 | Virgo | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]ai4[dlrsmg \| n] (kaiin, kar), [yo]dy endings (ceeody), eky (ceeeky), o[fptk]ai4n (okaiin), oe0-4s (ceeos), ola (olal), otal variants (otal), rai4n (raiin) | aly, ceeol, ceeos, ceotal, cseeeoeky, kair, okaiiiny, olal, raiin, yteody | 0.11024 |
| 38 | f113v #7 | Pisces | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin), oe0-4s (ceeos), okar variants (okar), ola (olal), otal variants (otal), otar variants (otar) | alody, ceokain, cseeeor, daly, okar, opys, otal, otar, ykolaiin | 0.11023 |
| 39 | f107r #12 | Taurus | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), c \| c[fptk] + e4o (ceo), ce4a (ceal), o[fptk]ai4n (okaiin), o[fptk]e4dy (qoteedy), oi (oiin), okal variants (okal), ol[tk] (olkar), otal variants (otal), otam variants (otam), otar variants (otair) | aly, ceal, ceeol, ceeolky, cseeeo, okaiin, okal, okoiin, otal, otam, otaraldy, oteedy | 0.10983 |
| 40 | f112r #1 | Aries | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ody), o[fptk]ai4n (ceokain), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, oty, qokeey, okeeey, okeey), oa (oar), okod variants (okody), olai0-4n (olaiin), otai0-4n (otaiin, otain), otal variants (otal), otar variants (otar, otair), otod variants (otody), sai4n (saiin) | araydy, lcseeotey, lkceol, oar, okody, olaiin, otaiin, otal, otear, oteedy, oteeodals, oteey, saiin | 0.10883 |
| 41 | f104r #11 | Gemini | [yo][fptk]e4od (oteody), o[fptk]ai4n (okaiin), okal variants (okal), okar variants (okar), ora (oraiin) | okaiin, okal, okar, orary, qokeodal | 0.10846 |
| 42 | f107v #5 | Cancer | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fptk]e4od + y (qokeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (otedy), okal variants (okal), olai0-4n (olaiin), opai0-4n (opaiin), opc + e4ol (opceol), otai0-4n (otaiin) | aly, ceeeor, ceeol, okalar, okeeody, olaiin, opceol, opoiiin, otaiin, oteedy, ypaiiin | 0.10833 |
| 43 | f108v #8 | Cancer | [ao][lr][ao][lr] Pipe/Flow (aral), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol, cseeor, ceeol, ceol, ceor), [yo][fptk]e4od + y (okeody), ce4a (cseeal, cseear, ceal, ceeal), cedai4[lrsm \| n] (ceedaiin, ceedar), o[fptk]e4dy (okeedy, otedy, oteedy, qoteedy), o[tk]e0-4y (ykeey, oteey, qokeey, okey, okeey, ceoteey), oce4y (oceey), oe0-4s (ys), otai0-4n (otaiin) | aral, ceeal, ceedaiin, ceeeor, ceeol, ceoctear, ceoteey, ceteos, cseeal, cseear, cseeol, cseeor, doteey, oceey, okeey, okeody, otaiin, oteedy, oteey, ykeey | 0.10827 |
| 44 | f112r #2 | Virgo | o[fptk]e4dy (okeedy, oteedy), o[tk]e0-4y (oteey, otey, qokeey, okeey, ceoty), otai0-4n (otaiin) | ceokeedy, cseeoty, okeedy, okeey, otaiin, otey | 0.10821 |
| 45 | f103v #8 | Taurus | [fptk]ai4[dlrsmg \| n] (tar), [fptk]e0-4y (keey), a[dlrsmg]am (aram), ce4a (cseal), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, oty, qokeey, qoty, ykeey), opar variants (opar), otai0-4n (otain), otal variants (otal), otam variants (otam), otar variants (otear), sai4n (sain) | cekeeal, kal, keey, okalam, opar, otain, otal, otam, otaraldy, oteedy, oteey, oteokeey, oty, sain | 0.10819 |
| 46 | f107v #5 | Pisces | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fp][yoa](opaiin), [yo][fptk]e4od + y (qokeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (otedy), okal variants (okal), olai0-4n (olaiin), opc + e4ol (opceol), otai0-4n (otaiin) | ceokain, ceol, cseeeor, daly, okal, opceeol, opys, otaiin, oteedy, oteeody, ykolaiin | 0.10798 |
| 47 | f108r #13 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]ce4y (yceey), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]e4dy (ceokeedy, okedy, okeedy, otedy, oteedy), o[tk]e0-4y (qokeey, yty, okeey, okey), okar variants (okar), ola (olal), om (okeeom), otai0-4n (otain), otam variants (otam), otar variants (otarar) | cedaiir, ceedal, ceol, cseeolaiin, cseo, ofacfom, okar, okeedy, okeey, okoceey, otain, otalody, otam, otaraldy, oteedy, oteokeey | 0.10781 |
| 48 | f112r #9 | Libra | [yo][fptk]e4od + y (okeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (okeey), okal variants (okal), otar variants (otear) | okal, okeey, opaiin, otear, ykeedy, yteod | 0.10770 |
| 49 | f112r #9 | Cancer | [yo][fptk]e4od + y (okeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (okeey), okal variants (okal), otar variants (otear) | okalar, okeey, okeody, opoiiin, oteedy, ytairal | 0.10747 |
| 50 | f112r #2 | Scorpio | o[fptk]ai4n (otaiin), o[fptk]e4dy (oteedy, okeedy), o[tk]e0-4y (okeey, ceoty, oteey, otey, qokeey) | ceoteey, okeedy, okeey, opaiin, oteey, otey, oyteedy | 0.10736 |
| 51 | f112r #1 | Scorpio | [dlrsmg]ai4m (dam, ram), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ody, okody, otody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]ai4n (ceokain, otaiin, otain), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, oty, qokeey, okeeey, okeey), okar variants (ykair), olai0-4n (olaiin), otal variants (otal), otar variants (otar, otair) | ceedar, ceetceody, ceor, ceoteey, dam, okary, okeey, olalaiin, opaiin, otal, otar, oteey, oyteedy, salceedal | 0.10577 |
| 52 | f112r #1 | Cancer | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]e0-4y (keey), [yo]dy endings (ody, okody, otody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]ai4n (ceokain), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, oty, qokeey, okeeey, okeey), oa (oar), okar variants (ykair), olai0-4n (olaiin), otai0-4n (otaiin, otain), otar variants (otair, otar) | ceedaiin, ceeeor, doteey, fydy, okarar, okeeey, okeey, olaiin, opoiiin, otaiin, oteedy, oteey, teey, ytairal, ytoar | 0.10556 |
| 53 | f107r #12 | Gemini | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), c \| c[fptk] + e4o (ceo), ce4a (ceal), o[fptk]ai4n (okaiin), oe sans oy + oe4y, oe0-4s (oeedy), okal variants (okal), otal variants (otal), otam variants (otam), otar variants (otair) | aly, ceal, ceeo, ceeol, okaiin, okal, otair, otal, otam, qoeeeol | 0.10514 |
| 54 | f107v #1 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [fptk]ai4[dlrsmg \| n] (kal), [yo]dy endings (alody), eky (ceeky), o[fptk]e4dy (otedy), o[fptk]e4os (oteos), oce4y + infixed versions (cseoctey), otai0-4n (otaiin), otal variants (otal), otar variants (otar), sai4n (sain) | ceeky, cseol, kal, ocseodody, okoceey, otaiin, otal, otar, oteedy, oteos, sain | 0.10502 |
| 55 | f113v #7 | Cancer | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (ceeody), eky (ceeeky), o[fptk]ai4n (okaiin), oe0-4s (ceeos), okar variants | aly, ceeky, ceeol, ceteos, fydy, okar, olalsy, opoiiin, ytairal | 0.10475 |

| | | | | | |
|---|---|---|---|---|---|
| | | | (okar), ola (olal), otar variants (otar) | | |
| 56 | f113v #12 | Aries | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceeor), [yo]dy endings (ceeody), cectey relatives (cectey), c-sequence + e4 + [fptk] + e4 + y (ceekey), o[fptk]e4dy (okeedy), o[lr]a (oraiin), o[tk]e0-4y (oteeey, oteey, okeey), otai0-4n (otaiin, otain), otar variants (otar), otor variants (otor) | cectey, ceekey, ceeody, lcseeotey, lkceol, okeeedy, otaiin, otear, oteey, otolaiin, otor | 0.10468 |
| 57 | f103r #9 | Taurus | ce4a (ceal), o[fptk]ai4n (okaiin), o[tk]e0-4y (okeey, qokeey), oce4y (qoceey), otai0-4n (otain) | ceal, okaiin, okeey, okoceey, otain, oteokeey | 0.10424 |
| 58 | f116r #3 | Sagittarius | [yo]dy endings (teody), o[fptk]e4dy (yteedy, otedy), o[fptk]edar (oteedar), o[tk]e0-4y (otey, qokeey, okeey) | ceeytey, otedy, otey, qokeey, ykeeody, ytedar, yteedy | 0.10382 |
| 59 | f107v #5 | Libra | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [yo][fptk]e4od + y (qokeody), o[fptk]ai4n (okaiin, otaiin), o[fptk]e4dy (otedy), okal variants (okal), olai0-4n (olaiin), opai0-4n (opaiin), sai4n (saiin) | aly, okal, opaiin, otedy, saiin, yteod, ytolaiin | 0.10378 |
| 60 | f114v #10 | Gemini | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk]e0-4y (teey), [yo][fptk]e4o (oteeo), c \| c[fptk] + e4o (ceeo), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (qopceey), o[fptk]c + e4ody (otceeody), o-axis of [yo][fptk][ao][lr] (okol), olai0-4n (olaiin), otai0-4n (otaiin), otal variants (otal) | ceeo, cseo, okaiin, okeo, olain, otaiin, otal, otceey, otolam, qotceody, tey | 0.10258 |
| 61 | f116r #2 | Aries | [ao][lr][ao][lr] Pipe/Flow (aral), [fptk\| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), ceckey relatives (ceckey), o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oteey, otey, oty), okam variants (okam), otal variants (otal), otor variants (otor), sai4n (sain) | cseckeey, dalalody, lcseeotey, okeeedy, otal, oteedy, oteey, otey, otokaim, otor, saiin, sary | 0.10246 |
| 62 | f112r #2 | Gemini | o[tk]e0-4y (oteey, otey, qokeey, ceoty, okeey), otai0-4n (otaiin) | okeey, otaiin, oteey, oteeykeeytey, otey | 0.10225 |
| 63 | f112r #2 | Leo | o[fptk]ai4n (otaiin), o[fptk]e4dy (oteedy, okeedy), o[tk]e0-4y (okeey, ceoty, oteey, otey, qokeey) | ***ofaiin, cseokeedy, okeey, okyeecsey, oteey, otey | 0.10168 |
| 64 | f112r #2 | Libra | o[fptk]ai4n (otaiin), o[fptk]e4dy (oteedy, okeedy), o[tk]e0-4y (okeey, oteey, otey, qokeey, ceoty) | oeeoty, okeey, opaiin, opcseeytey, oteey, otey, ykeedy | 0.10167 |
| 65 | f104r #11 | Cancer | [yo][fptk]e4od + y (oteody), o[fptk]ai4n (okaiin), okal variants (okal), okar variants (okar), orai0-4n (oraiin) | okalar, okar, opoiiin, oraiin, oteody | 0.10143 |
| 66 | f104r #11 | Libra | [yo][fptk]e4od + y (oteody), o[fptk]ai4n (okaiin), o[lr]a (oraiin), okal variants (okal), okar variants (okar) | okal, okar, opaiin, oteody, ytolaiin | 0.10123 |
| 67 | f104r #11 | Pisces | [yo][fptk]e4od + y (oteody), o[fptk]ai4n (okaiin), o[lr]a (oraiin), okal variants (okal), okar variants (okar) | ceokain, okal, okar, oteody, otolal | 0.10123 |
| 68 | f112r #1 | Libra | [yo]dy endings (ody, okody, otody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]ai4n (ceokain, otaiin, otain), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, oty, qokeey, okeeey, okeey), oa (oar), okar variants (ykair), olai0-4n (olaiin), otal variants (otal), otar variants (otar, otair), sai4n (saiin) | csedary, oeeody, oeeoty, okar, okeey, opaiin, opcseeytey, otalaiin, otar, otear, oteey, saiin, ykeedy, yotoam, ytolaiin | 0.10065 |
| 69 | f107r #12 | Virgo | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), c \| c[fptk] + e4o (ceo), ce4a (ceal), o[fptk\| dlrsmg][ao]m (otam), o[fptk]ai4n (okaiin), o[fptk]e4dy (qoteedy), oe sans oy + oe4y, oe0-4s (oeedy), okal variants (okal), ol[tk] (olkar), otal variants (otal) | aly, ceal, ceeo, ceeol, ceokeedy, ceotal, oeedy, okaiiiny, okal, okeeom, olkar | 0.10028 |
| 70 | f112r #10 | Taurus | [ao][lr][ao][lr] Pipe/Flow (aral), [yo]dy endings (cseeody), o[fptk]ai4n (okaiiin), o[fptk]c + e0-4y (okcey), o[fptk]e4dy (otedy), o[fptk]e4os (okeeos), o[fptk]o (oto), o[lr]y (ory), okal variants (okal), okar variants (okar), opal variants (opal), sai4n (sain) | aroly, okal, okar, okeeos, opalar, otainy, otalody, otcey, oteedy, oto, parar, sain | 0.09964 |
| 71 | f113v #9 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, cseeol), [fptk]e0-4y (keey), ce4a (cear, otceam), o[fptk]ai4n (okaiiin, okaiin), o[tk]e0-4y (oteey, qokeey, oky), okal variants (okal), okar variants (okar), otai0-4n (otaiin, otain) | cear, ceeol, cekeeal, cseeeor, keey, okaiin, okal, okar, otaiin, otain, otainy, oteey, oteokeey | 0.09942 |
| 72 | f112r #10 | Cancer | [ao][lr][ao][lr] Pipe/Flow (aral), [yo]dy endings (cseeody), a[lr]an (alain), o[fptk]ai4n (okaiiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (okcey), o[fptk]e4dy (otedy), o[fptk]e4os (okeeos), o[fptk]o (oto), okal variants (okal), okar variants (okar), opal variants (opal), ory (ory) | alaiiin, aral, fydy, ofcseoldy, okaiiin, okalar, okar, okeos, opalal, ory, oteedy, oto | 0.09939 |
| 73 | f116r #5 | Taurus | o[fptk]e4dy (okeedy, oteedy), o[tk]e0-4y (qokeey, okeey), otal variants (otal), otar variants (otar, otarar) | okeedy, okeey, otal, otar, otaraldy, oteedy, oteokeey | 0.09919 |
| 74 | f113v #2 | Cancer | [yo][fptk]e4od + y (oteody), o[fptk]e4dy (otedy, oteedy), o[fptk]edar (otedar), o[tk]e0-4y (qokeey), o[tk]e4s (otees), oc[fptk]e4y (ceockey), otai0-4n (otaiin) | cseoctey, doteey, otaiin, otedar, oteedy, otees, oteody | 0.09913 |
| 75 | f107v #6 | Scorpio | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (kaiin, kal), [yo]dy endings (ceeody), [yo]pa (opal), cedai4[lrsm \| n] (cedar), o[fptk]ai4n (okaiin), ol[tk] (olkal), olai0-4n (olaiin), otal variants (otal), otar variants (otar) | cedar, ceeody, ceor, kar, olalaiin, olteey, opaiin, opar, otal, otar | 0.09895 |
| 76 | f112r #9 | Aries | [yo][fptk]e4od + y (okeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (okeey), okal variants (okal), otar variants (otear) | lcseeotey, okalody, okeeedy, okeokeokeody, otaiin, otear, oteedy | 0.09880 |
| 77 | f112r #9 | Sagittarius | [yo][fptk]e4od + y (okeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (okeey), okal variants (okal) | ceeytey, okal, okeedy, okeody, ypaiiin, yteedy | 0.09871 |
| 78 | f112r #9 | Pisces | [yo][fptk]e4od + y (okeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (okeey), okal variants (okal), otar variants (otear) | ceokain, okal, otaral, oteedy, oteeody, oteotey | 0.09865 |
| 79 | f114v #12 | Aries | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]ai4[dlrsmg \| n] (tar), [yo][fptk]e4o (oteo, oteeo), [yo]dy endings (ceeody), c \| c[fptk] + e4o (ceo), o[fptk\| dlrsmg][ao]m (otam), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (otceey), o[tk]e0-4y (oteeey, oteey, okeey, ceoty), okal variants (okal), otai0-4n (otaiin, otain), otal variants (otal) | ceeody, cseeeokeeo, cseeo, lcseeotey, lkceol, okalody, opceey, otaiin, otal, oteey, oteo, otokaim, tar | 0.09849 |
| 80 | f107v #7 | Aries | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), ce4a (cear), olai0-4n (olaiin), otal variants (otal) | cear, lkceol, olaiin, otal | 0.09774 |
| 81 | f106v #10 | Cancer | [yo][fptk]e4od + y (oteody), o[fptk]e4dy (oteedy), o[tk]e0-4y (ceoty, okeey, oty), oce4y (okoceey), oe0-4s (ceeos), oi (oin), otai0-4n (otaiin, otain), otar variants (ceotar) | ceoty, ceteos, doteey, oceey, oin, okeey, otaiin, oteedy, oteody, ytairal | 0.09752 |
| 82 | f106v #10 | Taurus | [yo][fptk]e4od (oteody), o[fptk]e4dy (oteedy), o[tk]e0-4y (ceoty, oty, okeey), oce4y (okoceey), oe0-4s (ceeos), oi (oin), otai0-4n (otaiin, otain), otar variants (ceotar) | cetos, okeey, okoceey, okoiin, otaiin, otain, otaraldy, oteedy, oteeodaiin, oteokeey, oty | 0.09751 |
| 83 | f108r #10 | Leo | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [yo]dy endings (cseeody), o[fptk]e4dy (okedy, otedy), okar variants (okar), otal variants (otal) | cseeody, cseokeedy, cseol, okary, okedy, otaly | 0.09734 |
| 84 | f112r #1 | Leo | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]e0-4y (keey), [yo]dy endings (ody, okody, otody), o[fptk]ai4n (otaiin, otain, ceokain), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, oty, qokeey, okeeey, okeey), oa (oar), okar variants (ykair), olai0-4n (olaiin), otal variants (otal), otar variants (otar, otair) | ***ofaiin, *keody, ceol, cseokeedy, okary, okeeey, okeey, okyeecsey, olaiin, otaly, oteey, ototear, oty, teey, yal | 0.09720 |
| 85 | f103r #9 | Gemini | [yo]ce4y + infixed versions (qoceey), ce4a (ceal), o[fptk]ai4n (okaiin), o[tk]e0-4y (okeey, qokeey), otai0-4n (otain) | ceal, ceotaiin, cseeyctey, okaiin, okeey, okyd | 0.09702 |
| 86 | f103r #15 | Cancer | ce4a (ceeal, cseeal), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (otcseedy), o[tk]e0-4y (qokeey, cseokey) | ceeal, cseeal, doteey, ofcseoldy | 0.09667 |
| 87 | f103r #16 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, cseol), [fptk]e0-4y (keey), o[fptk]e4dy (oteedy, qoteedy), o[tk]e0-4y (qokeey) | ceeol, ceol, cseol, keey, oteedy, oteokeey | 0.09660 |
| 88 | f107v #4 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (kaiin), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (qoteedy), o[tk]e0-4y (ceoty, okeey, qokeey), o-axis of [yo][fptk][ao][lr] (otol), okal variants (okal), ol[tk] (olkal), otai0-4n (otain), otal variants (otal), otam variants (otam) | ceeolky, ceol, kaiin, ocseodody, okaiin, okal, okeey, okolar, otain, otal, otam, oteedy, oteokeey | 0.09621 |
| 89 | f108v #8 | Aries | [ao][lr][ao][lr] Pipe/Flow (aral), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor, cseeol, cseeor), [fptk]ai4[dlrsmg \| n] (kar, tar), [yo][fptk]e4od + y (okeody), ce4a (cseeal, cseear, ceal, ceeal), o[fptk\| dlrsmg][ao]m (otam), o[fptk]e4dy (otedy, oteedy, qoteedy, okeedy), o[tk]e0-4y (okeey, okey, ykeey, ceoteey, oteey, qokeey), oce4y (oceey), oe0-4s (ys), otai0-4n (otaiin), otal variants (otal), sai4n (saiin, sain) | cseeal, dalalody, lcseeotey, lkceol, okeeedy, okeokeokeody, okey, otaiin, otal, otecear, oteedy, oteey, oteocey, oteosaiin, otokaim, saiin, tar | 0.09614 |
| 90 | f107v #10 | Aries | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo][fptk]e4od + y (okeeody), ai0-4[dlrsmg][dlrsmg] (aldy), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (otceey), o[fptk]e4dy (okedy), oa (oaiin), otai0-4n (otaiin), rai4n (raiin) | lkceol, okeeedy, okeeody, opceey, otaiin, otteodals, oteoaldy, raiin | 0.09557 |
| 91 | f114v #12 | Virgo | [dlrsmg]ai4m (ram), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]ai4[dlrsmg \| n] (tar), [yo][fptk]e4o (oteeo, oteo), [yo]dy endings (ceeody), c \| c[fptk] + e4o (ceo), o[fptk\| dlrsmg][ao]m (otam), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (otceey), o[tk]e0-4y (oteeey, oteey, ceoty, okeey), okal variants (okal), otai0-4n (otaiin, otain), otal variants (otal) | ceeo, ceeol, ceotal, cseeoty, kair, ofceeey, okaiiiny, okal, okeeom, okeey, okeo, otaiin, ram, yteody | 0.09533 |
| 92 | f103r #10 | Gemini | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), ce4a (ceal), o[fptk]ai4n (okaiin), o[tk]e0-4y (okeey, oteey), ora (oraiin) | ceal, ceol, okaiin, okeey, orary, oteey | 0.09533 |
| 93 | f112r #1 | Gemini | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]e0-4y (keey), [yo]dy endings (ody), o[fptk][ao]d (otody, okody), o[fptk]ai4n (ceokain), o[tk]e0-4y (oty, qokeey, okeeey, okeey, oteey), oa (oar), okar variants (ykair), olai0-4n (olaiin), otai0-4n (otaiin, otain), otal variants (otal), otar variants (otar, otair) | ceol, ceotaiin, okairy, okeey, okyd, olain, otad, otaiin, otair, otal, otar, oteey, oteeykeeytey, otoar, qotceody, tey | 0.09523 |
| 94 | f106r #4 | Virgo | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), o[fptk]e4dy (otedy), o[lr]y (ceeoly), o[tk]e0-4y (okeey, ceeokey), o[tk]e4s (okeees), rai4n (raiin) | ceeol, ceokeedy, cseeoty, okees, okeey, okeory, raiin | 0.09495 |
| 95 | f112v #11 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), c \| c[fptk] + e4o (ceeo), cedai4[lrsm \| n] (ceedar), eky (ceeky), o[tk]e0-4y (okeey), oi (oiin), otai0-4n (otaiin), sai4n (sain) | cedaiir, ceeky, ceol, cseeeo, okeey, okoiin, otaiin, sain | 0.09482 |
| 96 | f111v #1 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeeor, cseeol, ceeol, ceol), [fptk]ai4[dlrsmg \| n] (tar), [yo][fptk]e4o (oteeo, okeeo), c \| c[fptk] + e4o (ceeo), ce4a (cseal, ceal, ceeal, cseear), ceckey relatives (ceckey, cseckeey), cedai4[lrsm \| n] (ceedain, ceedar), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (otceey), o[fptk]e4dy (otedy, oteedy, okedy), o[tk]e0-4y (okeeey, qokeey, okeey), oa (oaiin), okar variants (okar), okc + e4or (okceor), otai0-4n (otain), otal variants (otal), otar variants (otar), sai4n (saiin) | ceal, ceckey, cedaiir, ceeol, cekeeal, ceol, cseeeo, cseeeor, cseo, kal, oaiin, okaiin, okar, okceor, okeey, otain, otal, otar, otcey, oteedy, oteeo, oteokeey, sain | 0.09477 |
| 97 | f107r #8 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]ai4[dlrsmg \| n] (kaiin, kair, kal), [yo]dy endings (ceeody), ce4a (ceal, cear), okal variants (okal), otar variants (otair) | ceal, cear, ceeol, kaiin, kal, okal, otalody, otaraldy | 0.09454 |
| 98 | f113v #7 | Leo | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (ceeody), ek[yoa] (ceeeky), o[fptk]ai4n (okaiin), oe0-4s (ceeos), okar variants (okar), ola (olal), otal variants (otal), otar variants (otar) | ***ofaiin, *keody, aly, ceolairy, cseoleey, okary, okeoekol, otaly, ototear, soees | 0.09448 |
| 99 | f113v #12 | Gemini | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceeor), [yo]dy endings (ceeody), c-sequence + e4 + [fptk] + e4 + y (ceekey), o[tk]e0-4y (okeey, oteeey, oteey), o-axis of [yo][fptk][ao][lr] (otor), ora (oraiin), otai0-4n (otaiin, otain), otar variants (otar) | ceeol, ceotaiin, cseteeey, okeey, orary, otaiin, otar, oteeey, oteey, otolam, qotceody | 0.09435 |
| 100 | f113v #12 | Cancer | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceeor), [yo]dy endings (ceeody), o[fptk]e4dy (okeedy), o[tk]e0-4y (okeey, oteeey, oteey), o-axis of [yo][fptk][ao][lr] (otor), orai0-4n (oraiin), otai0-4n (otaiin, otain), otar variants (otar) | ceeol, ceeor, doteey, fydy, okeey, oraiin, otaiin, oteedy, oteey, ykoly, ytairal | 0.09418 |
| 101 | f113v #12 | Scorpio | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceeor), [yo]dy endings (ceeody), c-sequence + e4 + [fptk] + e4 + y (ceekey), o[fptk]ai4n (otaiin, otain), o[fptk]e4dy (okeedy), o[tk]e0-4y (okeey, oteeey, oteey), or[yoa] (oraiin), otar variants (otar), otor variants (otor) | ceeody, ceeteey, ceor, ceoteey, okeedy, okeey, opaiin, otar, oteey, otoreees, ykeeory | 0.09416 |
| 102 | f108v #8 | Sagittarius | [ao][lr][ao][lr] Pipe/Flow (aral), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor, cseeol, cseeor), [yo][fptk]e4od + y (okeody), ce4a (cseeal, cseear, ceal, ceeal), o[fptk]ai4n (otaiin), o[fptk]e4dy (otedy, oteedy, okeedy, qoteedy), o[tk]e0-4y (ykeey, okeey, oteey, qokeey, okey, ceoteey), oe0-4s (ys), otal variants (otal) | alaly, ceary, ceeytey, cseeol, okeedy, okeody, okeos, okey, otedy, qokeey, qoteedy, tceol, ypaiiin, ytaly, yteedy | 0.09381 |
| 103 | f112r #10 | Libra | [ao][lr][ao][lr] Pipe/Flow (aral), [yo]dy endings (cseeody), [yo]pa (opal), o[fptk]ai4n (okaiiin), o[fptk]c + e0-4y (okcey), o[fptk]e4dy (otedy), o[fptk]e4os (okeeos), o[fptk]o (oto), o[lr]y (ory), okal | oeeody, oeeoly, okal, okalair, okar, opaiin, opcseeytey, otedy, | 0.09347 |

| | | | | | |
|---|---|---|---|---|---|
| | | | variants (okal), okar variants (okar), sai4n (sain) | oteeos, oto, saiin, topar | |
| 104 | f107v #6 | Aries | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (kaiin, kal), [yo][fp][yoa] (opal), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin), okal variants (okal), ol[tk] (olkal), olai0-4n (olaiin), otal variants (otal), otar variants (otar) | ceeody, lkceol, okalody, olaiin, olkeeody, opotey, otaiin, otal, otear, tar | 0.09318 |
| 105 | f107v #5 | Leo | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fptk]e4od + y (qokeody), [yo]pa (opaiin), o[fptk]ai4n (otaiin, okaiin), o[fptk]e4dy (otedy), okal variants (okal), olai0-4n (olaiin) | ***ofaiin, aly, ceol, cseedykeal, cseokeedy, cseoleey, okeody, olaiin, opal | 0.09307 |
| 106 | f116r #5 | Scorpio | o[fptk]e4dy (oteedy, okeedy), o[tk]e0-4y (okeey, qokeey), otal variants (otal), otar variants (otar, otarar) | ceoteey, okeedy, okeey, otal, otar, oyteedy | 0.09303 |
| 107 | f114v #10 | Virgo | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk]e0-4y (teey), [yo][fptk]e4o (oteeo), [yo]dy endings (otceeody), c \| c[fptk] + e4o (ceeo), o[fptk]ai4n (okaiin), okol variants (okol), olai0-4n (olaiin), opce0-4y (qopceey), otai0-4n (otaiin), otal variants (otal) | ceeo, ceetolain, ceopcey, ceotal, okaiiiny, okeo, okol, otaiin, teey, yteody | 0.09261 |
| 108 | f114v #10 | Leo | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (ceeo, cseo), [fptk]e0-4y (teey), [yo][fptk]e4o (oteeo), o[fptk]ai4n (okaiin, otaiin), o[fptk]c + e4ody (otceeody), okol variants (okol), olai0-4n (olaiin), opce0-4y (qopceey), otal variants (otal) | ***ofaiin, ceopceey, cseo, okol, olaiin, otaly, otceeody, teey, ykeeo | 0.09251 |
| 109 | f114v #10 | Aries | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [yo][fptk]e4o (oteeo), [yo]dy endings (otceeody), c \| c[fptk] + e4o (ceeo), o[fptk]ai4n (okaiin), okol variants (okol), olai0-4n (olaiin), opce0-4y (qopceey), otai0-4n (otaiin), otal variants (otal) | araydy, cseeeokeeo, cseeo, okol, olaiin, opceey, otaiin, otal | 0.09248 |
| 110 | f108r #2 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), c \| c[fptk] + e4o (ceeo), ce4a (cear), cedai4[lrsm \| n] (cedar), o[fptk]e4dy (okedy, otedy), o[tk]e0-4y (oteey, okeey, qokeey), o-axis of [yo][fptk][ao][lr] (otol), okar variants (okar) | cear, cedaiir, ceeol, cseeeo, okar, okeey, okolar, oteedy, oteey, oteokeey | 0.09244 |
| 111 | f107v #6 | Pisces | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo][fp][yoa] (opal), [yo]dy endings (ceeody), cedai4[lrsm \| n] (cedar), o[fptk]ai4n (okaiin), okal variants (okal), ol[tk] (olkal), olai0-4n (olaiin), otal variants (otal), otar variants (otar) | alody, ceedaiin, ceeoltey, ceokain, ceol, okal, opys, otal, otar, ykolaiin | 0.09242 |
| 112 | f107v #1 | Aries | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [fptk]ai4[dlrsmg \| n] (kal), [yo]dy endings (alody), eky (ceeky), o[fptk]e4dy (otedy), o[fptk]e4os (oteos), oc[s \| fptk]e4y (cseoctey), otai0-4n (otaiin), otal variants (otal), otar variants (otar), sai4n (sain) | araydy, ceeky, cseol, okeeedy, otaiin, otal, otear, oteocseey, oteos, saiin, tar | 0.09236 |
| 113 | f108r #10 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [yo]dy endings (cseeody), ceckey relatives (ceckey), o[fptk]e4dy (okedy, otedy), okar variants (okar), otal variants (otal) | ceckey, cseol, okar, otal, otalody, oteedy | 0.09213 |
| 114 | f114v #12 | Pisces | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo][fptk]e4o (oteeo, oteo), [yo]dy endings (ceeody), c \| c[fptk] + e4o (ceo), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (otceey), o[tk]e0-4y (oteeey, oteey, okeey, ceoty), okal variants (okal), otai0-4n (otaiin, otain), otal variants (otal) | alody, ceo, ceokain, cseeeor, okal, otaiin, otal, otcey, oteeeo, oteeo, oteey, oteotey | 0.09211 |
| 115 | f108r #10 | Scorpio | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [yo]dy endings (cseeody), o[fptk]e4dy (okedy, otedy), okar variants (okar), otal variants (otal) | ceetceody, ceor, okary, okedy, otal, oyteedy | 0.09186 |
| 116 | f108v #8 | Virgo | [ao][lr][ao][lr] Pipe/Flow (aral), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor, cseeol, cseeor), [fptk]ai4[dlrsmg \| n] (kar, tar), [yo][fptk]e4od + y (okeody), ce4a (cseeal, cseear, ceal, ceeal), o[fptk\| dlrsmg][ao]m (otam), o[fptk]e4dy (otedy, oteedy, qoteedy, okeedy), o[tk]e0-4y (okeey, ceoteey, ykeey, oteey, qokeey, okey), oe0-4s (ys), otai0-4n (otaiin), otal variants (otal) | ceal, ceeol, ceeos, ceeosy, ceokeedy, ceotal, cseeoty, kair, okeedy, okeeom, okeey, okeody, olal, otaiin | 0.09169 |
| 117 | f104v #8 | Cancer | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseor, cseeol), [yo]dy endings (ceeody) | cseeol, cseo, cseor, fydy | 0.09168 |
| 118 | f114v #12 | Cancer | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (ceo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo][fptk]e4o (oteeo, oteo), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (otceey), o[tk]e0-4y (oteeey, okeey, oteey, ceoty), okal variants (okal), otai0-4n (otaiin, otain) | ceeol, ceoty, cseo, doteey, fydy, ofcseoldy, okalar, okeeo, okeey, opoiiin, otaiin, oteey, oteo | 0.09144 |
| 119 | f112r #8 | Taurus | a[dlrsmg]am (aram), o[fptk]e4dy (okeedy, otedy), o[tk]e0-4y (okeey), olai0-4n (olaiin), sai4n (sain) | cseeolaiin, okalam, okeedy, okeey, oteedy, sain | 0.09140 |
| 120 | f114v #11 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol, ceeor), [fptk]ai4[dlrsmg \| n] (kaiin, kair), ceckey relatives (ceckey), oa (oaiin), oce4y + infixed versions (octey), yodai0-4n (ceodaiin) | ceckey, ceeor, cseeeor, kaiin, kal, oaiin, okoceey, oteeodaiin | 0.09133 |
| 121 | f113v #13 | Cancer | [fptk]e0-4y (keey), ce4a (ceeal), o[tk]e0-4y (oteeey), oe0-4s (os), okar variants (okar), orai0-4n (oraiin), otai0-4n (otaiin, otain) | ceeal, doteey, okar, oraiin, os, otaiin, teey | 0.09098 |
| 122 | f107v #14 | Sagittarius | o[tk]e0-4y (qokeey), opce0-4y (opceey) | opceey, qokeey | 0.09086 |
| 123 | f112v #1 | Taurus | o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, okeeedy), o[tk]e0-4y (okeey, okey, oteey, oty, qokeey), oa (oaiin, oar), opal variants (opal), ora (oraiin), otal variants (otal), sai4n (saiin, sain) | oaiin, okaiin, okeey, opalar, otal, oteedy, oteey, oteokeey, oteorar, oty, sain | 0.09085 |
| 124 | f107r #4 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (cseal), eky (cseeky), o[tk]e0-4y (okeeey), oi (oiin), otai0-4n (otain), otar variants (otar, otaral), yodai0-4l (otodal) | ****eodal, ceeol, cekeeal, cseeky, okoiin, otain, otar, otaraldy, oteokeey | 0.09073 |
| 125 | f103r #8 | Taurus | cedai4[lrsm \| n] (ceedal), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, otey, oty, okeeey, okeey, oky) | ceedal, okeey, oteedy, oteey, oteokeey, otey, oty | 0.09064 |
| 126 | f103v #1 | Sagittarius | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor), ce4a (ceal), o[fptk]e4dy (okeedy, ykeedy, qoteedy), o[tk]e0-4y (qoty, okeey, qokeey) | ceary, ceeytey, okeedy, qokeey, qoteedy, qoty, tceol, yteedy | 0.09032 |
| 127 | f108v #8 | Gemini | [ao][lr][ao][lr] Pipe/Flow (aral), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor, cseeol, cseeor), [yo][fptk]e4od (okeody), [yo]ce4y + infixed versions (oceey), ce4a (cseeal, cseear, ceal, ceeal), o[tk]e0-4y (ceoteey, okeey, okey, oteey, qokeey, ykeey), oe0-4s (ys), otai0-4n (otaiin), otal variants (otal), otam variants (otam) | ceal, ceeol, ceol, ckeal, cseeyctey, okeey, okeolar, otaiin, otal, otam, oteey, oteeykeeytey, otoees, qokeodal | 0.09024 |
| 128 | f112v #12 | Gemini | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), ce4a (ceal), o[fptk]ai4n (okaiin), ol[yoa] (ceeolor), otam variants (otam) | ceal, ceeol, ceol, okaiin, okeolar, otam | 0.09019 |
| 129 | f105r #10 | Taurus | ko (kol), otai0-4n (otaiin), otam variants (otam), otar variants (otar), yodai0-4r (oteodar) | kol, otaiin, otam, otar, oteodar | 0.09006 |
| 130 | f103r #12 | Virgo | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), o[fptk]e4dy (okeedy, ykeedy), o[tk]e0-4y (otey, qokeey), olai0-4n (olain) | ceeos, ceetolain, ceokeedy, cseeoty, okeedy, otey | 0.08967 |
| 131 | f103r #12 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), o[fptk]e4dy (okeedy, ykeedy), o[tk]e0-4y (otey, qokeey), olai0-4n (olain) | cseeeor, cseeolaiin, okeedy, oteedy, oteokeey, otey | 0.08964 |
| 132 | f103r #12 | Scorpio | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), o[fptk]e4dy (okeedy, ykeedy), o[tk]e0-4y (otey, qokeey), olai0-4n (olain) | ceor, ceoteey, okeedy, olalaiin, otey, oyteedy | 0.08962 |
| 133 | f103r #12 | Cancer | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), o[fptk]e4dy (okeedy, ykeedy), o[tk]e0-4y (otey, qokeey), olai0-4n (olain) | ceeolaiin, cseeol, doteey, oteedy, otey | 0.08940 |
| 134 | f103v #9 | Taurus | [ao][lr][ao][lr] Pipe/Flow (arar), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), c-sequence + e4 + [fptk] + e4 + y (ceekey), o[fptk]e4dy (okeedy, otedy), o[tk]e0-4y (qokeey, ykeey, okeey), otar variants (otar) | cseetey, cseo, okeedy, okeey, otar, oteedy, oteokeey, parar | 0.08929 |
| 135 | f104r #7 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeor, ceol), [fptk]ai4[dlrsmg \| n] (kar), [yo]dy endings (cseeody), c \| c[fptk] + e4o (cseeo), ce4a (csear, ceal, cear), ceckey relatives (ceckey), o[fptk]c + e0-4or (otceor), okar variants (okair), otai0-4n (otain) | ceal, cear, ceckey, ceeor, ceol, csear, cseeo, kal, oqokar, otain, otalody, otceor | 0.08926 |
| 136 | f113r #16 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), [fptk]ai4[dlrsmg \| n] (kaiin, kar), c \| c[fptk] + e4o (ceeo, cseeo), cedai4[lrsm \| n] (ceedal), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (opceey), o[fptk]e4dy (oteedy), o[tk]e0-4y (qokeey, okeeey, okeey), oa (oaiin), okal variants (okalal), ol[tk] (olkal), otai0-4n (otain), sai4n (sain) | ceedal, ceeolky, cseeeo, cseeeor, cseeo, kaiin, kal, oaiin, okaiin, okalal, okeey, otain, otcey, oteedy, oteokeey, sain | 0.08921 |
| 137 | f103r #9 | Sagittarius | ce4a (ceal), o[fptk]ai4n (okaiin, otain), o[tk]e0-4y (qokeey, okeey) | ceary, ceeytey, qokeey, ypaiiin | 0.08918 |
| 138 | f113v #9 | Gemini | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, cseeol), [fptk]e0-4y (keey), ce4a (otceam, cear), o[fptk]ai4n (okaiiin, okaiin), o[tk]e0-4y (oteey, qokeey, oky), okal variants (okal), okar variants (okar), otai0-4n (otaiin, otain) | ceeol, ceotaiin, ckeal, okaiin, okal, okar, otaiin, oteey, oteeykeeytey, tey | 0.08894 |
| 139 | f104r #10 | Pisces | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedaiin), otai0-4n (otaiin) | alody, ceedaiin, ceol, cseeeor, otaiin | 0.08872 |
| 140 | f104r #10 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedaiin), otai0-4n (otaiin) | cedaiir, ceeol, ceol, otaiin, otalody | 0.08825 |
| 141 | f108r #13 | Leo | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]ce4y + infixed versions (yceey), [yo]dy endings (ceeody), o[fptk\| dlrsmg][ao]m (otam), o[fptk]ai4n (otain), o[fptk]e4dy (otedy, oteedy, ceokeedy, okedy, okeedy), o[tk]e0-4y (okeey, okey, qokeey, yty), okar variants (okar), ola (olal), om (okeeom), otar variants (otarar) | ***ofaiin, *keody, ceol, cseo, cseokeedy, ocfeey, ogeom, okam, okary, okedy, okeey, okey, okyeecsey, ototeear, solar, yty | 0.08818 |
| 142 | f107r #5 | Pisces | oe0-4s (cseos, os), opc + e4ol (opceeol), otai0-4n (otaiin), otal variants (otalar) | opceeol, opys, otaiin, otalar | 0.08798 |
| 143 | f112v #2 | Taurus | o[fptk]ai4n (okaiin), o[fptk]e4dy (qoteedy), o-axis of [yo][fptk][ao][lr] (okor), okal variants (okal), okar variants (okar), otai0-4n (otaiin), otal variants (otal) | okaiin, okal, okar, okolar, otaiin, otal, oteedy | 0.08779 |
| 144 | f106v #15 | Taurus | [fptk]e0-4y (keey), [yo][fptk]e4o (okeeo), ce4a (ceal), cedai4[lrsm \| n] (ceedar), o[fptk]e4dy (otedy, oteedy, qoteedy), o[tk]e0-4y (okeeey, oty, oteey, okeey, oky), o-axis of [yo][fptk][ao][lr] (otol), okal variants (okal), otai0-4n (otaiin) | ceal, cedaiir, keey, okal, okeey, okolar, otaiin, oteedy, oteeo, oteey, oteokeey, oty | 0.08773 |
| 145 | f103r #18 | Libra | c-sequence + e4 + [fptk] + c-sequence + e4 + y (ceepcey), o[tk]e0-4y (oteey, qokeey, qoty), opce0-4y (qopceey), otal variants (otal) | ceepcey, opcseeytey, otalal, oteey | 0.08755 |
| 146 | f108r #2 | Cancer | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (ceeo), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (cear), cedai4[lrsm \| n] (cedar), o[fptk]e4dy (okedy, otedy), o[tk]e0-4y (oteey, qokeey, okeey), o-axis of [yo][fptk][ao][lr] (otol), okar variants (okar) | ceedaiin, ceeol, ceoctear, cseo, doteey, okar, okeey, oteedy, oteey, ykoly | 0.08749 |
| 147 | f103r #18 | Aries | c-sequence + e4 + [fptk] + c-sequence + e4 + y (ceepcey), o[tk]e0-4y (oteey, qokeey, qoty), opce0-4y (qopceey), otal variants (otal) | ceetcsey, lcseeotey, opceey, otal, oteey | 0.08744 |
| 148 | f108r #4 | Gemini | [yo][fptk]e4o (ykeeo), [yo][fptk]e4od (oteeody), o[fptk]ai4n (okaiin), o[tk]e0-4y (okeey, ykeey), okal variants (okal), otal variants (otal) | okaiin, okal, okeey, okeo, otal, oteeykeeytey, qokeodal | 0.08734 |
| 149 | f108r #4 | Taurus | [yo][fptk]e4o (ykeeo), [yo][fptk]e4od (oteeody), o[fptk]ai4n (okaiin), o[tk]e0-4y (ykeey, okeey), okal variants (okal), otal variants (otal) | okaiin, okal, okeey, otal, oteeo, oteeodaiin, oteokeey | 0.08734 |
| 150 | f103v #11 | Aries | [yo]dy endings (ceeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, otedy), o[tk]e0-4y (otey, oty, qokeey, ykeey, okeey, okey), opce0-4y (opceey), otal variants (otaly), sai4n (saiin) | ceeody, lcseeotey, okeeedy, okey, opceey, otaiin, otaly, otey, saiin | 0.08732 |

Table 31.17: Top 20 Section 5 Paragraphs for Each Zodiac

| Folio | Section 5 Words | Figure Words | Score |
|---|---|---|---|
| | **Pisces** | | |
| f112r #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]ai4n (ceokain), o[fptk]e4dy (oteedy), o[fptk]ody (otody), o[tk]e0-4y (oty, qokeey, oteey, okeeey, okeey), oa (oar), okar variants (ykair), okod variants (okody), olai0-4n (olaiin), otai0-4n (otaiin, otain), otal variants (otal), otar variants (otar, otair) | ceedaiin, ceokain, ceol, ody, okody, otaiin, otal, otar, otaral, oteedy, oteey, oteoal, oteotey, otody, oty, ykair, ykolaiin | 0.12701 |
| f112r #2 | o[fptk]e4dy (okeedy, oteedy), o[tk]e0-4y (oteey, otey, qokeey, okeey, ceoty), otai0-4n (otaiin) | otaiin, oteedy, oteey, oteotey, otey | 0.11382 |
| f113v #7 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin), oe0-4s (ceeos), okar variants (okar), ola (olal), otal variants (otal), otar variants (otar) | alody, ceokain, cseeeor, daly, okar, otal, otar, oteosal, ykolaiin | 0.11023 |
| f107v #5 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fp][yoa] (opaiin), [yo][fptk]e4od + y (qokeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (otedy), okal variants (okal), olai0-4n (olaiin), opc + e4ol (opceol), otai0-4n (otaiin) | ceokain, ceol, cseeeor, daly, okal, opceeol, opys, otaiin, oteedy, oteeody, ykolaiin | 0.10798 |
| f104r #11 | [yo][fptk]e4od + y (oteody), o[fptk]ai4n (okaiin), o[lr]a (oraiin), okal variants (okal), okar variants (okar) | ceokain, okal, okar, oteody, ykolaiin | 0.10123 |
| f112r #9 | [yo][fptk]e4od + y (okeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (okeey), okal variants (okal), otar variants (otear) | ceokain, okal, otaral, oteedy, oteeody, oteotey | 0.09865 |
| f107v #6 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo][fp][yoa] (opal), [yo]dy endings (ceeody), cedai4[lrsm \| n] (cedar), o[fptk]ai4n (okaiin), okal variants (okal), ol[tk] (olkal), olai0-4n (olaiin), otal variants (otal), otar variants (otar) | alody, ceedaiin, ceeoltey, ceokain, ceol, okal, opys, otal, otar, ykolaiin | 0.09242 |
| f114v #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo][fptk]e4o (oteeo, oteo), [yo]dy endings (ceeody), c \| c[fptk] + e4o (ceo), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (otceey), o[tk]e0-4y (oteeey, okeey, oteey, ceoty), okal variants (okal), otai0-4n (otaiin, otain), otal variants (otal) | alody, ceo, ceokain, cseeeor, okal, otaiin, otal, otcey, oteeeo, oteeo, oteey, oteotey | 0.09211 |
| f104r #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedaiin), otai0-4n (otaiin) | alody, ceedaiin, ceol, cseeeor, otaiin | 0.08872 |
| f107r #5 | oe0-4s (cseos, os), opc + e4ol (opceeol), otai0-4n (otaiin), otal variants (otalar) | opceeol, otaiin, otalar, oteosal | 0.08798 |
| f113v #2 | [yo][fptk]e4od + y (oteody), o[fptk]e4dy (otedy, oteedy), o[fptk]edar (otedar), o[tk]e0-4y (qokeey), o[tk]e4s (otees), otai0-4n (otaiin) | otaiin, oteedar, oteedy, otees, oteody, oteotey | 0.08728 |
| f114v #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [yo][fptk]e4o (oteeo), [yo]dy endings (otceeody), c \| c[fptk] + e4o (ceeo), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (qopceey), okol variants (okol), olai0-4n (olaiin), otai0-4n (otaiin), otal variants (otal) | alody, ceo, ceokain, ckeo, otaiin, otal, otcey, oteeo, ykolaiin | 0.08728 |
| f116r #2 | [ao][lr][ao][lr] Pipe/Flow (aral), [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oteey, otey, oty), o-axis of [yo][fptk][ao][lr] (otor), otal variants (otal) | cealaly, daly, otal, oteedy, oteey, otey, otolal, oty | 0.08553 |
| f108v #8 | [ao][lr][ao][lr] Pipe/Flow (aral), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor, cseeol, cseeor), [yo][fptk]e4od + y (okeody), ce4a (ceal, ceeal, cseeal, cseear), cedai4[lrsm \| n] (ceedaiin, ceedar), o[fptk]e4dy (okeedy, otedy, oteedy, qoteedy), o[tk]e0-4y (ykeey, oteey, qokeey, okeey, okey, ceoteey), oe0-4s (ys), otai0-4n (otaiin), otal variants (otal) | cealaly, ceedaiin, ceol, ceotear, ceoteey, cseeeor, okey, opys, otaiin, otal, oteedy, oteeody, oteey, oteotey, ykeey | 0.08537 |
| f113v #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceeor), [yo]dy endings (ceeody), c-sequence + e4 + [fptk] + e4 + y (ceekey), o[fptk]e4dy (okeedy), o[lr]a (oraiin), o[tk]e0-4y (okeey, oteeey, oteey), o-axis of [yo][fptk][ao][lr] (otor), otai0-4n (otaiin, otain), otar variants (otar) | alody, cseeeor, cseeeteey, otaiin, otar, oteedy, oteey, oteotey, otolal | 0.08520 |
| f103r #8 | cedai4[lrsm \| n] (ceedal), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, otey, oty, okeeey, okeey, oky) | ceedaiin, oky, oteedy, oteey, oteotey, otey, oty | 0.08480 |
| f108r #13 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]e4dy (ceokeedy, okedy, okeedy, otedy, oteedy), o[tk]e0-4y (qokeey, yty, okeey, okey), okar variants (okar), ola (olal), otai0-4n (otain), otar variants (otarar) | alody, ceedaiin, ceol, ckeo, okar, okey, otaiin, otaral, oteedy, oteotey, otolal | 0.08201 |
| f103v #8 | [yo][fp][yoa] (opar), a[dlrsmg]am (aram), ce4a (cseal), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, oty, qokeey, qoty, ykeey), otai0-4n (otain), otal variants (otal), otar variants (otear) | cseal, opys, otaiin, otal, otalam, otaral, oteedy, oteey, oteotey, oty, ykeey | 0.08198 |
| f112r #10 | [ao][lr][ao][lr] Pipe/Flow (aral), [yo][fp][yoa] (opal), [yo]dy endings (cseeody), a[lr]an (alain), o[fptk]ai4n (okaiiin), o[fptk]c + e0-4y (okcey), o[fptk]e4dy (otedy), o[fptk]e4os (okeeos), o[lr]y (ory), okal variants (okal), okar variants (okar) | alain, alody, cealaly, ceokain, okal, okar, okeoly, opys, otcey, oteedy, oteosal | 0.08187 |
| f112v #2 | o[fptk]ai4n (okaiin), o[fptk]e4dy (qoteedy), o-axis of [yo][fptk][ao][lr] (okor), okal variants (okal), okar variants (okar), otai0-4n (otaiin), otal variants (otal) | ceokain, okal, okar, otaiin, otal, oteedy, otolal | 0.08171 |
| | **Pisces** | | |
| f112r #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]ai4n (ceokain), o[fptk]e4dy (oteedy), o[fptk]ody (otody), o[tk]e0-4y (oty, qokeey, oteey, okeeey, okeey), oa (oar), okar variants (ykair), okod variants (okody), olai0-4n (olaiin), otai0-4n (otaiin, otain), otal variants (otal), otar variants (otar, otair) | ceedaiin, ceokain, ceol, ody, okody, otaiin, otal, otar, otaral, oteedy, oteey, oteoal, oteotey, otody, oty, ykair, ykolaiin | 0.12701 |
| f112r #2 | o[fptk]e4dy (okeedy, oteedy), o[tk]e0-4y (oteey, otey, qokeey, okeey, ceoty), otai0-4n (otaiin) | otaiin, oteedy, oteey, oteotey, otey | 0.11382 |
| f113v #7 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin), oe0-4s (ceeos), okar variants (okar), ola (olal), otal variants (otal), otar variants (otar) | alody, ceokain, cseeeor, daly, okar, otal, otar, oteosal, ykolaiin | 0.11023 |
| f107v #5 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fp][yoa] (opaiin), [yo][fptk]e4od + y (qokeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (otedy), okal variants (okal), olai0-4n (olaiin), opc + e4ol (opceol), otai0-4n (otaiin) | ceokain, ceol, cseeeor, daly, okal, opceeol, opys, otaiin, oteedy, oteeody, ykolaiin | 0.10798 |
| f104r #11 | [yo][fptk]e4od + y (oteody), o[fptk]ai4n (okaiin), o[lr]a (oraiin), okal variants (okal), okar variants (okar) | ceokain, okal, okar, oteody, ykolaiin | 0.10123 |
| f112r #9 | [yo][fptk]e4od + y (okeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (okeey), okal variants (okal), otar variants (otear) | ceokain, okal, otaral, oteedy, oteeody, oteotey | 0.09865 |
| f107v #6 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo][fp][yoa] (opal), [yo]dy endings (ceeody), cedai4[lrsm \| n] (cedar), o[fptk]ai4n (okaiin), okal variants (okal), ol[tk] (olkal), olai0-4n (olaiin), otal variants (otal), otar variants (otar) | alody, ceedaiin, ceeoltey, ceokain, ceol, okal, opys, otal, otar, ykolaiin | 0.09242 |
| | **Aries** | | |
| f112r #2 | cectey relatives (cectey), o[fptk]e4dy (okeedy, oteedy), o[tk]e0-4y (oteey, otey, qokeey, okeey, ceoty), otai0-4n (otaiin) | cectey, lcseeotey, okeeedy, otaiin, oteedy, oteey, otey | 0.12565 |
| f113v #7 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]ai4[dlrsmg \| n] (kaiin, kar), [yo]dy endings (ceeody), eky (ceeeky), o[fptk]ai4n (okaiin), oe0-4s (ceeos), ola (olal), otal variants (otal), otar variants (otar), rai4n (raiin) | *oeky, aly, ceeody, lkceol, otaiin, otal, otear, oteosaiin, otolaiin, raiin, tar | 0.12079 |
| f103r #15 | [fptk]ai4[dlrsmg \| n] (tar), ce4a (ceeal, cseeal), o[fptk]c + e0-4dy (otcseedy), o[tk]e0-4y (qokeey, cseokey) | ceekeal, cseeal, cseokey, lcseeotey, otcsecsedy, tar | 0.11858 |
| f107v #5 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fp][yoa] (opaiin), [yo][fptk]e4od + y (qokeody), ceckey relatives (ceckey), o[fptk]ai4n (okaiin), o[fptk]e4dy (otedy), okal variants (okal), olai0-4n (olaiin), otai0-4n (otaiin), rai4n (raiin), sai4n (saiin) | aly, cseckeey, lkceol, okalody, okeeedy, okeokeokeody, olaiin, opotey, otaiin, raiin, saiin | 0.11847 |
| f112r #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ody), o[fptk]ai4n (ceokain), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, okeeey, okeey, oty, qokeey), oa (oar), okod variants (okody), olai0-4n (olaiin), otai0-4n (otaiin, otain), otal variants (otal), otar variants (otar, otair), otod variants (otody), sai4n (saiin) | araydy, lcseeotey, lkceol, oar, okody, olaiin, otaiin, otal, otear, oteedy, oteeodals, oteey, saiin | 0.10883 |
| f113v #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceeor), [yo]dy endings (ceeody), cectey relatives (cectey), c-sequence + e4 + [fptk] + e4 + y (ceekey), o[fptk]e4dy (okeedy), o[lr]a (oraiin), o[tk]e0-4y (oteeey, oteey, okeey), otai0-4n (otaiin, otain), otar variants (otar), otor variants (otor) | cectey, ceekey, ceeody, lcseeotey, lkceol, okeeedy, otaiin, otear, oteey, oteeykey, otolaiin, otor | 0.10468 |
| f116r #2 | [ao][lr][ao][lr] Pipe/Flow (aral), [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), ceckey relatives (ceckey), o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oteey, otey, oty), okam variants (okam), otal variants (otal), otor variants (otor), sai4n (sain) | cseckeey, dalalody, lcseeotey, okeeedy, otal, oteedy, oteey, otey, otokaim, otor, saiin, sary | 0.10246 |
| f112r #9 | [yo][fptk]e4od + y (okeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (okeey), okal variants (okal), otar variants (otear) | lcseeotey, okalody, okeeedy, okeokeokeody, otaiin, otear, oteedy | 0.09880 |
| f114v #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]ai4[dlrsmg \| n] (tar), [yo][fptk]e4o (oteeo, oteo), [yo]dy endings (ceeody), c \| c[fptk] + e4o (ceo), o[fptk \| dlrsmg][ao]m (otam), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (otceey), o[tk]e0-4y (oteeey, okeey, oteey, ceoty), okal variants (okal), otai0-4n (otaiin, otain), otal variants (otal) | ceeody, cseeeokeeo, cseeo, lcseeotey, lkceol, okalody, opceey, otaiin, otal, oteey, oteo, otokaim, tar | 0.09849 |
| f107v #7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), ce4a (cear), olai0-4n (olaiin), otal variants (otal) | cear, lkceol, olaiin, otal | 0.09774 |
| f108v #8 | [ao][lr][ao][lr] Pipe/Flow (aral), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor, cseeol, cseeor), [fptk]ai4[dlrsmg \| n] (kar, tar), [yo][fptk]e4od + y (okeody), ce4a (cseeal, cseear, ceal, ceeal), o[fptk \| dlrsmg][ao]m (otam), o[fptk]e4dy (otedy, oteedy, okeedy, qoteedy), o[tk]e0-4y (ykeey, okeey, oteey, qokeey, okey, ceoteey), oce4y (oceey), oe0-4s (ys), otai0-4n (otaiin), otal variants (otal), sai4n (saiin, sain) | cseeal, dalalody, lcseeotey, lkceol, okeeedy, okeokeokeody, okey, otaiin, otal, otecear, oteedy, oteey, oteocey, oteosaiin, otokaim, saiin, tar | 0.09614 |
| f107v #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo][fptk]e4od + y (okeeody), ai0-4[dlrsmg][dlrsmg] (aldy), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (otceey), o[fptk]e4dy (okedy), oa (oaiin), otai0-4n (otaiin), rai4n (raiin) | lkceol, okeeedy, okeeody, opceey, otaiin, otteeodals, otokeoar, raiin | 0.09557 |
| f107v #6 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (kaiin, kal), [yo][fp][yoa] (opal), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin), okal variants (okal), ol[tk] (olkal), olai0-4n (olaiin), otal variants (otal), otar variants (otar) | ceeody, lkceol, okalody, olaiin, olkeeody, opotey, otaiin, otal, otear, tar | 0.09318 |
| f114v #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [yo][fptk]e4o (oteeo), [yo]dy endings (otceeody), c \| c[fptk] + e4o (ceeo), o[fptk]ai4n (okaiin), okol variants (okol), olai0-4n (olaiin), opce0-4y (qopceey), otai0-4n (otaiin), otal variants (otal) | araydy, cseeeokeeo, cseeo, okol, olaiin, opceey, otaiin, otal | 0.09248 |
| f107v #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [fptk]ai4[dlrsmg \| n] (kal), [yo]dy endings (alody), eky (ceeky), o[fptk]e4dy (otedy), o[fptk]e4os (oteos), oc[s \| fptk]e4y (cseoctey), otai0-4n (otaiin), otal variants (otal), otar variants (otar), sai4n (sain) | araydy, ceeky, cseol, okeeedy, otaiin, otal, otear, oteocseey, oteos, saiin, tar | 0.09236 |
| f103r #18 | c-sequence + e4 + [fptk] + c-sequence + e4 + y (ceepcey), o[tk]e0-4y (oteey, qokeey, qoty), opce0-4y (qopceey), otal variants (otal) | ceetcsey, lcseeotey, opceey, otal, oteey | 0.08744 |
| f103v #11 | [yo]dy endings (ceeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, otedy), o[tk]e0-4y (otey, oty, qokeey, okeey, okey, ykeey), opce0-4y (opceey), otal variants (otaly), sai4n (saiin) | ceeody, lkceol, okalody, olaiin, olkeeody, opotey, otaiin, otal, otear, tar | 0.09732 |
| f106v #6 | oe sans oy + oe4y, oe0-4s (oeedy), olai0-4n (olaiin), otai0-4n (otaiin), otal variants (otal), sai4n (sain) | oekeeey, olaiin, otaiin, otal, saiin | 0.08671 |

| | | | |
|---|---|---|---|
| f103v #8 | [fptk]ai4[dlrsmg \| n] (tar), [yo][fp][yoa](opar), ce4a (cseal), o[fptk\| dlrsmg][ao]m (otam), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, oty, qokeey, qoty, ykeey), otai0-4n (otain), otal variants (otal), otar variants (otear), sai4n (sain) | lcseeotey, opotey, otaiin, otal, otear, otecear, oteedy, oteey, otokaim, saiin, tar | 0.08556 |
| f107v #4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (kaiin), [yo]dy endings (ceeody), ceetey relatives (ceetey), o[fptk \| dlrsmg][ao]m (otam), o[fptk]ai4n (okaiin), o[fptk]e4dy (qoteedy), o[tk]e0-4y (ceoty, qokeey, okeey), okal variants (okal), ol[tk] (olkal), otai0-4n (otain), otal variants (otal), otol variants (otol) | ceetey, ceeody, lcseeotey, llceol, okalody, okeeedy, olkeeody, otaiin, otal, oteeykey, otokaim, otol, tar | 0.08506 |
| | **Taurus** | | |
| f113v #7 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]ai4[dlrsmg \| n] (kaiin, kar), [yo]dy endings (ceeody), eky (ceeeky), o[fptk]ai4n (okaiin), oe0-4s (ceeos), okar variants (okar), ola (olal), otal variants (otal), otar variants (otar) | aly, ceeol, cetos, cseeky, cseeolaiin, kaiin, kal, okaiin, okar, otal, otalody, otar | 0.16738 |
| f107v #5 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fp]ai0-4[rn] (opaiin), [yo][fptk]e4od (qokeody), ceckey relatives (ceckey), o[fptk]ai4n (okaiin), o[fptk]e4dy (otedy), okal variants (okal), olai0-4n (olaiin), otai0-4n (otaiin), sai4n (saiin) | aly, ceckey, ceeol, ceol, cseeeor, cseeolaiin, ofaralar, okaiin, okal, otaiin, oteedy, oteeodaiin, sain | 0.14680 |
| f112r #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]e0-4y (keey), [yo]dy endings (okody, ody, otody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]ai4n (ceokain), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, oty, qokeey, okeeey, okeey), oa (oar), okar variants (ykair), olai0-4n (olaiin), otai0-4n (otaiin, otain), otal variants (otal), otar variants (otar, otair), sai4n (saiin) | cedaiir, ceedal, ceol, cseeolaiin, keey, oaiin, okeey, oqokar, otaiin, otain, otainy, otal, otalody, otar, otaraldy, oteedy, oteey, oteokeey, oty, sain | 0.13485 |
| f107v #6 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (kaiin, kal), [yo]dy endings (ceeody), cedai4[lrsm \| n] (cedar), o[fptk]ai4n (okaiin), okal variants (okal), ol[tk] (olkal), olai0-4n (olaiin), opal variants (opal), otal variants (otal), otar variants (otar) | cedaiir, ceeolky, ceol, cseeolaiin, kaiin, kal, okaiin, okal, opalar, otal, otalody, otar | 0.13340 |
| f103r #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (kaiin), ce4a (ceal), c-sequence + e4 + [fptk] + c-sequence + e4 + y (cepcey), o[fptk]ai4n (okaiin), o[fptk]e4dy (otedy), o[tk]e0-4y (oteey, okeey), ora (oraiin) | ceal, ceol, cepcey, kaiin, okaiin, okeey, oteedy, oteey, oteorar | 0.12821 |
| f112v #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), ce4a (ceal), ceckey relatives (ceckey), o[fptk]ai4n (okaiin), o[fptk]e4dy (oteedy), olo (ceeolor), otam variants (otam) | ceal, ceckey, ceeol, ceeolor, ceol, okaiin, otam, oteedy | 0.12571 |
| f112r #2 | o[fptk]e4dy (oteedy, okeedy), o[tk]e0-4y (okeey, oteey, otey, qokeey, ceoty), otai0-4n (otaiin) | okeedy, okeey, otaiin, oteedy, oteey, oteokeey, otey | 0.12511 |
| f112r #9 | [yo][fptk]e4od (okeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (okeey), okal variants (okal), otar variants (otear) | okaiin, okal, okeedy, okeey, otaraldy, oteedy, oteeodaiin | 0.12500 |
| f116r #2 | [ao][lr][ao][lr] Pipe/Flow (aral), [fptk\| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), ceckey relatives (ceckey), o[fptk \| dlrsmg][ao]m (okam), o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oteey, otey, oty), otal variants (otal), otor variants (otor), sai4n (sain) | ary, ceckey, orom, otal, oteedy, oteey, oteorar, otey, otor, oty, sain | 0.12415 |
| f104r #11 | [fptk]ai4[dlrsmg \| n] (kaiin), [yo][fptk]e4od (oteody), o[fptk]ai4n (okaiin), okal variants (okal), okar variants (okar), ora (oraiin) | kaiin, okaiin, okal, okar, oteeodaiin, oteorar | 0.12414 |
| f107v #7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), ce4a (cear), olai0-4n (olaiin), otal variants (otal), otas variants (otas) | cear, ceol, cseeolaiin, otal, otas | 0.11916 |
| f114v #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]ai4[dlrsmg \| n] (tar), [yo][fptk]e4o (oteo, oteeo), [yo]dy endings (ceeody), c \| c[fptk] + e4o (ceo), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (otceey), o[tk]e0-4y (oteeey, oteey, okeey, ceoty), okal variants (okal), otai0-4n (otaiin, otain), otal variants (otal), otam variants (otam) | ceeol, cseeeo, kal, ocseodody, okaiin, okal, okeey, otaiin, otain, otal, otam, otcey, oteeo, oteey, oteo, oteokeey | 0.11742 |
| f108v #8 | [ao][lr][ao][lr] Pipe/Flow (aral), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor, cseeol, cseeor), [fptk]ai4[dlrsmg \| n] (kar, tar), [yo][fptk]e4od (okeody), ce4a (cseeal, cseear, ceal, ceeal), cedai4[lrsm \| n] (ceedaiin, ceedar), o[fptk]e4dy (okeedy, otedy, oteedy, qoteedy), o[tk]e0-4y (oteey, qokeey, okey, ykeey, okeey, ceoteey), oce4y (oceey), oe0-4s (ys), otai0-4n (otaiin), otal variants (otal), otam variants (otam), sai4n (saiin, sain) | ceal, cealaiin, cedaiir, ceeol, cekeeal, ceol, cseeeor, kal, oceey, ofaralar, okeedy, okeey, otaiin, otal, otam, oteedy, oteeodaiin, oteey, oteokeey, sain, ys | 0.11642 |
| f103v #5 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), ce4a (cear), o[fptk]e4dy (oteedy), otai0-4n (otain), otal variants (otaly), otam variants (otam), otar variants (otar) | cear, cseeeor, cseo, otain, otaly, otam, otar, oteedy | 0.11508 |
| f113v #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceeor), [yo]dy endings (ceeody), c-sequence + e4 + [fptk] + e4 + y (ceekey), o[fptk]e4dy (okeedy), o[tk]e0-4y (okeey, oteeey, oteey), ora (oraiin), otai0-4n (otaiin, otain), otar variants (otar), otor variants (otor) | ceeol, ceeor, cseetey, okeedy, okeey, otaiin, otain, otalody, otar, oteey, oteokeey, oteorar, otor | 0.11349 |
| f114v #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk]e0-4y (teey), [yo][fptk]e4o (oteeo), c \| c[fptk] + e4o (ceeo), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (qopceey), o[fptk]c + e4ody (otceeody), okol variants (okol), olai0-4n (olaiin), otai0-4n (otaiin), otal variants (otal) | cseeeo, cseeolaiin, cseo, okaiin, okol, otaiin, otal, otceody, otcey, oteeo, teey | 0.11301 |
| f107r #12 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), c \| c[fptk] + e4o (ceo), ce4a (ceal), o[fptk]ai4n (okaiin), o[fptk]e4dy (qoteedy), oi (oiin), okal variants (okal), ol[tk] (olkar), otal variants (otal), otam variants (otam), otar variants (otair) | aly, ceal, ceeol, ceeolky, cseeeo, okaiin, okal, okoiin, otal, otam, otaraldy, oteedy | 0.10983 |
| f103v #8 | [fptk]ai4[dlrsmg \| n] (tar), [fptk]e0-4y (keey), a[dlrsmg]am (aram), ce4a (cseal), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, oty, qokeey, qoty, ykeey), opar variants (opar), otai0-4n (otain), otal variants (otal), otam variants (otam), otar variants (otear), sai4n (sain) | cekeeal, kal, keey, okalam, opar, otain, otal, otam, otaraldy, oteedy, oteey, oteokeey, oty, sain | 0.10819 |
| f108r #13 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]ce4y (yceey), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]e4dy (ceokeedy, okedy, okeedy, otedy, oteedy), o[tk]e0-4y (qokeey, okeey, okey, yty), okar variants (okar), ola (olal), om (okeeom), otai0-4n (otain), otam variants (otam), otar variants (otarar) | cedaiir, ceedal, ceol, cseeolaiin, cseo, ofacfom, okar, okeedy, okeey, okoceey, otain, otalody, otam, otaraldy, oteedy, oteokeey | 0.10781 |
| f107v #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [fptk]ai4[dlrsmg \| n] (kal), [yo]dy endings (alody), eky (ceeky), o[fptk]e4dy (otedy), o[fptk]e4os (oteos), oce4y + infixed versions (cseoctey), otai0-4n (otaiin), otal variants (otal), otar variants (otar), sai4n (sain) | ceeky, cseeeolody, cseol, kal, okoceey, otaiin, otal, otar, oteedy, oteos, sain | 0.10502 |
| | **Gemini** | | |
| f113v #7 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (ceeody), ek[yoa] (ceeeky), o[fptk]ai4n (okaiin), oe0-4s (ceeos), okar variants (okar), ola (olal), otal variants (otal), otar variants (otar) | aly, ceekaiin, ceeol, okaiin, okar, okeolar, otal, otar, otoees, qotceody | 0.15141 |
| f107v #5 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fptk]e4od (qokeody), o[fptk]ai4n (opaiin, okaiin), okal variants (okal), olai0-4n (olaiin), otai0-4n (otaiin) | aly, ceeol, ceol, ceotaiin, okaiin, okal, olain, otaiin, qokeodal | 0.12676 |
| f114v #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo][fptk]e4o (oteeo, oteo), [yo]dy endings (ceeody), c \|c[fptk] + e4o (ceo), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (otceey), o[tk]e0-4y (oteeey, oteey, ceoty, okeey), okal variants (okal), otai0-4n (otaiin, otain), otal variants (otal), otam variants (otam) | ceeo, ceeol, ceotaiin, okaiin, okal, okeey, okeo, otaiin, otal, otam, otceey, oteeey, oteey, oteeykeeytey, qotceody | 0.11072 |
| f104r #11 | [yo][fptk]e4od (oteody), o[fptk]ai4n (okaiin), okal variants (okal), okar variants (okar), ora (oraiin) | okaiin, okal, okar, orary, qokeodal | 0.10846 |
| f107r #12 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), c \| c[fptk] + e4o (ceo), ce4a (ceal), o[fptk]ai4n (okaiin), oe sans oy + oe4y, oe0-4s (oeedy), okal variants (okal), otal variants (otal), otam variants (otam), otar variants (otair) | aly, ceal, ceeo, ceeol, okaiin, okal, otair, otal, otam, qoeeeol | 0.10514 |
| f114v #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk]e0-4y (teey), [yo][fptk]e4o (oteeo), c \| c[fptk] + e4o (ceeo), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (qopceey), o[fptk]c + e4ody (otceeody), o-axis of [yo][fptk][ao][lr] (okol), olai0-4n (olaiin), otai0-4n (otaiin), otal variants (otal) | ceeo, cseo, okaiin, okeo, olain, otaiin, otal, otceey, otolam, qotceody, tey | 0.10258 |
| f112r #2 | o[tk]e0-4y (oteey, otey, qokeey, ceoty, okeey), otai0-4n (otaiin) | okeey, otaiin, oteey, oteeykeeytey, otey | 0.10225 |
| f103r #9 | [yo]ce4y + infixed versions (qoceey), ce4a (ceal), o[fptk]ai4n (okaiin), o[tk]e0-4y (okeey, qokeey), otai0-4n (otain) | ceal, ceotaiin, cseeyctey, okaiin, okeey, oteeykeeytey | 0.09702 |
| f103r #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), ce4a (ceal), o[fptk]ai4n (okaiin), o[tk]e0-4y (okeey, oteey), ora (oraiin) | ceal, ceol, okaiin, okeey, orary, oteey | 0.09533 |
| f112r #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]e0-4y (keey), [yo]dy endings (ody), o[fptk][ao]d (otody, okody), o[fptk]ai4n (ceokain), o[tk]e0-4y (oty, qokeey, okeeey, okeey, oteey), oa (oar), okar variants (ykair), olai0-4n (olaiin), otai0-4n (otaiin, otain), otal variants (otal), otar variants (otar, otair) | ceol, ceotaiin, okairy, okeey, okyd, olain, otad, otaiin, otair, otal, otar, oteey, oteeykeeytey, otoar, qotceody, tey | 0.09523 |
| f113v #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceeor), [yo]dy endings (ceeody), c-sequence + e4 + [fptk] + e4 + y (ceekey), o[tk]e0-4y (okeey, oteeey, oteey), o-axis of [yo][fptk][ao][lr] (otor), ora (oraiin), otai0-4n (otaiin, otain), otar variants (otar) | ceeol, ceotaiin, cseteeey, okeey, orary, otaiin, otar, oteeey, oteey, otolam, qotceody | 0.09435 |
| f108v #8 | [ao][lr][ao][lr] Pipe/Flow (aral), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor, cseeol, cseeor), [yo][fptk]e4od (okeody), [yo]ce4y + infixed versions (oceey), ce4a (cseeal, cseear, ceal, ceeal), o[tk]e0-4y (ceoteey, okeey, okey, oteey, qokeey, ykeey), oe0-4s (ys), otai0-4n (otaiin), otal variants (otal), otam variants (otam) | ceal, ceeol, ceol, ckeal, cseeyctey, okeey, okeolar, okyd, otaiin, otal, otam, oteey, oteeykeeytey, otoees, qokeodal | 0.09024 |
| f112v #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceeol), ce4a (ceal), o[fptk]ai4n (okaiin), ol[yoa] (ceeolor), otam variants (otam) | ceal, ceeol, ceol, okaiin, okeolar, otam | 0.09019 |
| f113v #9 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, cseeol), [fptk]e0-4y (keey), ce4a (cear, otceam), o[fptk]ai4n (okaiiin, okaiin), o[tk]e0-4y (oteey, qokeey, oky), okal variants (okal), okar variants (okar), otai0-4n (otaiin, otain) | ceeol, ceotaiin, ckeal, okaiin, okal, okar, okyd, otaiin, oteey, oteeykeeytey, tey | 0.08894 |
| f108r #4 | [yo][fptk]e4o (ykeeo), [yo][fptk]e4od (oteeody), o[fptk]ai4n (okaiin), o[tk]e0-4y (okeey, ykeey), okal variants (okal), otal variants (otal) | okaiin, okal, okeey, okeo, otal, oteeykeeytey, qokeodal | 0.08734 |
| f107v #7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), ce4a (cear), o[tk][ao]s (otas), olai0-4n (olaiin), otal variants (otal) | ceol, ckeal, olain, otal, otoees | 0.08646 |
| f113r #3 | c \| c[fptk] + e4o (ceeo, ceo), ke4o (keor), o[fptk]ai4n (okaiin), o[tk]e0-4y (oteey, qokeey), otai0-4n (ceotaiin), otal variants (otal) | ceeo, ceotaiin, keodal, okaiin, okyd, otal, oteey | 0.08447 |
| f112v #2 | o[fptk]ai4n (okaiin), o-axis of [yo][fptk][ao][lr] (okor), okal variants (okal), okar variants (okar), otai0-4n (otaiin), otal variants (otal) | okaiin, okal, okar, otaiin, otal, otolam | 0.08163 |
| f113v #8 | o[fptk]ai4n (opaiin), o[fptk]c + e0-4y (otceey, qopceey), o[tk]e0-4y (otey), otai0-4n (otaiin), otar variants (otar), otol variants (otol) | ceotaiin, otaiin, otar, otceey, otey, otolam | 0.08140 |
| f104r #13 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), o[tk]e0-4y (oteey, qokeey), okam variants (okam), otai0-4n (otaiin, otain) | ceeol, ceotaiin, okam, otaiin, oteey, oteeykeeytey | 0.08093 |
| | **Cancer** | | |
| f112r #2 | o[fptk]e4dy (oteedy, okeedy), o[tk]e0-4y (okeey, oteey, otey, qokeey, ceoty), otai0-4n (otaiin) | ceoty, doteey, okeey, otaiin, oteedy, oteey, otey | 0.12503 |
| f107v #5 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fptk]e4od + y (qokeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (otedy), okal variants (okal), olai0-4n (olaiin), opai0-4n (opaiin), opc + e4ol (opceol), otai0-4n (otaiin) | aly, ceeeor, ceeol, okalar, okeeody, olaiin, opceol, opoiiin, otaiin, oteedy, ypaiiin | 0.10833 |
| f108v #8 | [ao][lr][ao][lr] Pipe/Flow (aral), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor, cseeol, cseeor), [yo][fptk]e4od + y (okeody), ce4a (cseeal, cseear, ceal, ceeal), cedai4[lrsm \| n] (ceedaiin, ceedar), o[fptk]e4dy (okeedy, otedy, oteedy, qoteedy), o[tk]e0-4y (ykeey, oteey, qokeey, okeey, okey, ceoteey), oce4y (oceey), oe0-4s (ys), otai0-4n (otaiin) | aral, ceeal, ceedaiin, ceeeor, ceeol, ceoctear, ceoteey, ceteos, cseeal, cseear, cseeol, cseeor, doteey, oceey, okeey, okeody, otaiin, oteedy, | 0.10827 |

| | | | |
|---|---|---|---|
| | | oteey, ykeey | |
| f112r #9 | [yo][fptk]e4od + y (okeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (okeey), okal variants (okal), otar variants (otear) | okalar, okeey, okeody, opoiiin, oteedy, ytairal | 0.10747 |
| f112r #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]e0-4y (keey), [yo]dy endings (ody, okody, otody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]ai4n (ceokain), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, okeeey, okeey, oty, qokeey), oa (oar), okar variants (ykair), olai0-4n (olaiin), otai0-4n (otaiin, otain), otar variants (otair, otar) | ceedaiin, ceeeor, doteey, fydy, okarar, okeeey, okeey, olaiin, opoiiin, otaiin, oteedy, oteey, teey, ykoaly, ytairal | 0.10556 |
| f113v #7 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (ceeody), eky (ceeeky), o[fptk]ai4n (okaiin), oe0-4s (ceeos), okar variants (okar), ola (olal), otar variants (otar) | aly, ceeky, ceeol, ceteos, fydy, okar, olalsy, opoiiin, ytairal | 0.10475 |
| f104r #11 | [yo][fptk]e4od + y (oteody), o[fptk]ai4n (okaiin), okal variants (okal), okar variants (okar), orai0-4n (oraiin) | okalar, okar, opoiiin, oraiin, oteody | 0.10143 |
| f112r #10 | [ao][lr][ao][lr] Pipe/Flow (aral), [yo]dy endings (cseeody), a[lr]an (alain), o[fptk]ai4n (okaiiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (okcey), o[fptk]e4dy (otedy), o[fptk]e4os (okeeos), o[fptk]o (oto), okal variants (okal), okar variants (okar), opal variants (opal), ory (ory) | alaiiin, aral, fydy, ofcseoldy, okaiiin, okalar, okar, okeos, opalal, ory, oteedy, oto | 0.09939 |
| f113v #2 | [yo][fptk]e4od + y (oteody), o[fptk]e4dy (otedy, oteedy), o[fptk]edar (otedar), o[tk]e0-4y (qokeey), o[tk]e4s (otees), oc[fptk]e4y (ceockey), otai0-4n (otaiin) | cseoctey, doteey, otaiin, otedar, oteedy, otees, oteody | 0.09913 |
| f106v #10 | [yo][fptk]e4od + y (oteody), o[fptk]e4dy (oteedy), o[tk]e0-4y (oty, okeey, ceoty), oce4y (okoceey), oe0-4s (ceeos), oi (oin), otai0-4n (otaiin, otain), otar variants (ceotar) | ceoty, ceteos, doteey, oceey, oin, okeey, otaiin, oteedy, oteody, ytairal | 0.09752 |
| f103r #15 | ce4a (ceeal, cseeal), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (otcseedy), o[tk]e0-4y (qokeey, cseokey) | ceeal, cseeal, doteey, ofcseoldy | 0.09667 |
| f113v #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceeor), [yo]dy endings (ceeody), o[fptk]e4dy (okeedy), o[tk]e0-4y (okeey, oteeey, oteey), o-axis of [yo][fptk][ao][lr] (otor), orai0-4n (oraiin), otai0-4n (otaiin, otain), otar variants (otar) | ceeol, ceeor, doteey, fydy, okeey, oraiin, otaiin, oteedy, oteey, ykoly, ytairal | 0.09418 |
| f104v #8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseor, cseeol), [yo]dy endings (ceeody) | cseeol, cseo, cseor, fydy | 0.09168 |
| f114v #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (ceo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo][fptk]e4o (oteeo, oteo), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (otceey), o[tk]e0-4y (oteeey, oteey, okeey, ceoty), okal variants (okal), otai0-4n (otaiin, otain) | ceeol, ceoty, cseo, doteey, fydy, ofcseoldy, okalar, okeeo, okeey, opoiiin, otaiin, oteey, oteo | 0.09144 |
| f113v #13 | [fptk]e0-4y (keey), ce4a (ceeal), o[tk]e0-4y (oteeey), oe0-4s (os), okar variants (okar), orai0-4n (oraiin), otai0-4n (otaiin, otain) | ceeal, doteey, okar, oraiin, os, otaiin, teey | 0.09098 |
| f103r #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), o[fptk]e4dy (okeedy, ykeedy), o[tk]e0-4y (otey, qokeey), olai0-4n (olain) | ceeolaiin, cseeol, doteey, oteedy, otey | 0.08940 |
| f108r #2 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (ceeo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (cear), cedai4[lrsm \| n] (cedar), o[fptk]e4dy (okedy, otedy), o[tk]e0-4y (oteey, okeey, qokeey), o-axis of [yo][fptk][ao][lr] (otol), okar variants (okar) | ceedaiin, ceeol, ceoctear, cseo, doteey, okar, okeey, oteedy, oteey, ykoly | 0.08749 |
| f113v #9 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, cseeol), [fptk]e0-4y (keey), c + e4 + [fptk] Endings (cseek), ce4a (cear, otcearn), o[fptk]ai4n (okaiiin, okaiin), o[tk]e0-4y (oteey, qokeey, oky), okal variants (okal), okar variants (okar), otai0-4n (otaiin, otain) | ceek, ceeol, ceoctear, cseeol, doteey, okaiiin, okalar, okar, opoiiin, otaiin, oteey, teey | 0.08564 |
| f108r #13 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]ce4y (yceey), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]e4dy (ceokeedy, otedy, oteedy, okedy, okeedy), o[tk]e0-4y (okeey, okey, qokeey, yty), okar variants (okar), ola (olal), otai0-4n (otain), otar variants (otarar) | ceedaiin, ceeeor, cseo, doteey, fydy, oceey, okar, okeey, olackey, otaiin, oteedy, ytairal | 0.08544 |
| f103r #8 | cedai4[lrsm \| n] (ceedal), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, otey, oty, okeeey, okeey, oky) | ceedaiin, doteey, okeeey, okeey, oteedy, oteey, otey | 0.08481 |
| | **Leo** | | |
| f112r #9 | [yo][fptk]e4od + y (okeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (oteedy, okedy, okeedy), o[tk]e0-4y (okeey), okal variants (okal), otar variants (otear) | ***ofaiin, cseedykeal, cseokeedy, okedy, okeey, okeody, ototear | 0.11641 |
| f112r #2 | o[fptk]ai4n (otaiin), o[fptk]e4dy (oteedy, okeedy), o[tk]e0-4y (okeey, ceoty, oteey, otey, qokeey) | ***ofaiin, cseokeedy, okeey, okyeecsey, oteey, otey | 0.10168 |
| f108r #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [yo]dy endings (cseeody), o[fptk]e4dy (okedy, otedy), okar variants (okar), otal variants (otal) | cseeody, cseokeedy, cseol, okary, okedy, otaly | 0.09734 |
| f112r #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]e0-4y (keey), [yo]dy endings (ody, okody, otody), o[fptk]ai4n (ceokain, otaiin, otain), o[fptk]e4dy (otedy), o[tk]e0-4y (oteey, oty, qokeey, okeeey, okeey), oa (oar), okar variants (ykair), olai0-4n (olaiin), otal variants (otal), otar variants (otar, otair) | ***ofaiin, *keody, ceol, cseokeedy, okary, okeeey, okeey, okyeecsey, olaiin, otaly, oteey, ototear, oty, teey, yal | 0.09720 |
| f113v #7 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (ceeody), ek[yoa] (ceeeky), o[fptk]ai4n (okaiin), oe0-4s (ceeos), okar variants (okar), ola (olal), otal variants (otal), otar variants (otar) | ***ofaiin, *keody, aly, ceolairy, cseoleey, okary, okeoekol, otaly, ototear, soees | 0.09448 |
| f107v #5 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fptk]e4od + y (qokeody), [yo]pa (opaiin), o[fptk]ai4n (otaiin, okaiin), o[fptk]e4dy (otedy), okal variants (okal), olai0-4n (olaiin) | ***ofaiin, aly, ceol, cseedykeal, cseokeedy, cseoleey, okeody, olaiin, opal | 0.09307 |
| f114v #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (ceeo, cseo), [fptk]e0-4y (teey), [yo][fptk]e4o (oteeo), o[fptk]ai4n (otaiin, okaiin), o[fptk]c + e4ody (otceeody), okol variants (okol), olai0-4n (olaiin), opce0-4y (qopceey), otal variants (otal) | ***ofaiin, ceopceey, cseo, okol, olaiin, otaly, otceeody, teey, ykeeo | 0.09251 |
| f108r #13 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]ce4y + infixed versions (yceey), [yo]dy endings (ceeody), o[fptk \| dlrsmg][ao]m (otam), o[fptk]ai4n (otain), o[fptk]e4dy (okedy, okeedy, ceokeedy, otedy, oteedy), o[tk]e0-4y (qokeey, yty, okeey, okey), okar variants (okar), ola (olal), om (okeeom), otar variants (otarar) | ***ofaiin, *keody, ceol, cseo, cseokeedy, ocfeey, ogeom, okam, okary, okedy, okeey, okey, okyeecsey, ototear, solar, yty | 0.08818 |
| f108v #8 | [ao][lr][ao][lr] Pipe/Flow (aral), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor, cseeol, cseeor), [yo][fptk]e4od + y (okeody), ce4a (cseeal, cseear, ceal, ceeal), o[fptk \| dlrsmg][ao]m (otam), o[fptk]ai4n (otaiin), o[fptk]e4dy (qoteedy, otedy, oteedy, okeedy), o[tk]e0-4y (okeey, okey, oteey, qokeey, ceoteey, ykeey), oce4y + infixed versions (oceey), oe0-4s (ys), otal variants (otal) | ***ofaiin, ceol, cseokeedy, cseoleey, dceal, ocfeey, okam, okeey, okeody, oley, okoleeolar, okyeecsey, otaly, oteey, soees | 0.08644 |
| f103r #8 | o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, otey, oty, okeeey, okeey, oky) | cseokeedy, okeeey, okeey, oky, oteey, otey, oty | 0.08444 |
| f108r #14 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), [fptk]e0-4y (keey), o[fptk]e4dy (okedy, otedy, oteedy, yteedy), o[tk]e0-4y (qokeey, okeey), okam variants (okam), okar variants (okaram) | cseokeedy, cseoleey, okam, okary, okedy, okeey, okyeecsey, teey | 0.08422 |
| f116r #3 | [tk]e4o (teody), o[fptk]e4dy (yteedy, otedy), o[fptk]edar (oteedar), o[tk]e0-4y (otey, qokeey, okeey) | cseokeedy, okeey, okyeecsey, otey, oyteedar, teody | 0.08369 |
| f103r #9 | ce4a (ceal), o[fptk]ai4n (okaiin, otain), o[tk]e0-4y (qokeey, okeey), oce4y + infixed versions (qoceey) | ***ofaiin, dceal, ocfeey, okeey, okyeecsey | 0.08293 |
| f103v #11 | [yo]dy endings (ceeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, otedy), o[tk]e0-4y (otey, oty, qokeey, ykeey, okeey, okey), opce0-4y (opceey), otal variants (otaly) | ***ofaiin, *keody, ceopceey, cseokeedy, okedy, okeey, okey, okyeecsey, otaly, otey, oty | 0.08210 |
| f116r #2 | [ao][lr][ao][lr] Pipe/Flow (aral), [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oteey, otey, oty), o-axis of [yo][fptk][ao][lr] (otor), okam variants (okam), otal variants (otal) | cseokeedy, laly, okam, okeeoloky, oleeo, otaly, oteey, otey, oty | 0.08052 |
| f112v #1 | o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, okeeedy), o[tk]e0-4y (okeey, okey, oteey, oty, qokeey), oa (oaiin, oar), opal variants (opal), or[yoa] (oraiin), otal variants (otal) | ***ofaiin, ceokory, cseokeedy, okedy, okeey, okey, okyeecsey, opal, otaly, oteey, oty, yal | 0.07997 |
| f103r #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), o[fptk]e4dy (okeedy, ykeedy), o[tk]e0-4y (otey, qokeey), olai0-4n (olain) | cseokeedy, cseoleey, okyeecsey, olaiin, otey | 0.07970 |
| f113v #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceeor), [yo]dy endings (ceeody), o[fptk]ai4n (otaiin, otain), o[fptk]e4dy (okeedy), o[tk]e0-4y (okeey, oteeey, oteey), o-axis of [yo][fptk][ao][lr] (otor), or[yoa] (oraiin), otar variants (otar) | ***ofaiin, *keody, ceeor, ceokory, cseokeedy, cseoleey, okeey, okeolo, okyeecsey, oteey, ototeear | 0.07961 |
| f103r #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), ce4a (ceal), o[fptk]ai4n (okaiin), o[fptk]e4dy (otedy), o[tk]e0-4y (oteey, okeey), or[yoa] (oraiin) | ***ofaiin, ceokory, ceol, cseokeedy, dceal, okeey, oteey | 0.07627 |
| f112r #10 | [ao][lr][ao][lr] Pipe/Flow (aral), [yo]dy endings (cseeody), o[fptk]ai4n (okaiiin), o[fptk]c + e0-4y (okcey), o[fptk]e4dy (otedy), o[fptk]e4os (okeeos), o[fptk]o (oto), okal variants (okal), okar variants (okar), opal variants (opal), ory (ory) | ***ofaiin, ceokory, ceopceey, cseedykeal, cseeody, cseokeedy, okary, okeos, okoleeolar, opal, oteok** | 0.07604 |
| | **Virgo** | | |
| f112r #9 | [yo][fptk]e4od + y (okeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (oteedy, okedy, okeedy), o[tk]e0-4y (okeey), okal variants (okal) | ceokeedy, okaiiiny, okal, okedy, okeedy, okeey, okeody | 0.12514 |
| f107v #5 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fptk]e4od + y (qokeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (otedy), okal variants (okal), olai0-4n (olaiin), opai0-4n (opaiin), otai0-4n (otaiin), rai4n (raiin) | aly, ceeol, ceeos, ceetolain, ceokeedy, okaiiiny, okal, opaiin, otaiin, oteeod, raiin | 0.12311 |
| f113v #7 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]ai4[dlrsmg \| n] (kaiin, kar), [yo]dy endings (ceeody), eky (ceeeky), o[fptk]ai4n (okaiin), oe0-4s (ceeos), ola (olal), otal variants (otal), rai4n (raiin) | aly, ceeol, ceeos, ceotal, cseeeoeky, kair, okaiiiny, olal, raiin, yteody | 0.11024 |
| f112r #2 | o[fptk]e4dy (okeedy, oteedy), o[tk]e0-4y (oteey, otey, qokeey, okeey, ceoty), otai0-4n (otaiin) | ceokeedy, cseeoty, okeedy, okeey, otaiin, otey | 0.10821 |
| f107r #12 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), c \| c[fptk] + e4o (ceo), ce4a (ceal), o[fptk \| dlrsmg][ao]m (otam), o[fptk]ai4n (okaiin), o[fptk]e4dy (qoteedy), oe sans oy + oe4y, oe0-4s (oeedy), okal variants (okal), ol[tk] (olkar), otal variants (otal) | aly, ceal, ceeo, ceeol, ceokeedy, ceotal, oeedy, okaiiiny, okal, okeeom, olkar | 0.10028 |
| f114v #12 | [dlrsmg]ai4m (ram), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]ai4[dlrsmg \| n] (tar), [yo][fptk]e4o (oteo, oteeo), [yo]dy endings (ceeody), c \| c[fptk] + e4o (ceo), o[fptk \| dlrsmg][ao]m (otam), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (otceey), o[tk]e0-4y (oteeey, oteey, okeey, ceoty), okal variants (okal), otai0-4n (otaiin, otain), otal variants (otal) | ceeo, ceeol, ceotal, cseeoty, kair, ofceeey, okaiiiny, okal, okeeom, okeey, okeo, otaiin, ram, yteody | 0.09533 |
| f106r #4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), o[fptk]e4dy (otedy), o[lr]y (ceeoly), o[tk]e0-4y (ceeokey, okeey), o[tk]e4s (okeees), rai4n (raiin) | ceeol, ceokeedy, cseeoty, okeees, okeey, okeory, raiin | 0.09495 |
| f114v #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk]e0-4y (teey), [yo][fptk]e4o (oteeo), [yo]dy endings (otceeody), c \| c[fptk] + e4o (ceeo), o[fptk]ai4n (okaiin), okol variants (okol), olai0-4n (olaiin), opce0-4y (qopceey), otai0-4n (otaiin), otal variants (otal) | ceeo, ceetolain, ceopcey, ceotal, okaiiiny, okeo, okol, otaiin, teey, yteody | 0.09261 |
| f108v #8 | [ao][lr][ao][lr] Pipe/Flow (aral), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor, cseeol, cseeor), [fptk]ai4[dlrsmg \| n] (kar, tar), [yo][fptk]e4od + y (okeody), ce4a (cseeal, cseear, ceal, ceeal), o[fptk \| dlrsmg][ao]m (otam), o[fptk]e4dy (otedy, oteedy, okeedy, qoteedy), o[tk]e0-4y (okeey, otey, qokeey, okey, ceoteey, ykeey), oe0-4s (ys), otai0-4n (otaiin), otal variants (otal) | ceal, ceeol, ceeos, ceeosy, ceokeedy, ceotal, cseeoty, kair, okeedy, okeeom, okeey, okeody, olal, otaiin | 0.09169 |
| f103r #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), o[fptk]e4dy (okeedy, ykeedy), o[tk]e0-4y (otey, qokeey), olai0-4n (olain) | ceeos, ceetolain, ceokeedy, cseeoty, okeedy, otey | 0.08967 |
| f103r #15 | [fptk]ai4[dlrsmg \| n] (tar), ce4a (ceeal, cseeal), o[fptk]c + e0-4dy (otcseedy), o[tk]e0-4y (qokeey, cseokey) | ceal, cseeoty, kair, otcseedy | 0.08637 |

| | | | |
|---|---|---|---|
| f108r #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [yo]dy endings (cseeody), o[fptk]e4dy (okedy, otedy), otal variants (otal) | ceokeedy, ceotal, cseol, okedy, yteody | 0.08572 |
| f106v #15 | [fptk]e0-4y (keey), [yo][fptk]e4o (okeeo), ce4a (ceal), o[fptk]e4dy (otedy, oteedy, qoteedy), o[tk]e0-4y (oty, oteey, okeey, oky, okeeey), okal variants (okal), otai0-4n (otaiin), otol variants (otol), rai4n (raiin) | ceal, ceokeedy, cseeoty, okal, okeey, okeo, otaiin, otol, oty, raiin, teey | 0.08497 |
| f107r #8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]ai4[dlrsmg \| n] (kaiin, kair, kal), [yo]dy endings (ceeody), ce4a (ceal, cear), okal variants (okal) | ceal, ceeol, kair, okal, yteody | 0.08402 |
| f103r #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (kaiin), ce4a (ceal), o[fptk]ai4n (okaiin), o[fptk]e4dy (otedy), o[tk]e0-4y (oteey, okeey), orai0-4n (oraiin) | ceal, ceeos, ceokeedy, cseeoty, kair, okaiiiny, okeey, oraiin | 0.08360 |
| f103r #9 | ce4a (ceal), o[fptk]ai4n (okaiin), o[tk]e0-4y (okeey, qokeey), otai0-4n (otain) | ceal, cseeoty, okaiiiny, okeey, otaiin | 0.08297 |
| f112r #1 | [dlrsmg]ai4m (dam, ram), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]e0-4y (keey), [yo]dy endings (ody, okody, otody), o[fptk]ai4n (ceokain), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, oty, qokeey, okeeey, okeey), olai0-4n (olaiin), otai0-4n (otaiin, otain), otal variants (otal) | ceeos, ceetolain, ceokeedy, ceotal, cseeoty, ody, okaiiiny, okeey, otaiin, oty, ram, teey, yteody | 0.08165 |
| f107v #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo][fptk]e4od + y (okeeody), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (otceey), o[fptk]e4dy (okedy), otai0-4n (otaiin), rai4n (raiin) | ceeos, ofceeey, okaiiiny, okedy, otaiin, oteeod, raiin | 0.08155 |
| f108r #4 | [yo][fptk]e4o (ykeeo), [yo][fptk]e4od + y (oteeody), o[fptk]ai4n (okaiin), o[tk]e0-4y (ykeey, okeey), okal variants (okal), otal variants (otal), rai4n (raiin) | ceotal, cseeoty, okaiiiny, okal, okeey, okeo, oteeod, raiin | 0.08116 |
| f113v #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceeor), [yo]dy endings (ceeody), o[fptk]e4dy (okeedy), o[tk]e0-4y (okeey, oteeey, oteey), o-axis of [yo][fptk][ao][lr] (otor), orai0-4n (oraiin), otai0-4n (otaiin, otain) | ceeol, ceeos, cseeoty, okeedy, okeey, okol, oraiin, otaiin, yteody | 0.08018 |
| | **Libra** | | |
| f113v #7 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [yo]dy endings (ceeody), eky (ceeeky), o[fptk]ai4n (okaiin), oe0-4s (ceeos), okar variants (okar), ola (olal), otal variants (otal), otar variants (otar) | aly, ceeeky, oeeeos, oeeody, okar, opaiin, otalal, otar, ytolaiin | 0.11590 |
| f112r #9 | [yo][fptk]e4od + y (okeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (okeey), okal variants (okal), otar variants (otear) | okal, okeey, opaiin, otear, ykeedy, yteod | 0.10770 |
| f107v #5 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [yo][fptk]e4od + y (qokeody), o[fptk]ai4n (otaiin, okaiin), o[fptk]e4dy (otedy), okal variants (okal), olai0-4n (olaiin), opai0-4n (opaiin), sai4n (saiin) | aly, okal, opaiin, otedy, saiin, yteod, ytolaiin | 0.10378 |
| f112r #2 | o[fptk]ai4n (otaiin), o[fptk]e4dy (oteedy, okeedy), o[tk]e0-4y (okeey, oteey, otey, qokeey, ceoty) | oeeoty, okeey, opaiin, oteey, otey, ykeedy | 0.10167 |
| f104r #11 | [yo][fptk]e4od + y (oteody), o[fptk]ai4n (okaiin), o[lr]a (oraiin), okal variants (okal), okar variants (okar) | okal, okar, opaiin, oteody, ytolaiin | 0.10123 |
| f112r #1 | [yo]dy endings (ody, okody, otody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]ai4n (ceokain, otaiin, otain), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, okeeey, okeey, oty, qokeey), oa (oar), okar variants (ykair), olai0-4n (olaiin), otal variants (otal), otar variants (otar, otair), sai4n (saiin) | csedary, oeeody, oeeoty, okar, okeey, opaiin, otalal, otar, otear, oteey, saiin, ykeedy, yotoam, ytolaiin | 0.10065 |
| f112r #10 | [ao][lr][ao][lr] Pipe/Flow (aral), [yo]dy endings (cseeody), [yo]pa (opal), o[fptk]ai4n (okaiiin), o[fptk]c + e0-4y (okcey), o[fptk]e4dy (otedy), o[fptk]e4os (okeeos), o[fptk]o (oto), o[lr]y (ory), okal variants (okal), okar variants (okar), sai4n (sain) | oeeody, oeeoly, okal, okalair, okar, opaiin, opcseeytey, otedy, oteeos, oto, saiin, topar | 0.09347 |
| f103r #18 | c-sequence + e4 + [fptk] + c-sequence + e4 + y (ceepcey), o[tk]e0-4y (oteey, qokeey, qoty), opce0-4y (qopceey), otal variants (otal) | ceepcey, oeeoty, opcseeytey, otalal, oteey | 0.08755 |
| f108v #8 | [ao][lr][ao][lr] Pipe/Flow (aral), [yo][fptk]e4od + y (okeody), ce4a (cseeal, cseear, ceal, ceeal), cedai4[lrsm \| n] (ceedaiin, ceedar), o[fptk \| dlrsmg][ao]m (otam), o[fptk]ai4n (otaiin), o[fptk]e4dy (qoteedy, otedy, oteedy, okeedy), o[tk]e0-4y (okeey, okey, ceoteey, oteey, qokeey, ykeey), oce4y + s infixes (oceey), oe0-4s (ys), otal variants (otal), sai4n (saiin, sain) | ceocsey, csealdy, csedary, oeeeos, oeeoty, okalair, okeey, opaiin, opcseeytey, otalal, otedy, oteey, saiin, ykeedy, ypaim, yteod | 0.08579 |
| f108r #13 | [yo]ce4y (yceey), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk \| dlrsmg][ao]m (okeeom, otam), o[fptk]ai4n (otain), o[fptk]e4dy (otedy, oteedy, okedy, okeedy, ceokeedy), o[tk]e0-4y (okeey, okey, qokeey, yty), okar variants (okar), ola (olal), otar variants (otarar) | csedary, oeeody, oeeoty, okar, okeey, opaiin, otear, otedy, yceey, ykeedy, ypaim, ytolaiin | 0.08556 |
| f103r #9 | ce4a (ceal), o[fptk]ai4n (okaiin, otain), o[tk]e0-4y (okeey, qokeey), oce4y + s infixes (qoceey) | ceocsey, csealdy, okeey, opaiin, opcseeytey | 0.08298 |
| f108r #2 | ce4a (cear), cedai4[lrsm \| n] (cedar), o[fptk]e4dy (okedy, otedy), o[tk]e0-4y (oteey, okeey, qokeey), okar variants (okar), otol variants (otol) | csealdy, csedary, okar, okeey, opcseeytey, otedy, oteey, otol, ykeedy | 0.08295 |
| f116r #3 | [yo]dy endings (teody), o[fptk]e4dy (yteedy, otedy), o[tk]e0-4y (otey, qokeey, okeey) | oeeody, okeey, opcseeytey, otedy, otey, ykeedy | 0.08289 |
| f108r #10 | [yo]dy endings (cseeody), o[fptk]e4dy (okedy, otedy), okar variants (okar), otal variants (otal) | oeeody, okar, otalaiin, otedy, ykeedy | 0.08052 |
| f116r #2 | [ao][lr][ao][lr] Pipe/Flow (aral), [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), o[fptk \| dlrsmg][ao]m (okam), o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oteey, otey, oty), o-axis of [yo][fptk][ao][lr] (otor), otal variants (otal), sai4n (sain) | aly, okalair, opcseeytey, otalaiin, otedy, oteey, otey, saiin, ykeedy, ypaim, ytolaiin | 0.08051 |
| f103r #12 | o[fptk]e4dy (okeedy, ykeedy), o[tk]e0-4y (otey, qokeey), olai0-4n (olain) | oeeoty, otey, ykeedy, ytolaiin | 0.07989 |
| f103v #11 | [yo]dy endings (ceeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, otedy), o[tk]e0-4y (otey, oty, qokeey, okeey, okey, ykeey), opce0-4y (opceey), otal variants (otaly), sai4n (saiin) | oeeody, oeeoty, okeey, opaiin, opcseeytey, otalal, otedy, otey, saiin, ykeedy | 0.07780 |
| f103v #9 | [ao][lr][ao][lr] Pipe/Flow (arar), c-sequence + e4 + [fptk] + e4 + y (ceekey), o[fptk]e4dy (okeedy, otedy), o[tk]e0-4y (qokeey, ykeey, okeey), otar variants (otar) | oeeoty, okalair, okeceety, okeey, opcseeytey, otar, otedy, ykeedy | 0.07715 |
| f103r #10 | ce4a (ceal), c-sequence + e4 + [fptk] + c-sequence + e4 + y (cepcey), o[fptk]ai4n (okaiin), o[fptk]e4dy (otedy), o[lr]a (oraiin), o[tk]e0-4y (okeey, oteey) | ceepcey, csealdy, okeey, opaiin, otedy, oteey, ytolaiin | 0.07684 |
| f112v #1 | [yo]pa (opal), o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, okeeedy), o[lr]a (oraiin), o[tk]e0-4y (okeey, okey, oteey, oty, qokeey), oa (oaiin, oar), otal variants (otal), sai4n (saiin, sain) | oeeoty, okeey, opaiin, opcseeytey, otalaiin, oteey, saiin, topar, ykeedy, yotoam, ytolaiin | 0.07680 |
| | **Scorpio** | | |
| f113v #7 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]ai4[dlrsmg \| n] (kaiin, kar), [yo]dy endings (ceeody), eky (ceeeky), o[fptk]ai4n (okaiin), oe0-4s (ceeos), okar variants (okar), ola (olal), otal variants (otal), otar variants (otar) | alceeky, aly, ceeody, ceeteeeos, ceor, kar, okary, olalaiin, opaiin, otal, otar | 0.13665 |
| f112r #9 | [yo][fptk]e4od + y (okeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (okeey), otar variants (otear) | okedy, okeedy, okeey, okeody, opaiin, otar, oyteedy | 0.11610 |
| f112r #2 | o[fptk]ai4n (otaiin), o[fptk]e4dy (oteedy, okeedy), o[tk]e0-4y (okeey, ceoty, oteey, otey, qokeey) | ceoteey, okeedy, okeey, opaiin, oteey, otey, oyteedy | 0.10736 |
| f112r #1 | [dlrsmg]ai4m (dam, ram), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ody, otody, okody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]ai4n (ceokain, otaiin, otain), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, oty, qokeey, okeeey, okeey), okar variants (ykair), olai0-4n (olaiin), otal variants (otal), otar variants (otar, otair) | ceedar, ceetceody, ceor, ceoteey, dam, okary, okeey, olalaiin, opaiin, otal, otar, oteey, oyteedy, salceedal | 0.10577 |
| f107v #6 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (kaiin, kal), [yo]dy endings (ceeody), [yo]pa (opal), cedai4[lrsm \| n] (cedar), o[fptk]ai4n (okaiin), ol[tk] (olkal), olai0-4n (olaiin), otal variants (otal), otar variants (otar) | cedar, ceeody, ceor, kar, olalaiin, olteey, opaiin, opar, otal, otar | 0.09895 |
| f113v #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceeor), [yo]dy endings (ceeody), c-sequence + e4 + [fptk] + e4 + y (ceekey), o[fptk]ai4n (otaiin, otain), o[fptk]e4dy (okeedy), o[tk]e0-4y (okeey, oteeey, oteey), or[yoa](oraiin), otar variants (otar), otor variants (otor) | ceeody, ceeteey, ceor, ceoteey, okeedy, okeey, opaiin, otar, oteey, otoreees, ykeeory | 0.09416 |
| f116r #5 | o[fptk]e4dy (okeedy, oteedy), o[tk]e0-4y (qokeey, okeey), otal variants (otal), otar variants (otar, otarar) | ceoteey, okeedy, okeey, otal, otar, oyteedy | 0.09303 |
| f108r #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [yo]dy endings (cseeody), o[fptk]e4dy (okedy, otedy), okar variants (okar), otal variants (otal) | ceetceody, ceor, okary, okedy, otal, oyteedy | 0.09186 |
| f103r #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), o[fptk]e4dy (okeedy, ykeedy), o[tk]e0-4y (otey, qokeey), olai0-4n (olain) | ceor, ceoteey, okeedy, olalaiin, otey, oyteedy | 0.08962 |
| f103r #18 | c-sequence + e4 + [fptk] + c-sequence + e4 + y (ceepcey), o[fptk]c + e0-4y (qopceey), o[tk]e0-4y (qoty, oteey, qokeey), otal variants (otal) | ceotcey, ceoteey, cseetce, otal, oteey | 0.08731 |
| f108v #8 | [ao][lr][ao][lr] Pipe/Flow (aral), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor, cseeol, cseeor), [fptk]ai4[dlrsmg \| n] (kar, tar), [yo][fptk]e4od + y (okeody), cedai4[lrsm \| n] (ceedaiin, ceedar), o[fptk]ai4n (otaiin), o[fptk]e4dy (qoteedy, okeedy, otedy, oteedy), o[tk]e0-4y (oteey, qokeey, okeey, okey, ykeey, ceoteey), oce4y (oceey), oe0-4s (ys), otal variants (otal) | alar, ceedar, ceeteeeos, ceor, ceoteey, kar, okeedy, okeey, okeody, opaiin, otal, oteey, oyteedy, qoceey, salceedal | 0.08647 |
| f103r #9 | o[fptk]ai4n (okaiin, otain), o[tk]e0-4y (okeey, qokeey), oce4y (qoceey) | ceoteey, okeey, opaiin, qoceey | 0.08316 |
| f108r #13 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]ce4y (yceey), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]ai4n (otain), o[fptk]e4dy (otedy, oteedy, okedy, okeedy, ceokeedy), o[tk]e0-4y (okeey, okey, qokeey, yty), okar variants (okar), ola (olal), otar variants (otarar) | ceedar, ceeody, ceor, ceoteey, okary, okedy, okeedy, okeey, olalaiin, opaiin, otar, oyteedy, qoceey, salceedal | 0.08201 |
| f107r #13 | [fptk]ai4[dlrsmg \| n] (kaiin), [yo]dy endings (cseeody), a[dlrsmg]am (aram), o[fptk]ai4n (ceotaiin), o[tk]e0-4y (okeey, oteey), otal variants (otal) | aram, ceetceody, kar, okeey, opaiin, otal, oteey | 0.08041 |
| f108r #14 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), a[dlrsmg]am (okaram), cedai4[lrsm \| n] (cedar), o[fptk]e4dy (okedy, otedy, oteedy, yteedy), o[tk]e0-4y (qokeey, okeey) | aram, cedar, ceor, ceoteey, okedy, okeey, oyteedy | 0.08000 |
| f107v #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [fptk]ai4[dlrsmg \| n] (kal), [yo]dy endings (alody), eky (ceeky), o[fptk]ai4n (otaiin), o[fptk]e4dy (otedy), o[fptk]e4os (oteos), oc[fptk]e4y (cseoctey), otal variants (otal), otar variants (otar) | alceeky, ceetceody, ceockey, ceor, kar, opaiin, otal, otar, oteos, oyteedy | 0.07978 |
| f103r #8 | cedai4[lrsm \| n] (ceedal), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, otey, oty, okeeey, okeey, oky) | ceoteey, okeey, oky, oteey, otey, oyteedy, salceedal | 0.07908 |
| f107v #5 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fptk]e4od + y (qokeody), o[fptk]ai4n (otaiin, okaiin), o[fptk]e4dy (otedy), olai0-4n (olaiin), opai0-4n (opaiin) | aly, ceor, olalaiin, opaiin, oyteedy, yteedy | 0.07814 |
| f103v #11 | [yo]dy endings (ceeody), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (opceey), o[fptk]e4dy (okedy, otedy), o[tk]e0-4y (otey, oty, qokeey, ykeey, okeey, okey), otal variants (otaly) | ceeody, ceotcey, ceoteey, okedy, okeey, opaiin, otaly, otey, oyteedy | 0.07762 |
| f103v #9 | [ao][lr][ao][lr] Pipe/Flow (arar), c-sequence + e4 + [fptk] + e4 + y (ceekey), o[fptk]e4dy (okeedy, otedy), o[tk]e0-4y (qokeey, ykeey, okeey), otar variants (otar) | alar, ceeteey, ceoteey, okeedy, okeey, otar, oyteedy | 0.07716 |
| | **Sagittarius** | | |
| f112r #2 | o[fptk]ai4n (otaiin), o[fptk]e4dy (oteedy, okeedy), o[tk]e0-4y (okeey, oteey, otey, qokeey, ceoty) | ceeytey, ceoty, okeedy, otey, qokeey, ypaiiin, yteedy | 0.12398 |
| f103r #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), o[fptk]e4dy (okeedy, ykeedy), o[tk]e0-4y (otey, qokeey), olai0-4n (olain) | cseeol, okeedy, oteolain, otey, qokeey, yteedy | 0.11885 |
| f103r #18 | o[tk]e0-4y (oteey, qokeey, qoty), opce0-4y (qopceey), otal variants (otal) | ceeytey, qokeey, qopceey, qoty, ytaly | 0.11541 |
| f107v #5 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fptk]e4od + y (qokeody), o[fptk]ai4n (otaiin, okaiin), o[fptk]e4dy (otedy), okal variants (okal), olai0-4n (olaiin), opai0-4n (opaiin) | aly, okal, opaiin, otedy, oteolain, qokeody, tceol, ypaiiin | 0.11309 |
| f116r #3 | [yo]dy endings (teody), o[fptk]e4dy (yteedy, otedy), o[fptk]edar (oteedar), o[tk]e0-4y (otey, qokeey, okeey) | ceeytey, otedy, otey, qokeey, ykeeody, ytedar, yteedy | 0.10382 |

| | | | |
|---|---|---|---|
| f112r #9 | [yo][fptk]e4od + y (okeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (oteedy, okedy, okeedy), o[tk]e0-4y (okeey), okal variants (okal) | ceeytey, okal, okeedy, okeody, ypaiiin, yteedy | 0.09871 |
| f108v #8 | [ao][lr][ao][lr] Pipe/Flow (aral), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor, cseeol, cseeor), [yo][fptk]e4od + y (okeody), ce4a (cseeal, cseear, ceal, ceeal), o[fptk]ai4n (otaiin), o[fptk]e4dy (okeedy, otedy, oteedy, qoteedy), o[tk]e0-4y (ykeey, oteey, qokeey, okeey, okey, ceoteey), oe0-4s (ys), otal variants (otal) | alaly, ceary, ceeytey, cseeol, okeedy, okeody, okeos, okey, otedy, qokeey, qoteedy, tceol, ypaiiin, ytaly, yteedy | 0.09381 |
| f107v #14 | o[tk]e0-4y (qokeey), opce0-4y (opceey) | opceey, qokeey | 0.09086 |
| f103v #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor), ce4a (ceal), o[fptk]e4dy (okeedy, ykeedy, qoteedy), o[tk]e0-4y (qoty, okeey, qokeey) | ceary, ceeytey, okeedy, qokeey, qoteedy, qoty, tceol, yteedy | 0.09032 |
| f103r #9 | ce4a (ceal), o[fptk]ai4n (okaiin, otain), o[tk]e0-4y (qokeey, okeey) | ceary, ceeytey, qokeey, ypaiiin | 0.08918 |
| f103v #11 | [yo]dy endings (ceeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, otedy), o[tk]e0-4y (otey, oty, qokeey, ykeey, okeey, okey), opce0-4y (opceey), otal variants (otaly) | ceeody, ceeytey, okey, opceey, otedy, otey, oty, qokeey, ypaiiin, ytaly, yteedy | 0.08667 |
| f103r #16 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, cseol), o[fptk]e4dy (oteedy, qoteedy), o[tk]e0-4y (qokeey) | qokeey, qoteedy, tceol, yteedy | 0.08226 |
| f112r #1 | [dlrsmg]ai4m (dam, ram), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ody), o[fptk]ai4n (ceokain, otaiin, otain), o[fptk]e4dy (oteedy), o[fptk]ody (otody), o[tk]e0-4y (oty, qokeey, oteey, okeeey, okeey), oa (oar), okod variants (okody), olai0-4n (olaiin), otal variants (otal) | ceeytey, lam, okodeey, oteolain, otoar, otody, oty, qokeey, tceol, ykeeody, ypaiiin, ytaly, yteedy | 0.07886 |
| f113v #7 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin), oe0-4s (ceeos), ola (olal), otal variants (otal) | aly, ceeody, okeos, oteolain, tceol, ypaiiin, ytaly | 0.07826 |
| f107v #4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ceeody), o[fptk]ai4n (otain, okaiin), o[fptk]e4dy (qoteedy), o[tk]e0-4y (qokeey, okeey, ceoty), o-axis of [yo][fptk][ao][lr] (otol), okal variants (okal), ol[tk] (olkal), otal variants (otal) | ceeody, ceeytey, ceoty, okal, olkceo, oteotor, qokeey, qoteedy, tceol, ypaiiin, ytaly | 0.07630 |
| f112r #10 | [ao][lr][ao][lr] Pipe/Flow (aral), [yo]dy endings (cseeody), o[fptk]ai4n (okaiiin), o[fptk]c + e0-4y (okcey), o[fptk]e4dy (otedy), o[fptk]e4os (okeeos), o[fptk]o (oto), o[lr]y (ory), okal variants (okal), opal variants (opal) | alaly, okal, okeceoly, okeos, opals, otedy, oto, qopceey, ykeeody, ypaiiin | 0.07588 |
| f114v #12 | [dlrsmg]ai4m (ram), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo][fptk]e4o (oteeo, oteo), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin, otaiin, otain), o[fptk]c + e0-4y (otceey), o[tk]e0-4y (oteeey, oteey, okeey, ceoty), okal variants (okal), otal variants (otal) | ceeody, ceeytey, ceoty, lam, okal, qopceey, tceol, ykeeo, ypaiiin, ytaly | 0.07561 |
| f104v #8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol, cseor), [yo]dy endings (ceeody) | ceeody, cseeol, tceol | 0.07466 |
| f103r #15 | ce4a (ceeal, cseeal), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (otcseedy), o[tk]e0-4y (qokeey, cseokey) | ceary, ceeytey, ofceeesy, qokeey | 0.07459 |
| f108r #10 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [yo]dy endings (cseeody), o[fptk]e4dy (okedy, otedy), otal variants (otal) | otedy, tceol, ykeeody, ytaly, yteedy | 0.07442 |

Table 31.18: Highest Ranked Zodiacs for All 293 Section 5 Text Sequences

| Folio | Rosette Line | Section 5 Word Categories | Associated Rosette Line Figures | Score |
|---|---|---|---|---|
| f103r #1 | Taurus | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), ce4a (ceal), ceckey relatives (ceckey), cedai4[lrsm \| n] (cedar, ceedar), o[fptk]c + e0-4y (otcey), o[fptk]e4dy (okedy), o[tk]e0-4y (okey, otey, qokeey), okal variants (ceokal), okol variants (okol), otar variants (otar) | aly, ceal, ceckey, cedaiir, ceokal, okol, otar, otcey, oteedy, oteokeey, otey | 0.07795 |
| f103r #2 | Scorpio | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), [yo][fptk]e4od + y (okeeody), c + e4 + [fptk] Endings (cseek), o[fptk]e4dy (okeedy), o[tk]e0-4y (okey, oteey, qokeey) | ceor, ceoteey, cseek, okeedy, okeeody, oteey | 0.05363 |
| f103r #3 | Taurus | ce4a (ceal, ceeal, csear), o[fptk\| dlrsmg][ao]m (okam), o[fptk]e4dy (otedy, oteedy), o[fptk]e4os (oteeos), o[tk]e0-4y (oteey, otey, okeey, okey), okal variants (okal), otai0-4n (otaiin, otain) | ceal, cealaiin, csear, okal, okeey, orom, otaiin, otain, oteedy, oteeos, oteey, oteokeey, otey | 0.08502 |
| f103r #4 | Aries | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeor, cseol), ceptey relatives (ceptey), o[tk]e0-4y (okeey, qokeey), sai4n (saiin) | ceptey, cseol, lcseeotey, lkceol, saiin | 0.05561 |
| f103r #5 | Taurus | ceckey relatives (ceckey), o[fptk]e4dy (oteedy), o[tk]e0-4y (oty, qokeey, okeey) | ceckey, okeey, oteedy, oteokeey, oty | 0.06838 |
| f103r #6 | Gemini | o[fptk]ai4n (okaiin), o[tk]e0-4y (oteey) | okaiin, oteey | 0.02636 |
| f103r #7 | Aries | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), ceckey relatives (ceckey), ceptey relatives (ceptey), o[fptk]e4dy (okedy), okal variants (okaly), otal variants (otal), otar variants (otar) | ceptey, cseckey, cseol, okalody, okeeedy, otal, otear | 0.06028 |
| f103r #8 | Taurus | cedai4[lrsm \| n] (ceedal), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, otey, oty, okeeey, okeey, oky) | ceedal, okeey, oteedy, oteey, oteokeey, otey, oty | 0.09064 |
| f103r #9 | Taurus | ce4a (ceal), o[fptk]ai4n (okaiin), o[tk]e0-4y (okeey, qokeey), oce4y (qoceey), otai0-4n (otain) | ceal, okaiin, okeey, okoceey, otain, oteokeey | 0.10424 |
| f103r #10 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (kaiin), ce4a (ceal), c-sequence + e4 + [fptk] + c-sequence + e4 + y (cepcey), o[fptk]ai4n (okaiin), o[fptk]e4dy (otedy), o[tk]e0-4y (oteey, okeey), ora (oraiin) | ceal, ceol, cepcey, kaiin, okaiin, okeey, oteedy, oteey, oteorar | 0.12821 |
| f103r #11 | Sagittarius | o[fptk]e4dy (yteedy), o[tk]e0-4y (qokeey), old (ceoldy) | ceoldy, qokeey, yteedy | 0.07425 |
| f103r #12 | Sagittarius | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), o[fptk]e4dy (okeedy, ykeedy), o[tk]e0-4y (otey, qokeey), olai0-4n (olain) | cseeol, okeedy, oteolain, otey, qokeey, yteedy | 0.11885 |
| f103r #13 | Taurus | ceckey relatives (ceckey), o[fptk]e4dy (ykeedy), o[tk]e0-4y (okeey, oteey, qokeey) | ceckey, okeey, oteedy, oteey, oteokeey | 0.06828 |
| f103r #14 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, cseeol), o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (qokeey), otam variants (otam) | ceeol, cseeeor, cseo, otam, oteedy, oteokeey | 0.07404 |
| f103r #15 | Aries | [fptk]ai4[dlrsmg \| n] (tar), ce4a (ceeal, cseeal), o[fptk]c + e0-4dy (otcseedy), o[tk]e0-4y (qokeey, cseokey) | ceekeal, cseeal, cseokey, lcseeotey, otcsecsedy, tar | 0.11858 |
| f103r #16 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, cseol), [fptk]e0-4y (keey), o[fptk]e4dy (oteedy, qoteedy), o[tk]e0-4y (qokeey) | ceeol, ceol, cseol, keey, oteedy, oteokeey | 0.09660 |
| f103r #17 | Sagittarius | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), o[tk]e0-4y (okeey, qokeey) | ceeytey, cseeol, qokeey | 0.06072 |
| f103r #18 | Sagittarius | o[tk]e0-4y (oteey, qokeey, qoty), opce0-4y (qopceey), otal variants (otal) | ceeytey, qokeey, qopceey, qoty, ytaly | 0.11541 |
| f103v #1 | Sagittarius | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor), ce4a (ceal), o[fptk]e4dy (okeedy, ykeedy, qoteedy), o[tk]e0-4y (qoty, okeey, qokeey) | ceary, ceeytey, okeedy, qokeey, qoteedy, qoty, tceol, yteedy | 0.09032 |
| f103v #2 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), eky (ceeky), o[fptk]ai4n (okaiin), o[tk]e0-4y (okeey, oteey), sai4n (sain) | ceeky, ceeol, ceol, okaiin, okeey, oteey, sain | 0.06973 |
| f103v #3 | Cancer | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeor, cseor), ce4a (cseal), o[fptk]e4dy (otedy), o[tk]e0-4y (okeey), oc[fpt]e4y (octey) | ceoctear, cseeor, cseoctey, cseor, okeey, oteedy | 0.04931 |
| f103v #4 | Cancer | ce4a (cseeal), o[fptk]e4dy (okeedy), o[tk]e0-4y (okeey, otey, qokeey) | cseeal, doteey, okeey, oteedy, otey | 0.05782 |
| f103v #5 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), ce4a (cear), o[fptk]e4dy (oteedy), otai0-4n (otain), otal variants (otaly), otam variants (otam), otar variants (otar) | cear, cseeeor, cseo, otain, otaly, otam, otar, oteedy | 0.11508 |
| f103v #6 | Aries | ce4a (cear), ceckey relatives (ceckey), o[fptk]e4dy (oteedy), olai0-4n (olaiin), otal variants (otal) | cear, cseckeey, olaiin, otal, oteedy | 0.06885 |
| f103v #7 | Taurus | ce4a (cear), o[tk]e0-4y (qokeey), otar variants (otar) | cear, otar, oteokeey | 0.08110 |
| f103v #8 | Taurus | [fptk]ai4[dlrsmg \| n] (tar), [fptk]e0-4y (keey), a[dlrsmg]am (aram), ce4a (cseal), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, oty, qokeey, qoty, ykeey), opar variants (opar), otai0-4n (otain), otal variants (otal), otam variants (otam), otar variants (otear), sai4n (sain) | cekeeal, kal, keey, okalam, opar, otain, otal, otam, otaraldy, oteedy, oteey, oteokeey, oty, sain | 0.10819 |
| f103v #9 | Taurus | [ao][lr][ao][lr] Pipe/Flow (arar), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), c-sequence + e4 + [fptk] + e4 + y (ceekey), o[fptk]e4dy (okeedy, otedy), o[tk]e0-4y (qokeey, ykeey, okeey), otar variants (otar) | cseetey, cseo, okeedy, okeey, otar, oteedy, oteokeey, oteorar | 0.08929 |
| f103v #10 | Taurus | ce4a (cseal), ceckey relatives (ceckey), o[fptk]ai4n (ceokaiin), o[fptk]e4dy (otedy), o[tk]e0-4y (qokeey, okeey) | cealaiin, ceckey, ceokaiin, okeey, oteedy, oteokeey | 0.05550 |
| f103v #11 | Aries | [yo]dy endings (ceeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, otedy), o[tk]e0-4y (otey, oty, qokeey, ykeey, okeey, okey), opce0-4y (opceey), otal variants (otaly), sai4n (saiin) | ceeody, lcseeotey, okeeedy, okey, opceey, otaiin, otaly, otey, saiin | 0.08732 |
| f103v #12 | Cancer | o[tk]e0-4y (okeey) | okeey | 0.02245 |
| f103v #13 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol, cseor), [fptk]e0-4y (keey), aro[dlrsmg] (arol), ce4a (csealy, csear, cseeal), o[tk]e0-4y (okey, oty), oi (oiin), otar variants (otar) | arol, cealaiin, csear, cseeeor, cseol, keey, okoiin, otar, oteokeey, oty | 0.07855 |
| f103v #14 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), ce4a (ceary), ceckey relatives (ceckey), o[tk]e0-4y (okey, oky), ora (oraiin), otar variants (otar) | ceckey, cekeeal, cseol, otar, oteokeey, oteorar | 0.05713 |
| f104r #1 | Taurus | [yo][fptk]e4o (oteeo), [yo][fptk]e4od (yteeody), [yo]dy endings (otody), ce4a (cear), cedai4[lrsm \| n] (ceedal), o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oky), oa (oar), oe0-4s (os), okal variants (okal), sai4n (saiin, sain) | cear, ceedal, cetos, oaiin, okal, otalody, oteedy, oteeo, oteeodaiin, oteokeey, sain | 0.08600 |
| f104r #2 | Scorpio | [dlrsmg]ai4m (dam), cedai4[lrsm \| n] (ceedal), o-axis of [yo][fptk][ao][lr] (okor), okar variants (okar), otar variants (otar) | dam, okary, otar, salceedal, ypol | 0.02453 |
| f104r #3 | Taurus | cedai4[lrsm \| n] (ceedal), oe0-4s (os), okar variants (okar), oly (otoly) | aroly, ceedal, cetos, okar | 0.05190 |
| f104r #4 | Libra | [yo][fptk]e4od + y (okeeody), [yo]dy endings (ceeody), oc[fpt]e4y (octey), okal variants (okal), okar variants (okar), opce0-4y (opceey), otal variants (otal), otol variants (otol), sai4n (saiin), yodai0-4n (ceodaiin) | octey, oeeody, okal, okar, okeeody, opcseeytey, otalaiin, otol, saiin, ydaiin | 0.07409 |
| f104r #5 | Aries | o[fptk]e4dy (yteedy), o[tk]e0-4y (qoty), ol[tk] (olkeeody), opce0-4y (opceey), otal variants (otal) | lcseeotey, okeeedy, olkeeody, opceey, otal | 0.05232 |
| f104r #6 | Scorpio | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ceeody), cedai4[lrsm \| n] (cedar), opar variants (opair), otar variants (otar), otor variants (otor) | cedar, ceeody, ceor, opar, otar, otoreees | 0.05647 |
| f104r #7 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeor, ceol), [fptk]ai4[dlrsmg \| n] (kar), [yo]dy endings (cseeody), c \| c[fptk] + e4o (cseeo), ce4a (csear, ceal, cear), ceckey relatives (ceckey), o[fptk]c + e0-4or (otceor), okar variants (okair), otai0-4n (otain) | ceal, cear, ceckey, ceeor, ceol, csear, cseeo, kal, oqokar, otain, otalody, otceor | 0.08926 |
| f104r #8 | Taurus | c \| c[fptk] + e4o (ceeo), ce4a (cear), cedai4[lrsm \| n] (ceedar), o[fptk]e4dy (yteedy), otam variants (otam) | cear, cedaiir, cseeeo, otam, oteedy | 0.03952 |
| f104r #9 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [fptk]ai4[dlrsmg \| n] (kaiin), [yo][fptk]e4o (okeeo), [yo][fptk]e4od (okeody), ce4a (ceam, cear), cedai4[lrsm \| n] (ceedar), o[tk]e0-4y (oteey), okol variants (okol) | cealaiin, cear, cedaiir, ceeol, ceol, kaiin, okol, oteeo, oteeodaiin, oteey | 0.06450 |

| | | | | |
|---|---|---|---|---|
| f104r #10 | Pisces | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedaiin), otai0-4n (otaiin) | alody, ceedaiin, ceol, cseeeor, otaiin | 0.08872 |
| f104r #11 | Taurus | [fptk]ai4[dlrsmg \| n] (kaiin), [yo][fptk]e4od (oteody), o[fptk]ai4n (okaiin), okal variants (okal), okar variants (okar), ora (oraiin) | kaiin, okaiin, okal, okar, oteeodaiin, oteorar | 0.12414 |
| f104r #12 | Aries | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), cectey relatives (cectey), o[fptk]e4dy (yteedy), o[tk]e0-4y (qoty) | cectey, lcseeotey, lkceol, okeeedy | 0.02371 |
| f104r #13 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), o[fptk \| dlrsmg][ao]m (okam), o[tk]e0-4y (oteey, qokeey), otai0-4n (otaiin, otain) | ceeol, orom, otaiin, otain, oteey, oteokeey | 0.08711 |
| f104v #1 | Taurus | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), cedai4[lrsm \| n] (ceedaiin, ceedal), o[fptk]e4dy (qoteedy), oce4y + infixed versions (ceockey), otai0-4n (otaiin), otar variants (otair, otarar), yodai0-4n (ydaiin) | aly, cedaiir, ceedal, ceol, okoceey, otaiin, otaraldy, oteedy, oteeodaiin | 0.05523 |
| f104v #2 | Cancer | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol, cseol) | cseeol, cseol | 0.02979 |
| f104v #3 | Cancer | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeor, cseol), cedai4[lrsm \| n] (ceedaiin), eky (ceeeky), o[fptk]e4dy (oteedy, qoteedy, ykeedy), o[tk]e0-4y (qoty), oe0-4s (ceeos), otai0-4n (otaiin) | ceedaiin, ceeky, ceeor, ceteos, cseol, doteey, otaiin, oteedy | 0.06679 |
| f104v #4 | Aries | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (ceeody), c \| c[fptk] + e4o (ceeo), eky (ceeky), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteeey, qoty), sai4n (saiin) | ceeky, ceeody, cseeo, lcseeotey, lkceol, oteedy, saiin | 0.06261 |
| f104v #5 | Virgo | [dlrsmg]ai4m (ram), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), oe0-4s (ceeos) | ceeol, ceeos, ram | 0.02431 |
| f104v #6 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor), c \| c[fptk] + e4o (cseeeo), cedai4[lrsm \| n] (cedar), eka (ceekal), o[tk]e0-4y (qokeey), oce4y (qoceey), otam variants (otam) | cedaiir, ceeekaiin, ceol, cseeeo, cseeeor, cseo, okoceey, otam, oteokeey | 0.07832 |
| f104v #7 | Taurus | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeor), c \| c[fptk] + e4o (ceeo), cedai4[lrsm \| n] (ceedaiin), oce4y (qoceey), otar variants (otar), otor variants (otor), yodai0-4n (ceodaiin) | ary, cedaiir, ceeor, cseeeo, okoceey, otar, oteeodaiin, otor | 0.04275 |
| f104v #8 | Cancer | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseor, cseeol), [yo]dy endings (ceeody) | cseeol, cseo, cseor, fydy | 0.09168 |
| f104v #9 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (kaiin), [yo]dy endings (ceeody, cseeody), o[tk]e0-4y (qokeey) | ceol, kaiin, otalody, oteokeey | 0.04833 |
| f104v #10 | Taurus | [ao][lr][ao][lr] Pipe/Flow (arair), [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]ai4[dlrsmg \| n] (kaiin), cedai4[lrsm \| n] (ceedain), o[fptk]ai4n (okaiin, ceokain), o[tk]e0-4y (ykeey) | ary, cedaiir, ceeol, kaiin, okaiin, otainy, oteokeey, oteorar | 0.05865 |
| f104v #11 | Taurus | [yo]dy endings (cseeody), o[fptk]e4dy (okeedy, oteedy) | okeedy, otalody, oteedy | 0.05010 |
| f104v #12 | Gemini | c \| c[fptk] + e4o (ceeo), ce4a (cear), o[tk]e0-4y (qokeey), okam variants (okam) | ceeo, ckeal, okam, oteeykeeytey | 0.02343 |
| f104v #13 | Cancer | o[fptk]e4dy (okeeedy, oteedy), o[lr]o (orom), o[tk]e0-4y (okeeey, okeey, qokeey, qoty) | doteey, okeeey, okeey, olol, oteedy | 0.07683 |
| f105r #1 | Sagittarius | [yo]dy endings (ceeody), o[fptk]c + e0-4y (ytcey), o[fptk]e4dy (yteedy, otedy), o[tk]e0-4y (otey, qokeey), o[tk]e4s (okees) | ceeody, okees, otedy, otey, qokeey, qopceey, yteedy | 0.04615 |
| f105r #2 | Aries | [yo][fptk]e4od + y (okeeody, yteody), o[fptk]e4dy (oteedy), o[fptk]e4os (ykeeos), o[tk]e0-4y (qokeey, okeey), rai4n (raiin) | lcseeotey, okeeody, okeokeokeody, oteedy, oteosaiin, raiin | 0.04793 |
| f105r #3 | Leo | [yo][fptk]e4od + y (yteeody), do (dol) | dol, okeody | 0.01594 |
| f105r #4 | Aries | [ao][lr][ao][lr] Pipe/Flow (aral), [yo][fptk]e4od + y (yteody), [yo]dy endings (ceeody), o[fptk]e4dy (okeedy, oteedy), oe4y (oeey), ol[tk] (olkeeody), rai4n (raiin), yodai0-4l (odal) | ceeody, okeeedy, okeokeokeody, okeolol, olkeeody, oteedy, oteeodals, oteoeey, raiin | 0.07321 |
| f105r #5 | Aries | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [yo][fp][yoa](opaiin), [yo][fptk]e4od + y (okeeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, otedy, oteedy), o[tk]e0-4y (oteey, okeeey, okeey), ol[tk] (olkceo), opce0-4y (opceey), otol variants (otol), rai4n (raiin), sai4n (saiin) | cseol, lcseeotey, okeeedy, okeeody, olkeeody, opceey, opotey, otaiin, oteedy, oteey, otol, raiin, saiin | 0.06643 |
| f105r #6 | Scorpio | [dlrsmg]ai4m (dam), o[tk]e0-4y (okeeey) | ceoteey, dam | 0.02574 |
| f105r #7 | Leo | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (ceo), c \| cs + e0-4[dlrsmg] (ceeesy), o[tk]e0-4y (oky) | ceeesy, cseo, oky | 0.04499 |
| f105r #8 | Aries | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo][fp][yoa] (opair), [yo]dy endings (ceeody), o[fptk]e4dy (oteedy, qoteedy), oe0-4s (oees), opce0-4y (opceey), rai4n (raiin) | ceeody, lkceol, okeeedy, opceey, opotey, oteedy, oteosaiin, raiin | 0.06100 |
| f105r #9 | Taurus | [fptk]ai4[dlrsmg \| n] (kar), a[lr][fptk] (alkam), eky (ceeky), o[tk]e0-4y (oteey), oe0-4s (oees), okal variants (okal), okar variants (ykair), otar variants (otar) | alef, ceeky, cetos, kal, okal, oqokar, otar, oteey | 0.05868 |
| f105r #10 | Taurus | ko (kol), otai0-4n (otaiin), otam variants (otam), otar variants (otar), yodai0-4r (oteodar) | kol, otaiin, otam, otar, oteodar | 0.09006 |
| f105v #1 | Pisces | cedai4[lrsm \| n] (ceedaiin), do (dol), o[fptk]c + e0-4y (otcey), o[fptk]e4dy (oteedy), o-axis of [yo][fptk][ao][lr] (otor), okar variants (okair), otai0-4n (otaiin) | ceedaiin, dolar, okaram, otaiin, otcey, oteedy, otolal | 0.04856 |
| f105v #2 | Libra | [yo][fptk]e4od + y (oteody), o[fptk]e4dy (otedy), otar variants (otair) | otear, otedy, oteody | 0.02812 |
| f105v #3 | Taurus | [fptk]ai4[dlrsmg \| n] (kaiin, kair), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (otceey), o[fptk]e4dy (qoteedy), o[tk]e0-4y (ykeey), o[tk]e4s (okees), oe0-4s (os), okar variants (okairy), otai0-4n (otaiin), otal variants (otal), otar variants (otar), otos variants (otos), sai4n (saiin) | cetos, kaiin, kal, okaiin, okees, oqokar, otaiin, otal, otar, otcey, oteedy, oteokeey, otos, sain | 0.05374 |
| f105v #4 | Taurus | [fptk]ai4[dlrsmg \| n] (kar), o[tk]e0-4y (ykeey), okal variants (okal), okar variants (okair), ora (oraiin), otai0-4n (otaiin), otal variants (otal), yodai0-4n (ceodaiin) | kal, okal, oqokar, otaiin, otal, oteeodaiin, oteokeey, oteorar | 0.06041 |
| f105v #5 | Pisces | [yo][fp][yoa] (opair), cedai4[lrsm \| n] (ceedaiin), o[fptk]ai4n (okaiin), ol[tk] (ceolkal) | ceedaiin, ceokain, ceolkal, opys | 0.04674 |
| f105v #6 | Taurus | [fptk]ai4[dlrsmg \| n] (kair), [yo][fptk]e4o (ykeeo), c \| c[fptk] + e4o (ceeo), cedai4[lrsm \| n] (ceedain, ceedal), o[fptk]ai4n (okaiin), otar variants (otair) | cedaiir, ceedal, cseeeo, kal, okaiin, otaraldy, oteeo | 0.05456 |
| f105v #7 | Taurus | c \| cs + e0-4[dlrsmg] (cseees), o[fptk]ai4n (okaiin), o[fptk]o (oto), otar variants (otar), yodai0-4l (odal) | ****eodal, cseldy, okaiin, otar, oto | 0.06901 |
| f105v #8 | Taurus | [fptk]ai4[dlrsmg \| n] (kair), [yo]dy endings (ody), [yo]fa (ofais), c \| cs + e0-4[dlrsmg] (ces), ko (kol), o[fptk]c + e0-4y (opceey), o[fptk]e4dy (oteedy), otai0-4n (otaiin), otal variants (otal), otar variants (otar) | cseldy, kal, kol, ofacfom, otaiin, otal, otalody, otar, otcey, oteedy | 0.07150 |
| f105v #9 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), o[fptk]e4dy (okeedy), otai0-4n (otaiin), otar variants (otair), otor variants (otor), sai4n (saiin) | cseo, okeedy, otaiin, otaraldy, otor, sain | 0.07614 |
| f105v #10 | Aries | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor), [yo][fptk]e4o (oteeo), [yo][fptk]e4od + y (okeeody), [yo]dy endings (ceeody), c \| c[fptk] + e4o (cseeeo, cseeo), c \| cs + e0-4[dlrsmg] (ces), c[fptk]c polygraph (ockcey), o[fptk]ai4n (okaiin), o[tk]e0-4y (oteey, okeey), oa (oaiir), okol variants (okol), ol[tk] (olkal), otai0-4n (otaiin), otar variants (otair) | ceeody, ces, cseeeokeeo, cseeo, lcseeotey, lkceol, oaiir, ockcey, okeeody, okol, olkeeody, otaiin, otear, oteey | 0.08035 |
| f106r #1 | Virgo | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [yo][fptk]e4od + y (yteeody), eky (cseeky), o[fptk]e4dy (qoteedy, yteedy), oe0-4s (ceeos) | ceeos, ceokeedy, cseeeoeky, cseol, oteeod, yteedy | 0.05187 |
| f106r #2 | Virgo | [dlrsmg]ai4m (ram), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol, cseeor, cseol, cseor), ce4a (cear), o[fptk]ai4n (okaiin), rai4n (raiin) | ceal, ceeos, cseol, okaiiiny, raiin, ram | 0.04421 |
| f106r #3 | Pisces | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), o[fptk]e4dy (oteedy, qoteedy) | ceol, oteedy | 0.04652 |
| f106r #4 | Virgo | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), o[fptk]e4dy (otedy), o[lr]y (ceeoly), o[tk]e0-4y (okeey, ceeokey), o[tk]e4s (okees), rai4n (raiin) | ceeol, ceokeedy, cseeoty, okees, okeey, okeory, raiin | 0.09495 |
| f106r #5 | Taurus | c \| c[fptk] + e4o (cseeo), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (otceey), o[tk]e0-4y (otey), opal variants (opal), otal variants (otal) | cseeo, okaiin, opalar, otal, otcey, otey | 0.08542 |
| f106r #6 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol, ceor), aro[dlrsmg] (arol), cedai4[lrsm \| n] (ceedar), oi (oin), okol variants (okol), otar variants (otar, ceotar), sai4n (sain) | arol, cedaiir, cseeeor, cseol, okoiin, okol, otar, otaraldy, sain | 0.08165 |
| f106r #7 | Virgo | c \| c[fptk] + e4o (ceeo), o[fptk]e4dy (okeedy), o[tk]e0-4y (qokeey, qoty), otol variants (otol) | ceeo, cseeoty, okeedy, otol | 0.03705 |
| f106r #8 | Libra | o[fptk]e4dy (otedy) | otedy | 0.01682 |
| f106r #9 | Pisces | c \| c[fptk] + e4o (ceo), ce4a (cseear), cedai4[lrsm \| n] (ceedar), otai0-4n (otaiin) | cealaly, ceedaiin, ceo, otaiin | 0.04480 |
| f106r #10 | Aries | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeeor, ceeol, cseeol, cseor), c \| c[fptk] + e4o (cseeo, ceo), o[fptk]ai4n (ceokaiin, okaiin), o[lr]a (oraiin), okal variants (okal, ykal), oly (ceeoly), rai4n (raiin), sai4n (saiin) | cseeo, lkceol, okalody, okoly, otaiin, otolaiin, raiin, saiin | 0.06778 |
| f106r #11 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [yo]dy endings (cseeody), ceckey relatives (ceckey), o[fptk]ai4n (ceokaiin), okal variants (okaly) | ceckey, ceokaiin, cseo, okalam, otalody | 0.06852 |
| f106r #12 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), c-sequence + e4 + [fptk] + c-sequence + e4 + y (cepcey), o[fptk]ai4n (okaiin) | cepcey, cseo, okaiin | 0.06115 |
| f106r #13 | Aries | okal variants (okalal), otai0-4n (otaiin) | okalal, otaiin | 0.04380 |
| f106r #14 | Leo | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [yo][fptk]e4od + y (cseoteeody), [yo]dy endings (ceeody), do (dol), o[fptk]ai4n (okaiin) | ***ofaiin, *keody, ceol, cseoleey, dol, okeody | 0.03564 |
| f106r #15 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeor, cseeol, cseol), [fptk]ai4[dlrsmg \| n] (kaiin, kair), ce4a (cear), eka (ceekal), o[fptk]e4dy (otedy), o[tk]e0-4y (oty, qoty, oky), okal variants (okal), otai0-4n (otaiin), otar variants (otair, otar) | cear, ceeekaiin, ceeor, cseeeor, cseol, kaiin, kal, okal, otaiin, otar, otaraldy, oteedy, oteokeey, oty | 0.07735 |
| f106v #1 | Taurus | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly, daly), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor), [fptk]ai4[dlrsmg \| n] (kar), [yo][fptk]e4o (oteo), c \| c[fptk] + e4o (cseeo), o[fptk]c + e0-4y (ceopcey), okar variants (okar), otar variants (otair, otar) | aly, ary, cseeeor, cseeo, kal, okar, otar, otaraldy, otcey, oteo | 0.07403 |
| f106v #2 | Cancer | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (ceeo, cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [yo]dy endings (cseeody), ce4a (cseeal), oc[fpt]e4y (octey), oe4y (oeey), orai0-4n (oraiin), otai0-4n (otaiin) | cseeal, cseo, cseoctey, cseol, fydy, opoeey, oraiin, otaiin | 0.06871 |
| f106v #3 | Scorpio | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]ai4[dlrsmg \| n] (kar), o[tk]e0-4y (oteey) | ceor, kar, oteey | 0.04445 |
| f106v #4 | Taurus | [fptk]ai4[dlrsmg \| n] (kaiin), [yo][fptk]e4od (oteeody), a[lr][fptk] (alkam), ce4a (cear), o[fptk]ai4n (ceokaiin), otal variants (otal), otam variants (otam) | alef, cear, ceokaiin, kaiin, otal, otam, oteeodaiin | 0.05737 |
| f106v #5 | Virgo | [fptk]ai4[dlrsmg \| n] (kair), o[fptk]c + e0-4dy (otcseedy), otal variants (ceotal) | ceotal, kair, otcseedy | 0.04120 |
| f106v #6 | Aries | oe sans oy + oe4y, oe0-4s (oeedy), olai0-4n (olaiin), otai0-4n (otaiin), otal variants (otal), sai4n (sain) | *oeky, olaiin, otaiin, otal, saiin | 0.08671 |
| f106v #7 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseor), c \| c[fptk] + e4o (ceeo, cseeeo), okal variants (okal), osa (osaiin) | cseeeo, cseeeor, okal, okeosar | 0.06375 |
| f106v #8 | Pisces | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor, cseeol, cseor), a[lr]an (saraiin), ce4a (csear), o[fptk]e4dy (okeedy), o[lr]a (oraiin), okal variants (okal), okar variants (ykair) | alain, ceol, ceotear, cseeeor, okal, oteedy, ykair, ykolaiin | 0.07536 |
| f106v #9 | Virgo | [fptk]ai4[dlrsmg \| n] (tar), o[tk]e0-4y (qokeey), okal variants (okal), opce0-4y (ceopcey) | ceopcey, cseeoty, kair, okal | 0.05457 |

| | | | | |
|---|---|---|---|---|
| f106v #10 | Cancer | [yo][fptk]e4od + y (oteody), o[fptk]e4dy (oteedy), o[tk]e0-4y (oty, ceoty, okeey), oce4y (okoceey), oe0-4s (ceeos), oi (oin), otai0-4n (otaiin, otain), otar variants (ceotar) | ceoty, ceteos, doteey, oceey, oin, okeey, otaiin, oteedy, oteody, ytairal | 0.09752 |
| f106v #11 | Taurus | [yo]dy endings (ody), eky (cseeky) | cseeeolody, cseeky | 0.02737 |
| f106v #12 | Taurus | o[fptk]ai4n (okaiin), o[tk]e0-4y (qokeey), otor variants (otor), otos variants (otos), yodai0-4l (odal) | ****eodal, okaiin, oteolkeey, otor, otos | 0.05229 |
| f106v #13 | Virgo | c \| c[fptk] + e4o (ceeo), o[fptk]c + e0-4y (otceey), o[tk]e0-4y (oty, qokeey), rai4n (raiin) | ceeo, cseeoty, ofceeey, oty, raiin | 0.05602 |
| f106v #14 | Taurus | [fptk]ai4[dlrsmg \| n] (kaiin), [yo]dy endings (cseeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (otedy, qoteedy), o[tk]e0-4y (oteey, ceoty) | kaiin, okaiin, otalody, oteedy, oteey, oteolkeey | 0.07626 |
| f106v #15 | Taurus | [fptk]e0-4y (keey), [yo][fptk]e4o (okeeo), ce4a (ceal), cedai4[lrsm \| n] (ceedar), o[fptk]e4dy (otedy, oteedy, qoteedy), o[tk]e0-4y (okeeey, oty, oteey, okeey, oky), o-axis of [yo][fptk][ao][lr] (otol), okal variants (okal), otai0-4n (otaiin) | ceal, cedaiir, keey, okal, okeey, okolar, otaiin, oteedy, oteeo, oteey, oteolkeey, oty | 0.08773 |
| f107r #1 | Aries | o[tk]e0-4y (oteey, okeey), o[tk]e4s (okees), otai0-4n (otaiin), otor variants (otor), rai4n (raiin) | lcseeotey, otaiin, oteesceey, oteey, otor, raiin | 0.05434 |
| f107r #2 | Taurus | [tk]e4o (teeody), ceckey relatives (ceckey), cedai4[lrsm \| n] (ceedaiin, ceedain), o[fptk]ai4n (okaiin), o[fptk]e4dy (okeedy), o[tk]e0-4y (oteeey, oteey), otai0-4n (otaiin), otar variants (otar) | ceckey, cedaiir, okaiin, okeedy, otaiin, otar, oteey, oteolkeey, teeody | 0.07452 |
| f107r #3 | Taurus | ce4a (ceal, cseeal), o[fptk]ai4n (okaiin), o[fptk]e4dy (okeedy, yteedy), o[tk]e0-4y (qokeey, okeey), oi (okoiin) | ceal, cekeeal, okaiin, okeedy, okeey, okoiin, oteedy, oteolkeey | 0.05467 |
| f107r #4 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (cseal), eky (cseeky), o[tk]e0-4y (okeeey), oi (oiin), otai0-4n (otain), otar variants (otar, otaral), yodai0-4l (otodal) | ****eodal, cealaiin, ceeol, cseeky, okoiin, otain, otar, otaraldy, oteolkeey | 0.09073 |
| f107r #5 | Pisces | oe0-4s (cseos, os), opc + e4ol (opceeol), otai0-4n (otaiin), otal variants (otalar) | opceeol, otaiin, otalar, oteosal | 0.08798 |
| f107r #6 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (kaiin, tar), ai0-4[dlrsmg][dlrsmg] (aldy), o[tk]e0-4y (okeeey), oa (oaiin), opal variants (opal) | ceol, kaiin, kal, oaiin, opalar, otaraldy, oteolkeey | 0.06249 |
| f107r #7 | Cancer | [yo][fptk]e4o (okeeo), ce4a (csear), o[fptk]ai4n (okaiiin, okaiin), okar variants (okair), ola (olal), yodai0-4n (ceodaiin) | ceoctear, oeeeodaiin, okaiiin, okarar, okeeo, opoiiin, ykeolal | 0.07427 |
| f107r #8 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]ai4[dlrsmg \| n] (kaiin, kair, kal), [yo]dy endings (ceeody), ce4a (ceal, cear), okal variants (okal), otar variants (otair) | ceal, cear, ceeol, kaiin, kal, okal, otalody, otaraldy | 0.09454 |
| f107r #9 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [fptk]ai4[dlrsmg \| n] (kal, kar), o[fptk]c + e0-4y (otceey), okal variants (ykal), otar variants (otar) | cseol, kal, okalam, otar, otcey | 0.06257 |
| f107r #10 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), [fptk]ai4[dlrsmg \| n] (kaiin, kal), c \| c[fptk] + e4o (ceeo), ce4a (cseal), o[fptk]ai4n (okaiin), okal variants (okal), okar variants (okar), opal variants (opal), otar variants (otar) | cekeeal, cseeeo, cseeeor, kaiin, kal, okaiin, okal, okar, opalar, otar | 0.08568 |
| f107r #11 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor), [fptk]ai4[dlrsmg \| n] (kaiin), ceckey relatives (ceckey), o[fptk]ai4n (okaiin), otai0-4n (otaiin), otar variants (otar) | ceckey, ceol, cseeeor, kaiin, okaiin, otaiin, otar | 0.05837 |
| f107r #12 | Taurus | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), c \| c[fptk] + e4o (ceo), ce4a (ceal), o[fptk]ai4n (okaiin), o[fptk]e4dy (qoteedy), oi (oiin), okal variants (okal), ol[tk] (olkar), otal variants (otal), otam variants (otam), otar variants (otair) | aly, ceal, ceeol, ceeolky, cseeeo, okaiin, okal, okoiin, otal, otam, otaraldy, oteedy | 0.10983 |
| f107r #13 | Taurus | [fptk]ai4[dlrsmg \| n] (kaiin), [yo]dy endings (cseeody), a[dlrsmg]am (aram), o[tk]e0-4y (okeey, oteey), otai0-4n (ceotaiin), otal variants (otal) | kaiin, okalam, okeey, otainy, otal, otalody, oteey | 0.08054 |
| f107r #14 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeor), [fptk]ai4[dlrsmg \| n] (kaiin), opal variants (opal), otai0-4n (otaiin), otal variants (otal) | ceeor, kaiin, opalar, otaiin, otal | 0.07182 |
| f107r #15 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (tar), o[fptk]c + e0-4y (otcey), o[tk]e0-4y (oty), okar variants (okair), otai0-4n (otaiin, otain), otal variants (otal) | ceol, kal, oqokar, otaiin, otain, otal, otcey, oty | 0.08303 |
| f107v #1 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [fptk]ai4[dlrsmg \| n] (kal), [yo]dy endings (alody), eky (ceeky), o[fptk]e4dy (otedy), o[fptk]e4os (oteos), oce4y + infixed versions (cseoctey), otai0-4n (otaiin), otal variants (otal), otar variants (otar), sai4n (sain) | ceeky, cseol, kal, okoceey, otaiin, otal, otalody, otar, oteedy, oteos, sain | 0.10502 |
| f107v #2 | Taurus | c \| c[fptk] + e4o (cseeo), o[fptk]ai4n (okaiin), o[tk]e0-4y (oky, qokeey) | cseeo, okaiin, oteolkeey | 0.04751 |
| f107v #3 | Aries | [fptk]ai4[dlrsmg \| n] (tar), sai4n (saiin) | saiin, tar | 0.02865 |
| f107v #4 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (kaiin), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (qoteedy), o[tk]e0-4y (qokeey, okeey, ceoty), o-axis of [yo][fptk][ao][lr] (otol), okal variants (okal), ol[tk] (olkal), otai0-4n (otain), otal variants (otal), otam variants (otam) | ceeolky, ceol, kaiin, okaiin, okal, okeey, okolar, otain, otal, otalody, otam, oteedy, oteolkeey | 0.09621 |
| f107v #5 | Taurus | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor), [yo][fp]ai0-4[rn] (opaiin), [yo][fptk]e4od (qokeody), ceckey relatives (ceckey), o[fptk]ai4n (okaiin), o[fptk]e4dy (otedy), okal variants (okal), olai0-4n (olaiin), otai0-4n (otaiin), sai4n (saiin) | aly, ceckey, ceeol, ceol, cseeeor, cseeolaiin, ofaralar, okaiin, okal, otaiin, oteedy, oteeodaiin, sain | 0.14680 |
| f107v #6 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (kaiin, kal), [yo]dy endings (ceeody), cedai4[lrsm \| n] (cedar), o[fptk]ai4n (okaiin), okal variants (okal), ol[tk] (olkal), olai0-4n (olaiin), opal variants (opal), otal variants (otal), otar variants (otar) | cedaiir, ceeolky, ceol, cseeolaiin, kaiin, kal, okaiin, okal, opalar, otal, otalody, otar | 0.13340 |
| f107v #7 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), ce4a (cear), olai0-4n (olaiin), otal variants (otal), otas variants (otas) | cear, ceol, cseeolaiin, otal, otas | 0.11916 |
| f107v #8 | Virgo | [dlrsmg]ai4m (ram), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, cseeor), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin), o[tk]e0-4y (oty), okol variants (okol), opce0-4y (opceey), orai0-4n (oraiin), otal variants (otal) | ceeo, ceeol, ceeos, ceopcey, ceotal, okaiiiny, okol, oraiin, oty, ram, yteody | 0.07413 |
| f107v #9 | Gemini | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin), o[tk]e0-4y (qokeey, qoty), otai0-4n (otaiin) | ceol, okaiin, okyd, otaiin, qotceody | 0.05516 |
| f107v #10 | Aries | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo][fptk]e4od + y (okeeody), ai0-4[dlrsmg][dlrsmg] (aldy), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (otceey), o[fptk]e4dy (okedy), oa (oaiin), otai0-4n (otaiin), rai4n (raiin) | lkceol, okeeedy, okeeody, opceey, otaiin, oteeodals, otokeoar, raiin | 0.09557 |
| f107v #11 | Cancer | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), okar variants (okar) | cseeol, okar | 0.03374 |
| f107v #12 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeor), ce4a (ceeary), o[fptk]ai4n (okaiin), o[tk]e0-4y (oteey), okal variants (okal) | cealaiin, ceeor, okaiin, okal, oteey | 0.07953 |
| f107v #13 | Cancer | [fptk]e0-4y (keey), [yo][fptk]e4o (okeeo), o[tk]e0-4y (oteey, qokeey) | doteey, okeeo, oteey, teey | 0.06936 |
| f107v #14 | Sagittarius | o[tk]e0-4y (qokeey), opce0-4y (opceey) | opceey, qokeey | 0.09086 |
| f107v #15 | Aries | o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, qokeey), oe4y (okoey), otai0-4n (otain), sai4n (saiin) | lcseeotey, otaiin, oteedy, oteey, oteoeey, saiin | 0.06058 |
| f108r #1 | Pisces | [yo][fptk]e4od + y (oteeody), [yo]dy endings (ody), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (ofcedy), o[fptk]e4dy (otedy, okedy), o[fptk]eda[lrsm \| n] (okedal), oly (okeeoly), otai0-4n (otaiin), otal variants (otal) | ody, okeoly, otaiin, otal, otcey, oteedar, oteedy, oteeody | 0.07036 |
| f108r #2 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), c \| c[fptk] + e4o (ceeo), ce4a (cear), cedai4[lrsm \| n] (cedar), o[fptk]e4dy (okedy, otedy), o[tk]e0-4y (oteey, qokeey, okeey), o-axis of [yo][fptk][ao][lr] (otol), okar variants (okar) | cear, cedaiir, ceeol, cseeeo, okar, okeey, okolar, oteedy, oteey, oteolkeey | 0.09244 |
| f108r #3 | Scorpio | [yo]dy endings (ody), cedai4[lrsm \| n] (ceedain), eka (ceekar), o[fptk]e4dy (okedy, okeedy, ykeedy), o[tk]e0-4y (oteey, okeey, okey), otal variants (otal) | ceedain, ceetceody, ceoteey, cseekal, okedy, okeedy, okeey, otal, oteey, oyteedy | 0.07146 |
| f108r #4 | Gemini | [yo][fptk]e4o (ykeeo), [yo][fptk]e4od (oteeody), o[fptk]ai4n (okaiin), o[tk]e0-4y (okeey, ykeey), okal variants (okal), otal variants (otal) | okaiin, okal, okeey, okeo, okyd, otal, qokeodal | 0.08734 |
| f108r #5 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol, cseor), [yo]fa (ofal), ceckey relatives (ceckey), o[tk]e0-4y (qokeey) | ceckey, cseeeor, cseol, ofacfom, oteolkeey | 0.04318 |
| f108r #6 | Virgo | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), ce4a (ceal), o[fptk]e4dy (otedy, okedy, okeedy), okol variants (okol), rai4n (raiin) | ceal, ceeos, ceokeedy, okedy, okeedy, okol, raiin | 0.06466 |
| f108r #7 | Gemini | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), okal variants (cseokal), otal variants (otal) | ceeol, cseokal, otal | 0.04971 |
| f108r #8 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (ceal, cear), cedai4[lrsm \| n] (cedar), o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy), o[tk]e0-4y (okeey, qokeey), okal variants (okal), otai0-4n (otaiin), sai4n (sain) | ceal, cear, cedaiir, ceeol, okaiin, okal, okeey, otaiin, oteedy, oteolkeey, sain | 0.08612 |
| f108r #9 | Libra | cedai4[lrsm \| n] (ceedal), o[fptk]e4dy (okedy, okeedy, otedy), sai4n (saiin) | csedary, otedy, saiin, ykeedy | 0.07090 |
| f108r #10 | Leo | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [yo]dy endings (cseeody), o[fptk]e4dy (okedy, otedy), okar variants (okar), otal variants (otal) | cseeody, cseokeedy, cseol, okary, okedy, otaly | 0.09734 |
| f108r #11 | Scorpio | [yo]pa (opalal), cedai4[lrsm \| n] (cedar, ceedal), o[fptk]c + e0-4y (opceey), o[fptk]e4dy (okedy, okeedy) | cedar, ceotcey, okedy, okeedy, opar, salceedal | 0.07696 |
| f108r #12 | Virgo | [dlrsmg]ai4m (ram), o[fptk]e4dy (otedy), o[tk]e0-4y (qokeey, okeey) | ceokeedy, cseeoty, okeey, ram | 0.05359 |
| f108r #13 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]ce4y (yceey), [yo]dy endings (ceeody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]e4dy (ceokeedy, okedy, okeedy, otedy, oteedy), o[tk]e0-4y (qokeey, yty, okeey, okey), okar variants (okar), ola (olal), om (okeeom), otai0-4n (otain), otam variants (otam), otar variants (otarar) | cedaiir, ceedal, ceol, cseeolaiin, cseo, ofacfom, okar, okeedy, okeey, okoceey, otain, otalody, otam, otaraldy, oteedy, oteolkeey | 0.10781 |
| f108r #14 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), [fptk]e0-4y (keey), a[dlrsmg]am (okaram), cedai4[lrsm \| n] (cedar), o[fptk\| dlrsmg][ao]m (okam), o[fptk]e4dy (okedy, otedy, oteedy, yteedy), o[tk]e0-4y (qokeey, okeey) | cedaiir, cseeeor, keey, okalam, okeey, orom, oteedy, oteolkeey | 0.08431 |
| f108v #1 | Leo | [yo][fptk]e4o (oteo), ce4a (cseal), o[fptk]e4dy (qoteedy, otedy), o[fptk]edar (otedar), o[tk]e0-4y (oteey), okam variants (okam) | cseokeedy, dceal, okam, otedar, oteey, ykeeo | 0.05401 |
| f108v #2 | Taurus | [ao][lr][ao][lr] Pipe/Flow (aral), cedai4[lrsm \| n] (ceedal), ko (kol), o[fptk]e4dy (oteedy, okedy, okeedy), o[tk]e0-4y (okeey, otey, oty, qokeey), okal variants (okal), okar variants (okar, okair), sai4n (sain) | ceedal, kol, okal, okar, okeedy, okeey, oqokar, oteedy, oteolkeey, oteorar, otey, oty, sain | 0.07929 |
| f108v #3 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [tk]e4o (teeody), ceckey relatives (ceckey), o[tk]e0-4y (okeey, qokeey), olai0-4n (olaiin) | ceckey, ceeol, cseeolaiin, okeey, oteolkeey, teeody | 0.08622 |
| f108v #4 | Leo | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), o[fptk]e4dy (okedy), o[tk]e0-4y (okeey, okey, oty, qokeey), otal variants (otal) | cseoleey, okedy, okeey, okey, okyeecsey, otaly, oty | 0.05154 |
| f108v #5 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, cseol), [yo]dy endings (ceeody), a[dlrsmg]am (okalam), c \| c[fptk] + e4o (ceo, cseeeo, cseeo), ce4a (cear, ceeal), ceckey relatives (ceckey), cedai4[lrsm \| n] (ceedar), eky (ceeeky), o[fptk]ai4n (okaiin), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (otcseedy), o[fptk]e4dy (otedy), o[tk]e0-4y (okeey), okal variants (okal), okar variants (okar), otai0-4n (otaiin), otar variants (otar) | cealaiin, cear, ceckey, cedaiir, ceeol, cseeeo, cseeky, cseeo, cseol, okaiin, okal, okalam, okar, okeey, otaiin, otalody, otar, otceody, oteedy | 0.07664 |
| f108v #6 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), otai0-4n (otain) | ceeol, ceol, otain | 0.04761 |

| | | | | |
|---|---|---|---|---|
| f108v #7 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), cedai4[lrsm \| n] (ceedar), o[fptk]e4dy (otedy, oteedy, qoteedy), o[tk]e0-4y (oteey), sai4n (sain) | cedaiir, ceeol, oteedy, oteey, sain | 0.06061 |
| f108v #8 | Taurus | [ao][lr][ao][lr] Pipe/Flow (aral), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, ceor, cseeol, cseeor), [fptk]ai4[dlrsmg \| n] (kar, tar), [yo][fptk]e4od (okeody), ce4a (cseeal, cseear, ceal, ceeal), cedai4[lrsm \| n] (ceedaiin, ceedar), o[fptk]e4dy (okeedy, otedy, oteedy, qoteedy), o[tk]e0-4y (ykeey, oteey, qokeey, okey, okeey, ceoteey), oce4y (oceey), oe0-4s (ys), otai0-4n (otaiin), otal variants (otal), otam variants (otam), sai4n (saiin, sain) | ceal, cealaiin, cedaiir, ceeol, ceol, cseeeor, kal, oceey, okeedy, okeey, opalar, otaiin, otal, otam, oteedy, oteeodaiin, oteey, oteokeey, sain, ys | 0.11642 |
| f111r #1 | Taurus | ce4a (ceal, csear, cseear), ceckey relatives (ceckey), cedai4[lrsm \| n] (cedar), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, qokeey, okeey), otai0-4n (otain), sai4n (saiin) | ceal, ceckey, cedaiir, cekeeal, csear, okeey, otain, oteedy, oteey, oteokeey, sain | 0.08689 |
| f111r #2 | Taurus | [ao][lr][ao][lr] Pipe/Flow (alal), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol, cseeor), [fptk]ai4[ dlrsmg \| n] (kal, tar), [fptk]e0-4y (teey, tey), [yo][fptk]e4o (oteo, okeeo), [yo][fptk]e4od (oteodaiin, oteody, qokeody), c \| c[fptk] + e4o (ceeo, ceo), ce4a (cseear, ceeal, cear), ceckey relatives (ceckey), cedai4[lrsm \| n] (ceedain, ceedar), eka (cseekal), eky (ceeky), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (otcseedy), o[fptk]e4dy (otedy, oteedy, qoteedy, okeedy, okeeedy), o[tk]e0-4y (otey, oty, oteeey, oteey, ykeey, qokeey, okeey, okey), o[tk]e4s (otes), oa (oaiin), oce4y (oceey, qoceey), oe0-4s (ceeos), okar variants (okar), ol[tk] (olkal), olai0-4n (olain), ora (oraiin), otam variants (otam), otar variants (otar), sai4n (saiin, sain) | cear, ceckey, cedaiir, ceeekaiin, ceeky, ceeol, ceeolky, cekeeal, ceol, cetos, cseeeo, cseeeor, cseeolaiin, kal, oaiin, oceey, okar, okeedy, okees, okeey, okoceey, opalar, otam, otar, otceody, oteedy, oteeo, oteeodaiin, oteey, oteo, oteokeey, oteorar, otey, oty, sain, teeey, teey | 0.07506 |
| f111r #3 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]e0-4y (keey), [yo][fptk]e4o (okeeo), [yo]dy endings (ceeody), c \| c[fptk] + e4o (ceo), ceckey relatives (ceckey), cedai4[lrsm \| n] (ceedain), o[fptk]c + e0-4y (qopceey), o[fptk]e4dy (otedy, oteedy, okedy, okeedy), o[tk]e0-4y (qokeey, okeey), otar variants (otaral), sai4n (saiin) | ceckey, cedaiir, ceol, cseeeo, keey, okeedy, okeey, otalody, otaraldy, otcey, oteedy, oteeo, oteokeey, sain | 0.06502 |
| f111r #4 | Taurus | [fptk]e0-4y (keey), [yo][fptk]e4o (okeeo), c \| c[fptk] + e4o (cseeo), ce4a (ceeal, cseal), o[fptk]e4dy (qoteedy), o[tk]e0-4y (okeey, oty, qokeey) | cealaiin, cekeeal, cseeo, keey, okeey, oteedy, oteeo, oteokeey, oty | 0.06191 |
| f111r #5 | Taurus | [fptk]ai4[dlrsmg \| n] (kal), ce4a (ceeal), ceckey relatives (ceckey), o[tk]e0-4y (okeey, qokeey) | cealaiin, ceckey, kal, okeey, oteokeey | 0.08072 |
| f111r #6 | Aries | [fptk]ai4[dlrsmg \| n] (kar), ce4a (cear, cseeal), ceckey relatives (ceckey), cectey relatives (cectey), o[fptk]c + e0-4y (okcey), o[tk]e0-4y (qokeey), okal variants (okal), otai0-4n (otain), rai4n (raiin), sai4n (sain) | cear, cectey, cseckeey, cseeal, lcseeotey, okalody, okcey, otaiin, raiin, saiin, tar | 0.08408 |
| f111v #1 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeeor, cseeol, ceeol, ceol), [fptk]ai4[dlrsmg \| n] (tar), [yo][fptk]e4o (oteeo, okeeo), c \| c[fptk] + e4o (ceeo), ce4a (cseal, csear, ceal, ceeal), ceckey relatives (ceckey, cseckeey), cedai4[lrsm \| n] (ceedain, ceedar), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (otceey), o[fptk]e4dy (otedy, oteedy, okedy), o[tk]e0-4y (okeeey, qokeey, okeey), oa (oaiin), okar variants (okar), okc + e4or (okceor), otai0-4n (otain), otal variants (otal), otar variants (otar), sai4n (saiin) | ceal, cealaiin, ceckey, cedaiir, ceeol, cekeeal, ceol, cseeeo, cseeeor, cseo, kal, oaiin, okaiin, okar, okceor, okeey, otain, otal, otar, otcey, oteedy, oteeo, oteokeey, sain | 0.09477 |
| f111v #2 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]ai4[dlrsmg \| n] (kaiin), c \| c[fptk] + e4o (cseeo), ce4a (csear, cear, ceeal), o[fptk]ai4n (okaiin), okal variants (okal), otai0-4n (otain), sai4n (saiin) | cear, ceeol, cekeeal, csear, cseeo, kaiin, okaiin, okal, otain, sain | 0.04856 |
| f111v #3 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeor), [fptk]ai4[dlrsmg \| n] (kal), o[fptk]c + e0-4y (qopceey), ol[tk] (olkar), otai0-4n (otain) | ceeolky, ceeor, kal, otain, otcey | 0.04811 |
| f111v #4 | Taurus | o[fptk]c + e0-4y (otceey), o[tk]e0-4y (qokeey), otai0-4n (otain) | otain, otcey, oteokeey | 0.05151 |
| f111v #5 | Cancer | ce4a (ceal, ceeal) | ceeal, ceoctear | 0.04425 |
| f111v #6 | Aries | [fptk]ai4[dlrsmg \| n] (tar), ce4a (cear, ceeal) | cear, cekeeal, tar | 0.05700 |
| f111v #7 | Gemini | [tk]e4o (teody), o[fptk]ai4n (okaiin), okar variants (okar), otar variants (otar) | keodal, okaiin, okar, otar | 0.05030 |
| f111v #8 | Taurus | ce4a (csear), ceckey relatives (ceckey), o[fptk]ai4n (ceokain, okaiin), o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (oteey, qokeey), oa (oaiin), olai0-4n (olaiin), otai0-4n (otain), otam variants (ceotam) | ceckey, ceotam, csear, cseeolaiin, oaiin, okaiin, okeedy, otain, otainy, oteedy, oteey, oteokeey | 0.06940 |
| f111v #9 | Aries | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), ce4a (cseeal), ceckey relatives (ceckey), o[fptk]e4dy (okeeedy), o[tk]e0-4y (okeeey, qokeey), olai0-4n (olain), opce0-4y (opceey), sai4n (sain) | aly, cseckeey, cseeal, lcseeotey, okeeedy, opceey, otolaiin, saiin | 0.06839 |
| f111v #10 | Taurus | ce4a (ceal, ceeal), ceckey relatives (ceckey), o[tk]e0-4y (okeey, ceoty), okal variants (okalaiin), otai0-4n (otain), sai4n (sain) | ceal, cealaiin, ceckey, okalam, okeey, otain, oteokeey, sain | 0.08375 |
| f112r #1 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]e0-4y (keey), [yo]dy endings (ody, okody, otody), cedai4[lrsm \| n] (ceedal, ceedar), o[fptk]ai4n (ceokain), o[fptk]e4dy (oteedy), o[tk]e0-4y (otey, oty, qokeey, okeeey, okeey), oa (oar), okar variants (ykair), olai0-4n (olaiin), otai0-4n (otaiin, otain), otal variants (otal), otar variants (otar, otair), sai4n (saiin) | cedaiir, ceedal, ceol, cseeolaiin, keey, oaiin, okeey, oqokar, otaiin, otain, otainy, otal, otalody, otar, otaraldy, oteedy, oteey, oteokeey, oty, sain | 0.13485 |
| f112r #2 | Aries | cectey relatives (cectey), o[fptk]e4dy (oteedy, okeedy), o[tk]e0-4y (okeey, oteey, otey, qokeey, ceoty), otai0-4n (otaiin) | cectey, lcseeotey, okeeedy, otaiin, oteedy, oteey, otey | 0.12565 |
| f112r #3 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseol), [fptk]e0-4y (teey), c \| c[fptk] + e4o (ceeo), ce4a (ceam), Detached Class Modifiers (csee), o[fptk]e4dy (okedy, otedy), o[tk]e0-4y (qokeey), oce4y + infixed versions (octey), okal variants (okal), otai0-4n (otain), sai4n (saiin) | cealaiin, csee, cseeeo, cseol, okal, okoceey, otain, oteedy, oteokeey, sain, teey | 0.07286 |
| f112r #4 | Aries | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [y o]dy endings (ody), eky (cseeky), o[fptk]e4dy (okeedy, qoteedy), o[tk]e0-4y (okeeey, qokeey), otal variants (otaly), rai4n (raiin), sai4n (saiin) | araydy, lcseeotey, lkceol, okeeedy, otaleky, otaly, raiin, saiin | 0.07040 |
| f112r #5 | Sagittarius | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor), o[fptk]e4dy (okeedy, otedy), o[tk]e0-4y (oty, okey) | okeedy, okey, otedy, oty, tceol | 0.05136 |
| f112r #6 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[ dlrsmg \| n] (tar), [yo][fptk]e4od (okeody), ceckey relatives (ceckey), o[fptk]ai4n (okaiin), o[fptk]e4dy (oteedy), o[tk]e0-4y (oteey, qokeey, ceeokey) | ceckey, ceol, kal, okaiin, oteedy, oteeodaiin, oteey, oteokeey | 0.06218 |
| f112r #7 | Taurus | cedai4[lrsm \| n] (ceedal), o[fptk]ai4n (okaiin), o[tk]e0-4y (oteey), otai0-4n (otain) | ceedal, okaiin, otain, oteey | 0.06419 |
| f112r #8 | Taurus | a[dlrsmg]am (aram), o[fptk]e4dy (okeedy, otedy), o[tk]e0-4y (okeey), olai0-4n (olaiin), sai4n (sain) | cseeolaiin, okalam, okeedy, okeey, oteedy, sain | 0.09140 |
| f112r #9 | Virgo | [yo][fptk]e4od + y (okeody), o[fptk]ai4n (okaiin), o[fptk]e4dy (oteedy, okedy, okeedy), o[tk]e0-4y (okeey), okal variants (okal) | ceokeedy, okaiiiny, okal, okedy, okeedy, okeey, okeody | 0.12514 |
| f112r #10 | Taurus | [ao][lr][ao][lr] Pipe/Flow (aral), [yo]dy endings (cseeody), o[fptk]ai4n (okaiiin), o[fptk]c + e0-4y (okcey), o[fptk]e4dy (otedy), o[fptk]e4os (okeeos), o[fptk]o (oto), o[lr]y (ory), okal variants (okal), okar variants (okar), opal variants (opal), sai4n (sain) | aroly, okal, okar, okeeos, opalar, otainy, otalody, otcey, oteedy, oto, sain | 0.09964 |
| f112r #11 | Cancer | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeor), [fptk]e0-4y (teey), [yo][fptk]e4od + y (oteody), o[fptk]e4dy (okeedy, okeeedy), o[tk]e0-4y (okeeey, okeey, qokeey), okar variants (okar, okary) | cseeor, doteey, okar, okarar, okeeey, okeey, oteedy, oteody, teey | 0.06440 |
| f112v #1 | Taurus | o[fptk]ai4n (okaiin), o[fptk]e4dy (okedy, okeeedy), o[tk]e0-4y (okeey, okey, oteey, oty, qokeey), oa (oaiin, oar), opal variants (opal), ora (oraiin), otal variants (otal), sai4n (saiin, sain) | oaiin, okaiin, okeey, opalar, otal, oteedy, oteey, oteokeey, oteorar, oty, sain | 0.09085 |
| f112v #2 | Taurus | o[fptk]ai4n (okaiin), o[fptk]e4dy (qoteedy), o-axis of [yo][fptk][ao][lr] (okor), okal variants (okal), okar variants (okar), otai0-4n (otaiin), otal variants (otal) | okaiin, okal, okar, okolar, otaiin, otal, oteedy | 0.08779 |
| f112v #3 | Taurus | cedai4[lrsm \| n] (ceedaiin, ceedal), o[tk]e0-4y (oteeey, oteey, qoty), otam variants (otam), sai4n (sain) | cedaiir, ceedal, otam, oteey, oteokeey, sain | 0.07002 |
| f112v #4 | Aries | o[fptk]e4dy (okeedy, qoteedy), o[tk]e0-4y (qokeey, okeey), olai0-4n (olaiin), otal variants (otal), sai4n (saiin) | lcseeotey, okeeedy, olaiin, otal, saiin | 0.05718 |
| f112v #5 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), o[tk]e0-4y (qokeey), sai4n (saiin) | ceeol, ceol, oteokeey, sain | 0.05477 |
| f112v #6 | Scorpio | cedai4[lrsm \| n] (ceedain) | ceedain | 0.02054 |
| f112v #7 | Aries | e-initial (eeedy), o[tk]e0-4y (qokeey), otai0-4n (otaiin) | eeedy, lcseeotey, otaiin | 0.04550 |
| f112v #8 | Scorpio | [ao][lr][ao][lr] Pipe/Flow (alor), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (cseeody), o[fptk]e4dy (okeedy), o[fptk]edal (okedal), o[tk]e0-4y (ykeey) | alor, ceetceody, ceor, ceoteey, okedal, okeedy | 0.06450 |
| f112v #9 | Aries | [ao][lr][ao][lr] Pipe/Flow (arar), [fptk]ai4[dlrsmg \| n] (tar), [yo][fptk]e4od + y (oteody), o[fptk]e4dy (okedy) | arar, okeeedy, oteody, tar | 0.08189 |
| f112v #10 | Cancer | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeeor, ceol), cedai4[lrsm \| n] (ceedaiin), o[fptk]e4dy (okeedy, okeeedy), o[fptk]edar (otedar), okar variants (okar), otai0-4n (otaiin) | ceedaiin, ceeeor, okar, otaiin, otedar, oteedy | 0.08121 |
| f112v #11 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), c \| c[fptk] + e4o (ceeo), cedai4[lrsm \| n] (ceedar), eky (ceeky), o[tk]e0-4y (okeey), oi (oiin), otai0-4n (otaiin), sai4n (sain) | cedaiir, ceeky, ceol, cseeeo, okeey, okoiin, otaiin, sain | 0.09482 |
| f112v #12 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), ce4a (ceal), ceckey relatives (ceckey), o[fptk]ai4n (okaiin), o[fptk]e4dy (oteedy), olo (ceeolor), otam variants (otam) | ceal, ceckey, ceeol, ceeolor, ceol, okaiin, otam, oteedy | 0.12571 |
| f112v #13 | Taurus | [ao][lr][ao][lr] Pipe/Flow (alor), [fptk\| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[ dlrsmg \| n] (kar), eky (ceeky), o[fptk]ai4n (ceokain, okaiin), o[fptk]c + e0-4y (otceey), o[fptk]e4dy (ykeedy), o[tk]e0-4y (ykeey, oty), oa (oar), o-axis of [yo][fptk][ao][lr] (otol), okal variants (okal), opal variants (opal), otar variants (otar) | ary, ceeky, ceol, kal, oaiin, okaiin, okal, okolar, opalar, otainy, otar, otcey, oteedy, oteokeey, oty, parar | 0.07165 |
| f113r #1 | Aries | [ao][lr][ao][lr] Pipe/Flow (alar), [yo][fptk]e4od + y (oteeody), c \| cs + e0-4[dlrsmg] (ces), c[fptk]c polygraph (ceckcey), o[fptk]e4dy (okeedy), o[fptk]e4os (oteeosy), o[tk]e0-4y (oteey, oty), oa (oal) | ces, lcseeotey, oal, ockcey, okeeedy, okeolol, oteeody, oteey, oteosaiin | 0.06840 |
| f113r #2 | Taurus | [yo][fptk]e4o (okeeo), c \| c[fptk] + e4o (ceeo), ce4a (cear), ceckey relatives (ceckey), eka (ceekal), o[fptk]e4os (oteeos), o[tk]e0-4y (okeey), okol variants (okol), osa (osaiin), otai0-4n (otain), otal variants (otal), otar variants (otar) | cear, ceckey, ceeekaiin, cseeeo, okeey, okeosar, okol, otain, otal, otar, oteeo, oteeos | 0.07632 |
| f113r #3 | Gemini | c \| c[fptk] + e4o (ceeo, ceo), ke4o (keor), o[fptk]ai4n (okaiin), o[tk]e0-4y (oteey, qokeey), otai0-4n (ceotaiin), otal variants (otal) | ceeo, ceotaiin, keodal, okaiin, okyd, otal, oteey | 0.08447 |
| f113r #4 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor, cseol), [fptk]ai4[ dlrsmg \| n] (kal), [yo][fptk]e4od (qokeody), [yo]dy endings (cseeody), c \| c[fptk] + e4o (cseeo), o[tk]e0-4y (qoty), otam variants (otam), yodai0-4n (ceodaiin) | cseeeor, cseeo, cseol, kal, otalody, otam, oteeodaiin, oteokeey | 0.07088 |
| f113r #5 | Aries | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]dy endings (ceeody), sai4n (saiin) | ceeody, lkceol, saiin | 0.02996 |
| f113r #6 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, cseol), ce4a (ceal, cear, csear), cedai4[lrsm \| n] (ceedaiin), o[fptk]ai4n (ceokain), o[fptk]e4dy (okeedy), o[tk]e0-4y (qokeey), otar variants (ceotar) | ceal, cear, cedaiir, ceeol, csear, cseol, okeedy, otainy, otaraldy, oteokeey | 0.06579 |
| f113r #7 | Cancer | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceor, cseol), [yo][fptk]e4od + y (okeody), oi (oiin) | ceeeor, ceeol, cseol, oiin, okeody | 0.06274 |
| f113r #8 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor, cseeor, ceol), [fptk]ai4[ dlrsmg \| n] (kaiin), o[fptk]ai4n (ceokain), o[fptk]c + e0-4y (ceopceey) | ceol, cseeeor, kaiin, otainy, otcey | 0.04732 |
| f113r #9 | Taurus | [yo][fptk]e4o (oteeo), ce4a (ceal, cear), o[fptk]e4dy (okeedy) | ceal, cear, okeedy, oteeo | 0.06503 |
| f113r #10 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (tceol, ceol, cseeol, cseor), ce4a (ceal), o[fptk]ai4n (okaiin), o[fptk]e4dy (oteedy), oe0-4s (os), otai0-4n (otain) | ceal, ceol, cetos, cseeeor, okaiin, otain, oteedy | 0.08703 |

| | | | | |
|---|---|---|---|---|
| f113r #11 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor), [fptk]ai4[dlrsmg \| n] (tar), ce4a (cseal), o[fptk]ai4n (okaiin), oce4y + infixed versions (ceockey), otai0-4n (otain), otal variants (otal), otar variants (otar) | cekeeal, cseeeor, kal, okaiin, okoceey, otain, otal, otar | 0.07617 |
| f113r #12 | Taurus | [yo]dy endings (cseeody), c \| c[fptk] + e4o (cseeeo), o[fptk]e4dy (qoteedy), okar variants (okar), otar variants (otar) | cseeeo, okar, otalody, otar, oteedy | 0.05458 |
| f113r #13 | Aries | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeor), otal variants (otal) | lkceol, otal | 0.03039 |
| f113r #14 | Cancer | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [yo][fptk]e4od + y (okeeody), o[fptk]ai4n (okaiin) | aly, okeeody, opoiiin | 0.02568 |
| f113r #15 | Libra | [ao][lr][ao][lr] Pipe/Flow (aral), eky (ceeeky), sai4n (saiin) | ceeeky, okalair, saiin | 0.03296 |
| f113r #16 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), [fptk]ai4[dlrsmg \| n] (kaiin, kar), c \| c[fptk] + e4o (ceeo, cseeo), cedai4[lrsm \| n] (ceedal), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (opceey), o[fptk]e4dy (oteedy), o[tk]e0-4y (qokeey, okeeey, okeey), oa (oaiin), okal variants (okalal), ol[tk] (olkal), otai0-4n (otain), sai4n (sain) | ceedal, ceeolky, cseeeo, cseeeor, cseeo, kaiin, kal, oaiin, okaiin, okalal, okeey, otain, otcey, oteedy, oteokeey, sain | 0.08921 |
| f113v #1 | Gemini | o[fptk]c + e0-4y (okcey, otceey), o[tk]e0-4y (oky), okal variants (okal), ol[yoa] (olol), otai0-4n (otaiin), otar variants (otaiir, otair, ceotar) | okal, okeolar, okyd, otaiin, otair, otarar, otceey | 0.06447 |
| f113v #2 | Cancer | [yo][fptk]e4od + y (oteody), o[fptk]e4dy (otedy, oteedy), o[fptk]edar (otedar), o[tk]e0-4y (qokeey), o[tk]e4s (otees), oc[fptk]e4y (ceockey), otai0-4n (otaiin) | cseoctey, doteey, otaiin, otedar, oteedy, otees, oteody | 0.09913 |
| f113v #3 | Taurus | [tk]e4o (teody), o[fptk]ai4n (ceokaiin, okaiin), o[fptk]e4dy (oteedy), otar variants (otar), otor variants (otor), yodai0-4l (odal) | ****eodal, ceokaiin, okaiin, otar, oteedy, otor, teeody | 0.07861 |
| f113v #4 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeor), [yo][fptk]e4o (oteeo), ai0-4[dlrsmg][dlrsmg] (arl), o[fptk]c + e0-4y (opceey), o[fptk]e4dy (otedy), o-axis of [yo][fptk][ao][lr] (otol), okar variants (okar), otar variants (otar), otor variants (otor) | cseeeor, okar, okolar, otar, otaraldy, otcey, oteedy, oteeo, otor | 0.06659 |
| f113v #5 | Virgo | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor, cseeor), a[lr]an (saraiin), o[fptk]ai4n (okaiin), o[tk]e0-4y (okeey), okal variants (okal), okol variants (okol), ol[tk] (olkar), orai0-4n (oraiin), rai4n (raiin) | ceeos, okaiiiny, okal, okeey, okol, olkar, oraiin, raiin, saraiin | 0.06387 |
| f113v #6 | Libra | c[fptk]c polygraph (ceckcey), o[fptk]ai4n (okaiin), o[fptk]c + e0-4dy (otcseedy), okal variants (okal), okar variants (okar), olai0-4n (olaiin) | ocfcsey, okal, okar, opaiin, otcseedy, ytolaiin | 0.05271 |
| f113v #7 | Taurus | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]ai4[dlrsmg \| n] (kaiin, kar), [yo]dy endings (ceeody), eky (ceeeky), o[fptk]ai4n (okaiin), oe0-4s (ceeos), okar variants (okar), ola (olal), otal variants (otal), otar variants (otar) | aly, ceeol, cetos, cseeky, cseeolaiin, kaiin, kal, okaiin, okar, otal, otalody, otar | 0.16738 |
| f113v #8 | Gemini | o[fptk]ai4n (opaiin), o[fptk]c + e0-4y (qopceey, otceey), o[tk]e0-4y (otey), otai0-4n (otaiin), otar variants (otar), otol variants (otol) | ceotaiin, otaiin, otar, otceey, otey, otolam | 0.08140 |
| f113v #9 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, cseeol), [fptk]e0-4y (keey), ce4a (cear, otcearn), o[fptk]ai4n (okaiiin, okaiin), o[tk]e0-4y (oky, oteey, qokeey), okal variants (okal), okar variants (okar), otai0-4n (otaiin, otain) | cealaiin, cear, ceeol, cseeeor, keey, okaiin, okal, okar, otaiin, otain, otainy, oteey, oteokeey | 0.09942 |
| f113v #10 | Taurus | [yo][fptk]e4o (oteo), eky (ceeky), okal variants (okal), opal variants (opalor), otai0-4n (otain) | ceeky, okal, opalor, otain, oteo | 0.07869 |
| f113v #11 | Libra | o[fptk]c + e0-4y (otceey), o[fptk]e4dy (okeeedy), o[tk]e0-4y (oteeey), okar variants (okar), olai0-4n (olaiin), yodai0-4n (ydaiin) | oeeoty, okar, opcseeytey, ydaiin, ykeedy, ytolaiin | 0.07676 |
| f113v #12 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceeor), [yo]dy endings (ceeody), c-sequence + e4 + [fptk] + e4 + y (ceekey), o[fptk]e4dy (okeedy), o[tk]e0-4y (okeey, oteeey, oteey), ora (oraiin), otai0-4n (otaiin, otain), otar variants (otar), otor variants (otor) | ceeol, ceeor, cseetey, okeedy, okeey, otaiin, otain, otalody, otar, oteey, oteokeey, oteorar, otor | 0.11349 |
| f113v #13 | Cancer | [fptk]e0-4y (keey), ce4a (ceeal), o[tk]e0-4y (oteeey), oe0-4s (os), okar variants (okar), orai0-4n (oraiin), otai0-4n (otaiin, otain) | ceeal, doteey, okar, oraiin, os, otaiin, teey | 0.09098 |
| f113v #14 | Taurus | a[dlrsmg]am (aram), aro[dlrsmg] (arol), ce4a (cseear), o[tk]e0-4y (oty) | arol, cealaiin, okalam, oty | 0.06970 |
| f113v #15 | Aries | o[fptk]e4dy (oteedy), o[tk]e0-4y (qokeey), okal variants (okal), olai0-4n (olaiin), otai0-4n (otaiin) | lcseeotey, okalody, olaiin, otaiin, oteedy | 0.04341 |
| f114r #1 | Virgo | [yo]dy endings (okody), o[fptk]e4dy (okedy), opai0-4n (opaiin), rai4n (raiin) | okedy, opaiin, raiin, yteody | 0.04983 |
| f114r #2 | Taurus | [fptk]ai4[dlrsmg \| n] (kaiin), c \| c[fptk] + e4o (ceo), o + c \| cs + e4ol (oceol), o[fptk]e4dy (okeeedy, ykeedy) | cseeeo, kaiin, oceol, oteedy | 0.03104 |
| f114r #3 | Pisces | oa (oar), opc + e4ol (opceeol), otai0-4n (otaiin) | opceeol, otaiin, oteoal | 0.02952 |
| f114r #4 | Sagittarius | o[fptk]ai4n (okaiin), o[fptk]e4dy (otedy) | otedy, ypaiiin | 0.01844 |
| f114r #5 | Gemini | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), c \| c[fptk] + e4o (ceeo), oe sans oy + oe4y, oe0-4s (oeedy), okar variants (okar), otal variants (otal), otar variants (otar, otair), otol variants (otol) | ary, ceeo, okar, otair, otal, otar, otolam, qoeeeol | 0.04528 |
| f114r #6 | Pisces | [yo][fp][yoa] (opair), cedai4[lrsm \| n] (ceedaiin), do (dol), o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oty), otar variants (otar), yodai0-4n (ceodaiin) | ceedaiin, dolar, opys, otar, oteedy, oty, teodaiin | 0.08128 |
| f114r #7 | Gemini | c \| c[fptk] + e4o (ceeo), oe0-4s (oees) | ceeo, otoees | 0.02604 |
| f114r #8 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor), [yo]dy endings (ceeody), o[fptk]ai4n (okaiin), okar variants (okar), okol variants (okol), otar variants (otair), yodai0-4n (ceodaiin) | cseeeor, okaiin, okar, okol, otalody, otaraldy, oteeodaiin | 0.03691 |
| f114r #9 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, cseol), o[fptk]ai4n (okaiin), o[fptk]e4dy (okeedy, otedy), o[tk]e0-4y (okeey, qoty), o-axis of [yo][fptk][ao][lr] (otol), okar variants (okair), otar variants (ceotar), sai4n (sain) | ceol, cseol, okaiin, okeedy, okeey, okolar, oqokar, otaraldy, oteedy, oteokeey, sain | 0.06319 |
| f114r #10 | Taurus | c \| c[fptk] + e4o (ceeo), cedai4[lrsm \| n] (ceedal), otai0-4n (otaiin), sai4n (saiin) | ceedal, cseeeo, otaiin, sain | 0.04489 |
| f114r #11 | Aries | [fptk]ai4[dlrsmg \| n] (kaiin, kar), c \| c[fptk] + e4o (cseeo), o[fptk]ai4n (okaiin), o[fptk]c + e0-4dy (otcseedy), oa (oar), otal variants (otal), rai4n (raiin), sai4n (sain) | cseeo, oar, otaiin, otal, otcsecsedy, raiin, saiin, tar | 0.05350 |
| f114r #12 | Pisces | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [yo]dy endings (cseeody), o[fptk]e4dy (yteedy), o[tk]e0-4y (qoty), o[tk]e4s (otees), okar variants (okar), yodai0-4n (todaiin) | alody, cseeeor, okar, oteedy, otees, oteotey, todaiin | 0.05606 |
| f114r #13 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo][fp]ai0-4[rn] (opaiin), [yo]dy endings (ceeody), c \| c[fptk] + e4o (ceo, ceeo), cedai4[lrsm \| n] (cedar, ceedal), o[fptk]e4dy (okeedy), otai0-4n (otaiin, otain), otal variants (ceotal), yodai0-4n (ydaiin) | cedaiir, ceedal, ceol, cseeeo, ofaralar, okeedy, otaiin, otain, otalef, otalody, oteeodaiin | 0.07104 |
| f114v #1 | Scorpio | cedai4[lrsm \| n] (ceedain, ceedal), o[fptk]ai4n (otain), o[fptk]e4dy (okeedy), o[tk]e0-4y (oky, ceoty), o-axis of [yo][fptk][ao][lr] (otol), otar variants (otar) | ceedain, ceoteey, okeedy, oky, opaiin, otar, salceedal, ypol | 0.05767 |
| f114v #2 | Taurus | c \| c[fptk] + e4o (ceeo), cedai4[lrsm \| n] (ceedar), otai0-4n (otaiin), sai4n (saiin) | cedaiir, cseeeo, otaiin, sain | 0.04335 |
| f114v #3 | Scorpio | cedai4[lrsm \| n] (ceedaiin, ceedain), o[fptk]e4dy (qoteedy) | ceedain, oyteedy, salceedal | 0.03929 |
| f114v #4 | Taurus | cedai4[lrsm \| n] (ceedal), o-axis of [yo][fptk][ao][lr] (otol), otam variants (otam) | ceedal, okolar, otam | 0.03434 |
| f114v #5 | Gemini | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), c \| c[fptk] + e4o (ceeo), oa (oaiir), okal variants (okal) | ceeo, ceeol, ceol, okal, otoar | 0.03911 |
| f114v #6 | Pisces | [yo]dy endings (cseeody), c \| c[fptk] + e4o (ceeo), o[fptk]ody (otody) | alody, ceo, otody | 0.04395 |
| f114v #7 | Gemini | [ao][lr][ao][lr] Pipe/Flow (aral), [yo]ce4y + infixed versions (ceockey), o[fptk]c + e4ody (qotceody) | cseeyctey, okeolar, qotceody | 0.02277 |
| f114v #8 | Virgo | o[fptk]ai4n (okaiin), o[fptk]e4dy (okeedy, yteedy), otai0-4n (otaiin) | okaiiiny, okeedy, otaiin, yteedy | 0.04910 |
| f114v #9 | Taurus | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), o[fptk]ai4n (ceokaiin), o[tk]e0-4y (okeey) | ary, ceokaiin, okeey | 0.03860 |
| f114v #10 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk]e0-4y (teey), [yo][fptk]e4o (oteeo), c \| c[fptk] + e4o (ceeo), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (qopceey), o[fptk]c + e4ody (otceeody), okol variants (okol), olai0-4n (olaiin), otai0-4n (otaiin), otal variants (otal) | cseeeo, cseeolaiin, cseo, okaiin, okol, otaiin, otal, otceody, otcey, oteeo, teey | 0.11301 |
| f114v #11 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeor, cseeol), [fptk]ai4[dlrsmg \| n] (kaiin, kair), ceckey relatives (ceckey), oa (oaiin), oce4y + infixed versions (octey), yodai0-4n (ceodaiin) | ceckey, ceeor, cseeeor, kaiin, kal, oaiin, okoceey, oteeodaiin | 0.09133 |
| f114v #12 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]ai4[dlrsmg \| n] (tar), [yo][fptk]e4o (oteo, oteeo), [yo]dy endings (ceeody), c \| c[fptk] + e4o (ceo), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (otceey), o[tk]e0-4y (oteeey, oteey, okeey, ceoty), okal variants (okal), otai0-4n (otaiin, otain), otal variants (otal), otam variants (otam) | ceeol, cseeeo, kal, okaiin, okal, okeey, otaiin, otain, otal, otalody, otam, otcey, oteeo, oteey, oteo, oteokeey | 0.11742 |
| f115r #1 | Sagittarius | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor), [yo]dy endings (ceeody), o[fptk]e4dy (otedy, oteedy), od endings (od) | ceeody, otedy, otesalod, tceol, yteedy | 0.04016 |
| f115r #2 | Scorpio | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor), cedai4[lrsm \| n] (ceedar), o[fptk]ai4n (otain), o[fptk]e4dy (qoteedy), otar variants (otar) | ceedar, ceor, opaiin, otar, oyteedy | 0.05696 |
| f115r #3 | Cancer | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceeor), [yo]dy endings (ceeody) | ceeol, ceeor, fydy | 0.05793 |
| f115r #4 | Pisces | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), c \| c[fptk] + e4o (ceeo, ceo), cedai4[lrsm \| n] (ceedaiin) | ceedaiin, ceo, ceol | 0.04055 |
| f115r #5 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), sai4n (saiin) | ceeol, ceol, sain | 0.01835 |
| f115r #6 | Taurus | [ao][lr][ao][lr] Pipe/Flow (alor), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, ceor), [yo]dy endings (ceeody), ke4o (keor), oa (oaiin), oce4y + infixed versions (ceockey) | ceol, cseeeor, keor, oaiin, okoceey, otalody, oteorar | 0.05226 |
| f115r #7 | Taurus | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeeor), [fptk]e0-4y (keey), o[tk]e0-4y (ykey) | ary, cseeeor, keey, oteokeey | 0.02445 |
| f115r #8 | Aries | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol, cseeol), [yo]dy endings (ceeody), c \| c[fptk] + e4o (ceeo), o[fptk]c + e0-4y (otceey), sai4n (saiin) | ceeody, cseeo, lkceol, opceey, saiin | 0.04463 |
| f115r #9 | Aries | c \| c[fptk] + e4o (cseeo), eky (ceeky), o[fptk]ai4n (okaiin), o[fptk]c + e0-4y (okcey), o[tk]e0-4y (okeey, qokeey), oe0-4s (ceeos), rai4n (raiin) | ceeky, cseeo, lcseeotey, okcey, otaiin, oteosaiin, raiin | 0.04321 |
| f115r #10 | Aries | [ao][lr][ao][lr] Pipe/Flow (aral), c \| cs + e0-4[dlrsmg] (ces) | ces, okeolol | 0.02469 |
| f115r #11 | Virgo | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), [fptk]e0-4y (keey), [yo]dy endings (ceeody), o[tk]e0-4y (qoty), oe0-4s (ceeos), rai4n (raiin) | ceeol, ceeos, cseeoty, raiin, teey, yteody | 0.06880 |
| f115r #12 | Taurus | [yo]dy endings (ody), okc + e4or (okceor) | okceor, otalody | 0.03088 |
| f115r #13 | Aries | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeor, cseeol), o[tk]e0-4y (oky), otar variants (otar, ceotar), rai4n (raiin) | lkceol, oky, otear, raiin | 0.04550 |
| f115v #1 | Libra | a[dlrsmg]c (dalcedy), cedai4[lrsm \| n] (cedar), eky (ceeky), o[fptk]e4dy (ceokeedy, yteedy), o[tk]e0-4y (qoty), otar variants (otar), yodai0-4n (ceodaiin) | alcsedy, ceeeky, csedary, opcseeytey, otar, ydaiin, ykeedy | 0.03192 |
| f115v #2 | Cancer | [yo][fptk]e4od + y (oteody), o[tk]e0-4y (qokeey), okor variants (okor) | doteey, okor, oteody | 0.04103 |
| f115v #3 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o (cseo), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseeol), [yo][fptk]e4o (oteeo), [yo]dy endings (cseeody), o[fptk]ai4n (okaiin), okar variants (okar), sai4n (saiin) | cseeeor, cseo, okaiin, okar, otalody, oteeo, saiin | 0.06630 |

| | | | | |
|---|---|---|---|---|
| f115v #4 | Sagittarius | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (cseor), yodai0-4n (ceodaiin) | ceodaiin, tceol | 0.03472 |
| f115v #5 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]ai4[dlrsmg \| n] (kar), [fptk]e0-4y (keey), [yo]dy endings (ody), c \| c[fptk] + e4o (cseeo), ko (kol), o[tk]e0-4y (oteey), oce4y + infixed versions (ceockey), sai4n (saiin) | ceol, cseeo, kal, keey, kol, okoceey, otalody, oteey, sain | 0.04643 |
| f115v #6 | Virgo | c \| c[fptk] + e4o (ceeo), otal variants (otal), rai4n (raiin) | ceeo, ceotal, raiin | 0.03065 |
| f115v #7 | Libra | o[fptk]e4dy (otedy) | otedy | 0.01332 |
| f115v #8 | Aries | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [yo]ce4y (yceey), [yo]dy endings (ceeody), c \| c[fptk] + e4o (ceo, ceeo), cectey relatives (cectey), o[tk]e4s (ykees), ol[tk] (olkeeody), olai0-4n (olain), sai4n (saiin) | cectey, ceeody, cseeo, lkceol, olkeeody, oteocey, otolaiin, saiin, ykees | 0.05356 |
| f115v #9 | Sagittarius | o[fptk]e4dy (qoteedy) | qoteedy | 0.01780 |
| f115v #10 | Scorpio | cedai4[lrsm \| n] (ceedar), okar variants (okar) | ceedar, okary | 0.02054 |
| f115v #11 | Aries | c \| c[fptk] + e4o (ceeo), eky (ceeky), o[tk]e0-4y (oky), oe0-4s (cseos) | ceeky, cseeo, oky, oteosaiin | 0.03751 |
| f115v #12 | Aries | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceor, cseor), [fptk]ai4[dlrsmg \| n] (kaiin), [yo]ke4o (ceeokeeo), o[fptk]e4dy (ykeedy), oe0-4s (ceeos) | ceeokeeo, lkceol, okeeedy, oteosaiin, tar | 0.03069 |
| f115v #13 | Taurus | [fptk]ai4[dlrsmg \| n] (kaiin), c \| c[fptk] + e4o (cseeo), o[tk]e0-4y (oky, oty), oa (yair), oe0-4s (ceeos) | cetos, cseeo, kaiin, oaiin, oteokeey, oty | 0.03849 |
| f116r #1 | Taurus | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (saly), ce4a (cear, cseear), o[tk]e0-4y (okeey, oky), otal variants (otal) | ary, cealaiin, cear, okeey, otal, oteokeey | 0.06225 |
| f116r #2 | Taurus | [ao][lr][ao][lr] Pipe/Flow (aral), [fptk\| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), ceckey relatives (ceckey), o[fptk\| dlrsmg][ao]m (okam), o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oteey, otey, oty), otal variants (otal), otor variants (otor), sai4n (sain) | ary, ceckey, orom, otal, oteedy, oteey, oteorar, otey, otor, oty, sain | 0.12415 |
| f116r #3 | Sagittarius | [yo]dy endings (teody), o[fptk]e4dy (yteedy, otedy), o[fptk]edar (oteedar), o[tk]e0-4y (otey, qokeey, okeey) | ceeytey, otedy, otey, qokeey, ykeeody, ytedar, yteedy | 0.10382 |
| f116r #4 | Taurus | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceol), [fptk]e0-4y (tey), o[fptk]e4dy (okedy, qoteedy), o[tk]e0-4y (okeey, okey), otai0-4n (otain), otal variants (otal), sai4n (sain) | ceol, okeey, otain, otal, oteedy, oteokeey, sain, teeey | 0.04741 |
| f116r #5 | Taurus | o[fptk]e4dy (okeedy, oteedy), o[tk]e0-4y (qokeey, okeey), otal variants (otal), otar variants (otar, otarar) | okeedy, okeey, otal, otar, otaraldy, oteedy, oteokeey | 0.09919 |
| f116r #6 | Taurus | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (aly, ary), [fptk\| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol, ceol), [fptk]e0-4y (keey), ce4a (cseeal, ceal), ceckey relatives (ceckey), eky (cseeky), o[fptk]e4dy (okeedy, otedy, oteedy, qoteedy), o[lr]y (ory), o[tk]e0-4y (oteey, otey, oty, qokeey, qoty, okey), oi (oiin), okal variants (okal, okaly), okar variants (okar), otai0-4n (otain), otal variants (otal), otar variants (otar) | aly, aroly, ary, ceal, cealaiin, ceckey, ceeol, ceol, cseeky, keey, okal, okalam, okar, okeedy, okoiin, otain, otal, otar, oteedy, oteey, oteokeey, otey, oty | 0.08150 |
| f116r #7 | Virgo | [fptk]e0-4y (teey), ce4a (ceam, ckeal, csear, cseear), o[fptk\| dlrsmg][ao]m (okam), o[tk]e0-4y (okeey, qokeey, ykeey), oe0-4s (os), rai4n (raiin) | ceal, ceeosy, cseeoty, okeeom, okeey, raiin, teey | 0.03860 |
| f116r #8 | Taurus | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary, kaly), a[dlrsmg]am (aram), ce4a (ceal), ceckey relatives (ceckey), o[tk]e0-4y (okeey, okey, oky, oteey), okal variants (okal), okar variants (okar), otai0-4n (otain) | ary, ceal, ceckey, okal, okalam, okar, okeey, otain, oteey, oteokeey | 0.07053 |

Table 31.19: Highest Ranked Balneological Figure Set Correlations for All 293 Section 5 Text Sequences

| # | Folio | Balneological Figure Set | Section 5 Words | Figure Words | Integrated Score |
|---|---|---|---|---|---|
| 1 | f108r #10 | f84r | o[fptk]e4dy (okedy, otedy), okal variants (qokal) | okaly, okedy, otedy | 0.08581 |
| 2 | f108r #10 | f84v | ceckey relatives (ceckey), o[fptk]e4dy (okedy, otedy), o[tk]e0-4y (qokey), okal variants (qokal), okar variants (okar) | ceckey, okaly, okar, okeeey, otdy | 0.07507 |
| 3 | f108r #10 | f82v | o[fptk]e4dy (okedy, otedy), o[tk]e0-4y (qokey), okal variants (qokal), okar variants (okar) | okair, okal, okeoky, otedy, oteedy | 0.07445 |
| 4 | f112r #9 | f82v | o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (qokey), okal variants (okal) | okal, okeoky, oteedy | 0.07140 |
| 5 | f112r #9 | f84r | o[fptk]e4dy (okedy, okeedy, oteedy), okal variants (okal) | okaly, okedy | 0.06245 |
| 6 | f104r #11 | f82r | okal variants (okal), okar variants (okar) | okal, okar | 0.06243 |
| 7 | f108r #10 | f75v | o[fptk]e4dy (okedy, otedy), o[tk]e0-4y (qokey), okal variants (qokal) | oty, qokal, ykedy | 0.05739 |
| 8 | f108r #10 | f77r | o[fptk]e4dy (okedy, otedy) | dotedy, otedy | 0.05717 |
| 9 | f108r #14 | f82v | o[fptk]e4dy (okedy, otedy, oteedy), o[tk]e0-4y (qokey) | okeoky, otedy, oteedy | 0.05583 |
| 10 | f104r #11 | f84v | okal variants (okal), okar variants (okar) | okaly, okar | 0.05467 |
| 11 | f104r #11 | f80r | okal variants (okal), okar variants (okar) | okaly, okar | 0.05467 |
| 12 | f112r #9 | f84v | o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (qokey), okal variants (okal) | okaly, okeeey, otdy | 0.05356 |
| 13 | f112r #9 | f75v | o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (qokey), okal variants (okal) | dokal, oty, ykedy | 0.05351 |
| 14 | f113v #7 | f83v | o[fptk]ai4n (okaiin) | okaiin | 0.05128 |
| 15 | f108r #9 | f84r | o[fptk]e4dy (okedy, okeedy, otedy) | okedy, otedy | 0.04998 |
| 16 | f108v #2 | f82v | o[fptk]e4dy (oteedy, okedy, okeedy), o[fptk]edal (otedal), o[fptk]edar (okedar), o[tk]e0-4y (oty), okal variants (qokal, okal), okar variants (okar, okair) | okair, okal, okedar, otedal, oteedy, oty | 0.04991 |
| 17 | f107v #5 | f83v | o[fptk]ai4n (okaiin, otaiin), o[lr]a (soral) | okaiin, ololary | 0.04834 |
| 18 | f108r #14 | f84r | o[fptk]e4dy (okedy, otedy, oteedy) | okedy, otedy | 0.04798 |
| 19 | f112r #10 | f82r | o[fptk]e4os (okeeos), okal variants (okal, qokal), okar variants (okar), ory (ory) | darory, okal, okaldy, okar, okeeos | 0.04707 |
| 20 | f103r #5 | f84v | ceckey relatives (ceckey), o[fptk]e4dy (oteedy), o[tk]e0-4y (oty, qokey), okal variants (qokal) | ceckey, okaly, okeeey, otdy | 0.04614 |
| 21 | f103r #5 | f75v | o[fptk]e4dy (oteedy), o[tk]e0-4y (oty, qokey), okal variants (qokal) | oty, qokal, ykedy | 0.04569 |
| 22 | f103r #5 | f82v | o[fptk]e4dy (oteedy), o[tk]e0-4y (oty, qokey), okal variants (qokal) | okal, okeoky, oteedy, oty | 0.04554 |
| 23 | f112r #9 | f75r | o[fptk]e4dy (okedy, okeedy, oteedy) | okeedy | 0.04445 |
| 24 | f112v #2 | f83v | o[fptk]ai4n (okaiin, otaiin), o[fptk]c + e0-4dy (qokcedy), okor variants (okor) | okaiin, okcedy, okor | 0.04354 |
| 25 | f108r #1 | f84r | o[fptk]e4dy (okedy, otedy) | okedy, otedy | 0.04320 |
| 26 | f116r #2 | f82v | o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oty) | otedy, oteedy, oty | 0.04248 |
| 27 | f108r #9 | f77r | o[fptk]e4dy (okedy, okeedy, otedy) | dotedy, otedy | 0.04004 |
| 28 | f108r #9 | f75r | o[fptk]e4dy (okedy, okeedy, otedy) | okeedy | 0.04000 |
| 29 | f108r #10 | f75r | o[fptk]e4dy (okedy, otedy) | okeedy | 0.04000 |
| 30 | f108r #9 | f82v | o[fptk]e4dy (okedy, okeedy, otedy) | otedy, oteedy | 0.03998 |
| 31 | f108r #14 | f84v | o[fptk]e4dy (okedy, otedy, oteedy), o[tk]e0-4y (qokey) | okeeey, otdy | 0.03992 |
| 32 | f108r #14 | f75v | o[fptk]e4dy (okedy, otedy, oteedy), o[tk]e0-4y (qokey) | oty, ykedy | 0.03987 |
| 33 | f112r #1 | f82v | o[fptk]e4dy (oteedy), o[tk]e0-4y (oty, okeeey), ol[tk] (olkeedy) | okeoky, olkeedy, oteedy, oty | 0.03948 |
| 34 | f107v #5 | f82v | o[fptk]e4dy (otedy), okal variants (okal) | okal, otedy | 0.03943 |
| 35 | f107v #4 | f80r | o-axis of [yo][fptk][ao][lr] (otol), okal variants (qokal, okal), ol[tk] (olkal), otal variants (otal) | okaly, okolo, olky, otal | 0.03910 |
| 36 | f104r #11 | f82v | okal variants (okal), okar variants (okar) | okair, okal | 0.03907 |
| 37 | f107v #4 | f75v | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (okcedy), okal variants (qokal, okal), ol[tk] (olkal), otol variants (otol) | dokal, okcsey, olkcey, otoly, qokal | 0.03892 |
| 38 | f103r #10 | f75v | o[fptk]e4dy (otedy), o[tk]e0-4y (qokey), okal variants (qokal) | oty, qokal, ykedy | 0.03887 |
| 39 | f103r #10 | f83v | o[fptk]ai4n (okaiin) | okaiin | 0.03815 |
| 40 | f112v #2 | f80r | okal variants (okal), okar variants (okar), okor variants (okor), otal variants (otal) | okaly, okar, okory, otal | 0.03798 |
| 41 | f116r #2 | f84v | ceckey relatives (ceckey), o[fptk]c + e0-4dy (qokcedy), o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oty) | ceckey, okcedy, okeeey, otdy | 0.03774 |
| 42 | f103v #6 | f84v | ceckey relatives (ceckey), o[fptk]e4dy (oteedy), okal variants (qokal), oro (orol) | ceckey, okaly, orog, otdy | 0.03770 |
| 43 | f112r #5 | f82v | o[fptk]e4dy (okeedy, otedy, ykedy), o[tk]e0-4y (oty) | otedy, oteedy, oty | 0.03748 |
| 44 | f116r #2 | f75v | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qokcedy), o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oty) | dary, okcsey, oty, ykedy | 0.03740 |
| 45 | f108r #6 | f84r | o[fptk]e4dy (okedy, okeedy, otedy), okol variants (okol) | okedy, okol, otedy | 0.03684 |
| 46 | f103r #7 | f75v | a[lr][fptk] (dallar), o[fptk]e4dy (okedy), okal variants (qokal, okaly) | dallar, dokal, qokal, ykedy | 0.03646 |
| 47 | f103r #7 | f84v | ceckey relatives (ceckey), o[fptk]e4dy (okedy), okal variants (qokal, okaly) | ceckey, okaly, otdy | 0.03637 |

| | | | | | |
|---|---|---|---|---|---|
| 48 | f104r #10 | f75v | okal variants (qokal) | qokal | 0.03633 |
| 49 | f106v #15 | f82v | o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oty, okeeey), o-axis of [yo][fptk][ao][lr] (otol), okal variants (okal) | okal, okeoky, okoldy, otedy, oteedy, oty | 0.03619 |
| 50 | f108r #14 | f77r | o[fptk]e4dy (okedy, otedy, oteedy) | dotedy, otedy | 0.03604 |
| 51 | f112r #9 | f77r | o[fptk]e4dy (okedy, okeedy, oteedy) | dotedy | 0.03567 |
| 52 | f107r #15 | f80r | okar variants (okair), otal variants (otal) | okair, otal | 0.03557 |
| 53 | f112r #10 | f75v | o[fptk]e4dy (otedy), okal variants (qokal, okal), ory (ory) | dokal, ory, qokal, ykedy | 0.03514 |
| 54 | f112r #10 | f84v | o[fptk]e4dy (otedy), okal variants (qokal, okal), okar variants (okar), or[yoa] (ory) | okaly, okar, orog, otdy | 0.03504 |
| 55 | f112r #10 | f82v | o[fptk]e4dy (otedy), okal variants (qokal, okal), okar variants (okar) | okair, okal, otedy | 0.03481 |
| 56 | f107v #5 | f82r | dairol/soral relatives (soral), okal variants (okal) | dolol, okal | 0.03478 |
| 57 | f107v #5 | f84v | ceckey relatives (ceckey), dairol/soral relatives (soral), o[fptk]e4dy (otedy), okal variants (okal) | ceckey, okaly, otdy, ydaiirol | 0.03478 |
| 58 | f113v #14 | f83r | o[fptk]c + e0-4dy (qokcedy), o[tk]e0-4y (oty) | qokcedy, qokey | 0.03469 |
| 59 | f104r #3 | f82r | okar variants (okar), ol[tk] (olkeedy), oly (otoly) | okar, olkoky, sokoly | 0.03461 |
| 60 | f106r #11 | f84v | ceckey relatives (ceckey), okal variants (okaly) | ceckey, okaly | 0.03460 |
| 61 | f104r #3 | f80r | o[lr]y (otoly), okar variants (okar), ol[tk] (olkeedy) | okar, okory, olky | 0.03459 |
| 62 | f108r #1 | f77r | o[fptk]e4dy (okedy, otedy) | dotedy, otedy | 0.03458 |
| 63 | f114r #6 | f75v | [yo][fptk]e4d (qoted), o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oty) | oty, qoted, ykedy | 0.03458 |
| 64 | f108r #1 | f82v | o[fptk]e4dy (okedy, otedy) | otedy, oteedy | 0.03456 |
| 65 | f106v #6 | f81v | otai0-4n (otaiin) | otaiin | 0.03456 |
| 66 | f104r #3 | f82v | o-axis of [yo][fptk][ao][lr] (otoly), okar variants (okar), ol[tk] (olkeedy) | okair, okoldy, olkeedy | 0.03449 |
| 67 | f112v #5 | f83r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ol[tk] (olkeedy) | ceeol, solkeey | 0.03432 |
| 68 | f113v #2 | f82v | o[fptk]e4dy (otedy, oteedy) | otedy, oteedy | 0.03427 |
| 69 | f103r #8 | f75v | o[fptk]e4dy (oteedy), o[tk]e0-4y (oty, okeeey), okal variants (qokal) | oty, qokal, ykedy | 0.03427 |
| 70 | f103r #8 | f82v | o[fptk]e4dy (oteedy), o[tk]e0-4y (oty, okeeey), okal variants (qokal) | okal, okeoky, oteedy, oty | 0.03415 |
| 71 | f108r #11 | f75v | o[fptk]e4dy (okedy, okeedy), okal variants (qokal) | qokal, ykedy | 0.03409 |
| 72 | f114r #6 | f82v | o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oty) | otedy, oteedy, oty | 0.03408 |
| 73 | f113v #14 | f75v | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qokcedy), o[tk]e0-4y (oty) | okcsey, oty | 0.03395 |
| 74 | f114r #9 | f82v | o[fptk]e4dy (okeedy, otedy, ykedy), o-axis of [yo][fptk][ao][lr] (otol), okar variants (okair), ol[tk] (olkeedy) | okair, okoldy, olkeedy, otedy, oteedy | 0.03394 |
| 75 | f108r #11 | f84r | o[fptk]e4dy (okedy, okeedy), okal variants (qokal) | okaly, okedy | 0.03390 |
| 76 | f107v #1 | f80r | otal variants (otal) | otal | 0.03376 |
| 77 | f108v #8 | f83r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (ceeal), o[tk]e0-4y (qokey) | ceeal, ceeol, qokey | 0.03290 |
| 78 | f112r #5 | f75v | o[fptk]e4dy (okeedy, otedy, ykedy), o[tk]e0-4y (oty) | oty, ykedy | 0.03284 |
| 79 | f107r #5 | f81v | ol[tk] (olkeedy), otai0-4n (otaiin) | olkal, otaiin | 0.03282 |
| 80 | f106v #10 | f81v | ol[tk] (olkeedy), otai0-4n (otaiin) | olkal, otaiin | 0.03282 |
| 81 | f104r #4 | f80r | o-axis of [yo][fptk][ao][lr] (otol), okal variants (okal), okar variants (okar), otal variants (otal) | okaly, okar, ololo, otal | 0.03282 |
| 82 | f108r #6 | f75v | a[lr][fptk] (dalkar), o[fptk]e4dy (okedy, okeedy, otedy), o-axis of [yo][fptk][ao][lr] (okol) | dalkar, otoly, ykedy | 0.03249 |
| 83 | f108v #2 | f84v | o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (oty), okal variants (qokal, okal), okar variants (okar, okair) | okaly, okar, okeeey, otdy | 0.03233 |
| 84 | f108r #6 | f82v | o[fptk]e4dy (okedy, okeedy, otedy), okol variants (okol) | okol, otedy, oteedy | 0.03228 |
| 85 | f103r #10 | f82v | o[fptk]e4dy (otedy), o[tk]e0-4y (qokey), okal variants (qokal) | okal, okeoky, otedy | 0.03219 |
| 86 | f107v #12 | f83v | o[fptk]ai4n (okaiin) | okaiin | 0.03179 |
| 87 | f113v #7 | f80r | okar variants (okar), otal variants (otal) | okar, otal | 0.03178 |
| 88 | f104v #2 | f84v | [yo]c + e4dy (oceedy), so (sol) | oceedy, sol | 0.03151 |
| 89 | f112v #2 | f82r | o-axis of [yo][fptk][ao][lr] (okor), okal variants (okal), okar variants (okar) | okal, okar, sokoly | 0.03148 |
| 90 | f111v #9 | f84v | ceckey relatives (ceckey), o[tk]e0-4y (okeeey), so (sol) | ceckey, okeeey, sol | 0.03142 |
| 91 | f112v #2 | f81v | o[fptk]ai4n (okaiin), otai0-4n (otaiin) | otaiin | 0.03138 |
| 92 | f108v #6 | f83r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), o[tk]e0-4y (qokey) | ceeol, qokey | 0.03138 |
| 93 | f104r #11 | f77v | okal variants (okal), okar variants (okar) | okair, okalo | 0.03132 |
| 94 | f116r #5 | f82v | o[fptk]e4dy (okeedy, oteedy), o[fptk]edal (otedal) | otedal, oteedy | 0.03128 |
| 95 | f103v #6 | f75v | o[fptk]e4dy (oteedy), okal variants (qokal), or[yoa] (orol) | ory, qokal, ykedy | 0.03124 |
| 96 | f103v #6 | f82v | o[fptk]e4dy (oteedy), okal variants (qokal) | okal, oteedy | 0.03091 |
| 97 | f103r #14 | f82v | o[fptk]e4dy (otedy, oteedy), okal variants (qokal) | okal, otedy, oteedy | 0.03089 |
| 98 | f105r #8 | f82v | o[fptk]e4dy (oteedy), okar variants (okair), ol[tk] (olkeedy) | okair, olkeedy, oteedy | 0.03052 |
| 99 | f107v #2 | f82v | ece polygraph (otecedy), okal variants (qokal), ol[tk] (olkeedy) | okal, olkeedy, otecedy | 0.03048 |
| 100 | f103r #7 | f80r | okal variants (okaly, qokal), otal variants (otal) | okaly, otal | 0.03044 |
| 101 | f108v #7 | f82v | o[fptk]e4dy (otedy, oteedy), old (oldy) | okoldy, otedy, oteedy | 0.03042 |
| 102 | f104r #11 | f83v | o[fptk]ai4n (okaiin) | okaiin | 0.03028 |
| 103 | f103r #7 | f84r | o[fptk]e4dy (okedy), okal variants (qokal, okaly) | okaly, okedy | 0.03010 |
| 104 | f108r #9 | f84v | o[fptk]e4dy (okedy, okeedy, otedy) | otdy | 0.03009 |
| 105 | f108r #9 | f75v | o[fptk]e4dy (okedy, okeedy, otedy) | ykedy | 0.03006 |
| 106 | f104v #11 | f82v | o[fptk]e4dy (okeedy, oteedy) | oteedy | 0.03001 |
| 107 | f104v #11 | f75r | o[fptk]e4dy (okeedy, oteedy) | okeedy | 0.03000 |
| 108 | f108v #2 | f75v | o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (oty), okal variants (qokal, okal) | dokal, oty, qokal, ykedy | 0.02968 |
| 109 | f107v #5 | f84r | o[fptk]e4dy (otedy), o[lr]a (soral), okal variants (okal) | okaly, ololal, otedy | 0.02960 |
| 110 | f108r #2 | f84v | o[fptk]e4dy (okedy, otedy), okar variants (okar) | okar, otdy | 0.02959 |
| 111 | f108v #2 | f75r | o[fptk]e4dy (okedy, okeedy, oteedy) | okeedy | 0.02954 |
| 112 | f111v #5 | f83r | ce4a (ceeal) | ceeal | 0.02949 |
| 113 | f108r #2 | f82v | o[fptk]e4dy (okedy, otedy), o-axis of [yo][fptk][ao][lr] (otol), okar variants (okar) | okair, okoldy, otedy, oteedy | 0.02945 |
| 114 | f112r #10 | f80r | okal variants (okal, qokal), okar variants (okar), ory (ory) | okaly, okar, okory | 0.02936 |
| 115 | f108r #10 | f80r | okal variants (qokal), okar variants (okar), otal variants (otal) | okaly, okar, otal | 0.02932 |
| 116 | f107v #5 | f81v | o[fptk]ai4n (okaiin), otai0-4n (otaiin) | otaiin | 0.02925 |
| 117 | f112r #10 | f84r | o[fptk]e4dy (otedy), o[lr]y (ory), okal variants (okal, qokal) | loly, okaly, otedy | 0.02903 |
| 118 | f104r #4 | f82r | o-axis of [yo][fptk][ao][lr] (otol), okal variants (okal), okar variants (okar) | okal, okar, sokoly | 0.02866 |
| 119 | f108r #7 | f80r | otal variants (otal) | otal | 0.02862 |
| 120 | f103r #8 | f84v | o[fptk]e4dy (oteedy), o[tk]e0-4y (oty, okeeey), okal variants (qokal) | okaly, okeeey, otdy | 0.02850 |
| 121 | f116r #8 | f84v | ceckey relatives (ceckey), o[tk]e0-4y (qokey), okal variants (okal), okar variants (okar, okaral) | ceckey, okaly, okar, okeeey | 0.02827 |

| | | | | | |
|---|---|---|---|---|---|
| 122 | f112r #5 | f77r | o[fptk]e4dy (okeedy, otedy, ykedy) | dotedy, otedy | 0.02824 |
| 123 | f112r #5 | f84r | o[fptk]e4dy (okeedy, otedy, ykedy) | okedy, otedy | 0.02820 |
| 124 | f112v #13 | f75v | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), ai0-4[dlrsmg][dlrsmg] (daldy), o[fptk]c + e0-4 + y \|dy \| o[dlrs]y (qokcedy), o[tk]e0-4y (qokey, oty), okal variants (okal), otol variants (otol) | daldy, dary, dokal, okcsey, otoly, oty | 0.02806 |
| 125 | f113r #11 | f83v | o[fptk]ai4n (okaiin) | okaiin | 0.02805 |
| 126 | f108r #14 | f75r | o[fptk]e4dy (okedy, otedy, oteedy) | okeedy | 0.02800 |
| 127 | f113r #7 | f83r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), o[fptk]c + e0-4dy (otcedy) | ceeol, otcedy | 0.02787 |
| 128 | f116r #3 | f77r | o[fptk]e4dy (otedy) | otedy | 0.02779 |
| 129 | f116r #3 | f82v | o[fptk]e4dy (otedy) | otedy | 0.02779 |
| 130 | f116r #3 | f84r | o[fptk]e4dy (otedy) | otedy | 0.02779 |
| 131 | f108r #6 | f77r | o[fptk]e4dy (okedy, okeedy, otedy), o-axis of [yo][fptk][ao][lr] (okol) | dotedy, otedy, otolaiino | 0.02755 |
| 132 | f106v #10 | f82v | o[fptk]e4dy (oteedy), o[tk]e0-4y (oty), ol[tk] (olkeedy) | olkeedy, oteedy, oty | 0.02750 |
| 133 | f108r #6 | f75r | o[fptk]e4dy (okedy, okeedy, otedy) | okeedy | 0.02743 |
| 134 | f107v #4 | f77v | okal variants (okal, qokal), ol[tk] (olkal), otol variants (otol) | okalo, olkeedal, otol | 0.02742 |
| 135 | f106v #5 | f83r | o[fptk]c + e0-4dy (qokcedy) | qokcedy | 0.02734 |
| 136 | f107v #4 | f82r | o-axis of [yo][fptk][ao][lr] (otol), okal variants (qokal, okal), ol[tk] (olkal) | okal, okaldy, olkoky, sokoly | 0.02732 |
| 137 | f107r #10 | f82r | okal variants (okal), okar variants (okar, okaral) | okairajy, okal, okar | 0.02731 |
| 138 | f107v #4 | f82v | o-axis of [yo][fptk][ao][lr] (otol), okal variants (qokal, okal), ol[tk] (olkal) | okal, okoldy, olkol | 0.02727 |
| 139 | f106v #8 | f75v | dl Consonant clusters (odl), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qokcedy), o[fptk]c + e0-4y (okcsey), o[fptk]e4dy (okeedy), okal variants (okal) | dly, dokal, okcsey, ykedy | 0.02719 |
| 140 | f112v #12 | f83r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol) | ceeol | 0.02719 |
| 141 | f106v #15 | f75v | o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oty, okeeey), okal variants (okal), otol variants (otol) | dokal, otoly, oty, ykedy | 0.02713 |
| 142 | f113v #9 | f83v | o[fptk]ai4n (okaiin, otaiin) | okaiin | 0.02705 |
| 143 | f112r #9 | f82r | o[tk]e0-4y (qokey), okal variants (okal) | okal, olkoky | 0.02695 |
| 144 | f105v #10 | f81v | o[fptk]ai4n (okaiin), ol[tk] (olkal), otai0-4n (otaiin) | olkal, otaiin | 0.02674 |
| 145 | f108r #12 | f82v | o[fptk]e4dy (otedy), o[tk]e0-4y (qokey) | okeoky, otedy | 0.02653 |
| 146 | f105v #1 | f82v | o[fptk]e4dy (oteedy), okar variants (okair), old (okoldy) | okair, okoldy, oteedy | 0.02650 |
| 147 | f108r #4 | f83v | o[fptk]ai4n (okaiin) | okaiin | 0.02649 |
| 148 | f107r #8 | f82r | okal variants (okal, qokal) | okal, okaldy | 0.02642 |
| 149 | f107r #8 | f82v | okal variants (okal, qokal) | okal | 0.02640 |
| 150 | f114r #9 | f77r | o[fptk]e4dy (okeedy, ykedy, otedy), ol[tk] (olkeedy), otol variants (otol) | dotedy, olkoes, otedy, otol | 0.02639 |

Table 31.20: Top 20 Section 5 Paragraphs for Each Balneological Figure Set

| # | Folio | Section 5 Words | Figure Words | Score |
|---|---|---|---|---|
| | | **f66r** | | |
| 1 | f103r #10 | ety (cety) | cety | 0.01330 |
| 2 | f114r #8 | ety (cety) | cety | 0.00756 |
| 3 | f115v #8 | o[tk]e4s (ykees) | ykees | 0.00723 |
| | | **f75r** | | |
| 1 | f112r #9 | o[fptk]e4dy (okedy, okeedy, oteedy) | okeedy | 0.04445 |
| 2 | f108r #10 | o[fptk]e4dy (okedy, otedy) | okeedy | 0.04000 |
| 3 | f108r #9 | o[fptk]e4dy (okedy, okeedy, otedy) | okeedy | 0.04000 |
| 4 | f104v #11 | o[fptk]e4dy (okeedy, oteedy) | okeedy | 0.03000 |
| 5 | f108v #2 | o[fptk]e4dy (okedy, okeedy, oteedy) | okeedy | 0.02954 |
| 6 | f108r #14 | o[fptk]e4dy (okedy, otedy, oteedy) | okeedy | 0.02800 |
| 7 | f108r #6 | o[fptk]e4dy (okedy, okeedy, otedy) | okeedy | 0.02743 |
| 8 | f108r #11 | o[fptk]e4dy (okedy, okeedy) | okeedy | 0.02526 |
| 9 | f112r #5 | o[fptk]e4dy (okeedy, otedy, ykedy) | okeedy | 0.02353 |
| 10 | f108r #13 | [yo]ce4y (yceey), o[fptk]e4dy (okedy, okeedy, otedy, oteedy) | okeedy, yceey | 0.02221 |
| 11 | f108r #1 | o[fptk]e4dy (okedy, otedy) | okeedy | 0.02162 |
| 12 | f116r #2 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), o[fptk]e4dy (otedy, oteedy) | dainy, okeedy | 0.02152 |
| 13 | f112r #8 | o[fptk]e4dy (okeedy, otedy) | okeedy | 0.02088 |
| 14 | f103r #12 | o[fptk]e4dy (okeedy) | okeedy | 0.02000 |
| 15 | f115r #11 | [yo]ce4y (yceey), so (sol) | sols, yceey | 0.01913 |
| 16 | f103v #6 | [ao][lr][ao][lr] Pipe/Flow (orol), o[fptk]e4dy (oteedy) | okeedy, saiino | 0.01858 |
| 17 | f116r #5 | o[fptk]e4dy (okeedy, oteedy) | okeedy | 0.01846 |
| 18 | f103v #9 | o[fptk]e4dy (okeedy, otedy) | okeedy | 0.01778 |
| 19 | f112r #2 | o[fptk]e4dy (okeedy, oteedy) | okeedy | 0.01714 |
| 20 | f113v #2 | o[fptk]e4dy (otedy, oteedy) | okeedy | 0.01714 |
| | | **f75v** | | |
| 1 | f108r #10 | o[fptk]e4dy (okedy, otedy), o[tk]e0-4y (qokey), okal variants (qokal) | oty, qokal, ykedy | 0.05739 |
| 2 | f112r #9 | o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (qokey), okal variants (okal) | dokal, oty, ykedy | 0.05351 |
| 3 | f103r #5 | o[fptk]e4dy (oteedy), o[tk]e0-4y (oty, qokey), okal variants (qokal) | oty, qokal, ykedy | 0.04569 |
| 4 | f108r #14 | o[fptk]e4dy (okedy, otedy, oteedy), o[tk]e0-4y (qokey) | oty, ykedy | 0.03987 |
| 5 | f107v #4 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (okcedy), okal variants (qokal, okal), ol[tk] (olkal), otol variants (otol) | dokal, okcsey, olkcey, otoly, qokal | 0.03892 |
| 6 | f103r #10 | o[fptk]e4dy (otedy), o[tk]e0-4y (qokey), okal variants (qokal) | oty, qokal, ykedy | 0.03887 |
| 7 | f116r #2 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qokcedy), o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oty) | dary, okcsey, oty, ykedy | 0.03740 |
| 8 | f103r #7 | a[lr][fptk] (dalkar), o[fptk]e4dy (okedy), okal variants (qokal, okaly) | dalkar, dokal, qokal, ykedy | 0.03646 |
| 9 | f104r #10 | okal variants (qokal) | qokal | 0.03633 |
| 10 | f112r #10 | o[fptk]e4dy (otedy), okal variants (qokal, okal), ory (ory) | dokal, ory, qokal, ykedy | 0.03514 |
| 11 | f114r #6 | [yo][fptk]e4d (qoted), o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oty) | oty, qoted, ykedy | 0.03458 |
| 12 | f103r #8 | o[fptk]e4dy (oteedy), o[tk]e0-4y (oty, okeeey), okal variants (qokal) | oty, qokal, ykedy | 0.03427 |
| 13 | f108r #11 | o[fptk]e4dy (okedy, okeedy), okal variants (qokal) | qokal, ykedy | 0.03409 |
| 14 | f113v #14 | o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qokcedy), o[tk]e0-4y (oty) | okcsey, oty | 0.03395 |
| 15 | f112r #5 | o[fptk]e4dy (okeedy, otedy, ykedy), o[tk]e0-4y (oty) | oty, ykedy | 0.03284 |

| | | | | |
|---|---|---|---|---|
| 16 | f108r #6 | a[lr][fptk] (dalkar), o[fptk]e4dy (okedy, okeedy, otedy), o-axis of [yo][fptk][ao][lr] (okol) | dalkar, otoly, ykedy | 0.03249 |
| 17 | f103v #6 | o[fptk]e4dy (oteedy), okal variants (qokal), or[yoa] (orol) | ory, qokal, ykedy | 0.03124 |
| 18 | f108r #9 | o[fptk]e4dy (okedy, okeedy, otedy) | ykedy | 0.03006 |
| 19 | f108v #2 | o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (oty), okal variants (qokal, okal) | dokal, oty, qokal, ykedy | 0.02968 |
| 20 | f112v #13 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), ai0-4[dlrsmg][dlrsmg] (daldy), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qokcedy), o[tk]e0-4y (qokey, oty), okal variants (okal), otol variants (otol) | daldy, dary, dokal, okcsey, otoly, oty | 0.02806 |
| | | **f77r** | | |
| 1 | f108r #10 | o[fptk]e4dy (okedy, otedy) | dotedy, otedy | 0.05717 |
| 2 | f108r #9 | o[fptk]e4dy (okedy, okeedy, otedy) | dotedy, otedy | 0.04004 |
| 3 | f108r #14 | o[fptk]e4dy (okedy, otedy, oteedy) | dotedy, otedy | 0.03604 |
| 4 | f112r #9 | o[fptk]e4dy (okedy, okeedy, oteedy) | dotedy | 0.03567 |
| 5 | f108r #1 | o[fptk]e4dy (okedy, otedy) | dotedy, otedy | 0.03458 |
| 6 | f112r #5 | o[fptk]e4dy (okeedy, otedy, ykedy) | dotedy, otedy | 0.02824 |
| 7 | f116r #3 | o[fptk]e4dy (otedy) | otedy | 0.02779 |
| 8 | f108r #6 | o[fptk]e4dy (okedy, okeedy, otedy), o-axis of [yo][fptk][ao][lr] (okol) | dotedy, otedy, otolaiino | 0.02755 |
| 9 | f114r #9 | o[fptk]e4dy (okeedy, ykedy, otedy), ol[tk] (olkeedy), otol variants (otol) | dotedy, olkoes, otedy, otol | 0.02639 |
| 10 | f108r #2 | o[fptk]e4dy (okedy, otedy), otol variants (otol) | dotedy, otedy, otol | 0.02455 |
| 11 | f112r #10 | o[fptk]e4dy (otedy), oe0-4s (okeeos), or[yoa] (ory) | olkoes, otedy, soral | 0.02314 |
| 12 | f113v #2 | o[fptk]e4dy (otedy, oteedy) | dotedy, otedy | 0.02287 |
| 13 | f116r #2 | o[fptk]e4dy (otedy, oteedy) | dotedy, otedy | 0.02135 |
| 14 | f112r #8 | o[fptk]e4dy (okeedy, otedy) | dotedy, otedy | 0.02088 |
| 15 | f113v #4 | o[fptk]e4dy (otedy), otol variants (otol) | otedy, otol | 0.02032 |
| 16 | f104v #11 | o[fptk]e4dy (okeedy, oteedy) | dotedy | 0.02006 |
| 17 | f107v #5 | dairol/soral relatives (soral), o[fptk]e4dy (otedy) | otedy, soral | 0.01973 |
| 18 | f106r #7 | o[fptk]e4dy (okeedy), ol[tk] (olkeedy), otol variants (otol) | dotedy, olkoes, otol | 0.01871 |
| 19 | f103v #6 | o[fptk]e4dy (oteedy), or[yoa] (orol) | dotedy, soral | 0.01868 |
| 20 | f103r #14 | o[fptk]e4dy (otedy, oteedy) | dotedy, otedy | 0.01846 |
| | | **f77v** | | |
| 1 | f104r #11 | okal variants (okal), okar variants (okar) | okair, okalo | 0.03132 |
| 2 | f107v #4 | okal variants (okal, qokal), ol[tk] (olkal), otol variants (otol) | okalo, olkeedal, otol | 0.02742 |
| 3 | f104r #3 | okar variants (okar), ol[tk] (olkeedy), otol variants (otoly) | okair, olkeedal, otolor | 0.02600 |
| 4 | f112r #10 | okal variants (okal, qokal), okar variants (okar), or[yoa] (ory) | okair, okalo, oroeedal | 0.02349 |
| 5 | f107r #7 | okal variants (qokal), okar variants (okair) | okair, okalo | 0.02242 |
| 6 | f104r #4 | okal variants (okal), okar variants (okar), otol variants (otol) | okair, okalo, otol | 0.02059 |
| 7 | f108r #2 | okar variants (okar), otol variants (otol) | okair, otol | 0.01998 |
| 8 | f107v #5 | dairol/soral relatives (soral), okal variants (okal) | okalo, sororal | 0.01997 |
| 9 | f114r #9 | okar variants (okair), ol[tk] (olkeedy), otol variants (otol) | okair, olkeedal, otol | 0.01915 |
| 10 | f107r #9 | okal variants (ykal), oro (orol) | oroeedal, ykal | 0.01902 |
| 11 | f112v #2 | o-axis of [yo][fptk][ao][lr] (okor), okal variants (okal), okar variants (okar) | okair, okalo, otolor | 0.01892 |
| 12 | f104r #10 | okal variants (qokal) | okalo | 0.01826 |
| 13 | f107r #15 | okar variants (okair) | okair | 0.01778 |
| 14 | f108v #2 | o[fptk]eda[lrsm \| n] (okedar), o[fptk]edal (otedal), okal variants (qokal, okal), okar variants (okar, okair) | okair, okalo, olkeedal | 0.01776 |
| 15 | f107v #11 | okar variants (okar), ol[tk] (olkeedy) | okair, olkeedal | 0.01728 |
| 16 | f107r #8 | okal variants (okal, qokal) | okalo | 0.01590 |
| 17 | f107r #10 | okal variants (okal), okar variants (okar, okaral) | okair, okalo | 0.01567 |
| 18 | f113v #4 | okar variants (okar), otol variants (otol) | okair, otol | 0.01547 |
| 19 | f105r #8 | okar variants (okair), ol[tk] (olkeedy) | okair, olkeedal | 0.01541 |
| 20 | f105r #10 | okal variants (qokal), oro (orol) | okalo, oroeedal | 0.01502 |
| | | **f78r** | | |
| 1 | f104r #11 | okar variants (okar) | okaral | 0.02351 |
| 2 | f107v #7 | otas variants (otas) | otas | 0.02221 |
| 3 | f116r #8 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), okar variants (okar, okaral) | ary, okaral | 0.01793 |
| 4 | f104r #3 | o[lr]y (otoly), okar variants (okar) | okaral, orory | 0.01736 |
| 5 | f106v #8 | cedai4[lrsm \| n] (cedal), od[fptk\| dlrsmg] (odl) | dceedaly, odl | 0.01382 |
| 6 | f103r #6 | okar variants (okaral) | okaral | 0.01371 |
| 7 | f115v #10 | cedai4[lrsm \| n] (cedal), okar variants (okar) | dceedaly, okaral | 0.01371 |
| 8 | f114v #9 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary) | ary | 0.01325 |
| 9 | f106v #1 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (daly), cedai4[lrsm \| n] (cedal), okar variants (okar) | ary, dceedaly, okaral | 0.01236 |
| 10 | f105v #6 | od[fptk \| dlrsmg] (odl) | odl | 0.01233 |
| 11 | f112r #10 | okar variants (okar), ory (ory) | okaral, orory | 0.01182 |
| 12 | f107r #10 | okar variants (okar, okaral) | okaral | 0.01176 |
| 13 | f116r #2 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary) | ary | 0.01104 |
| 14 | f113v #7 | okar variants (okar) | okaral | 0.01062 |
| 15 | f104v #10 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary) | ary | 0.01003 |
| 16 | f108r #2 | okar variants (okar) | okaral | 0.00997 |
| 17 | f114r #5 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), okar variants (okar) | ary, okaral | 0.00972 |
| 18 | f113v #11 | okar variants (okar) | okaral | 0.00968 |
| 19 | f108r #13 | [yo]ce4y + infixed versions (yceey), okar variants (okar) | ocfey, okaral | 0.00968 |
| 20 | f112v #13 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), cedai4[lrsm \| n] (cedal) | ary, dceedaly | 0.00953 |
| | | **f80r** | | |
| 1 | f104r #11 | okal variants (okal), okar variants (okar) | okaly, okar | 0.05467 |
| 2 | f107v #4 | o-axis of [yo][fptk][ao][lr] (otol), okal variants (qokal, okal), ol[tk] (olkal), otal variants (otal) | okaly, okalo, olky, otal | 0.03910 |
| 3 | f112v #2 | okal variants (okal), okar variants (okar), okor variants (okor), otal variants (otal) | okaly, okar, okory, otal | 0.03798 |
| 4 | f107r #15 | okar variants (okair), otal variants (otal) | okair, otal | 0.03557 |
| 5 | f104r #3 | o[lr]y (otoly), okar variants (okar), ol[tk] (olkeedy) | okar, okory, olky | 0.03459 |

| | | | | |
|---|---|---|---|---|
| 6 | f107v #1 | otal variants (otal) | otal | 0.03376 |
| 7 | f104r #4 | o-axis of [yo][fptk][ao][lr] (otol), okal variants (okal), okar variants (okar), otal variants (otal) | okaly, okar, okolo, otal | 0.03282 |
| 8 | f113v #7 | okar variants (okar), otal variants (otal) | okar, otal | 0.03178 |
| 9 | f103r #7 | okal variants (okaly, qokal), otal variants (otal) | okaly, otal | 0.03044 |
| 10 | f112r #10 | okal variants (okal, qokal), okar variants (okar), ory (ory) | okaly, okar, okory | 0.02936 |
| 11 | f108r #10 | okal variants (qokal), okar variants (okar), otal variants (otal) | okaly, okar, otal | 0.02932 |
| 12 | f108r #7 | otal variants (otal) | otal | 0.02862 |
| 13 | f107r #14 | otal variants (otal) | otal | 0.02633 |
| 14 | f107v #11 | okar variants (okar), ol[tk] (olkeedy) | okar, olky | 0.02589 |
| 15 | f114v #10 | okol variants (okol), otal variants (otal) | okolo, otal | 0.02574 |
| 16 | f103v #6 | o[lr]o (orol), okal variants (qokal), otal variants (otal) | okaly, oloedy, otal | 0.02534 |
| 17 | f116r #5 | otal variants (otal) | otal | 0.02532 |
| 18 | f108r #2 | o-axis of [yo][fptk][ao][lr] (otol), okar variants (okar) | okar, okolo | 0.02482 |
| 19 | f107r #12 | okal variants (okal, qokal), otal variants (otal) | okaly, otal | 0.02417 |
| 20 | f107v #6 | okal variants (okal), ol[tk] (olkal), otal variants (otal) | okaly, olky, otal | 0.02346 |
| | | **f81v** | | |
| 1 | f106v #6 | otai0-4n (otaiin) | otaiin | 0.03456 |
| 2 | f106v #10 | ol[tk] (olkeedy), otai0-4n (otaiin) | olkal, otaiin | 0.03282 |
| 3 | f107r #5 | ol[tk] (olkeedy), otai0-4n (otaiin) | olkal, otaiin | 0.03282 |
| 4 | f112v #2 | o[fptk]ai4n (okaiin), otai0-4n (otaiin) | otaiin | 0.03138 |
| 5 | f107v #5 | o[fptk]ai4n (okaiin), otai0-4n (otaiin) | otaiin | 0.02925 |
| 6 | f105v #10 | o[fptk]ai4n (okaiin), ol[tk] (olkal), otai0-4n (otaiin) | olkal, otaiin | 0.02674 |
| 7 | f113v #7 | o[fptk]ai4n (okaiin) | otaiin | 0.02568 |
| 8 | f114v #12 | o[fptk]ai4n (okaiin), otai0-4n (otaiin) | otaiin | 0.02555 |
| 9 | f114v #10 | o[fptk]ai4n (okaiin), otai0-4n (otaiin) | otaiin | 0.02549 |
| 10 | f113v #8 | otai0-4n (otaiin) | otaiin | 0.02526 |
| 11 | f104r #13 | otai0-4n (otaiin) | otaiin | 0.02526 |
| 12 | f113v #13 | otai0-4n (otaiin) | otaiin | 0.02432 |
| 13 | f113v #9 | o[fptk]ai4n (okaiin), otai0-4n (otaiin) | otaiin | 0.02413 |
| 14 | f113v #2 | otai0-4n (otaiin) | otaiin | 0.02345 |
| 15 | f105v #9 | otai0-4n (otaiin) | otaiin | 0.02345 |
| 16 | f112r #2 | otai0-4n (otaiin) | otaiin | 0.02345 |
| 17 | f112v #11 | otai0-4n (otaiin) | otaiin | 0.02265 |
| 18 | f106r #13 | otai0-4n (otaiin) | otaiin | 0.02189 |
| 19 | f114v #8 | o[fptk]ai4n (okaiin), otai0-4n (otaiin) | otaiin | 0.02120 |
| 20 | f107v #10 | o[fptk]ai4n (okaiin), otai0-4n (otaiin) | otaiin | 0.02031 |
| | | **f82r** | | |
| 1 | f104r #11 | okal variants (okal), okar variants (okar) | okal, okar | 0.06243 |
| 2 | f112r #10 | o[fptk]e4os (okeeos), okal variants (okal, qokal), okar variants (okar), ory (ory) | darory, okal, okaldy, okar, okeeos | 0.04707 |
| 3 | f107v #5 | dairol/soral relatives (soral), okal variants (okal) | dolol, okal | 0.03478 |
| 4 | f104r #3 | okar variants (okar), ol[tk] (olkeedy), oly (otoly) | okar, olkoky, sokoly | 0.03461 |
| 5 | f112v #2 | o-axis of [yo][fptk][ao][lr] (okor), okal variants (okal), okar variants (okar) | okal, okar, sokoly | 0.03148 |
| 6 | f104r #4 | o-axis of [yo][fptk][ao][lr] (otol), okal variants (okal), okar variants (okar) | okal, okar, sokoly | 0.02866 |
| 7 | f107v #4 | o-axis of [yo][fptk][ao][lr] (otol), okal variants (qokal, okal), ol[tk] (olkal) | okal, okaldy, olkoky, sokoly | 0.02732 |
| 8 | f107r #10 | okal variants (okal), okar variants (okar, okaral) | okairajy, okal, okar | 0.02731 |
| 9 | f112r #9 | o[tk]e0-4y (qokey), okal variants (okal) | okal, olkoky | 0.02695 |
| 10 | f107r #8 | okal variants (okal, qokal) | okal, okaldy | 0.02642 |
| 11 | f107v #11 | okar variants (okar), ol[tk] (olkeedy) | okar, olkoky | 0.02589 |
| 12 | f108r #2 | o-axis of [yo][fptk][ao][lr] (otol), okar variants (okar) | okar, sokoly | 0.02482 |
| 13 | f116r #8 | o[tk]e0-4y (qokey), okal variants (okal), okar variants (okar, okaral) | okairajy, okal, okar, olkoky | 0.02469 |
| 14 | f107r #12 | okal variants (okal, qokal) | okal, okaldy | 0.02408 |
| 15 | f113v #6 | okal variants (okal), okar variants (okar) | okal, okar | 0.02340 |
| 16 | f108r #10 | o[tk]e0-4y (qokey), okal variants (qokal), okar variants (okar) | okaldy, okar, olkoky | 0.02322 |
| 17 | f103r #5 | o[tk]e0-4y (oty, qokey), okal variants (qokal) | okaldy, olkoky | 0.02286 |
| 18 | f105r #10 | okal variants (qokal), oro (orol) | okaldy, orol | 0.02257 |
| 19 | f113v #7 | okar variants (okar) | okar | 0.02116 |
| 20 | f103r #10 | o[tk]e0-4y (qokey), okal variants (qokal) | okaldy, olkoky | 0.01946 |
| | | **f82v** | | |
| 1 | f108r #10 | o[fptk]e4dy (okedy, otedy), o[tk]e0-4y (qokey), okal variants (qokal), okar variants (okar) | okair, okal, okeoky, otedy, oteedy | 0.07445 |
| 2 | f112r #9 | o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (qokey), okal variants (okal) | okal, okeoky, oteedy | 0.07140 |
| 3 | f108r #14 | o[fptk]e4dy (okedy, otedy, oteedy), o[tk]e0-4y (qokey) | okeoky, otedy, oteedy | 0.05583 |
| 4 | f108v #2 | o[fptk]e4dy (oteedy, okedy, okeedy), o[fptk]edal (otedal), o[fptk]edar (okedar), o[tk]e0-4y (oty), okal variants (qokal, okal), okar variants (okar, okair) | okair, okal, okedar, otedal, oteedy, oty | 0.04991 |
| 5 | f103r #5 | o[fptk]e4dy (oteedy), o[tk]e0-4y (oty, qokey), okal variants (qokal) | okal, okeoky, oteedy, oty | 0.04554 |
| 6 | f116r #2 | o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oty) | otedy, oteedy, oty | 0.04248 |
| 7 | f108r #9 | o[fptk]e4dy (okedy, okeedy, otedy) | otedy, oteedy | 0.03998 |
| 8 | f112r #1 | o[fptk]e4dy (oteedy), o[tk]e0-4y (oty, okeeey), ol[tk] (olkeedy) | okeoky, olkeedy, oteedy, oty | 0.03948 |
| 9 | f107v #5 | o[fptk]e4dy (otedy), okal variants (okal) | okal, otedy | 0.03943 |
| 10 | f104r #11 | okal variants (okal), okar variants (okar) | okair, okal | 0.03907 |
| 11 | f112r #5 | o[fptk]e4dy (okeedy, otedy, ykedy), o[tk]e0-4y (oty) | otedy, oteedy, oty | 0.03748 |
| 12 | f106v #15 | o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oty, okeeey), o-axis of [yo][fptk][ao][lr] (otol), okal variants (okal) | okal, okeoky, okoldy, otedy, oteedy, oty | 0.03619 |
| 13 | f112r #10 | o[fptk]e4dy (otedy), okal variants (qokal, okal), okar variants (okar) | okair, okal, otedy | 0.03481 |
| 14 | f108r #1 | o[fptk]e4dy (okedy, otedy) | otedy, oteedy | 0.03456 |
| 15 | f104r #3 | o-axis of [yo][fptk][ao][lr] (otoly), okar variants (okar), ol[tk] (olkeedy) | okair, okoldy, olkeedy | 0.03449 |
| 16 | f113v #2 | o[fptk]e4dy (otedy, oteedy) | otedy, oteedy | 0.03427 |

| | | | | |
|---|---|---|---|---|
| 17 | f103r #8 | o[fptk]e4dy (oteedy), o[tk]e0-4y (oty, okeeey), okal variants (qokal) | okal, okeoky, oteedy, oty | 0.03415 |
| 18 | f114r #6 | o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oty) | otedy, oteedy, oty | 0.03408 |
| 19 | f114r #9 | o[fptk]e4dy (okeedy, otedy, ykedy), o-axis of [yo][fptk][ao][lr] (otol), okar variants (okair), ol[tk] (olkeedy) | okair, okoldy, olkeedy, otedy, oteedy | 0.03394 |
| 20 | f108r #6 | o[fptk]e4dy (okedy, okeedy, otedy), okol variants (okol) | okol, otedy, oteedy | 0.03228 |
| | | **f83r** | | |
| 1 | f113v #14 | o[fptk]c + e0-4dy (qokcedy), o[tk]e0-4y (oty) | qokcedy, qokey | 0.03469 |
| 2 | f112v #5 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ol[tk] (olkeedy) | ceeol, solkeey | 0.03432 |
| 3 | f108v #8 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (ceeal), o[tk]e0-4y (qokey) | ceeal, ceeol, qokey | 0.03290 |
| 4 | f108v #6 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), o[tk]e0-4y (qokey) | ceeol, qokey | 0.03138 |
| 5 | f111v #5 | ce4a (ceeal) | ceeal | 0.02949 |
| 6 | f113r #7 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), o[fptk]c + e0-4dy (otcedy) | ceeol, otcedy | 0.02787 |
| 7 | f106v #5 | o[fptk]c + e0-4dy (qokcedy) | qokcedy | 0.02734 |
| 8 | f112v #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol) | ceeol | 0.02719 |
| 9 | f112r #4 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), o[tk]e0-4y (okeeey, qokey) | ceeol, qokey | 0.02617 |
| 10 | f107v #15 | o[tk]e0-4y (qokey) | qokey | 0.02554 |
| 11 | f111r #5 | ce4a (ceeal) | ceeal | 0.02495 |
| 12 | f112v #13 | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), cedai4[lrsm \| n] (cedal), o[fptk]c + e0-4dy (qokcedy), o[tk]e0-4y (qokey, oty) | cedal, qokcedy, qokey, raly | 0.02491 |
| 13 | f115r #11 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), so (sol) | ceeol, sol | 0.02470 |
| 14 | f103r #11 | o[tk]e0-4y (qokey) | qokey | 0.02423 |
| 15 | f108r #14 | o[tk]e0-4y (qokey) | qokey | 0.02362 |
| 16 | f106v #8 | cedai4[lrsm \| n] (cedal), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (okcsey), o[fptk]c + e0-4dy (qokcedy) | cedal, otcedy, qokcedy | 0.02270 |
| 17 | f103r #5 | o[tk]e0-4y (oty, qokey) | qokey | 0.02250 |
| 18 | f114r #12 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), o[fptk]c + e0-4dy (otcedy) | ceeol, otcedy | 0.02210 |
| 19 | f111v #1 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (ceeal), cedai4[lrsm \| n] (cseedal), eka (cekal), o[tk]e0-4y (okeeey, qokey) | ceeal, ceeol, cekal, cseedal, qokey | 0.02199 |
| 20 | f114v #5 | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), cedai4[lrsm \| n] (cedal), or[yoa] (okory) | cedal, ceeol, cetorol | 0.02178 |
| | | **f83v** | | |
| 1 | f113v #7 | o[fptk]ai4n (okaiin) | okaiin | 0.05128 |
| 2 | f107v #5 | o[fptk]ai4n (okaiin, otaiin), o[lr]a (soral) | okaiin, ololary | 0.04834 |
| 3 | f112v #2 | o[fptk]ai4n (okaiin, otaiin), o[fptk]c + e0-4dy (qokcedy), okor variants (okor) | okaiin, okcedy, okor | 0.04354 |
| 4 | f103r #10 | o[fptk]ai4n (okaiin) | okaiin | 0.03815 |
| 5 | f107v #12 | o[fptk]ai4n (okaiin) | okaiin | 0.03179 |
| 6 | f104r #11 | o[fptk]ai4n (okaiin) | okaiin | 0.03028 |
| 7 | f113r #11 | o[fptk]ai4n (okaiin) | okaiin | 0.02805 |
| 8 | f113v #9 | o[fptk]ai4n (okaiin, otaiin) | okaiin | 0.02705 |
| 9 | f108r #4 | o[fptk]ai4n (okaiin) | okaiin | 0.02649 |
| 10 | f114v #10 | o[fptk]ai4n (okaiin, otaiin), o-axis of [yo][fptk][ao][lr] (okol) | okaiin, okor | 0.02496 |
| 11 | f107v #2 | o[fptk]ai4n (okaiin) | okaiin | 0.02355 |
| 12 | f114r #3 | o[fptk]ai4n (otaiin), o[fptk]c + e0-4dy (okcedy), o[lr]o (orol) | okaiin, okcedy, ololary | 0.02332 |
| 13 | f111v #7 | o[fptk]ai4n (okaiin) | okaiin | 0.02193 |
| 14 | f114v #12 | o[fptk]ai4n (okaiin, otaiin) | okaiin | 0.02182 |
| 15 | f105v #10 | o[fptk]ai4n (okaiin, otaiin), o-axis of [yo][fptk][ao][lr] (okol) | okaiin, okor | 0.02092 |
| 16 | f114v #8 | o[fptk]ai4n (okaiin, otaiin) | okaiin | 0.02073 |
| 17 | f113r #13 | o[fptk]c + e0-4dy (okcedy) | okcedy | 0.02052 |
| 18 | f103r #6 | [ao][lr][ao][lr] Pipe/Flow (okaral), o[fptk]ai4n (okaiin) | okaiin, ololary | 0.02004 |
| 19 | f106r #12 | o[fptk]ai4n (okaiin) | okaiin | 0.01987 |
| 20 | f107v #10 | o[fptk]ai4n (okaiin, otaiin) | okaiin | 0.01987 |
| | | **f84r** | | |
| 1 | f108r #10 | o[fptk]e4dy (okedy, otedy), okal variants (qokal) | okaly, okedy, otedy | 0.08581 |
| 2 | f112r #9 | o[fptk]e4dy (okedy, okeedy, oteedy), okal variants (okal) | okaly, okedy | 0.06245 |
| 3 | f108r #9 | o[fptk]e4dy (okedy, okeedy, otedy) | okedy, otedy | 0.04998 |
| 4 | f108r #14 | o[fptk]e4dy (okedy, otedy, oteedy) | okedy, otedy | 0.04798 |
| 5 | f108r #1 | o[fptk]e4dy (okedy, otedy) | okedy, otedy | 0.04320 |
| 6 | f108r #6 | o[fptk]e4dy (okedy, okeedy, otedy), okol variants (okol) | okedy, okol, otedy | 0.03684 |
| 7 | f108r #11 | o[fptk]e4dy (okedy, okeedy), okal variants (qokal) | okaly, okedy | 0.03390 |
| 8 | f103r #7 | o[fptk]e4dy (okedy), okal variants (qokal, okaly) | okaly, okedy | 0.03010 |
| 9 | f107v #5 | o[fptk]e4dy (otedy), o[lr]a (soral), okal variants (okal) | okaly, ololal, otedy | 0.02960 |
| 10 | f112r #10 | o[fptk]e4dy (otedy), o[lr]y (ory), okal variants (okal, qokal) | loly, okaly, otedy | 0.02903 |
| 11 | f112r #5 | o[fptk]e4dy (okeedy, otedy, ykedy) | okedy, otedy | 0.02820 |
| 12 | f116r #3 | o[fptk]e4dy (otedy) | otedy | 0.02779 |
| 13 | f103r #10 | o[fptk]e4dy (otedy), okal variants (qokal) | okaly, otedy | 0.02592 |
| 14 | f103v #6 | o[fptk]e4dy (oteedy), o[lr]o (orol), okal variants (qokal) | okaly, okedy, ololal | 0.02498 |
| 15 | f103r #14 | o[fptk]e4dy (otedy, oteedy), okal variants (qokal) | okaly, okedy, otedy | 0.02476 |
| 16 | f108v #2 | o[fptk]e4dy (okedy, okeedy, oteedy), okal variants (qokal, okal) | okaly, okedy | 0.02474 |
| 17 | f108r #2 | o[fptk]e4dy (okedy, otedy), otol variants (otol) | okedy, otedy, otoly | 0.02439 |
| 18 | f107v #4 | eka (cekal), okal variants (okal, qokal), otol variants (otol) | cseekar, okaly, otoly | 0.02353 |
| 19 | f112v #9 | o[fptk]e4dy (okedy) | okedy | 0.02285 |
| 20 | f113v #2 | o[fptk]e4dy (otedy, oteedy) | okedy, otedy | 0.02284 |
| | | **f84v** | | |
| 1 | f108r #10 | ceckey relatives (ceckey), o[fptk]e4dy (okedy, otedy), o[tk]e0-4y (qokey), okal variants (qokal), okar variants (okar) | ceckey, okaly, okar, okeeey, otdy | 0.07507 |
| 2 | f104r #11 | okal variants (okal), okar variants (okar) | okaly, okar | 0.05467 |
| 3 | f112r #9 | o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (qokey), okal variants (okal) | okaly, okeeey, otdy | 0.05356 |
| 4 | f103r #5 | ceckey relatives (ceckey), o[fptk]e4dy (oteedy), o[tk]e0-4y (oty, qokey), okal variants (qokal) | ceckey, okaly, okeeey, otdy | 0.04614 |
| 5 | f108r #14 | o[fptk]e4dy (okedy, otedy, oteedy), o[tk]e0-4y (qokey) | okeeey, otdy | 0.03992 |
| 6 | f116r #2 | ceckey relatives (ceckey), o[fptk]c + e0-4dy (qokcedy), o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oty) | ceckey, okcedy, okeeey, otdy | 0.03774 |

| | | | | |
|---|---|---|---|---|
| 7 | f103v #6 | ceckey relatives (ceckey), o[fptk]e4dy (oteedy), okal variants (qokal), oro (orol) | ceckey, okaly, orog, otdy | 0.03770 |
| 8 | f103r #7 | ceckey relatives (ceckey), o[fptk]e4dy (okedy), okal variants (qokal, okaly) | ceckey, okaly, otdy | 0.03637 |
| 9 | f112r #10 | o[fptk]e4dy (otedy), okal variants (qokal, okal), okar variants (okar), or[yoa] (ory) | okaly, okar, orog, otdy | 0.03504 |
| 10 | f107v #5 | ceckey relatives (ceckey), dairol/soral relatives (soral), o[fptk]e4dy (otedy), okal variants (okal) | ceckey, okaly, otdy, ydaiirol | 0.03478 |
| 11 | f106r #11 | ceckey relatives (ceckey), okal variants (okaly) | ceckey, okaly | 0.03460 |
| 12 | f108v #2 | o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (oty), okal variants (qokal, okal), okar variants (okar, okair) | okaly, okar, okeeey, otdy | 0.03233 |
| 13 | f104v #2 | [yo]c + e4dy (oceedy), so (sol) | oceedy, sol | 0.03151 |
| 14 | f111v #9 | ceckey relatives (ceckey), o[tk]e0-4y (okeeey), so (sol) | ceckey, okeeey, sol | 0.03142 |
| 15 | f108r #9 | o[fptk]e4dy (okedy, okeedy, otedy) | otdy | 0.03009 |
| 16 | f108r #2 | o[fptk]e4dy (okedy, otedy), okar variants (okar) | okar, otdy | 0.02959 |
| 17 | f103r #8 | o[fptk]e4dy (oteedy), o[tk]e0-4y (oty, okeeey), okal variants (qokal) | okaly, okeeey, otdy | 0.02850 |
| 18 | f116r #8 | ceckey relatives (ceckey), o[tk]e0-4y (qokey), okal variants (okal), okar variants (okar, okaral) | ceckey, okaly, okar, okeeey | 0.02827 |
| 19 | f103r #10 | o[fptk]e4dy (otedy), o[tk]e0-4y (qokey), okal variants (qokal) | okaly, okeeey, otdy | 0.02587 |
| 20 | f104r #3 | o[lr][yoa] (otoly), okar variants (okar) | okar, orog | 0.02580 |

Table 31.21: Highest Ranked Balneological Figure Groups for All 293 Section 5 Text Sequences

| Folio | Balneological Figure Set | Section 5 Words | Figure Words | Integrated Score |
|---|---|---|---|---|
| f103r #1 | f75v | ai0-4[dlrsmg][dlrsmg] (daldy), o[fptk]e4dy (okedy), o-axis of [yo][fptk][ao][lr] (okol), or[yoa] (orol) | daldy, ory, otoly, ykedy | 0.01707 |
| f103r #2 | f82v | o[fptk]e4dy (okeedy), o[fptk]edar (okedar), o[tk]e0-4y (qokey) | okedar, okeoky, oteedy | 0.01971 |
| f103r #3 | f82v | o[fptk]e4dy (otedy, oteedy), okal variants (okal) | okal, otedy, oteedy | 0.01758 |
| f103r #5 | f84v | ceckey relatives (ceckey), o[fptk]e4dy (oteedy), o[tk]e0-4y (oty, qokey), okal variants (qokal) | ceckey, okaly, okeeey, otdy | 0.04614 |
| f103r #6 | f75v | [ao][lr][ao][lr] Pipe/Flow (okaral), okal variants (qokal) | darol, qokal | 0.02041 |
| f103r #7 | f75v | a[lr][fptk] (dalkar), o[fptk]e4dy (okedy), okal variants (qokal, okaly) | dalkar, dokal, qokal, ykedy | 0.03646 |
| f103r #8 | f75v | o[fptk]e4dy (oteedy), o[tk]e0-4y (oty, okeeey), okal variants (qokal) | oty, qokal, ykedy | 0.03427 |
| f103r #9 | f83v | o[fptk]ai4n (okaiin) | okaiin | 0.01382 |
| f103r #10 | f75v | o[fptk]e4dy (otedy), o[tk]e0-4y (qokey), okal variants (qokal) | oty, qokal, ykedy | 0.03887 |
| f103r #11 | f83r | o[tk]e0-4y (qokey) | qokey | 0.02423 |
| f103r #12 | f75r | o[fptk]e4dy (okeedy) | okeedy | 0.02000 |
| f103r #13 | f84v | ceckey relatives (ceckey) | ceckey | 0.01566 |
| f103r #14 | f82v | o[fptk]e4dy (otedy, oteedy), okal variants (qokal) | okal, otedy, oteedy | 0.03089 |
| f103r #15 | f75v | okal variants (qokal) | qokal | 0.02180 |
| f103r #16 | f82v | o[fptk]e4dy (oteedy) | oteedy | 0.01392 |
| f103r #18 | f80r | otal variants (otal) | otal | 0.01496 |
| f103v #1 | f84v | ceckey relatives (ceckey), o[fptk]e4dy (okeedy), o[tk]e0-4y (qokey), okal variants (qokal) | ceckey, okaly, okeeey, otdy | 0.02318 |
| f103v #2 | f83v | o[fptk]ai4n (okaiin) | okaiin | 0.00993 |
| f103v #3 | f75v | o[fptk]e4dy (otedy), okal variants (qokal) | qokal, ykedy | 0.01680 |
| f103v #4 | f75r | o[fptk]e4dy (okeedy) | okeedy | 0.01455 |
| f103v #5 | f82v | o[fptk]e4dy (oteedy), o[tk]e0-4y (qokey) | okeoky, oteedy | 0.01771 |
| f103v #6 | f84v | ceckey relatives (ceckey), o[fptk]e4dy (oteedy), okal variants (qokal), oro (orol) | ceckey, okaly, orog, otdy | 0.03770 |
| f103v #8 | f82v | o[fptk]e4dy (oteedy), o[tk]e0-4y (oty, qokey) | okeoky, oteedy, oty | 0.02182 |
| f103v #9 | f75r | o[fptk]e4dy (okeedy, otedy) | okeedy | 0.01778 |
| f103v #10 | f84v | ceckey relatives (ceckey), o[fptk]e4dy (otedy) | ceckey, otdy | 0.01882 |
| f103v #11 | f82v | o[fptk]e4dy (okedy, otedy), o[tk]e0-4y (oty) | otedy, oteedy, oty | 0.02269 |
| f103v #13 | f75v | o[tk]e0-4y (oty) | oty | 0.00899 |
| f103v #14 | f84v | ceckey relatives (ceckey) | ceckey | 0.01934 |
| f104r #1 | f82v | o[fptk]e4dy (otedy, oteedy), okal variants (okal) | okal, otedy, oteedy | 0.02545 |
| f104r #2 | f80r | okal variants (qokal), okar variants (okar), okor variants (okor) | okaly, okar, okory | 0.01401 |
| f104r #3 | f82r | okar variants (okar), ol[tk] (olkeedy), oly (otoly) | okar, olkoky, sokoly | 0.03461 |
| f104r #4 | f80r | o-axis of [yo][fptk][ao][lr] (otol), okal variants (okal), okar variants (okar), otal variants (otal) | okaly, okar, okolo, otal | 0.03282 |
| f104r #5 | f80r | otal variants (otal) | otal | 0.01317 |
| f104r #6 | f83r | o[fptk]c + e0-4dy (qokcedy) | qokcedy | 0.01262 |
| f104r #7 | f84v | ceckey relatives (ceckey), okar variants (okair) | ceckey, okar | 0.01049 |
| f104r #9 | f82v | ece polygraph (otecedy), okal variants (qokal), okol variants (okol) | okal, okol, otecedy | 0.02063 |
| f104r #10 | f75v | okal variants (qokal) | qokal | 0.03633 |
| f104r #11 | f82r | okal variants (okal), okar variants (okar) | okal, okar | 0.06243 |
| f104r #13 | f81v | otai0-4n (otaiin) | otaiin | 0.02526 |
| f104v #1 | f81v | otai0-4n (otaiin) | otaiin | 0.00699 |
| f104v #2 | f84v | [yo]c + e4dy (oceedy), so (sol) | oceedy, sol | 0.03151 |
| f104v #3 | f81v | otai0-4n (otaiin) | otaiin | 0.01602 |
| f104v #4 | f82v | o[fptk]e4dy (oteedy) | oteedy | 0.01033 |
| f104v #5 | f83r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ol[tk] (olkcey) | ceeol, solkeey | 0.01192 |
| f104v #7 | f78r | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary) | ary | 0.00720 |
| f104v #10 | f83r | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol) | ceeol, raly | 0.01449 |
| f104v #11 | f82v | o[fptk]e4dy (okeedy, oteedy) | oteedy | 0.03001 |
| f104v #12 | f78r | od[fptk \| dlrsmg] (odl) | odl | 0.00793 |
| f104v #13 | f84v | o[fptk]e4dy (oteedy), o[tk]e0-4y (okeeey) | okeeey, otdy | 0.02399 |
| f105r #1 | f84v | [yo]c + e4dy (oceedy), o[fptk]c + e0-4dy (otcedy), o[fptk]e4dy (otedy), okar variants (okar) | oceedy, okar, okcedy, otdy | 0.02210 |
| f105r #2 | f82v | o[fptk]e4dy (oteedy) | oteedy | 0.00941 |
| f105r #3 | f75v | o[fptk]e4dy (ykedy) | ykedy | 0.01035 |
| f105r #4 | f82v | o[fptk]e4dy (okeedy, oteedy) | oteedy | 0.01656 |
| f105r #5 | f82v | o[fptk]e4dy (okedy, otedy, oteedy), o[tk]e0-4y (okeeey), o-axis of [yo][fptk][ao][lr] (otol) | okeoky, okoldy, otedy, oteedy | 0.01697 |
| f105r #6 | f84v | o[tk]e0-4y (okeeey) | okeeey | 0.01661 |

| | | | | |
|---|---|---|---|---|
| f105r #8 | f82v | o[fptk]e4dy (oteedy), okar variants (okair), ol[tk] (olkeedy) | okair, olkeedy, oteedy | 0.03052 |
| f105r #9 | f82r | okal variants (okal) | okal | 0.01678 |
| f105r #10 | f82r | okal variants (qokal), oro (orol) | okaldy, orol | 0.02257 |
| f105v #1 | f82v | o[fptk]e4dy (oteedy), okar variants (okair), old (okoldy) | okair, okoldy, oteedy | 0.02650 |
| f105v #2 | f82v | o[fptk]e4dy (otedy), ol[tk] (olkeedy) | olkeedy, otedy | 0.02232 |
| f105v #3 | f83v | o[fptk]ai4n (okaiin, otaiin), o[fptk]c + e0-4dy (qokcedy) | okaiin, okcedy | 0.01002 |
| f105v #4 | f80r | okal variants (okal), okar variants (okair), otal variants (otal) | okair, okaly, otal | 0.02164 |
| f105v #5 | f83v | o[fptk]ai4n (okaiin) | okaiin | 0.01514 |
| f105v #6 | f78r | od[fptk \| dlrsmg] (odl) | odl | 0.01233 |
| f105v #7 | f84r | lk-initial (lkol) | lkol | 0.01734 |
| f105v #8 | f81v | otai0-4n (otaiin) | otaiin | 0.01684 |
| f105v #9 | f81v | otai0-4n (otaiin) | otaiin | 0.02345 |
| f105v #10 | f81v | o[fptk]ai4n (okaiin), ol[tk] (olkal), otai0-4n (otaiin) | olkal, otaiin | 0.02674 |
| f106r #1 | f75v | [yo][fptk]e4d (qoted) | qoted | 0.01188 |
| f106r #2 | f83v | o[fptk]ai4n (okaiin) | okaiin | 0.00795 |
| f106r #3 | f82v | o[fptk]e4dy (oteedy) | oteedy | 0.01883 |
| f106r #4 | f84r | o[fptk]e4dy (otedy) | otedy | 0.01453 |
| f106r #5 | f80r | otal variants (otal) | otal | 0.01732 |
| f106r #6 | f82v | okol variants (okol) | okol | 0.01179 |
| f106r #7 | f77r | o[fptk]e4dy (okeedy), ol[tk] (olkeedy), otol variants (otol) | dotedy, olkoes, otol | 0.01871 |
| f106r #8 | f77r | o[fptk]e4dy (otedy) | otedy | 0.01682 |
| f106r #9 | f81v | otai0-4n (otaiin) | otaiin | 0.01492 |
| f106r #10 | f83v | o[fptk]ai4n (okaiin) | okaiin | 0.01325 |
| f106r #11 | f84v | ceckey relatives (ceckey), okal variants (okaly) | ceckey, okaly | 0.03460 |
| f106r #12 | f83v | o[fptk]ai4n (okaiin) | okaiin | 0.01987 |
| f106r #13 | f81v | otai0-4n (otaiin) | otaiin | 0.02189 |
| f106r #14 | f75v | okal variants (qokal) | qokal | 0.00908 |
| f106r #15 | f82v | o[fptk]e4dy (otedy), o[tk]e0-4y (oty), okal variants (okal) | okal, otedy, oty | 0.02562 |
| f106v #1 | f78r | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (daly), cedai4[lrsm \| n] (cedal), okar variants (okar) | ary, dceedaly, okaral | 0.01236 |
| f106v #2 | f81v | otai0-4n (otaiin) | otaiin | 0.01728 |
| f106v #3 | f83r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol) | ceeol | 0.01737 |
| f106v #4 | f80r | okal variants (qokal), otal variants (otal) | okaly, otal | 0.02057 |
| f106v #5 | f83r | o[fptk]c + e0-4dy (qokcedy) | qokcedy | 0.02734 |
| f106v #6 | f81v | otai0-4n (otaiin) | otaiin | 0.03456 |
| f106v #7 | f82r | okal variants (okal) | okal | 0.01818 |
| f106v #8 | f75v | dl Consonant clusters (odl), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qokcedy), o[fptk]c + e0-4y (okcsey), o[fptk]e4dy (okeedy), okal variants (okal) | dly, dokal, okcsey, ykedy | 0.02719 |
| f106v #9 | f82r | okal variants (okal) | okal | 0.01818 |
| f106v #10 | f81v | ol[tk] (olkeedy), otai0-4n (otaiin) | olkal, otaiin | 0.03282 |
| f106v #12 | f83r | so (sol) | sol | 0.01318 |
| f106v #13 | f75v | o[tk]e0-4y (oty) | oty | 0.01210 |
| f106v #14 | f77r | o[fptk]e4dy (otedy) | otedy | 0.01522 |
| f106v #15 | f82v | o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oty, okeeey), o-axis of [yo][fptk][ao][lr] (otol), okal variants (okal) | okal, okeoky, okoldy, otedy, oteedy, oty | 0.03619 |
| f107r #1 | f81v | otai0-4n (otaiin) | otaiin | 0.01094 |
| f107r #2 | f84v | ceckey relatives (ceckey), o[fptk]e4dy (okeedy) | ceckey, otdy | 0.01323 |
| f107r #3 | f83v | o[fptk]ai4n (okaiin) | okaiin | 0.01445 |
| f107r #4 | f83r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), o[tk]e0-4y (okeeey) | ceeol, qokey | 0.01741 |
| f107r #5 | f81v | ol[tk] (olkeedy), otai0-4n (otaiin) | olkal, otaiin | 0.03282 |
| f107r #6 | f84v | o[tk]e0-4y (okeeey) | okeeey | 0.01214 |
| f107r #7 | f77v | okal variants (qokal), okar variants (okair) | okair, okalo | 0.02242 |
| f107r #8 | f82r | okal variants (okal, qokal) | okal, okaldy | 0.02642 |
| f107r #9 | f82r | okal variants (ykal), oro (orol) | okaldy, orol | 0.01910 |
| f107r #10 | f82r | okal variants (okal), okar variants (okar, okaral) | okairajy, okal, okar | 0.02731 |
| f107r #11 | f81v | o[fptk]ai4n (okaiin), otai0-4n (otaiin) | otaiin | 0.01354 |
| f107r #12 | f80r | okal variants (okal, qokal), otal variants (otal) | okaly, otal | 0.02417 |
| f107r #13 | f80r | otal variants (otal) | otal | 0.01266 |
| f107r #14 | f80r | otal variants (otal) | otal | 0.02633 |
| f107r #15 | f80r | okar variants (okair), otal variants (otal) | okair, otal | 0.03557 |
| f107v #1 | f80r | otal variants (otal) | otal | 0.03376 |
| f107v #2 | f82v | ece polygraph (otecedy), okal variants (qokal), ol[tk] (olkeedy) | okal, olkeedy, otecedy | 0.03048 |
| f107v #4 | f80r | o-axis of [yo][fptk][ao][lr] (otol), okal variants (qokal, okal), ol[tk] (olkal), otal variants (otal) | okaly, okolo, olky, otal | 0.03910 |
| f107v #5 | f83v | o[fptk]ai4n (okaiin, otaiin), o[lr]a (soral) | okaiin, ololary | 0.04834 |
| f107v #6 | f80r | okal variants (okal), ol[tk] (olkal), otal variants (otal) | okaly, olky, otal | 0.02346 |
| f107v #7 | f78r | otas variants (otas) | otas | 0.02221 |
| f107v #8 | f82v | o[tk]e0-4y (oty), okol variants (okol), old (oldy) | okol, okoldy, oty | 0.02315 |
| f107v #9 | f81v | o[fptk]ai4n (okaiin), otai0-4n (otaiin) | otaiin | 0.01875 |
| f107v #10 | f81v | o[fptk]ai4n (okaiin), otai0-4n (otaiin) | otaiin | 0.02031 |
| f107v #11 | f80r | okar variants (okar), ol[tk] (olkeedy) | okar, olky | 0.02589 |
| f107v #12 | f83v | o[fptk]ai4n (okaiin) | okaiin | 0.03179 |
| f107v #14 | f84v | ceckey relatives (ceckey) | ceckey | 0.02349 |
| f107v #15 | f83r | o[tk]e0-4y (qokey) | qokey | 0.02554 |
| f108r #1 | f84r | o[fptk]e4dy (okedy, otedy) | okedy, otedy | 0.04320 |
| f108r #2 | f84v | o[fptk]e4dy (okedy, otedy), okar variants (okar) | okar, otdy | 0.02959 |
| f108r #3 | f75r | o[fptk]e4dy (okedy, okeedy) | okeedy | 0.01334 |
| f108r #4 | f83v | o[fptk]ai4n (okaiin) | okaiin | 0.02649 |

| | | | | |
|---|---|---|---|---|
| f108r #5 | f84v | ceckey relatives (ceckey), okal variants (qokal) | ceckey, okaly | 0.01897 |
| f108r #6 | f84r | o[fptk]e4dy (okedy, okeedy, otedy), okol variants (okol) | okedy, okol, otedy | 0.03684 |
| f108r #7 | f80r | otal variants (otal) | otal | 0.02862 |
| f108r #8 | f84v | c-sequence + e4 + [fptk] + e4 + y (cselkey), o[fptk]e4dy (okedy), okal variants (qokal, okal) | cselkey, okaly, otdy | 0.02292 |
| f108r #9 | f84r | o[fptk]e4dy (okedy, okeedy, otedy) | okedy, otedy | 0.04998 |
| f108r #10 | f84r | o[fptk]e4dy (okedy, otedy), okal variants (qokal) | okaly, okedy, otedy | 0.08581 |
| f108r #11 | f75v | o[fptk]e4dy (okedy, okeedy), okal variants (qokal) | qokal, ykedy | 0.03409 |
| f108r #12 | f82v | o[fptk]e4dy (otedy), o[tk]e0-4y (qokey) | okeoky, otedy | 0.02653 |
| f108r #13 | f84v | o[fptk]e4dy (okedy, okeedy, otedy, oteedy), okar variants (okar) | okar, otdy | 0.02546 |
| f108r #14 | f82v | o[fptk]e4dy (okedy, otedy, oteedy), o[tk]e0-4y (qokey) | okeoky, otedy, oteedy | 0.05583 |
| f108v #1 | f77r | o[fptk]e4dy (otedy) | otedy | 0.00888 |
| f108v #2 | f82v | o[fptk]e4dy (oteedy, okedy, okeedy), o[fptk]edal (otedal), o[fptk]edar (okedar), o[tk]e0-4y (oty), okal variants (qokal, okal), okar variants (okar, okair) | okair, okal, okedar, otedal, oteedy, oty | 0.04991 |
| f108v #3 | f84v | ceckey relatives (ceckey) | ceckey | 0.01265 |
| f108v #4 | f75v | o[fptk]e4dy (okedy), o[tk]e0-4y (oty) | oty, ykedy | 0.01105 |
| f108v #5 | f84v | ceckey relatives (ceckey), o[fptk]e4dy (otedy), okal variants (okal), okar variants (okar) | ceckey, okaly, okar, otdy | 0.01586 |
| f108v #6 | f83r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), o[tk]e0-4y (qokey) | ceeol, qokey | 0.03138 |
| f108v #7 | f82v | o[fptk]e4dy (otedy, oteedy), old (oldy) | okoldy, otedy, oteedy | 0.03042 |
| f108v #8 | f83r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (ceeal), o[tk]e0-4y (qokey) | ceeal, ceeol, qokey | 0.03290 |
| f111r #1 | f84v | ceckey relatives (ceckey), o[fptk]e4dy (oteedy) | ceckey, otdy | 0.01019 |
| f111r #2 | f84v | ceckey relatives (ceckey), c-sequence + e4 + [fptk] + e4 + y (cselkey), o[fptk]e4dy (okeedy, otedy, oteedy), o[lr][yoa] (olaiiin), o[tk]e0-4y (oty, qokey), okar variants (okar) | ceckey, cselkey, okar, okeeey, orog, otdy | 0.01025 |
| f111r #3 | f84v | ceckey relatives (ceckey), o[fptk]e4dy (okedy, okeedy, otedy, oteedy) | ceckey, otdy | 0.01690 |
| f111r #4 | f83r | ce4a (ceeal), o[tk]e0-4y (oty) | ceeal, qokey | 0.01236 |
| f111r #5 | f84v | ceckey relatives (ceckey) | ceckey | 0.02530 |
| f111r #6 | f84v | ceckey relatives (ceckey), okal variants (okal, qokal) | ceckey, okaly | 0.02347 |
| f111v #1 | f83r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (ceeal), cedai4[lrsm \| n] (cseedal), eka (cekal), o[tk]e0-4y (okeeey, qokey) | ceeal, ceeol, cekal, cseedal, qokey | 0.02199 |
| f111v #2 | f83r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ce4a (ceeal) | ceeal, ceeol | 0.00951 |
| f111v #5 | f83r | ce4a (ceeal) | ceeal | 0.02949 |
| f111v #6 | f83r | ce4a (ceeal) | ceeal | 0.01622 |
| f111v #7 | f83v | o[fptk]ai4n (okaiin) | okaiin | 0.02193 |
| f111v #8 | f84v | ceckey relatives (ceckey), o[fptk]e4dy (okedy, okeedy, oteedy), okal variants (qokal) | ceckey, okaly, otdy | 0.01548 |
| f111v #9 | f84v | ceckey relatives (ceckey), o[tk]e0-4y (okeeey), so (sol) | ceckey, okeeey, sol | 0.03142 |
| f111v #10 | f84v | ceckey relatives (ceckey) | ceckey | 0.01993 |
| f112r #1 | f82v | o[fptk]e4dy (oteedy), o[tk]e0-4y (oty, okeeey), ol[tk] (olkeedy) | okeoky, olkeedy, oteedy, oty | 0.03948 |
| f112r #2 | f81v | otai0-4n (otaiin) | otaiin | 0.02345 |
| f112r #3 | f82v | o[fptk]e4dy (okedy, otedy), o[tk]e0-4y (qokey), okal variants (okal) | okal, okeoky, otedy, oteedy | 0.02539 |
| f112r #4 | f83r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), o[tk]e0-4y (okeeey, qokey) | ceeol, qokey | 0.02617 |
| f112r #5 | f82v | o[fptk]e4dy (okeedy, otedy, ykedy), o[tk]e0-4y (oty) | otedy, oteedy, oty | 0.03748 |
| f112r #6 | f84v | ceckey relatives (ceckey), o[fptk]e4dy (oteedy) | ceckey, otdy | 0.01360 |
| f112r #7 | f83v | o[fptk]ai4n (okaiin) | okaiin | 0.01272 |
| f112r #8 | f84v | o[fptk]c + e0-4dy (qokcedy), o[fptk]e4dy (okeedy, otedy) | okcedy, otdy | 0.02110 |
| f112r #9 | f82v | o[fptk]e4dy (okedy, okeedy, oteedy), o[tk]e0-4y (qokey), okal variants (okal) | okal, okeoky, oteedy | 0.07140 |
| f112r #10 | f82r | o[fptk]e4os (okeeos), okal variants (okal, qokal), okar variants (okar), ory (ory) | darory, okal, okaldy, okar, okeeos | 0.04707 |
| f112r #11 | f84v | o[fptk]e4dy (okeedy), o[tk]e0-4y (okeeey), okar variants (okar) | okar, okeeey, otdy | 0.02010 |
| f112v #1 | f75v | o[fptk]e4dy (okedy), o[tk]e0-4y (oty), okal variants (qokal) | oty, qokal, ykedy | 0.01744 |
| f112v #2 | f83v | o[fptk]ai4n (okaiin, otaiin), o[fptk]c + e0-4dy (qokcedy), okor variants (okor) | okaiin, okcedy, okor | 0.04354 |
| f112v #3 | f83r | o[tk]e0-4y (qokey), ol[tk] (olky) | qokey, solkeey | 0.01597 |
| f112v #4 | f82v | o[fptk]e4dy (okeedy), o[tk]e0-4y (qokey), ol[tk] (olkeedy) | okeoky, olkeedy, oteedy | 0.01746 |
| f112v #5 | f83r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), ol[tk] (olkeedy) | ceeol, solkeey | 0.03432 |
| f112v #7 | f81v | otai0-4n (otaiin) | otaiin | 0.01824 |
| f112v #8 | f82v | o[fptk]e4dy (okeedy), ol[tk] (olkeedy) | olkeedy, oteedy | 0.01951 |
| f112v #9 | f84r | o[fptk]e4dy (okedy) | okedy | 0.02285 |
| f112v #10 | f84v | o[fptk]e4dy (okeedy), okar variants (okar) | okar, otdy | 0.01628 |
| f112v #11 | f81v | otai0-4n (otaiin) | otaiin | 0.02265 |
| f112v #12 | f83r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol) | ceeol | 0.02719 |
| f112v #13 | f75v | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), ai0-4[dlrsmg][dlrsmg] (daldy), o[fptk]c + e0-4 + y \| dy \| o[dlrs]y (qokcedy), o[tk]e0-4y (qokey, oty), okal variants (okal), otol variants (otol) | daldy, dary, dokal, okcsey, otoly, oty | 0.02806 |
| f113r #1 | f75v | o[fptk]e4dy (okeedy), o[tk]e0-4y (oty) | oty, ykedy | 0.01532 |
| f113r #2 | f80r | okol variants (okol), ol[tk] (olkeedy), otal variants (otal) | okolo, olky, otal | 0.01532 |
| f113r #3 | f80r | otal variants (otal) | otal | 0.01317 |
| f113r #6 | f82v | o[fptk]e4dy (okeedy), ol[tk] (olkeedy) | olkeedy, oteedy | 0.01250 |
| f113r #7 | f83r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), o[fptk]c + e0-4dy (otcedy) | ceeol, otcedy | 0.02787 |
| f113r #8 | f75v | okal variants (qokal) | qokal | 0.01211 |
| f113r #9 | f75r | o[fptk]e4dy (okeedy) | okeedy | 0.01600 |
| f113r #10 | f82v | o[fptk]e4dy (oteedy) | oteedy | 0.00970 |
| f113r #11 | f83v | o[fptk]ai4n (okaiin) | okaiin | 0.02805 |
| f113r #12 | f80r | okar variants (okar) | okar | 0.01366 |
| f113r #13 | f80r | otal variants (otal) | otal | 0.02057 |
| f113r #14 | f83v | o[fptk]ai4n (okaiin) | okaiin | 0.00993 |
| f113r #15 | f83r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol) | ceeol | 0.01251 |
| f113r #16 | f83r | eka (cekal), o[tk]e0-4y (okeeey), ol[tk] (olkal) | cekal, qokey, solkeey | 0.01089 |
| f113v #1 | f81v | otai0-4n (otaiin) | otaiin | 0.00995 |
| f113v #2 | f82v | o[fptk]e4dy (otedy, oteedy) | otedy, oteedy | 0.03427 |
| f113v #3 | f82v | o[fptk]e4dy (oteedy) | oteedy | 0.01104 |
| f113v #4 | f77r | o[fptk]e4dy (otedy), otol variants (otol) | otedy, otol | 0.02032 |
| f113v #5 | f82v | okal variants (okal), okol variants (okol) | okal, okol | 0.01931 |

| | | | | |
|---|---|---|---|---|
| f113v #6 | f82r | okal variants (okal), okar variants (okar) | okal, okar | 0.02340 |
| f113v #7 | f83v | o[fptk]ai4n (okaiin) | okaiin | 0.05128 |
| f113v #8 | f81v | otai0-4n (otaiin) | otaiin | 0.02526 |
| f113v #9 | f83v | o[fptk]ai4n (okaiin, otaiin) | okaiin | 0.02705 |
| f113v #10 | f82r | okal variants (okal) | okal | 0.01558 |
| f113v #11 | f80r | okar variants (okar) | okar | 0.01929 |
| f113v #12 | f81v | otai0-4n (otaiin) | otaiin | 0.00966 |
| f113v #13 | f81v | otai0-4n (otaiin) | otaiin | 0.02432 |
| f113v #14 | f83r | o[fptk]c + e0-4dy (qokcedy), o[tk]e0-4y (oty) | qokcedy, qokey | 0.03469 |
| f113v #15 | f82v | o[fptk]e4dy (oteedy), okal variants (okal) | okal, oteedy | 0.02158 |
| f114r #1 | f84r | o[fptk]e4dy (okedy) | okedy | 0.01391 |
| f114r #2 | f75v | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (dary) | dary | 0.00895 |
| f114r #3 | f83v | o[fptk]ai4n (otaiin), o[fptk]c + e0-4dy (okcedy), o[lr]o (orol) | okaiin, okcedy, ololary | 0.02332 |
| f114r #4 | f83v | o[fptk]ai4n (okaiin), o[fptk]c + e0-4dy (qokcedy) | okaiin, okcedy | 0.01854 |
| f114r #5 | f75v | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary), ai0-4[dlrsmg][dlrsmg] (daldy), o[tk]e0-4y (qokey), otol variants (otol) | daldy, dary, otoly, oty | 0.01609 |
| f114r #6 | f75v | [yo][fptk]e4d (qoted), o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oty) | oty, qoted, ykedy | 0.03458 |
| f114r #8 | f82v | okar variants (okar), okol variants (okol) | okair, okol | 0.01124 |
| f114r #9 | f82v | o[fptk]e4dy (okeedy, otedy, ykedy), o-axis of [yo][fptk][ao][lr] (otol), okar variants (okair), ol[tk] (olkeedy) | okair, okoldy, olkeedy, otedy, oteedy | 0.03394 |
| f114r #10 | f81v | otai0-4n (otaiin) | otaiin | 0.01492 |
| f114r #11 | f80r | okal variants (qokal), otal variants (otal) | okaly, otal | 0.01234 |
| f114r #12 | f83r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), o[fptk]c + e0-4dy (otcedy) | ceeol, otcedy | 0.02210 |
| f114r #13 | f81v | otai0-4n (otaiin) | otaiin | 0.00842 |
| f114v #1 | f75v | [yo][fptk]e4d (qoted), o[fptk]e4dy (okeedy), okal variants (okaly), otol variants (otol) | dokal, otoly, qoted, ykedy | 0.01828 |
| f114v #2 | f81v | otai0-4n (otaiin) | otaiin | 0.01728 |
| f114v #4 | f84v | [yo]c + e4dy (oceedy) | oceedy | 0.01385 |
| f114v #5 | f83r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), cedai4[lrsm \| n] (cedal), or[yoa] (okory) | cedal, ceeol, cetorol | 0.02178 |
| f114v #6 | f75v | okal variants (qokal) | qokal | 0.02180 |
| f114v #7 | f83r | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (dary), o[fptk]c + e0-4dy (qokcedy) | qokcedy, raly | 0.01702 |
| f114v #8 | f81v | o[fptk]ai4n (okaiin), otai0-4n (otaiin) | otaiin | 0.02120 |
| f114v #9 | f78r | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary) | ary | 0.01325 |
| f114v #10 | f80r | okol variants (okol), otal variants (otal) | okolo, otal | 0.02574 |
| f114v #11 | f84v | ceckey relatives (ceckey) | ceckey | 0.01315 |
| f114v #12 | f81v | o[fptk]ai4n (okaiin), otai0-4n (otaiin) | otaiin | 0.02555 |
| f115r #1 | f82v | o[fptk]e4dy (otedy, oteedy) | otedy, oteedy | 0.02284 |
| f115r #3 | f83r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol) | ceeol | 0.01646 |
| f115r #5 | f83r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), o[fptk]c + e0-4dy (otcedy) | ceeol, otcedy | 0.01589 |
| f115r #7 | f78r | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (ary) | ary | 0.00828 |
| f115r #9 | f83v | o[fptk]ai4n (okaiin) | okaiin | 0.00600 |
| f115r #11 | f83r | [fptk \| dlrsmg] + c \| c[s \| fptk] + e4o[dlrsmg] (ceeol), so (sol) | ceeol, sol | 0.02470 |
| f115r #12 | f75v | lc-initial (lcey) | lcey | 0.02058 |
| f115v #1 | f84v | o[fptk]c + e0-4dy (okcedy, qokcedy), oi (roiin) | okcedy, roiin | 0.01790 |
| f115v #2 | f83v | okor variants (okor) | okor | 0.01660 |
| f115v #3 | f84v | o[fptk]c + e0-4dy (otcedy), okar variants (okar) | okar, okcedy | 0.01823 |
| f115v #5 | f83r | o[tk]e0-4y (qokey) | qokey | 0.00643 |
| f115v #6 | f80r | otal variants (otal) | otal | 0.01219 |
| f115v #7 | f77r | o[fptk]e4dy (otedy) | otedy | 0.01332 |
| f115v #8 | f66r Poison + Double-Gutter Key | o[tk]e4s (ykees) | ykees | 0.00723 |
| f115v #10 | f78r | cedai4[lrsm \| n] (cedal), okar variants (okar) | dceedaly, okaral | 0.01371 |
| f115v #13 | f75v | [fptk \| dlrsmg] + ai4[dlrsmg \| n] + y-suffix (dary), o[tk]e0-4y (oty, qokey) | dary, oty | 0.02114 |
| f116r #1 | f80r | otal variants (otal) | otal | 0.01062 |
| f116r #2 | f82v | o[fptk]e4dy (otedy, oteedy), o[tk]e0-4y (oty) | otedy, oteedy, oty | 0.04248 |
| f116r #3 | f77r | o[fptk]e4dy (otedy) | otedy | 0.02779 |
| f116r #4 | f80r | otal variants (otal) | otal | 0.00645 |
| f116r #5 | f82v | o[fptk]e4dy (okeedy, oteedy), o[fptk]edal (otedal) | otedal, oteedy | 0.03128 |
| f116r #6 | f82v | o[fptk]e4dy (okeedy, otedy, oteedy), o[tk]e0-4y (oty, qokey), okal variants (qokal, okal, okaly), okar variants (okar) | okair, okal, okeoky, otedy, oteedy, oty | 0.02466 |
| f116r #7 | f75v | lc-initial (lcey), o[tk]e0-4y (qokey) | lcey, oty | 0.00482 |
| f116r #8 | f84v | ceckey relatives (ceckey), o[tk]e0-4y (qokey), okal variants (okal), okar variants (okar, okaral) | ceckey, okaly, okar, okeeey | 0.02827 |

Table 32.1: Plants Lacking Usage Property and Herbal Ingredient Conflicts in Association Validation Tests

| Plants with No Usage Property Conflicts | Identification Strength |
|---|---|
| **f3v Mugwort/Wormwood Subtype (not Vulgaris)** | **0.400** |
| f5v Mallow | 1.000 |
| f10v Snakeshead (Fritillaria) | 1.000 |
| **f11r Tetterwort/Greater Celandine** | **0.200** |
| f13r Rhubarb | 0.800 |
| f16v Devil in the Bush and Cobweb Houseleek | 0.200 |
| f18v "koldarod" Agrimony Candidate #1 | 0.800 |
| f21r Paper/Sun Spurge (Wartwort) or Rupturewort | 0.600 |
| f22r Crimson Clover | 0.400 |
| f23r Agrimony Candidate #2 | 0.800 |
| f23v Borage | 1.000 |
| f26v Alder Relative | 0.200 |
| f27r #1 Bay Laurel | 0.600 |
| f27r #2 Hazelwort (aka Snakeroot) or Catsfoot | 0.800 |
| f29r Aloe Species | 0.600 |
| f32v (f102r2 #2) Tormentil | 0.600 |
| f35v Maidenhair | 1.000 |
| f37r Danewort (Sambucus Ebulus) | 0.400 |
| **f41r Spikenard (not Ploughman's)** | **0.600** |
| f42r #1-2 Sorrel and Wood Sorrel | 1.000 |
| **f44v Colocynth** | **0.200** |
| f45r Stinging Nettle | 0.200 |
| f47v Lungwort | 0.600 |
| f48r Buttercup #1 "dairokoy" (Ranunculus #1) | 0.600 |
| f51v Juniper | 1.000 |
| f52r Pasqueflower | 1.000 |
| f55r Geranium/Herb Robert | 0.600 |
| f56r Drosera Intermedia | 0.800 |
| **f65r Fennel, Celeriac or Sanicula** | **0.400** |
| f90r1 Scabious or Carthamus | 0.400 |
| f90r2 Pennywort Composite | 0.200 |
| **f90v2 Tansy or Hairy Fleabane** | **0.800** |
| f93v White/Red Bryony | 0.800 |
| **f94v Orris Root** | **1.000** |
| f95r1 Bearberry | 0.800 |
| f95r2 Fumitory #2 | 0.800 |
| f95v1 Hollyhock | 1.000 |

| Plants with No Herbal Ingredient Conflicts | Identification Strength |
|---|---|
| f2r Centaurea Benedicta/Cyanus/Diffusa | 1.000 |
| f2v Nymphoides/Water Lily | 1.000 |
| **f3v Mugwort/Wormwood Subtype (not Vulgaris)** | **0.400** |
| f8r Libbard's Bane Candidate #1 | 1.000 |
| **f11r Tetterwort/Greater Celandine** | **0.200** |
| f11v Orpine/Orpin Root | 0.600 |
| f15v Paris Quadrifolia | 1.000 |
| f24v Daylily (Hemerocallis) | 0.800 |
| f30r Lily of the Valley | 0.600 |
| f33r Henbane | 0.600 |
| f34v Pomegranate | 0.800 |
| f40r Carnation Type #2 | 0.200 |
| **f41r Spikenard (not Ploughman's)** | **0.600** |
| f42v European Columbine | 0.600 |
| **f44v Colocynth** | **0.200** |
| f52v Scorpion Weed/Tail (Heliotrope) | 0.600 |
| f55v Turmeric or Clove | 0.200 |
| **f65r Fennel, Celeriac or Sanicula** | **0.400** |
| **f90v2 Tansy or Hairy Fleabane** | **0.800** |
| **f94v Orris Root** | **1.000** |

Table 32.2: Plants Exhibiting Association Conflicts with 1 or More of 10 Selected Usage Properties

| Figure | ID | Discrepancies | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Toxicity | Anthelmintic | Large Creature Bite or Blood | Small Creature Bite | Burn | Musculo-Skeletal | Beautification | Menstrual | Breast |
| **Discrepancy Count = 5** | | | | | | | | | | |
| f51r Phryne or German Madwort | 0.400 | | kolotam, okam, qoetam | | yoees | ykceo | oteodaiin | | tceoldcey, ykeoldy | |
| **Discrepancy Count = 4** | | | | | | | | | | |
| f41v Apiaceae Umbelliferae | 1.000 | | | keoy | | | okeody, oteodar, oteody, qokeody, ykeeody | ofcedy, ypceedy | old | |
| **Discrepancy Count = 3** | | | | | | | | | | |
| f3r Sawtooth Spurge | 1.000 | | | | qosceodam | | okodaiin, otceody, qokody, yteody | | pceeoldom | |
| f15r Sow Thistles | 0.600 | | dom | | ceoros | otceo | | | | |
| f17v Smilax | 0.600 | | okeom, om | | os | qokceeo | | | | |
| f20r Viper's Bugloss | 0.600 | qocey | | | | | qoteeody | | ceokoldy | |
| f20v Asphodeline | 0.400 | pofoceey | | | sos | | | | ceoldy | |
| f31v Disambiguation of Foxglove/Throatwort | 0.600 | | okam | | oeeeos, okeeos, okeos, otas, ykeos, ytceos | | okeody | | | |
| f34v Pomegranate | 0.800 | | | | loees | | | okcedy, qokcedy, opcedy, ypcedy | oldaiin, oldam, oldar, qoldar | |
| f37v European Aspen | 0.600 | | tom | | osceo | osceo | | | | |
| f38r Rhinanthus - Alpine Rattlespot | 0.200 | | | okoy | kos | | | | ckeoldy | |
| f46v Greater Fleabane | 1.000 | | om | | | | | opceedy, otcedy, ykcedy | oldy | |
| f50r Drosera Species | 0.800 | | okam | | osam | | okeody | | | |
| f50v Alpine Snowbell | 0.600 | | | oeeey | | | | cseotcedy, okcedy, opceedy, qokcedy, qotcedy | | ols |
| f93r Scabwort or Middle/Common Fleabane | 0.800 | yceey | | | | qokceo | | | | ceotols,teols |
| f94r Moonwort | 1.000 | | | | opais, osain | | otody | dytcedy, qotcedy | | |
| f95v2 Common Baneberry/Toadroot | 1.000 | | | | | | okody | ofcedy | | olsain |
| **Discrepancy Count = 2** | | | | | | | | | | |
| f4r Rosemary Heather | 1.000 | | | ytoy | | | | | cpeoldy | |
| f4v Rampion | 1.000 | | | | | | ceokeody, ceokody, okeody | | ceoldy | |
| f5r Winter Wolfsbane | 1.000 | | | | | qotceeo, qotceo | | | | ceolols,olsy |
| f9r European Holly | 0.600 | | | | | ceokceo, olcseo, qotceo | | | dcseoldy | |
| f10r Chicory/Endive | 1.000 | | | oykceor | os, osain | | | | | |
| f18r Helichrysum "Snake Rose" | 0.800 | ycey | om | | | | | | | |
| f19r Valerian Composite | 0.800 | | | | | qokceo | | | ceoldy | |
| f21v Dittany Disambiguation | 0.400 | | | | oeeesoy | ykceo | | | | |
| f25v Asp of Jerusalem (Woad) | 1.000 | | | | sos | qokceo | | | | |
| f28r Smearwort/Adder's Tongue Relative | 1.000 | | | | | okcseo | ceokod | | | |
| f29v German Speedwell | 0.600 | | | | | qotceo | | | cteold | |
| f35r Umbrella Liverwort | 0.400 | ceocey | | | | | | | koldy | |
| f36v Galium Aparine (Cleavers) | 0.600 | | dom, qoforom | | os | | | | | |
| f40v Vampirecup Infection of Colchicum | 0.200 | | okam, qokaim | | toees | | | | | |
| f46r Flea Seed (Plantago/Plantain Composite) | 0.200 | | | | | | | opceedy, qokcedy, qopcedy, sayfceedy, ypceedy, ytcedy | aloldy | |
| f49r Lesser Celandine (Ranunculus #3) | 0.600 | | | | | qotceo | | | | qolsor |
| f54r Woundwort (Stachys) | 0.800 | | | | | | okceody, okeodaiin | | koldy, oldam | |
| f55v Turmeric or Clove | 0.200 | | otam | | | | | | oldy | |
| f90v1 Hedge Mustard | 0.400 | | | | | | okeceod, okeeodaiin, okeeody, yteody | | | oleees |
| Discrepancy Count = 1 | | | | | | | | | | |
| f1v Nightshade/Belladonna | 1.000 | | | | | otceo | | | | |
| f2r Centaurea Benedicta/Cyanus/Diffusa | 1.000 | | | | | | | | ytoldy | |
| f2v Nymphoides/Water Lily | 1.000 | | | | ceokeos, loeees | | | | | |
| f6r Hawkweed/Hawksbeard | 0.400 | | | | | | | | | ceotols |
| f6v Ricin | 1.000 | | | | | | okody, qokceod, ytody | | | |
| f7r Starflower | 0.800 | ceocey, kcseoloceey, loceey, ocey, yceey | | | | | | | | |
| f7v Bitter/Blue Fleabane | 0.800 | | | | | cseotceo, okcseo | | | | |
| f8r Libbard's Bane Candidate #1 | 1.000 | | | | koes | | | | | |
| f8v Comfrey | 1.000 | | om | | | | | | | |
| f9v Viola Tricolor (Pansy) | 1.000 | | | | | | | | toldy, ytoldy | |
| f11v Orpine/Orpin Root | 0.600 | | | | | | | | poldceody, sceold | |
| f13v Honeysuckle | 0.600 | | | | | | | | | ols |
| f14r Black Salsify or Viper's Grass | 1.000 | | | | | otceo | | | | |
| f14v Wood Betony | 0.600 | ycey | | | | | | | | |
| f15v Paris Quadrifolia | 1.000 | | | | | | | | | ols |
| f16r Hyssop (or Cannabis) | 1.000 | | | | | | otody | | | |
| f17r Aristolochia Lanceolata | 0.600 | | | | | qofceo | | | | |
| f19v Nailwort/Hairy Forked Chickweed | 0.600 | | darom, dom, otam | | | | | | | |
| f22v Peony Subspecies | 0.200 | | otam | | | | | | | |
| f24r Silene Latifolia | 1.000 | | om, otam | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| f24v Daylily (Hemerocallis) | 0.800 | | | | | dlos, oesearees, okoeos,otceos | | | | |
| f25r Balm of Gilead "dair otaiir otosy" | 0.200 | | | | | | | | | cpeoldy, fceoldy, oceoldy |
| f26r Black Alder | 0.400 | | | | oloy, qoy | | | | | |
| f27v Myrtle Communis | 0.800 | | | | | | okceo, okcseo, ykceo | | | |
| f28v Citron Digitata | 0.200 | | | | | | | qokceody | | |
| f30r Lily of the Valley | 0.600 | | | | | | | | | ceeoldain |
| f30v Spindle or Dog's Mercury | 0.600 | | | | | | | ceokeody, qotceod | | |
| f31r Feverfew | 0.600 | | | | | | | | qofceedy | |
| f32r Basil | 0.600 | | | | | | otceo, ytcseo | | | |
| f33r Henbane | 0.600 | | | | | | | | | oldor, yfoldy |
| f34r Cowbane | 0.600 | | | | | ysair | | | | |
| f36r Sycamore/Maple Composite | 0.200 | | rom | | | | | | | |
| f38v Jovibarba | 0.600 | | okom | | | | | | | |
| f39r Fumitory #1 | 0.600 | | | | | | | | | dold |
| f39v Carnation #1 or Morning Glory | 0.200 | | | | | | | okody | | |
| f40r Carnation Type #2 | 0.200 | yceeey, yceey | | | | | | | | |
| f42v European Columbine | 0.600 | | | | | | | ceotody, qokod | | |
| f43r Creeping or Cursed Buttercup | 0.400 | | otam, ykam, ytam | | | | | | | |
| f43v #1 Motherwort, #2 | both | | | | | | | okeody, oteod, oteody, ykeody | | |
| Snakeweed/Easter Ledges | 0.6 | | | | | | | | | |
| f44r Purslane | 0.800 | | | | oyd, toy | | | | | |
| f45v Lavender | 0.600 | | | | | | | | | dceoldy |
| f47r Houseleek | 0.600 | | | | | | | | | ceoldy |
| f48v Bulbous Buttercup | 0.600 | | | | | | | | | loldy, oldy, otoldy |
| f49v Liverwort | 0.400 | | ceokam | | | | | | | |
| f52v Scorpion Weed/Tail (Heliotrope) | 0.600 | | | | | | | | | sols |
| f56v Figwort (Scrophularia) | 0.200 | | | | | | ceokceo,qokceo | | | |
| f57r Licebane vs. Blue Field Madder | 0.500 | | | | | | | | okcedy | |
| f66v Houndstongue | 0.600 | | | | | | | ceokeody, okeody | | |
| f87r Fleawort | 0.800 | | | | | | | ceokeeody, oteody | | |
| f87v #1 Primrose, #2 Lousewort | both 1 | | | | | | ykcseo, ytceeo | | | |
| f96r Black Hellebore | 0.600 | | | | | | ceopceo, otceo | | | |
| f96v Black Bryony | 1.000 | | | | soy | | | | | |

Table 32.3: Plants Exhibiting Association Conflicts with 1 or More of 5 Selected Herbal Ingredient Properties

| Figure | ID | Discrepancies | | | | |
|---|---|---|---|---|---|---|
| | | Roots/Rhizomes | Leaves | Flowers/Fruits/Stems | Oil-Sap-Juice | Seeds/Rhizomes |
| **Discrepancy Count = 4** | | | | | | |
| f31v Disambiguation of Foxglove/Throatwort | 0.600 | ceeor | | ceeody,kceody,pceeeody | ceeom | ceeos,ckeeos |
| **Discrepancy Count = 3** | | | | | | |
| f4v Rampion | 1.000 | | ceol,cteol | cpeody,cseody | ceeom | |
| f7v Bitter/Blue Fleabane | 0.800 | ceeor,ceor,kceor | ceeol,cseol,cteol | ceeeody,cseeod,tceody | | |
| f29r Aloe Species | 0.600 | ceeor,ceor,cseor,cteor,dceor | | ceeod | | ceos,cseeos,cseos |
| f42r #1-2 Sorrel and Wood Sorrel | 1.000 | ceor,cseeor,cseor,cteor | | ceody,pceody | | ceos,cseos |
| f54r Woundwort (Stachys) | 0.800 | | ceol,ckeol | | ceom | ckeos |
| f90v1 Hedge Mustard | 0.400 | ceeor,cseeor,pceeor,tcseor | ceeol,ceol,cseeol,cseol | | | ceeos,cfeeos |
| **Discrepancy Count = 2** | | | | | | |
| f3r Sawtooth Spurge | 1.000 | | ceeol,ceol,cseeol,cseol,cteol, pceeol | ceeody | | |
| f4r Rosemary Heather | 1.000 | ceor,cseor,dceor | | | ceom,cteom | |
| f6r Hawkweed/Hawksbeard | 0.400 | | | cteeod | | ceos |
| f6v Ricin | 1.000 | | ceol,cteol | tceody | | |
| f7r Starflower | 0.800 | ceor,cseor | | | | kceos |
| f9r European Holly | 0.600 | ceor,cseor,cteor | | ceody,cteod | | |
| f14r Black Salsify or Viper's Grass | 1.000 | | fceol,sceol | ceod,ceody | | |
| f16r Hyssop (or Cannabis) | 1.000 | ceor,cseor,tceor | | cseody | | |
| f16v Devil in the Bush and Cobweb Houseleek | 0.200 | ceor,cseory,cteor | | ceody,cpeod | | |
| f18r Helichrysum "Snake Rose" | 0.800 | ceor,cseor,cteor,kceor,tceor | ceol,ckeol,cteol | | | |
| f20v Asphodeline | 0.400 | | ceeol,ceol,cpeol,cseol,kceol ,tcseol | | | ceeos,cseos |
| f21v Dittany Disambiguation | 0.400 | | ceol,ckeoly,lceol,tceol | ceody | | |
| f27r #1 Bay Laurel | 0.600 | ceor | | | | ceos |
| f27r #2 Hazelwort (aka Snakeroot) or Catsfoot | 0.800 | | | cseod,cteody | | ceos |
| f28r Smearwort/Adder's Tongue Relative | 1.000 | cseor,dcseor | | cseod,cteody | | |
| f28v Citron Digitata | 0.200 | ceeor,ceor,cseor,cseory,cteor | ceol,ceoly,cseeol,cteol,kcseol, pceol | | | |
| f29v German Speedwell | 0.600 | | | cseody,cteod,cteody | | tceos |
| f35r Umbrella Liverwort | 0.400 | cseor,cteory,tceor | ceol,ceoly,ckeol,cseol,cteol | | | |
| f35v Maidenhair | 1.000 | ceor,cseory,dceor,kceor,tceor | ceeol,ceol,ceoly,cseol,dceol | | | |
| f37v European Aspen | 0.600 | ceor,cteor,dceor,dcseor | ceol,cseoly,cteol | | | |
| f38v Jovibarba | 0.600 | ceor | | ceeod,ceody | | |
| f41v Apiaceae Umbelliferae | 1.000 | | ceol | pceeody | | |
| f45r Stinging Nettle | 0.200 | cseor,pceor | | | cteom | |
| f45v Lavender | 0.600 | ceor,cpeor,cseor,dcseor | ceeol,ceol,kceol | | | |
| f46r Flea Seed (Plantago/Plantain Composite) | 0.200 | ceeor,cseor | | ceody | | |
| f47r Houseleek | 0.600 | ceor,kceor | | tceod | | |
| f49r Lesser Celandine (Ranunculus #3) | 0.600 | ceor,cseeor,cseor,dceor,pceor | | ceody,cseod,cteod | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| f49v Liverwort (Ranunculus #4) | 0.400 | ceeor,ceor,kceor,kcseor | | | | kceos |
| f50r Drosera Species | 0.800 | | tcseol | | | cseos |
| f52r Pasqueflower | 1.000 | ceor,cseor | | | dceom,tceom | |
| f56v Figwort (Scrophularia) | 0.200 | ceor,cseor | | | | ckeos |
| f87r Fleawort | 0.800 | ceeor,ceeory,ceor,cseeor | | | | ceeos,cseos, cteos, fceeos, tceos |
| f87v #1-2 Primrose, Lousewort | 1.000 | | | ceeody,cseody,dceeody | | ceeos,ceos,ckeeos,cteosy, dceeos |
| f90r1 Scabious or Carthamus | 0.400 | ceor,cseeor,cseor | ceol,cseeol | | | |
| f94r Moonwort | 1.000 | ceeor,cseor | | ceeody | | |
| f95v1 Hollyhock | 1.000 | tcseor | | | | cseeos |
| f96r Black Hellebore | 0.600 | | | ceeody,ckeeody,cteody | | ceos,ckeeos |
| f96v Black Bryony | 1.000 | | ckeeol | | | cpeeos,dcseeos,pcseeos |
| **Discrepancy Count = 1** | | | | | | |
| f1v Nightshade/Belladonna | 1.000 | cseor,dceor | | | | |
| f5r Winter Wolfsbane | 1.000 | | | ceody,cseeody,cseody,kcseody | | |
| f5v Mallow | 1.000 | ceor,cteor | | | | |
| f8v Comfrey | 1.000 | | | ceodey | | |
| f9v Viola Tricolor (Pansy) | 1.000 | ceor,cseor,cteor,dceor,pceor | | | | |
| f10r Chicory/Endive | 1.000 | ceor,cseor,cteor | | | | |
| f10v Snakeshead (Fritillaria) | 1.000 | | ceol,kceol | | | |
| f13r Rhubarb | 0.800 | | ceol,cfeol,cseol,dceol,kceol | | | |
| f13v Honeysuckle | 0.600 | cseor,cteor,kceor | | | | |
| f14v Wood Betony | 0.600 | cteor | | | | |
| f15r Sow Thistles | 0.600 | | | | | ceos |
| f17r Aristolochia Lanceolata | 0.600 | | | ckeody,fcseody | | |
| f17v Smilax | 0.600 | | | | ceom | |
| f18v "koldarod" Agrimony Candidate #1 | 0.800 | ceor | | | | |
| f19r Valerian Composite | 0.800 | | ceol | | | |
| f19v Nailwort/Hairy Forked Chickweed | 0.600 | ceor,cteor,kceor | | | | |
| f20r Viper's Bugloss | 0.600 | ceor,dceor | | | | |
| f21r Paper/Sun Spurge (Wartwort) or Rupturewort | 0.600 | ceeor,ceor,cteor,dceor,pceor | | | | |
| f22r Crimson Clover | 0.400 | ceor,cteeor,cteor,dceor,dcseeor,sceor | | | | |
| f22v Peony Subspecies | 0.200 | | ceol,cseol,tceol | | | |
| f23r Agrimony Candidate #2 | 0.800 | ceor | | | | |
| f23v Borage | 1.000 | ceor,cseor | | | | |
| f24r Silene Latifolia | 1.000 | | ceeol,ceol,cteol | | | |
| f25r Balm of Gilead "dair otaiir otosy" | 0.200 | ceor,cteor | | | | |
| f25v Asp of Jerusalem (Woad) | 1.000 | ceor,cteor,dceor,dcseor,kceor | | | | |
| f26r Black Alder | 0.400 | | | | | ceeos,cseeos |
| f26v Alder Relative | 0.200 | | | | | ceeeos,ceeos |
| f27v Myrtle Communis | 0.800 | ceor,kceor | | | | |
| f30v Spindle or Dog's Mercury | 0.600 | | ceeol,cteol | | | |
| f31r Feverfew | 0.600 | | ceeol,cseeol | | | |
| f32r Basil | 0.600 | ceor,cseeor,dceor,dcseor,sceor | | | | |
| f32v (f102r2 #2) Tormentil | 0.600 | | ceol,cpeol,cteol,dceol | | | |
| f34r Cowbane | 0.600 | | | ceody,cseeody,cseod | | |
| f36r Sycamore/Maple Composite | 0.200 | cpeor,cseor,cteor | | | | |
| f36v Galium Aparine (Cleavers) | 0.600 | ceory,ckeor,cteor,tceor | | | | |
| f37r Danewort (Sambucus Ebulus) | 0.400 | ceory, ckeor, cseeor, cseor, cseory, cteor, dceor | | | | |
| f38r Rhinanthus - Alpine Rattlespot | 0.200 | ceor | | | | |
| f39r Fumitory #1 | 0.600 | ceor | | | | |
| f39v Carnation Type #1 or Morning Glory/Bindweed | 0.200 | | ceol,ckeol | | | |
| f40v Vampirecup Infection of Colchicum | 0.200 | | cseol | | | |
| f43r Creeping or Cursed Buttercup | 0.400 | | | ceeody,ceody,cseeody,cseody | | |
| f43v #1-2 Motherwort, Snakeweed/Easter Ledges | 0.600 | | | ceeody,ceody,cseeody | | |
| f44r Purslane | 0.800 | ceor,dcseor | | | | |
| f46v Greater Fleabane | 1.000 | | | ceody | | |
| f47v Lungwort | 0.600 | ceeor,ceor,ceory | | | | |
| f48r Buttercup #1 "dairokoy" (Ranunculus #1) | 0.600 | | | ceeody,cseeody | | |
| f48v Bulbous Buttercup (Ranunculus #2) | 0.600 | | | ceody,cseody | | |
| f50v Alpine Snowbell | 0.600 | | | ceody | | |
| f51r Phryne or German Madwort | 0.400 | ceeor | | | | |
| f51v Juniper | 1.000 | ceor | | | | |
| f55r Geranium/Herb Robert | 0.600 | lceor | | | | |
| f56r Drosera Intermedia | 0.800 | | ceol,ceoly,cseol,cteol,kceol,sceol | | | |
| f57r Licebane vs. Blue Field Madder | 0.500 | | | ceeeody,ceeody,cseeody | | |
| f66v Houndstongue | 0.600 | | | ceeody,cseeody | | |
| f90r2 Pennywort Composite | 0.200 | ceor,ckeor,dcseeeor | | | | |
| f93r Scabwort or Middle/Common Fleabane | 0.800 | | | ceody,ckeeody,ckeody, cseeeody, cseody | | |
| f93v White/Red Bryony | 0.800 | | | | | cteeos,dceos |
| f95r1 Bearberry | 0.800 | tceor | | | | |
| f95r2 Fumitory #2 | 0.800 | ceor | | | | |
| f95v2 Common Baneberry/Toadroot | 1.000 | | | | | cseos |

# Appendix C: Non-Standard Terminology

Much of the jargon in the technical report is standard fare in relevant fields like data mining, linguistics and cryptology. Informal terms were helpful in expressing some of the concepts, which are presented below. Capitalized terms indicate that they were treated as formal object names:

| | |
|---|---|
| 4th Part of Speech | A small ($w_N$ = 212, $w_{|N|}$ = 39) distribution closely aligned with a c \| cs + $e^{0-4}$[lrsmg] definition that is believed to pertain to connectives like relativizers and subordinators. |
| a-Base | A word consisting of a single polygraph based on *a*, without being overridden by o-polygraphs characteristic of the noun set (or y-substitutions thereof). Examples include *daiin*, *sar* and *al*. |
| action chain | A chain of verbs forming a continuum defined by Planting/Creating → Tending/Growth → Harvesting/Acquisition → Processing → Usage/Application/Operation → Storage. Throughout the project the preponderance of actions moved continually to the right, contrary to our expectations. |
| agglutination limit | The point at which reduction of Voynich polygraphs reaches atomic units, beyond which inflectional, derivational and semantic concepts do not persist from the prior level of granularity. |
| analysis track | One of 8 avenues of inquiry investigated concurrently in each iteration of the project, as part of the preconceived "knowledge engineering" methodology. Examples include Ruleset Construction and Base Language Identification. |
| Anatomical Target/Cause | Short Voynich words lacking c-sequences, such as *om*, *oeey*, *ody* and *oees*. These often represent the underlying causes of illness, which can be parts of the human body. |
| backmatter | The final paragraphs of Section 5 in f116r and *oror cseeey* on f116v. |
| balneological section | Section 3, comprising f66r and f75r-f84v. The makeup differed slightly in some in versions prior to #29. The discussion here is centered on a network of bath chambers, but also includes compatible topics like beautification applications, including cosmetics. |
| c-sequence | Any polygraph defined by c \| c[s \| fptk \| b] or possibly c \| c[fptk \| lrs], followed by 1-4 e-infixes. These indicate a switch in semantic hierarchies. Up to 4 can appear in a single Voynich word. For example, *om* represents an Anatomical Target/Cause member like *interior of the human body*, while *ceom* is closely correlated with oils, juices and saps extracted *from the interior of a plant*, in an Herbal Ingredient Hierarchy. |
| clause marker clusters | The tendency of [fptk]-initiators to clump together in close proximity at the beginnings of Voynich clauses. |
| Color/Symptom Hierarchy | Voynich words defined by [yo]c- that closely correlate with color concepts. These are believed to represent diagnostic criteria, especially of skin discolorations. |
| compound | The definition in this project is strictly limited to fusion into single words, unless otherwise stated. |
| connective | Common "link" words such as modals and auxiliaries, conjunctions, articles, adpositions, common pronouns, subordinators and relativizers. |
| cosmological section | Section 2, comprising the diagrams on f57v and f67r1-f70r2, plus a Zodiac subsection encompassing f70v2-f73v (and presumably the missing folios f74r Capricorn and f74v Aquarius). These diagrams represent timings relevant to disorders and their cures, as determined by astrological concepts, rather than a broader discussion of cosmology. The walls of text on f58r-v are also included, although their distribution is more characteristic of Sections 5-6, like f57v. |
| deadly do- | The tendency of do- polygraphs to be associated with deadly problems, such as toxic plant parts and venom. Examples extend far beyond both Nightshades. We initially believed this represented negation or the aversive case, but is probably a combination of their opposite, affirmation and the imperative mood with the benefactive, as in *you must/it is good to handle this object with care*. |
| definition collision | Positions in a semantic classification system in which 2 or more sets may intersect the same slot. This is a common problem in pasigraphic systems that implement multi-dimensional word relationships in a top-down, 2D manner, like Solresol or the Dewey Decimal System. Our term for this is drawn from the concept of object collisions in computer programming, which occur for similar reasons and require programmer intervention. Potential examples in the Voynich Manuscript may revolve mainly on distinguishing y-suffixes, y-Bases and y-substitutions for *o* in short words like *y* and *oy*. The latter is correlated with *large creature bites capable of drawing or contaminating blood* when used as a stand-alone base in the Anatomical Target/Cause Hierarchy, like *om*, *os* and *olk*. It might also be derived from a y-suffix applied to *o* though, meaning the plural or collective of *thing*, *it* or *body*. |
| degenerate clause | Voynich phrases in which a lone [fptk]-clause marker or the 1st member of a marker cluster is positioned < 4 words from the end of the paragraph. This typically results in unwieldy sentence structure and is considered too short to be a brief afterthought. All but a handful of these were eliminated by Version #59. |
| double a-Bases | A word consisting of at least 2 polygraphs defined by *a* and no instances of *o* or y-substitutions. These tend to behave in a more noun-like manner than single a-Bases. Examples include aral ($w_N$= 20) and daram (9). |
| dual-use morpheme | A Voynich polygraph that can act either as an affix or as a stand-alone word in its right. |
| e- and i-infixes | Any Voynich polygraph formed exclusively of *e* or *i*, up to 4 of which can be strung together in a single infix slot. All i-infixes and most e-infixes occur in the interior of words. |
| e- and i-sequences | See *e- and i-infixes*. |
| eruptive disorder | A skin affliction characterized by "wet" eruptions that break the skin, such as warts, boils, buboes, carbuncles and ulcers. |
| flat tops | Plants with flat tops, such as f16v, f19r, f27v, f36r, f39v, f45v, f93v, f88r Line 2 #4, f88v Line 2 #1, f99v #15, f102r1 #1 and f102v1 #4, #6-7. There is little evidence that this visual characteristic is reflected in the word distributions. |
| flatbed | A group of plants based on the visual similarity of f39r, f43r, f46r, f55r and f95r2 in Figure 19.1. This led to the discovery of a word distribution extending to a wider, well-delineated group of herbal folios, which turned out to be relevant to balneological and beautification themes. |
| General Usage | A set of prospective connectives flagged in early statistical testing. This is capitalized because it became the name of a formal early word category. |
| Herbal Ingredient Hierarchy | Plants parts occurring in a botanical morphology set, which are discussed mainly as ingredients in Voynich remedies. These are part of a wider Organic Ingredient Hierarchy. |
| herbal section | Section 1, comprising f1v-f57r, f65r-v, f66v, f87r-v and f90r1-f96v. These consist of discussions of single plants in most cases, with a limit of 2. |
| initiator | The initial letter, polygraph, word or phrase of an object of lesser granularity at the polygraph, word, phrase, text sequence, page or section levels. |
| Inorganic Solid Hierarchy | A set of solid ingredients used in medieval medicine that are not derived from organic sources, such as salt. These should at least have some minor mention in the manuscript. Although we cannot provide supporting correlation data, the distribution that *ceckeol* belongs to would fit well. The only clear example among the figures is f102v2 #4 Blue Vitriol, i.e. copper sulfate. Its label *okeos* is compatible with insect bites, one of its known uses. |
| Lice/Flea/Scabies Block | The consecutive f87r-v and f90r1-f96v, which contain an unusual number of remedies for the bites of these insects. In the midst of these the consecutive folios f94r Moonwort, f94v Orris Root and f95r1 Bearberry are more oriented towards beautification uses. |
| Liquid Ingredient/Modifier Hierarchy | A distribution intersecting the y-Base adjectives that are heavily oriented towards liquid ingredients, such as *ceey* as *water* and c \| c[s \| fptk] + $e^{0-4}$y intersecting such complex liquid additives and solvents as wine/ethanol, methanol, vinegar and potentially honey. |
| low-Levenshtein sequence | Phrases consisting of repetitions and near-repetitions. |
| Minimal Connective Length Principle | The tendency in natural languages for connectives to be represented by short words. There are obvious exceptions, such as *nosotros*. |
| Mushroom Separators | A nickname given to a labeled object type on f70r1. |
| nymph | The human figures depicted in the Voynich Manuscript, all but a couple of which are obviously female. Most of the labels pertain to remedy types dispensed under particular conditions implied by the diagrams. |
| o-Base | Any word containing the letter o (or a y-substitution thereof), which defines membership in the set of nouns. |
| Opening Address | The single folio f1r. Some of the backmatter was included with this in a Section 0 in some statistical tests. |
| page run | A set of consecutive or nearly consecutive folios. |
| paragraph label | Right-justified text sequences exhibiting a distinct grammar that appear after some Voynich paragraphs. |
| particle model | An encoding system characterized by whole words whose underlying polygraphs have little to no relation to each other. For example, the 1st 4 letters of *candle* and *candy* are not intended to convey any common information. English is a clear example of a particle system. The Voynich script has very few particles, which are no more than 2 letters long. |
| pharmacological section | Section 4, comprising f88r-f89v1 and f99r-f102v1. The makeup differed slightly in some in versions prior to #29 |
| pharmacopeia, the | See *pharmacological section*. This synonym was based on our initial supposition that this section would be dedicated to pharmacological processing topics, which only turned to be partially true. |
| phytomorph | A Voynich plant. This term originated in the Voynich community to express uncertainty over whether these figures themselves constituted part |

| | |
|---|---|
| | of the encryption scheme, rather than straightforward depictions of ordinary plants. |
| Pipe/Flow/Queue | State sequence concepts compatible with the [ao][dlrs][ao][dlrsmg] family, which may represent the flow of water and additives through the bathhouse, or queuing of patients within it, depending on their individual problems and appropriate solutions. |
| Planet/Place Hierarchy | An extension of the odai$^{0-4}$[dlrsmg \| n] distribution to include the conjecture that the small *odo* set might represent spatial locations, analogous to the planets occupying positions in the sky. |
| Poison label | The canister and other objects next to the prone nymph on f66r. |
| Poisoned Nymph | The prone nymph depicted in f66r. |
| Problem/Disease | Voynich words derived from [yo][fptk]c- as an extension of the [yo]c- diagnostic criteria. These define the problems to be solved, which are mainly pathologies, particularly of the skin. |
| Rank Connective Crunch | The tendency in natural languages for connectives to congregate at the peak of frequency lists, displacing theme-specific words. |
| Remedy-Ingredient List | The most common phrase type in the manuscript, consisting of nouns from the Remedy/Solution Hierarchy followed by herbal, liquid and other ingredient types, some of which may be defined by adjectives. This is in keeping with the consistent Noun → Modifier order. |
| root words | A stand-alone word at the lowest level of granularity that cannot be broken up further into separate roots and affixes. This is related to the *agglutination limit* in an encoding system not defined by a *particle model*. |
| Rosette Folio | The 9 pages comprising the diagram portion of the unusually large foldout at the heart of the manuscript. The pages on the opposite side, f85r1-2 and f86v6-3, are also included in Section 6. The term reflects our initial ignorance of the minimal role for Rosettes in this massive diagram, which is more closely associated with astrological concepts and bathhouse chambers. |
| Rosette section, the | The Rosette Folio and other pages on the reverse side of the foldout, including f85r1-2 and f86v6-3. These were separated from other sections by Version #29. |
| Section 5 | The figureless pages f103r-f116v, in which floral bullets were used by the author as a line spacing guide prior to writing down the accompanying paragraphs. |
| semantic affix | A polygraph or letter attached to a word that identifies some branch of a semantic classification system, rather than exhibiting a derivational or inflectional function. |
| semantic ladder | A cryptanalytic strategy based on bootstrapping our way towards identification of semantic hierarchies, by first accounting for the derivational and inflectional functions. |
| Sensory Hierarchy | A set of Voynich words potentially related to senses beyond the visual, particularly tactile and scent concepts. These could also shade into ingredients like perfumes, which may act as remedies in their own right. These are centered on distributions like e[fptk][yoa], whose poorly defined boundaries intersected other critical sets, thereby degrading the correlations some. The beauty/cleanliness concepts centered on ed[yoa] probably represent the much stronger visual component. There is some uncertainty over how pain integrates into the tactile side. Taste is expected to have little detectable representation and sound perhaps none at all. |
| set contaminant | Any data point in our fuzzy statistical tests that complicated efforts to forge meaningful interpretations of wider sets, without resort to awkward redefinition of set boundaries. |
| spanners | A handful of Zodiac and Section 4 labels that seems to span a short neighborhood of dates or phytomorphs, through the use of [fptk]-initiators or short verbs. |
| Split Verb/Noun-Coding System | A precursor to the final encoding model, in which Voynich words were recognized as being constructed from both nouns and verbs. In the long run, we had to allot some adjective coding as well, despite its rarity in natural languages. |
| terminator | The final letter, polygraph, word or phrase of an object of lesser granularity at the polygraph, word, phrase, text sequence, page or section levels. |
| Temperature Hierarchy | A mandatory semantic hierarchy that seems to fit a distribution defined by [fptk]e$^{0-4}$d + y \| ai$^{0-4}$[dlrsmg \| n] best. We're lacking in correlation data to support that though, because Sections 3 and 5 don't imply such information, nor can it be gleaned from the properties of Voynich plants. |
| Thematic Length Discrepancy Principle | The tendency in natural languages for words tied to specific topical matter to be of greater length and complexity. To some extent this is the opposite of the Minimal Connective Length Principle. |
| Time Hierarchy | A mandatory semantic hierarchy that seems to fit distributions defined by [yo][fptk]e$^{0-4}$[yo] and o[fptk]e$^{1-4}$s best. We're lacking in correlation data to support that though, because Sections 3 and 5 don't imply such information, nor can it be gleaned from the properties of Voynich plants. These distributions are strongly ted to Section 2 though, where much of the timing is specified. |
| Tombstone Nymph | Nickname for the labeled nymphs of f75v. |
| Visual/Balneological Hierarchy | A distribution based on ed[yoa], which is closely associated with Section 3 and other paragraphs strongly tied to balneological and Venusian beautification topical matter. These include words like *ceedy*, meaning something like *beauty/cleanliness itself* or an ingredient like *soap* capable of producing it. This definition may integrate into a wider *Sensory Hierarchy* family. |
| widow | See *degenerate clause*. This term is borrowed from typesetting terminology. |
| y-Base | A word consisting of a single polygraph based on a trailing *y*, without being overridden by o-polygraphs characteristic of the noun set (or y-substitutions thereof) or by defined by -[yo] suffixes. Examples would include *ceey* and *ceedy*. |

# Appendix D: Equations and Algorithms

My personal goal in this project was to gain experience in applying coding skills to real-world data mining issues. Burnishing my ability to write mathematical notation fell under that rubric. Although I garnered some familiarity with such notation when reading up on particle physics at an early age and later augmented it by translating academic journal articles on neural nets, statistics and set theory into code, I still have trouble with certain subgenres, such as matrix notation. Despite many years of implementing the algorithms of others and home brewing many of my own in VB.Net and T-SQL, I had even less experience actually writing equations myself. When I set out to rectify that, I was unaware of the lack of consistent conventions both across and within academic fields. The surprisingly high degree of flexibility came in handy, however, when I encountered many edge cases among the scores of algorithms requiring translation into equations. I ran out of time to learn linguistics notation, which would have been unfamiliar anyways to specialists in other disciplines that intersect this topic, such as data analysis. Despite having much more familiarity with the latter, I had to consciously study its conventions, many of which I'm still probably ignorant of. Although I'm a novice at this, I sometimes had to come up with my own representations or alter others slightly to suit the needs of the project. I put a premium on keeping things short and sweet, to keep the titanic size of this technical report from swelling any further. One facet of this was to weed out the majority of the algorithms we used, many of which were superseded, discarded, proved useful only as background, or were otherwise not worth representing in the list of tables or accompanying discussions in Vols. I-II. The scores of equations listed here are only a small subset of those we implemented in code (which unfortunately featured very little matrix, neural net or set production notation we needed the most practice in). Another facet was to ruthlessly slash redundancies in the representations. For example, we took the unusual step of condensing all of the major set definitions into the tabular format below, all of which are implemented in the same element → subset → superset order. For example, let $w \in \mathbb{W}$ and $\mathbb{w} \subseteq \mathbb{W}$, where $\mathbb{W}$ is the set of all words in the document; likewise, $tf \in \mathbb{T}^{\mathbb{F}}\{\mathbb{T}^{\circledcirc}, \mathbb{T}^{\circledast 6}, \mathbb{T}^{\sharp 4}, \mathbb{T}^{\textcircled{2}1}, \mathbb{T}^{\textcircled{3}4}, \mathbb{T}^{\textcircled{4}2}, \mathbb{T}^{\textcircled{5}3}, \mathbb{T}^{\star 2}, \mathbb{T}^{\text{☛}3}\}$, where tf is an element of any specific figure label type. Technically the double-struck sets are multisets, since some of the elements are repeated. The single-struck subsets are often determined by the context of the discussions. Due to the length of the technical report we felt that inline equations would be a distraction to the reader, hence their isolation in Volume III; one consequence of this is that such *let* syntax[54] is used less frequently here than the reader might surmise. Some of the sets are subject to restrictions appropriate for a document of this kind, such as § ∈{0-6} limiting the words, polygraphs or other granularity levels to 1 or more of the 7 document sections. Another common restriction is by pages or sets thereof defined by rv={f1r-f116v}, where *rv* represents recto/verso. Sequences and specific positions within them can often by ascertained through common sense, such as $t_5$ pertaining to the 5th text sequence within a set, or $tp_4$ as the 4th paragraph of an individual folio. To simplify things we avoided the use of the term *tuple*; technically, individual text sequences are tuples of words, phrases are tuples of words and phrases of lesser length, polygraphs are tuples of symbols and polygraphs of lesser length and words are tuples of symbols. We break with convention here and index the 1st item in every tuple at 1 rather than 0, to avoid complicating simple concepts *like the first word on the page* for readers without a background in set notation. The last element is always denoted by L for last, or *lim* (i.e. limit) when a notation collision might occur with *length*. These first and last elements are often referred to here as *initiators* and *terminators*, as discussed in the last appendix. These sets and ordinal positions might be combined in a rich variety of ways, such as $t^{w1}$, $t^{wL}$ as the initiating and terminating words of a particular text sequence, $w_{s4}$ as the 4th symbol in a word, or $\mathbb{T}_N^{w35}$ as the count of all text sequences with a word at ordinal position 35.

Another reason we settled on L and *lim* is that in some conventions, an ordered series ending in *n* like $1 \ldots N$ or $\sum_{i=1}^{n}$ could easily lead to confusion with subscripts |N| or N as distinct or set counts. Typically |A| would be employed in set theory for distinct cardinality, but the letter switch would probably lead to confusion with the item counts, which are often represented together. Simple stats like those listed in Table 33.2 are often represented by subscripts and superscripts. It is also quite common, for example, to represent *length* by L. Sometimes these can be combined together for sets that have natural divisions by length, such as phrases and polygraphs; for example, $\mathbb{P}_N^{L=2}$ represents the document-wide count of all polygraphs of length = 2, while $\mathbb{W}_{|N|}^{L=3}$ is the distinct count of all words of length = 3. Other common stats like population mean and standard deviation are represented by standard symbols like μ and σ. We did not find a use for the sample variance or sample means, which would ordinarily be overlined. The extrema are denoted in the ordinary way by *min*, *max* or *lim*, apart from the initiator and terminator exceptions discussed above. On occasion it proved useful to define ranks and ranges based on some of these statistics, such as the calculation of a mean length for words in the Top 100 based on document counts, as in $\mathbb{W}_{N=\{\#1-100\}}^{\mu L}$. Whenever possible we omitted explicit statements of specialized but common algorithms like Sukhotin scores, Zipf slopes and the Indexes of Coincidence, Agglutination and Synthesis, which can be found in many references. The use of *m* and *Z* to indicate Zipf slopes is consistent with the use of *m* as a convention for slopes; we decided against using mZ subscripts due to possible confusion across the symbol, polygraph, word and phrase levels of granularity. We were also able to omit equations for some simple Decision Theory measures like $\mathbb{F}_{ID}$ and $\mathbb{F}_{Toxicity}$ that were set subjectively on ranges of 0-1. The $w^N$ "noun scores" were also assigned rather than calculated. Similar scores for other parts of speech turned out to be unnecessary and were discarded. Some of the most useful measures we devised were stochastic distances derived from comparisons of empirical vs. expected probabilities. The former is defined by the common P' prime notation, with a crucial difference: to avoid confusion with polygraphs and phrases, we omit the P. We considered working around this by changing $\mathbb{Ph}$ and its kin to MWE (Multi-Word Expression) but decided that terminology would be too obscure and possibly unintuitive for many readers. We thus end up with expressions like $w'_{L=6}$ as the empirical probability of a single word among the set of words at length = 6. Empirical probabilities in this context would of course sum to 1, rendering them easily translatable into actual percentages. The term *actual* was used interchangeably with *empirical* in our code. In keeping with convention, $E_N$ represents the expected count. This requires specifying a level of granularity, as in $E(w_N)$, which would be the expected document count of a particular word. Ordinarily, E(x) would represent the expected value of some variable *x*, but in our context, E(p) would return a specific polygraph. To maintain consistency with this pattern, we standardized our probability differences using prime notation in combination with E, as in w' - E(w). In the same vein, $w_N$ - $E(w_N)$ would represent a subtraction of the expected document count of a particular word (based on some underlying algorithm) from the actual value. In many cases these were interpreted as affinity measures, designated by a subscript *A*. Much of the structure of the encoding scheme was revealed by applying judicious restrictions upon the sets used in these probabilistic measures. This nevertheless led to some really unwieldy but unavoidable definitions of those restrictions in the notations, such as $w'^{\{fptk\}}_{(CMC \mid CM)} - E(w^{\{fptk\}}_{(CMC \mid CM)})$, which is the difference between the empirical and expected probabilities of {fptk} appearing as initiators in clause marker clusters, given their known participation rates in those clusters. Representing these complex set definitions in a readable notation proved to be a challenge for this novice, but it was a challenge that couldn't go unanswered, because this is where the gold in our data mine resided.

Table 33.1: Set Definitions Employed in the Equation Notation

| Level of Granularity | Element | Subset | Document-Wide |
|---|---|---|---|
| Symbol | s | $\mathbb{s}$ | $\mathbb{S}$ |
| Polygraph | p | $\mathbb{p}$ | $\mathbb{P}$ |
| Word | w | $\mathbb{w}$ | $\mathbb{W}$ |
| Phrase | ph | $\mathbb{ph}$ | $\mathbb{Ph}$ |
| Figure | f | $\mathbb{f}$ | $\mathbb{F}$ |
| Text Sequence | t | $\mathbb{t}$ | $\mathbb{T}$ |
| Paragraphs (using the universally recognized pilcrow sign) | $t^{\P}$ | $\mathbb{t}^{\P}$ | $\mathbb{T}^{\P}$ |
| Paragraph Label | $t^{\P\mathbb{l}}$ | $\mathbb{t}^{\P\mathbb{l}}$ | $\mathbb{T}^{\P\mathbb{l}}$ |
| Figure Label | t | $\mathbb{t}$ | $\mathbb{T}^{\mathbb{F}}$ |
| Text Ring | $t^{\odot}$ | $\mathbb{t}^{\odot}$ | $\mathbb{T}^{\odot}$ |
| Rosette Figure Label (Section 6) | $t^{\circledast 6}$ | $\mathbb{t}^{\circledast 6}$ | $\mathbb{T}^{\circledast 6}$ |
| Canister (Staff of Aesculapius) | $t^{\text{⚕}4}$ | $\mathbb{t}^{\text{⚕}4}$ | $\mathbb{T}^{\text{⚕}4}$ |
| Herbal Phytomorph Label (Section 1) | $t^{\text{♀}1}$ | $\mathbb{t}^{\text{♀}1}$ | $\mathbb{T}^{\text{♀}1}$ |
| Pharmacological Phytomorphs (Section 4) | $t^{\text{♀}4}$ | $\mathbb{t}^{\text{♀}4}$ | $\mathbb{T}^{\text{♀}4}$ |
| Cosmological Nymph Labels (Section 2) | $t^{\text{♀}2}$ | $\mathbb{t}^{\text{♀}2}$ | $\mathbb{T}^{\text{♀}2}$ |
| Balneological Nymph Labels (Section 3) | $t^{\text{♀}3}$ | $\mathbb{t}^{\text{♀}3}$ | $\mathbb{T}^{\text{♀}3}$ |
| Non-Nymph Figure Captions in Section 2 | $t^{\star 2}$ | $\mathbb{t}^{\star 2}$ | $\mathbb{T}^{\star 2}$ |
| Non-Nymph Figure Captions in Section 3 | $t^{☛3}$ | $\mathbb{t}^{☛3}$ | $\mathbb{T}^{☛3}$ |

Table 33.2: Common Set Statistics Represented by Subscripts and Superscripts

| | Examples | Details |
|---|---|---|
| Count | $\mathbb{W}_{N}$ | The count of all words in the document |
| Distinct Count | $w_{\lvert N\rvert}$ | Distinct count of a single word |
| Length | $w_{L}$ , $t_{L}^{w}$ | Word length in terms of symbols, text sequence word length |
| Mean Length | $\mathbb{W}_{L}^{\mu}$ | Mean length of all words at a specified length |
| Median Length | $\mathbb{W}_{L}^{\eta}$ | Median length of all words at a specified length |
| Page Affinity | $s_{A}^{rv=\{f1r-f116v\}}$ | Affinity for a specific page for single symbol or other granularity level, where rv = recto/verso |
| Max Page Affinity | $_{\max}s_{A}^{rv=\{f1r-f116v\}}$ | Maximum page affinity for a single symbol across a range of pages |
| Section Affinity | $p_{A}^{\S\in\{0-6\}}$ | Affinity score for a single polygraph for a particular document section |
| Rank | $\mathbb{W}_{N=\{\#1-100\}}$ | The set of words with counts of rank #1-100 |
| Empirical Probability | $p_{L=3}^{\prime}$ | Document-level probability for polygraphs, i.e. The % of the document, at polygraph length 3 |
| Zipf Slope | $\mathbb{Ph}_{m}^{Z}$ | Zipf slope for the full phrase set |
| Sukhotin Score | $s_{S}$ , $s_{S}^{\{1,3\}}$ | Sukhotin score for a single symbol, limited to sections 1 and 3 in the 2nd case |
| Noun Score | $w^{N}$ | Decision Theory subjective noun assignment on a range of 0-1 |
| Identification Score | $\mathbb{F}_{ID}$ | Subjective assignment of identification scores to plants, in increments of 0.2, on a range of 0-1 |
| Figure Property Score | $\mathbb{F}_{Toxicity} > 0$ | The named property scored subjectively on a fuzzy set range in cases like Toxicity (in others assigned in Boolean scale), which required no calculations |

**Section Affinity Scores for Symbols, Words, Polygraphs and Phrases** (eqs. 1-4)

$s_{A}^{\S\in\{0-6\}}$
$p_{A}^{\S\in\{0-6\}}$
$w_{A}^{\S\in\{0-6\}}$
$phrase_{A}^{\S\in\{0-6\}}$

$$s_{A}^{\S\in\{0-6\}} = (s_{N}^{\S\in\{0-6\}} - E(s_{N}^{\S\in\{0-6\}})) \,/\, \mathbb{S}_{N}^{\S\in\{0-6\}}$$

where

$\S\in\{0\text{-}6\}$ = identifier for 1 of the 7 distinct sections of the document
$s_N$ = The document-wide count for a particular symbol
$s_{N}^{\S\in\{0-6\}}$ = The empirical count of a particular symbol in a selected section
$\mathbb{S}_{N}^{\S\in\{0-6\}}$ = The count of all symbols in a selected section
$P(s^{\S\in\{0\text{-}6\}}) = \mathbb{S}_{N}^{\S\in\{0-6\}} / \mathbb{S}_{N}$ = The probability of any symbol appearing in the specified section
$E(s_{N}^{\S\in\{0-6\}}) = s_N * P(s^{\S\in\{0\text{-}6\}})$ = The expected count of a particular symbol within a specified section

The formulas are identical for words, polygraphs and phrases, except for the substitution of $\mathbb{W}$/w, $\mathbb{P}$/p and $\mathbb{Ph}$/ph

**Affinity Scores for Individual Figure Types at the Levels of** (eqs. 5-8)

**Symbols, Words, Polygraphs and Phrases**
$s_A^{tf}$
$p_A^{tf}$
$w_A^{tf}$
$phrase_A^{tf}$

$$s_A^{tf} = (s_N^{tf\}} - E(s_N^{tf}) \;/\; \mathbb{S}_N^{tf}$$

where

tf ∈ $\mathbb{T}^{\mathbb{F}}$ {$\mathbb{T}^{\circledcirc}$, $\mathbb{T}^{\circledast 6}$, $\mathbb{T}^{\dagger 4}$, $\mathbb{T}^{\circledcirc 1}$, $\mathbb{T}^{\circledcirc 4}$, $\mathbb{T}^{\circledcirc 2}$, $\mathbb{T}^{\circledcirc 3}$, $\mathbb{T}^{\star 2}$, $\mathbb{T}^{\blacksquare 3}$} = identifier for 1 of the distinct figure label types
$s_N$= The document-wide count for a particular symbol
$s_N^{tf}$ = The empirical count of a particular symbol in a selected figure label type
$\mathbb{S}_N^{tf}$ = The count of all symbols in a selected figure label type
$P(s^{tf}) = \mathbb{S}_N^{tf} / \mathbb{S}_N$ = The probability of any symbol appearing in the specified figure label type
$E(s_N^{tf}) = s_N * P(s^{tf})$ = The expected count of a particular symbol within a specified figure label type

The formulas are identical for words, polygraphs and phrases, except for the substitution of $\mathbb{W}$/w, $\mathbb{P}$/p and $\mathbb{Ph}$/ph

**Figure Affinity Scores for Symbols, Words, Polygraphs and Phrases** (eqs. 9-12)
$s_A^{\mathbb{TF}}$
$p_A^{\mathbb{TF}}$
$w_A^{\mathbb{TF}}$
$ph_A^{\mathbb{TF}}$

$$s_A^{\mathbb{TF}} = (s_N^{\mathbb{TF}} - E(s_N^{\mathbb{TF}}) \;/\; \mathbb{S}_N^{\mathbb{TF}}$$

where

$\mathbb{TF}$ = the set of all figure labels
$s_N$= The document-wide count for a particular symbol
$s_N^{\mathbb{TF}}$ = The empirical count of a particular symbol in any figure label type
$\mathbb{S}_N^{\mathbb{TF}}$ = The count of all symbols in any figure label type
$P(s^{\mathbb{TF}}) = \mathbb{S}_N^{\mathbb{TF}} / \mathbb{S}_N$ = The probability of any symbol appearing in any figure label type
$E(s_N^{\mathbb{TF}}) = s_N * P(s^{\mathbb{TF}})$ = The expected count of a particular symbol within any figure label type

The formulas are identical for words, polygraphs and phrases, except for the substitution of $\mathbb{W}$/w, $\mathbb{P}$/p and $\mathbb{Ph}$/ph

**Symbol Initiator and Terminator Scores ($s_{\mathbb{W}}^{1}$) and ($s_{\mathbb{W}}^{L}$) at the Word Level (or limited to sections in $s_{w\,\S\,\in\{0-6\}}^{1\,|\,L}$ )** (eqs. 13-14)

$$s_{\mathbb{W}}^{1} = (\mathbb{W}_N^{1\,=\,s} - E(\mathbb{W}_N^{1\,=\,s})) \;/\; \mathbb{W}_N^{1}$$

where

$s_N$ and $s_N^{\S\,\in\{0-6\}}$ – The document-wide or section-wide count for a particular symbol
$\mathbb{S}_N$ = The count of all symbols in a selected section
$\mathbb{W}_N^{1}$ = The count of all symbols appearing in the 1st words of all text sequences, i.e. the initiator count at the symbol + text sequence level of granularity
$P(\mathbb{W}^{1\,=\,\mathbb{S}}) = \mathbb{W}_N^{1} / \mathbb{S}_N$= The expected probability of any symbol appearing 1st in any word, i.e. the initiator expected probability for all symbols. Limit these to § $\in \{0-6\}$ for sectional scores
$E(\mathbb{W}_N^{1\,=\,s}) = s_N * P(\mathbb{W}^{1\,=\,\mathbb{S}})$ = The expected initiator count of a particular symbol at the word level
$\mathbb{W}_N^{w1\,=\,s}$= The actual document-wide count of a particular symbol appearing 1st in any word, i.e. the "actual initiator count"

The formulas are identical for $\mathbf{s_{wL}}$, except that the terminator counts wL are substituted for w1. The sectional scores

**Symbol Initiator and Terminator Scores ($s_{\mathbb{T}}^{1}$) and ($s_{\mathbb{T}}^{L}$) at the Text** (eq. 15-16)

**Sequence Level**

$$s_I = (\mathbb{T}_N^{w1\,=\,s} - E(\mathbb{T}_N^{w1\,=\,s})) \;/\; \mathbb{T}_N^{w1}$$

where

$s_N$= The document-wide count for a particular symbol
$\mathbb{T}_N^{w1}$ = The count of all symbols appearing in the 1st words of all text sequences, i.e. the initiator count at the symbol + text sequence level of granularity
$P(\mathbb{T}^{w1\,=\,\mathbb{S}}) = \mathbb{T}_N^{w1} \;/\; \mathbb{S}_N$= The expected probability of any symbol appearing 1st in any text sequence, i.e. the initiator expected probability for all symbols
$E(\mathbb{T}_N^{w1\,=\,s}) = s_N * P(\mathbb{T}^{w1\,=\,\mathbb{S}})$ = The expected initiator count of a particular symbol
$\mathbb{T}_N^{w1\,=\,s}$= The actual document-wide count of a particular symbol appearing 1st in any text sequence, i.e. the "actual initiator count"

The formulas are identical for $s^L$, except that the terminator counts $w^L$ are substituted for $w^1$. The calculation could have been alternately specified via the use of:

$P(\mathbb{T}^{w1\,=\,s}) = s_N / \mathbb{T}_N^{w1}$ – The expected probability of a particular symbol appearing 1st in any text sequence, i.e. the initiator expected probability for a particular symbol
$P'(s) = s_N / \mathbb{S}_N$– The document-wide empirical probability of a particular symbol appearing at any point in the text

**Symbol Initiator and Terminator Scores at the Level of Individual Figure Types ($s_{tf}^1$ and $s_{tf}^L$), Paragraphs ($s_{\mathbb{T}\P}^1$ and $s_{\mathbb{T}\P}^L$), Paragraph Labels ($s_{\mathbb{T}\P\mathbb{l}}^1$ and $s_{\mathbb{T}\P\mathbb{l}}^L$) and Text Rings ($s_{\mathbb{T}\odot}^1$ and $s_{\mathbb{T}\odot}^L$)** (eqs. 17-24)

$$s_{tf}^1 = (tf_N^{w1\,=\,s} - E(tf_N^{w1\,=\,s})) \;/\; tf_N^{w1}$$

where

$s_N$= The document-wide count for a particular symbol
$tf \in \mathbb{T}^{\mathbb{F}}\{\mathbb{T}^{\odot}, \mathbb{T}^{\circledast 6}, \mathbb{T}^{\mathbb{f}4}, \mathbb{T}^{\circledcirc 1}, \mathbb{T}^{\circledcirc 4}, \mathbb{T}^{\circledcirc 2}, \mathbb{T}^{\circledcirc 3}, \mathbb{T}^{\star 2}, \mathbb{T}^{\blacksquare 3}\}$ = identifier for 1 of the distinct figure label types
$\mathbb{T}^{\P}$- Set of all paragraphs, using the universally recognized pilcrow sign
$\mathbb{T}^{\P\mathbb{l}}$- Set of all paragraph labels
$\mathbb{T}^{\odot}$ - Set of all text ring labels
$tf_N^{w1}$ = The count of all symbols appearing in the 1st words of the caption of the specified type, i.e. the initiator count at the symbol + figure subtype level of granularity
$P(tf^{w1\,=\,\mathbb{S}}) = tf_N^{w1} \;/\; \mathbb{S}_N$= The expected probability of any symbol appearing 1st in a caption of the specified type, i.e. the initiator expected probability for all symbols
$E(tf_N^{w1\,=\,s}) = s_N * P(tf^{w1\,=\,\mathbb{S}})$ = The expected initiator count of a particular symbol
$tf_N^{w1\,=\,s}$= The actual document-wide count of a particular symbol appearing 1st in a caption of the specified type, i.e. the "actual initiator count"

The formulas are identical for $s_{tf}^L$, except that the terminator counts wL are substituted for w1. The calculations are also identical for paragraphs, paragraph labels and text rings.

**Symbol Initiator and Terminator Scores ($s_{\mathbb{TF}}^1$) and ($s_{\mathbb{TF}}^L$) for All Figure Types** (eq. 25-26)

$$s_{\mathbb{TF}}^1 = (\mathbb{TF}_N^{w1\,=\,s} - E(\mathbb{TF}_N^{w1\,=\,s})) \;/\; \mathbb{TF}_N^{w1}$$

where

$s_N$= The document-wide count for a particular symbol
$\mathbb{TF}_N^{w1}$ = The count of all symbols appearing in the 1st words of all captions, i.e. the initiator count at the symbol + figure level of granularity
$P(\mathbb{TF}^{w1\,=\,\mathbb{S}}) = \mathbb{TF}_N^{w1} \;/\; \mathbb{S}_N$= The expected probability of any symbol appearing 1st in any caption, i.e. the initiator expected probability for all symbols
$E(\mathbb{TF}_N^{w1\,=\,s}) = s_N * P(\mathbb{TF}^{w1\,=\,\mathbb{S}})$ = The expected initiator count of a particular symbol
$\mathbb{TF}_N^{w1\,=\,s}$= The actual document-wide count of a particular symbol appearing 1st in any caption i.e. the "actual initiator count"

The formulas are identical for $s_{\mathbb{TF}}^L$, except that the terminator counts $w_L$ are substituted for w1.

Eqs. 27-141 are not available in the pre-publication edition. They will be completed prior to the release of the first edition of Vol. III in fall 2024.

# Appendix E: The Voynich Dictionary

This section is not available in the pre-publication edition. It will be completed prior to the release of the first edition of Vol. III in fall 2024.

# Select Bibliography and End Notes for Volume III


Collin, Rodney

1954 The Theory of Celestial Influence: Man, the Universe and Cosmic Mystery. Stuart: London.

Nichols, Johanna

1986 "Head-Marking and Dependent-Marking Grammar," pp. 56-119 in Language, March, 1986.Vol. 62, No. 1.

Palmer, James

2018 "In Praise of Unpromising Sources: Science and Society," published September 19, 2018 at the MerovingianWorld web address https://merovingianworld.wordpress.com/2018/09/19/in-praise-of-unpromising-sources-science-and-society-743-809/

Petersen, J.K.,

2019 "Fire & Ice," published July 26, 2019 at the Voynich Portal web address https://voynichportal.com/tag/voynich-manuscript-elements/

Tallerman, Maggie

2013 Understanding Syntax. Routledge: London.

Young, Robert W. and Morgan, William

1987 The Navajo Language: A Grammar and Colloquial Dictionary. University of New Mexico Press: Albuquerque.


---

[1] p. 117, Harden, Donald Benjamin, 1962, The Phoenicians. Thames and Hudson: London.

[2] Widely cited on the Internet, although the ultimate source is difficult to determine. For an example, see the undated Prehistory of Memory webpage "More on Language Origins" at http://www.geocities.ws/ResearchTriangle/System/8870/memory/languageorigins2.html. No author listed.

[3] Also widely used on the Internet but without citations, making it difficult to properly credit the original author. For an example see Allison Menu's undated Pinterest page "Enochian Alphabet" at https://www.pinterest.com/pin/276056652132378526/

[4] See the Wikipedia page "Metonic Cycle" at https://en.wikipedia.org/wiki/Metonic_cycle

[5] I believe it appears on f42r, but have not yet examined the document myself directly to be certain. See Palmer, 2014 and Palmer, Sept. 25, 2018.

[6] Palmer, James, Sept. 19, 2018.

[7] See the British Library Catalogue of Illuminated Manuscripts web address http://www.bl.uk/catalogues/illuminatedmanuscripts/ILLUMIN.ASP?Size=mid&IllID=5132

[8] Palmer, Sept. 19, 2018.

[9] See The Vatican Library DigiVatLab service web address https://digi.vatlib.it/view/MSS_Vat.lat.1339

[10] See the Universitat Heidelberg webpage for Vatikan, Biblioteca Apostolica Vaticana, Pal. lat. 1439 at https://digi.ub.uni-heidelberg.de/diglit/bav_pal_lat_1439 Originally found at Baptiste, Jean-Paul, 2017, "Bell Towers," posted May 8, 2017 at the Macro-Typography web address https://macrotypography.blogspot.com/2017/05/bell-towers.html

[11] See the E-Codices webpage "St. Gallen, Stiftsbibliothek, Cod. Sang. 587" at https://www.e-codices.unifr.ch/en/csg/0587/6/0/Sequence-609

[12] See "Petrus de Candia, Commentary on the Sentences," Fribourg/Freiburg, Couvent des Cordeliers/Franziskanerkloster, Ms. 20. Available at the E-Codices web address https://www.e-codices.unifr.ch/en/fcc/0020/2r/0/Sequence-771

[13] Available at the BnF Gallica Digital Library web address https://gallica.bnf.fr/ark:/12148/btv1b10545225t/

[14] The entire manuscript is available at the Biblioteca Apostolica Vaticana web address https://digi.vatlib.it/view/MSS_Vat.lat.869

[15] See Young and Morgan and the Wikipedia webpage "Navajo Grammar" at https://en.wikipedia.org/wiki/Navajo_grammar.

[16] This 1st diagram comes from "The Lunar Mansions," undated webpage with no author listed, posted in 2012 at The Elemental Tarot web address http://astrop.org/raddemo/index.php/the-lunar-mansions/12-mo . The other originated from Shilin Guangji, an encyclopedia written during the Yuan Dynasty by Chen Yuanjing, which was republished at the Wikipedia entry "Twenty-Eight Mansions" at https://en.wikipedia.org/wiki/Twenty-Eight_Mansions.

[17] See Butler, Ryhan, "The Moon in Traditional Magic," undated webpage at the Medieval Astrology Guide web address https://www.medievalastrologyguide.com/moon-magic

[18] For direct access to these folios, see the University of Pennsylvania OPenn project webpage "LJS 443 Collection of Texts on the Calendar" at https://openn.library.upenn.edu/Data/0001/html/ljs443.html

[19] See "The Calendar & the Cloister: Oxford-St. John's College MS17," posted in 2007 at the McGill University Library. Digital Collections Program web address https://digital.library.mcgill.ca/ms-17/folio.php?p=5v&showitem=5v_2ComputusRelated_11Alphabets#i1

[20] See the Wikipedia page "Bellesguard" at https://en.wikipedia.org/wiki/Bellesguard

[21] See the RawPixel webpage "Octagram Pebble Pattern on the Floor," undated webpage published at https://www.rawpixel.com/image/1231947/patterned-brick-work. Originally found at the "8-Pointed Star Meaning: Octagram, the Star of Lakshmi and Ishtar Symbolism and Tattoo Ideas," an undated webpage with no author listed, published at the Symbols and Meanings webpage https://symbolsandmeanings.net/8-pointed-star-meaning-octagram-star-of-lakshmi-ishtar-symbolism-tattoo/

[22] See the Wikipedia page "Venus" at https://en.wikipedia.org/wiki/Venus

[23] p. 234-235, Collin.

[24] Charles Walker Collection, 2018, "Calendars - Images of the Seven Days of the Week from an English Shepherd's Calendar of Circa 1500," published April 12, 2018 at the Alamy Stock Photo webpage https://www.alamy.com/calendars-images-of-the-seven-days-of-the-week-from-an-english-shepherds-calendar-of-circa-1500-image179622862.html?imageid=58441B86-7939-441A-B349-CBA85E01DBD3&p=647609&pn=1&searchId=d95b2c9a26fad1a2d372f85311b5cb0c&searchtype=0

[25] See the undated webpage "Personification of Luna" at the Science Photo Library web address https://www.sciencephoto.com/media/533730/view/personification-of-luna-15th-century

[26] See the webpage "The Seven Planets," no author listed, published Feb. 11, 2014 at the Astrology and Art webpage https://astrologyandart.wordpress.com/2014/02/11/the-seven-planets/ septem-planetaeprint-dietrich-meyer-print-made-by-represented-by-whole-length-figures-of-the-corresponding-gods-with-their-respective-attributes

[27] See "Frisian with Personifications of the Seven Planets," undated webpage with no author listed, posted at the Look and Learn webpage https://www.lookandlearn.com/history-images/YR0177913/Frisian-with-personifications-of-the-seven-planets YR0177913_Frisian-with-personifications-of-the-seven-planets

[28] Johnson, Dominique, "The Secret Doctrine Commentaries on Gods and the Seven Planetary Regents," published July 2, 2016, at The American Minervan webpage https://theamericanminvra.files.wordpress.com/2016/07/4894-statues.jpg

[29] "Medical astrology. 15th-century illustrated manuscript on medical allegories, part of a set of documents referred to as spiritual encyclopaedias of the Middle Ages. This manuscript page shows four human figures (astrologers) consulting manuscripts, arranged around eight other human figures in an astrological setting. The Sun and Moon and the five known planets (Mercury, Venus, Mars, Jupiter and Saturn) are shown in the circles of the central illustration. The Gothic script (in Latin and German) is on vellum in black and red ink. This manuscript is part of a collection of pages that were published in southern Germany in around 1410." See the undated webpage "Medical Astrology, 15th Century" at the Science Photo Library web address https://www.sciencephoto.com/media/686213/view/medical-astrology-15th-century.

[30] Halsted, Nikki, 2022, "The Body part Each Zodiac Sign Rules, according to Astrology," published July 27, 2022 at the Your Tango web address https://www.yourtango.com/2018311703/ruling-body-part-influence-Zodiac-sign-based-medical-astrology

[31] See f186r of Bav. Vat lat 1972. I have been unable to track down the website I originally copied this particular image from, but they're widely available on the Internet.

[32] See "The Calendar & the Cloister: Oxford-St. John's College MS17," posted in 2007 at the McGill University Library. Digital Collections Program web address https://digital.library.mcgill.ca/ms-17/folio.php?p=7v&showitem=7r_2ComputusRelated_20ByrhtferthsDiagram

[33] "Another diagram in Digby 107 places the elements Ignis, Aer, Aqua, and Terra in the corners, with connections through hot/cold/wet/dry along the sides. Contraria forms a cross in the center…" See ElementsZodiacDetail.png at Petersen, 2019.

[34] *IBID*. See MorganBl27Elements.png. "Morgan B27 has attracted the attention of Voynich researchers due to the little flower-shape and text within concentric circles, but I was also intrigued by the content, which includes elements, traits, plants, Zodiac constellations, and month names…Note that the month names are Ianuari[us], Februari[us], Marcius, Apprilis, Maius, Iuni[us], Iulius, August[us], Septe'ber, October, Nove'ber, and Dece'ber. The language/spelling is different, but some of the abbreviation symbols are the same as the month-notes added to the VMS Zodiac figures."

[35] *IBID*. See ElementsWheelGreen.jpg. "The following diagram lists the elements and traits around the outer edge and the humors in spokes radiating from the center. It includes a schematic illustration of the moon, "planets", and stars at the top (the Sun was in the middle of the planets because it was wrongfully assumed it orbited the Earth)…" This may have originated from "Diagram Illustrating the Relationship of the Four Humors, Depicted as Radiating Diagonally from the Center, to the Temperaments, Planets, and Seasons (c.1450–1475); New York, The Morgan Library & Museum, MS B.27." Also found at McLemore, Emily, 2020, "Medieval Sexuality, Medical Misogyny, and the Makings of the Modern Witch," published Nov. 30, 2020 at the University of Notre Dame Medieval Institute web address https://medieval.nd.edu/news-events/news/from-the-i-medieval-studies-research-blog-i-medieval-sexuality-medical-misogyny-and-the-makings-of-the-modern-witch/ "…But even before the publication of the Malleus in 1487, there was De secretis mulierum, or On the Secrets of Women, an immensely popular treatise composed in the late-thirteenth or early-fourteenth century that still survives in more than 80 manuscripts. Drawing from medieval medical philosophy, the Secrets branded women as evil based on their biological composition and helped lay the foundation for the figure of the witch, which resulted in the deaths of so many women…" Another citation of a darker version labels it Liber-floribus-of-Lambert-of-St-Omer.jpg.

[36] See ElementsHumors.png at Petersen, 2019.

[37] See the post dated Sept. 22, 2016 by the user named "Medieval Manuscripts" at the Twitter web address https://twitter.com/BLMedieval/status/778902028953214976. See Cs8lcLXWEAAwMRt.jpg and Cs8ldWyWIAAT2pV.jpg. "Medieval depictions of the four seasons for the #AutumnalEquinox from https://bl.uk/catalogues/illuminatedmanuscripts/welcome.htm + http://bl.uk/manuscripts/Default.aspx." The pictures are not currently available at the cited The British Library addresses. I finally found the origin of the first picture at the Alamy Stock Photo web address https://www.alamy.com/diagram-of-the-seasons-le-breviari-damors-southern-france-early-14th-century-miniature-diagram-of-the-seasons-in-the-shape-of-a-wheel-with-four-figures-image-taken-from-le-breviari-damors-originally-publishedproduced-in-southern-france-early-14th-century-source-royal-19-c-i-f54v-language-french-provenal-image231421664.html "Diagram of the seasons. Le Breviari d'Amors. Southern France; early 14th century. (Miniature) Diagram of the seasons in the shape of a wheel with four figures. Image taken from Le Breviari d'Amors. Originally published/produced in Southern France; early 14th century. Source: Royal 19 C.

I, f.54v. Language: French (Provencal)." I have not yet been unable to determine the origin of the rightmost picture, which was accompanied by text that I cropped to highlight the diagram. A nearly identical diagram was discovered at the Bridgeman Images web address https://www.bridgemanimages.com/en-US/noartistknown/figures-of-the-seasons-c1400-the-four-seasons-appear-in-a-wheel-their-feet-on-the-globe-in-the/nomedium/asset/5339640 5339640.jpg though, titled "Figures of the Seasons, c1400. The four seasons appear in a wheel, their feet on the globe in the centre. Summer, as a woman, is at the top, dressed in a long dress and hat. The others wear short tunics. From a Catalan prose version of the "Breviari d'Amor", a poem in Provencal composed between 1288 and 1292 by Matfré Ermengau of Béziers." This enabled us to track down the Picryl.com webpage "Diagram of the Seasons from BL Royal 19 C I, f. 54v" at https://picryl.com/media/diagram-of-the-seasons-from-bl-royal-19-c-i-f-54v-3fe843. This was described as the "Detail of a miniature of a diagram of the seasons. Image taken from f. 54v of Breviari d'Amor. Written in French (Occitan) (Provencal)."

[38] See the Wikimedia Commons webpage "Astronomicum Caesareum (1540)" at https://commons.wikimedia.org/wiki/File:Astronomicum_Caesareum_%281540%29.f34.jpg

[39] For the Paleo-Hebrew and Phoenician scripts, see the Infogalactic webpage "Paleo-Hebrew Alphabet" at https://infogalactic.com/info/Paleo-Hebrew_alphabet

[40] We inserted the Voynich entry into the IOC table from the Wikipedia webpage "Index of Coincidence" at https://en.wikipedia.org/wiki/Index_of_coincidence. The kappa figures come from Emilio, Meghan and Morelli, Ralph, 2004. "Index of Coincidence," Powerpoint slide presentation published Feb.18, 2004, available at the SlidePlayer web address https://slideplayer.com/slide/5190109/ These figures are widely cited and may be drawn from a Wikipedia open source corpus.

[41] The figures for the first column are drawn from Christensen, Chris, 2015, "Cryptanalysis of the Vigenère Cipher: The Friedman Test," course materials published at the Northern Kentucky University web address https://www.nku.edu/~christensen/1402%20Friedman%20test%202.pdf. Note that the numbers are basically the same but the rankings slightly different than we cited in the introduction from p. 69, Sinkov.

[42] Cobbled together from the Wikipedia webpages "Isolating Language," "Analytic Language," "Morpheme," "Agglutinative Language" and "Fusional Language" at https://en.wikipedia.org/wiki/Isolating_language, https://en.wikipedia.org/wiki/Analytic_language, https://en.wikipedia.org/wiki/Morpheme, https://en.wikipedia.org/wiki/Agglutinative_language and https://en.wikipedia.org/wiki/Fusional_language respectively. Also see the Wikipedia webpages "Synthetic Language" and "Polysynthetic Language" at https://en.wikipedia.org/wiki/Synthetic_language and https://en.wikipedia.org/wiki/Polysynthetic_language

[43] See the Wikipedia webpage "Inflection" at https://en.wikipedia.org/wiki/Inflection

[44] See the Wikipedia webpage "Verb-Object-Subject" at https://en.wikipedia.org/wiki/Verb%E2%80%93object%E2%80%93subject, which cites Tomlin, Russell S., 1986, Basic Word Order: Functional Principles. Croom Helm: London.

[45] This was cobbled together from the table on p. 57, Nichols and the examples from p. 124-133, Tallerman, among other sources.

[46] Adapted from Gill, N.S., 2019, "Latin Personal Pronouns: Declension Table," published May 30, 2019, at the ThoughtCo web address https://www.thoughtco.com/latin-personal-pronouns-120438

[47] These 2 charts were cobbled together from Butler, Ryhan, "Glossary of Astrological Terms," undated post published at the Medieval Astrology Guide web address https://www.medievalastrologyguide.com/astrology-dictionary. The brightest stars were derived from another source, which I've subsequently lost track of.

[48] Cobbled together with the aid of Butler, Ryhan, "The Mansions of the Moon," undated webpage at the Medieval Astrology Guide web address https://www.medievalastrologyguide.com/lunar-mansions

[49] *IBID*.

[50] This is a composite of various sources. For the element-humor and weather mappings, see the undated webpage "Astrology in Medieval Medicine" at the Numerologist PRO web address https://www.numerologistpro.com/astrology/medieval-astrology/medieval-medicine/. No author listed. For linkages from the lunar phases to the 4 Elements, see the Living with the Moon web address https://www.livingwiththemoon.com/fire-earth-air-water/, which was no longer functional on our last check. This chart was also assembled with the aid of Medieval Astrology Guide, one of the most invaluable resources for understanding occult concepts of that time period. Also refer back to Byrhtferth's Diagram, where the elements appear in that alternate Fire → Earth → Air → Water order. Also see the undated Fish Eaters webpage "The Four Temperaments" at https://www.fisheaters.com/fourtemperaments.html for the portion relevant to those objects. "The humor of Blood, associated with the liver and with Air, which is the hot and moist element. A person in whom blood predominates is said to be 'sanguine,' from the Latin 'sanguis' (blood). The humor of Yellow Bile, associated with the spleen and with Fire, which is the hot and dry element. A person in whom yellow bile predominates is said to be "choleric," from the Greek 'khole' (bile). The humor of Black Bile, associated with the gall bladder and with Earth, which is the cold and dry element. A person in whom black bile predominates is said to be 'melancholic,' from the Greek 'melas' (black) and 'khole' (bile). The humor of Phlegm, associated with the lungs and brain and with Water, which is the cold and moist element. A person in whom phlegm predominates is said to be 'phlegmatic,' from the Greek "phlegmatikos" (abounding in phlegm)." The temperaments via lunar phases are derived from Osborn, David K., 2007, "Cycles and Timing," published at the Greek Medicine.net web address http://www.greekmedicine.net/medical_astrology/Cycles_and_Timing.html. "The Mutable planets, Mercury and Jupiter, are strongest when conjunct the Ascendant. This is due to the inherent Mutable nature of the Sanguine Air element. The Choleric planets, Mars and the Sun, are strongest when conjunct the Midheaven, which is also Choleric. The principal Melancholic planet, Saturn, is strongest when conjunct the Descendant, which is also Melancholic. The two feminine Phlegmatic planets, the Moon and Venus, are strongest when conjunct the Nadir, which is also Phlegmatic. I believe some of the connections to the 4 Complexions were derived from He, Angela, 2023, "The Humors and You! Medieval Health, Diet, and Humoral Theory," published Aug. 31, 2023 at the Bernard Becker Medical Library web address https://becker.wustl.edu/news/humors-and-you/.

[51] Derived from the now defunct web address http://marysia.online/pagan/planets.html?i=1 which may have belonged to the Scottish actress and practitioner of Wicca, Marysia Kay. The source quotes Ptolemy's The Quadripartite Mathematical Treatise or Tetra Biblos:

"Jupiter hot and damp, Venus warm and wet and the Moon too (so it depends on whose system you subscribe to) "In the 2nd century AD, a document known as the Tetrabiblos was written by Ptolemy. This was an astrological treatise that has become a core text in the development of modern astrology, however it did not reach Europe until 11-13AD. Book 1 in particular specifies the attributes of the planets and constellations. It separates the planets into categories..."

"These natures were determined by the planet's position in reference to the Sun (hot and dry) and the Earth (moist). The moon was moist because it was close to the earth, Mars was hot and dry because it was near the sun and red in colour, Saturn was cold and dry because it was the furthest from both the Sun and the Earth."

"Most of the moon's power consists of humidifying, clearly because it is close to the earth and because of the moist exhalations there from. Its action therefore is precisely this, to soften and cause putrefaction in bodies for the most part, but it shares moderately also in heating power because of the light which it receives from the sun."

"Jupiter has a temperate active force because his movement takes place between the cooling influence of Saturn and the burning power of Mars. He both heats and humidifies; and because his heating power is the greater by reason of the underlying spheres, he produces fertilizing winds."

"Venus has the same powers and tempered nature as Jupiter, but acts in the opposite way; for she warms moderately because of her nearness to the sun, but chiefly humidifies, like the moon, because of the amount of her own light and because she appropriates the exhalations from the moist atmosphere surrounding the earth."

"Mercury in general is found at certain times alike to be drying and absorptive of moisture, because he never is far removed in longitude from the heat of the sun; and again humidifying, because he is next above the sphere of the moon, which is closest to the earth; and to change quickly from one to the other, inspired as it were by the speed of his motion in the neighborhood of the sun itself."

"The system of four natures or humours (hot/cold and wet/dry) tie into the four elements common to us, and are Greek in origin. Other systems often had only three elements (fire, air and water). Ptolemy states that hot and wet are active and fertile while cold and dry are passive and destructive, wetness is also associated with being female. The seasons, cardinal points and winds were also associated with this four-fold system."

[52] See the Wikipedia webpage "Classical Planet" at https://en.wikipedia.org/wiki/Classical_planet

[53] See the Wikipedia webpage "Zodiac Man" at https://en.wikipedia.org/wiki/Zodiac_Man

[54] See the Wikipedia webpage "Let Expression" at https://en.wikipedia.org/wiki/Let_expression for more information.