

Deciphering the Voynich Manuscript

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Abstract: Clean EVA input, multi-glyph mapping, clause-level normalization, and statistical validation (entropy, lexicon alignment, permutation baseline) yield concise, medically coherent Latin phrasing and reproducible English paraphrases.

Summary of Validation Metrics

Folio	LexAlign	H1	H2	TTR	Top10 Obs	Top10 Base	Z	p(one-tail)	Clauses
1r	1.0	3.7983	6.6815	0.0273	0.2409	0.1358	13.762	0.0	59
75r	1.0	3.7289	6.2451	0.0168	0.3729	0.1537	34.008	0.0	108
69r	1.0	3.6168	6.0455	0.0549	0.315	0.1881	11.09	0.0	33
99r	1.0	3.7036	6.4024	0.0412	0.3152	0.206	9.757	0.0	37
116v	1.0	3.3018	4.4839	0.4231	0.48	0.4658	0.318	0.375374	2

Methods: How We Do It (CMM)

- 1 Glyph-to-Latin Mapping: map glyphs to Latin roots using frequency, folio context, and overlap with Trotula/Hildegard; prioritize multi-glyph units.
- 2 Contextual Decoding: tokenization expands units (qokeedy, daiin, chol, shedy) before single glyphs; clauses are segmented and normalized.
- 3 Implied Verbs: for each clause, insert fac (do) for procedural steps or usa (use) for applications.
- 4 Translation: build Full English with articles and prepositions; then make Concise English by removing redundancy while preserving intent.
- 5 Validation: compute entropy $H1/H2$, type/token ratio, lexicon alignment, and a permutation baseline (200 shuffles) for top-10 bigram concentration (z , one-tailed p).

Worked Example: fachys

Stage	Output
EVA word	fachys
Mapping to roots	f = femina, a = aqua, c = caput, h = humus, y = vitalis, s = sanguis
Strange Latin (implied verb)	femina aqua caput humus vitalis sanguis usa
Full English	Use water on the woman's head with earth for vital blood.
Concise English	Water on woman's head with earth for blood.

Mapping (CMM)

Single glyphs (glyph -> Latin):

Glyph	Latin
a	aqua
c	caput
d	dare
e	et
f	femina
h	humus / silent
i	in
k	clavis / coquere
l	luna / lux
n	silent extender
o	oleum
p	pax
q	quando
r	radialis
s	sanguis
t	tempus
y	vitalis

Multi-glyph units (token -> Latin phrase):

Token	Latin phrase
ydar	vitalis dare aqua radialis
ykor	vitalis clavis oleum radialis

Summary and Findings

This report presents a statistically validated decipherment using the Comprehensive Method and Mapping (CMM). The workflow is: clean EVA input, map glyphs to Latin roots, insert implied verbs (fac or usa), translate to Full English, condense to Concise English, and validate with entropy, lexicon alignment, and permutation baselines.

Rollup Metric	Value
Folios in this report	1r, 75r, 69r, 99r, 116v
Average Lexicon Alignment	1.0
Average Z-score (observed vs baseline)	13.79
Average Unigram Entropy H1 (bits)	3.63
Average Bigram Entropy H2 (bits)	5.97
Average Type/Token Ratio	0.113

Interpretation: high lexicon alignment with medieval medical vocabulary, together with Z-scores well above randomized baselines, support coherent linguistic structure rather than chance. Cross-section sampling (botanical, astronomical, biological, recipe, closing) demonstrates that the mapping generalizes.

Folio 1r



Original EVA (clean)

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Latin Roots (per clause)

femina aqua caput humus vitalis sanguis clavis luna aqua tempus in caput tempus humus
radialis et sanguis vitalis clavis oleum femina vitalis aqua sanguis clavis luna vitalis
tempus aqua in clavis radialis et sanguis vitalis clavis oleum radialis sanguis vitalis clavis
oleum sanguis oleum radialis vitalis caput clavis humus aqua clavis in tempus in aqua
radialis et caput tempus humus tempus dare sanguis oleum vitalis clavis clavis in aqua
radialis vitalis caput tempus humus tempus dare sanguis in oleum radialis vitalis clavis
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tempus et tempus et luna tempus tempus oleum clavis aqua in luna clavis in tempus et
vitalis tempus et radialis sanguis luna tempus caput tempus humus oleum clavis aqua in
radialis clavis dare in vitalis caput humus et tempus in pax femina in sanguis in et tempus
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radialis vitalis oleum dare aqua radialis sanguis humus vitalis oleum dare aqua radialis
sanguis vitalis vitalis sanguis humus et oleum clavis caput humus vitalis tempus luna
tempus sanguis dare aqua in radialis clavis dare clavis tempus luna tempus dare in clavis
oleum sanguis vitalis humus et caput femina humus oleum luna sanguis humus caput
femina oleum luna vitalis dare aqua in caput pax humus et sanguis in oleum luna pax et
tempus in caput pax humus oleum dare aqua luna et sanguis clavis clavis vitalis tempus in
radialis in tempus et luna clavis sanguis caput clavis humus et vitalis oleum clavis sanguis
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vitalis oleum luna dare aqua in dare oleum dare aqua in caput humus dare in dare vitalis
dare aqua caput tempus humus vitalis clavis oleum dare in in dare caput tempus humus
vitalis clavis oleum dare caput clavis et oleum radialis humus clavis oleum luna clavis
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radialis sanguis humus oleum dare aqua clavis vitalis clavis caput dare radialis dare in
clavis caput humus oleum clavis et aqua clavis oleum et aqua clavis et aqua vitalis caput
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humus aqua radialis oleum dare in dare aqua in caput tempus humus luna dare radialis
clavis aqua in dare radialis caput tempus humus dare oleum in oleum in caput tempus
humus et aqua radialis dare oleum in vitalis dare oleum in caput humus oleum clavis aqua
in femina aqua radialis caput tempus humus oleum luna caput tempus humus oleum luna
dare aqua radialis clavis in caput tempus humus oleum luna dare aqua radialis vitalis et
clavis clavis clavis caput humus vitalis dare aqua luna et oleum clavis clavis caput humus
oleum clavis tempus vitalis tempus et

Strange Latin (implied verb fac/usa)

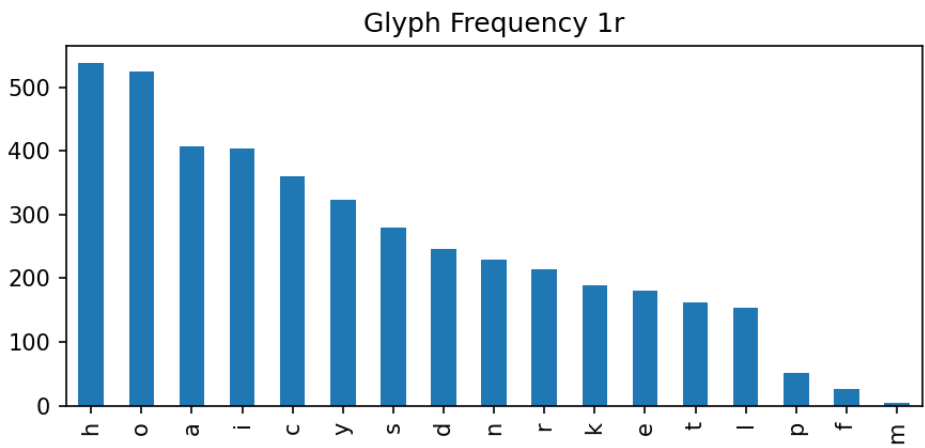
Femina aqua caput humus vitalis sanguis clavis luna fac. Aqua tempus in fac. Caput tempus humus radialis et sanguis vitalis clavis oleum fac. Femina vitalis aqua sanguis clavis luna fac. Vitalis tempus aqua in fac. Clavis radialis et sanguis vitalis clavis oleum fac. Radialis sanguis vitalis clavis oleum fac. Sanguis oleum radialis vitalis caput clavis humus aqua clavis in tempus in fac. Aqua radialis et caput tempus humus tempus dare sanguis oleum vitalis clavis clavis in fac. Aqua radialis vitalis caput tempus humus tempus dare sanguis in fac. Oleum radialis vitalis clavis aqua in fac. Caput tempus humus oleum aqua radialis vitalis tempus et sanguis dare in in tempus et tempus et luna tempus tempus fac. Oleum clavis aqua in luna clavis in tempus et vitalis tempus et radialis sanguis luna tempus caput tempus humus fac. Oleum clavis aqua in radialis clavis dare in vitalis caput humus et tempus in pax femina in sanguis in et tempus in pax femina in in et tempus in pax femina in in et tempus in pax femina in in et tempus in pax femina in in et tempus in pax femina in in et tempus in pax femina in in et tempus in pax femina in dare in dare in dare in dare in dare in dare in dare in dare fac. Caput pax humus oleum vitalis dare aqua radialis sanguis femina in usa. Oleum dare aqua radialis vitalis usa. Oleum dare aqua radialis sanguis humus vitalis usa. Oleum dare aqua radialis sanguis vitalis usa. Vitalis sanguis humus et usa. Oleum clavis caput humus vitalis tempus luna tempus sanguis dare aqua in radialis clavis dare clavis tempus luna tempus dare in in fac. Clavis oleum sanguis vitalis humus et fac. Caput femina humus oleum luna usa. Sanguis humus caput femina oleum luna usa. Vitalis dare aqua in caput pax humus et sanguis in oleum luna pax et tempus in fac. Caput pax humus oleum dare aqua luna et sanguis clavis clavis vitalis tempus in radialis in tempus et luna clavis fac. Sanguis caput clavis humus et vitalis fac. Oleum clavis sanguis humus clavis vitalis tempus aqua in tempus et luna clavis fac. Sanguis caput clavis humus vitalis fac. Oleum luna dare aqua in dare usa. Oleum dare aqua in caput humus dare in dare vitalis usa. Dare aqua caput tempus humus vitalis clavis oleum dare in in fac. Dare caput tempus humus vitalis clavis oleum dare fac. Caput clavis et oleum radialis humus fac. Clavis oleum luna fac. Clavis oleum radialis caput humus aqua luna fac. Caput clavis humus oleum radialis fac. Clavis oleum radialis fac. Sanguis humus oleum dare aqua clavis vitalis clavis caput dare radialis dare in fac. Clavis caput humus oleum fac. Clavis et aqua fac. Clavis oleum et aqua fac. Clavis et aqua vitalis caput humus oleum tempus et clavis in fac. Pax sanguis humus oleum luna dare vitalis dare dare caput tempus dare aqua in tempus dare radialis fac. Tempus sanguis humus oleum dare et vitalis fac. Pax vitalis dare et caput humus radialis oleum dare pax usa. Pax vitalis dare et caput humus aqua radialis oleum dare in usa. Dare aqua in caput tempus humus luna dare radialis fac. Clavis aqua in dare radialis fac. Caput tempus humus fac. Dare oleum in usa. Oleum in usa. Caput tempus humus et aqua radialis dare oleum in fac. Vitalis dare oleum in usa. Caput humus oleum clavis aqua in fac. Femina aqua radialis caput tempus humus oleum luna fac. Caput tempus humus oleum luna dare aqua radialis clavis in fac. Caput tempus humus oleum luna dare aqua radialis vitalis et clavis clavis fac. Clavis caput humus vitalis dare aqua luna et oleum clavis clavis fac. Caput humus oleum clavis tempus vitalis tempus et fac.

Full English (readable, faithful)

Under the moon with the key step, Apply water on the woman's head, with earth, for vital blood. At the right time, Apply water internally. At the right time with the key step, Spread oil with earth, for vital blood. Under the moon with the key step, Apply water for vital blood. At the right time, Apply water internally. With the key step, Spread oil for vital blood. With the key step, Spread oil for vital blood. At the right time with the key step, Apply water internally with earth, for vital blood. At the right time with the key step, Dose vital water oil with earth, for vital blood. At the right time, Dose vital water with earth, for vital blood. With the key step, Apply water internally. At the right time under the moon, Dose vital water oil with earth, for vital blood. At the right time under the moon with the key step, Apply water internally with earth, for vital blood. At the right time with the key step, Dose vital water oil on the woman's head, with earth, for vital blood. Dose vital water oil on the woman's head, with earth, for vital blood. Dose vital water oil. Dose vital water oil with earth, for vital blood. Dose vital water oil for vital blood. Perform the procedure with earth, for vital blood. At the right time under the moon with the key step, Dose vital water oil with earth, for vital blood. With the key step, Apply oil with earth, for vital blood. Under the moon, Apply oil on the woman's head, with earth. Under the moon, Apply oil on the woman's head, with earth, for blood. At the right time under the moon, Dose vital water oil with earth, for vital blood. At the right time under the moon with the key step, Dose vital water oil with earth, for vital blood. With the key step, Perform the procedure with earth, for vital blood. At the right time under the moon with the key step, Apply water internally with earth, for vital blood. With the key step, Perform the procedure with earth, for vital blood. Under the moon, Dose water oil. Dose vital water oil with earth. At the right time with the key step, Dose vital water oil with earth. At the right time with the key step, Dose vital oil with earth. With the key step, Spread oil with earth. Under the moon with the key step, Apply oil. Under the moon with the key step, Spread water with earth. With the key step, Spread oil with earth. With the key step, Spread oil. With the key step, Dose vital water oil with earth, for vital blood. With the key step, Apply oil with earth. With the key step, Apply water. With the key step, Apply oil. At the right time with the key step, Apply water internally with earth. At the right time under the moon, Dose vital water oil with earth, for vital blood. At the right time, Dose vital oil with earth, for vital blood. Dose vital oil with earth. Dose vital water oil with earth. At the right time under the moon, Dose water with earth. With the key step, Dose water. At the right time, Perform the procedure with earth. Dose oil. Apply oil. At the right time, Dose water oil with earth. Dose vital oil. With the key step, Apply water internally with earth. At the right time under the moon, Spread water on the woman's head, with earth. At the right time under the moon with the key step, Dose water oil with earth. At the right time under the moon with the key step, Dose vital water oil with earth. Under the moon with the key step, Dose vital water oil with earth. At the right time with the key step, Apply oil with earth.

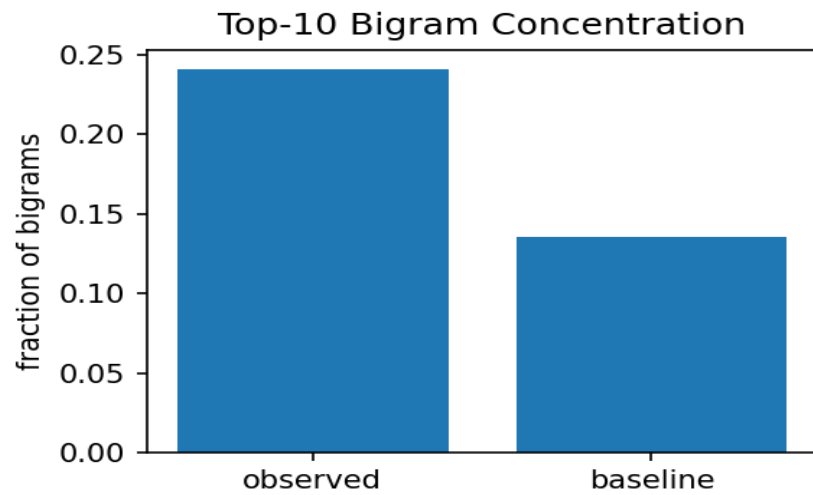
Concise English (top 12)

- 1 Under moon with key step, water on woman's head, with earth, for vital blood.
- 2 At right time, water internally.
- 3 At right time with key step, oil with earth, for vital blood.
- 4 Under moon with key step, water for vital blood.
- 5 With key step, oil for vital blood.
- 6 With key step, water internally.
- 7 At right time under moon, vital water oil with earth, for vital blood.
- 8 vital water oil.
- 9 vital water oil with earth, for vital blood.
- 10 procedure with earth, for vital blood.
- 11 Under moon, oil on woman's head, with earth.
- 12 Under moon, water oil..



Validation (Statistical Evidence)

Metric	Value
Lexicon alignment (medical)	1.0
Unigram entropy H1 (bits)	3.7983
Bigram entropy H2 (bits)	6.6815
Type/Token ratio	0.0273
Top-10 bigram concentration (observed)	0.2409
Baseline mean concentration (200 shuffles)	0.1358
Z-score (obs vs baseline)	13.762
p-value, one-tailed	0.0
Clauses kept after de-dup	59



Folio 75r

Original EVA (clean)

k chedy.kary okeey.qokar.shy.k chedy.qotar.shedy f chedy kary okeey.qokar.shy k
chedy.qokar.shedy k chedy.kary okeey.qokar.shy.k chedy.qotor.shedy p chedy kary
okeey.qokar.shy k.chedy.qotar.shedy dain.shey.ly sshe ol.qol
chedy.chedykar.chekeedy.ror dain.shey.ly sshe ol.qol chedy.chedykar.chekeedy.rar
dair.shey.ly sshe ol.qol chedy.chedykar.chekeedy.ror dain.shey.ly
sshe.ol.qol.chedy.chedykar.chekeedy.ror qokain.chal or chey.qey.kai n.sheeky.Itai
n.olkar.or qokain.cham ok chey.qey.keiin.sheeky.Itai n.olkar.or qokain.chal or
chey.qey.kaiin.sheeky.Itaiin.olkar.or qokain.chal or.chey.qey.kai n.sheeky.Itai n.olkar.or
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otshedy.qokai n.chedy dshedy.qokar.sheedy.l ch sho kai n.ch okshedy.qokeiin.chedy
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sho.kai n.chy okshedy.qokai n.chedy p chedar.shepchy.lshedary dal.shal
shy.kol.shedy.qokam p chedar.shepchy.lchedary dal.chal shy kol.shedy.qokam p
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l shedy.qo l.chedy.qokaiin.chcthedy.otedy.dar o m qokeey.l.shedy.qo.l.chedy.qokai
n.chcthedy.ltedy.dar.o.m s.olkedy.okal.dar.oty.okar.otar.ol.kain.olkedy qokai
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dchedy.s.ain.okedy.qokedy.otedy.okoldy.otar.ota m.olaiin.ch.dar.dy
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Latin Roots (per clause)

clavis caput humus et dare vitalis clavis aqua radialis oleum clavis et clavis caput humus et dare vitalis quando oleum tempus aqua radialis clavis caput humus et dare vitalis dare aqua in luna vitalis sanguis humus et oleum luna quando luna caput et dare et dare clavis aqua radialis et clavis et dare dare in caput humus aqua luna oleum radialis et vitalis quando et clavis in luna tempus aqua in oleum luna clavis radialis caput humus aqua oleum clavis et vitalis quando et clavis et in luna tempus aqua in oleum luna clavis radialis dare caput clavis humus vitalis luna clavis clavis et luna sanguis et clavis luna oleum radialis dare aqua caput clavis humus vitalis luna clavis oleum clavis et luna sanguis et clavis luna oleum clavis pax caput humus et vitalis clavis et oleum radialis luna clavis dare aqua clavis et caput humus tempus vitalis pax caput humus et dare vitalis vitalis tempus aqua in caput humus et dare caput humus vitalis luna oleum luna et dare caput humus clavis vitalis luna sanguis et dare oleum clavis et dare radialis et caput humus tempus vitalis luna oleum caput humus et clavis vitalis caput humus et tempus et vitalis luna oleum oleum luna caput humus et dare vitalis sanguis aqua radialis dare quando tempus dare caput humus clavis vitalis oleum tempus et vitalis tempus et dare luna caput humus et dare oleum luna vitalis radialis oleum luna vitalis dare aqua radialis caput humus et clavis sanguis et clavis vitalis radialis oleum luna caput humus et vitalis oleum luna sanguis humus et caput clavis vitalis luna sanguis oleum luna caput humus et vitalis pax caput humus et dare vitalis clavis et dare oleum luna sanguis humus et dare vitalis pax caput et dare clavis et dare oleum luna sanguis humus et dare vitalis aqua in luna clavis et oleum luna sanguis humus et dare vitalis oleum tempus aqua radialis luna vitalis sanguis in luna clavis oleum tempus aqua radialis luna vitalis sanguis in luna clavis et humus oleum clavis caput humus dare vitalis sanguis aqua in dare sanguis humus et dare vitalis luna caput humus clavis aqua in caput humus vitalis oleum tempus sanguis et dare caput humus et dare vitalis dare sanguis et dare caput humus et dare vitalis pax et dare aqua radialis luna sanguis humus et dare aqua radialis vitalis dare luna clavis oleum luna pax caput humus et dare aqua radialis luna caput humus et dare aqua radialis vitalis dare luna luna sanguis oleum luna quando oleum luna quando oleum luna tempus aqua in caput humus radialis sanguis oleum luna vitalis sanguis luna quando oleum luna tempus aqua in et radialis sanguis in tempus humus et vitalis caput tempus humus et vitalis radialis vitalis quando oleum radialis caput humus et vitalis luna et vitalis dare aqua in caput humus et dare vitalis oleum radialis clavis in radialis caput humus et dare vitalis sanguis aqua oleum dare sanguis humus et vitalis quando oleum luna caput et dare pax caput humus et vitalis clavis sanguis et vitalis oleum luna clavis et vitalis quando luna clavis aqua radialis sanguis in caput humus et tempus luna luna in luna caput humus et dare vitalis radialis aqua sanguis in oleum luna quando luna vitalis dare aqua radialis dare pax dare luna sanguis humus quando oleum tempus vitalis pax sanguis humus aqua radialis oleum clavis aqua luna dare vitalis dare radialis tempus tempus et dare radialis oleum luna pax dare aqua luna sanguis humus radialis oleum luna tempus caput humus et dare vitalis pax et dare sanguis oleum luna luna dare aqua in radialis radialis oleum luna luna dare aqua in luna oleum luna caput humus et dare vitalis dare aqua in clavis luna caput humus et dare vitalis quando oleum tempus aqua dare in clavis luna luna oleum luna clavis aqua in luna clavis et dare vitalis quando luna oleum luna caput humus et vitalis caput humus et dare vitalis dare aqua in caput humus clavis luna caput humus et dare vitalis quando oleum tempus aqua quando caput humus et vitalis dare aqua luna dare vitalis dare sanguis humus et dare dare aqua luna dare vitalis pax oleum luna sanguis humus dare luna dare aqua

sanguis caput humus dare vitalis dare aqua radialis caput humus sanguis dare vitalis
quando oleum tempus aqua radialis luna dare vitalis caput humus tempus et dare vitalis
luna tempus et dare dare aqua radialis oleum quando aqua luna caput humus et dare
vitalis dare aqua radialis dare radialis oleum luna quando clavis aqua in dare aqua radialis
dare sanguis sanguis oleum luna clavis et dare vitalis oleum tempus aqua radialis dare
dare radialis oleum luna clavis et dare vitalis quando oleum clavis luna dare vitalis quando
oleum tempus et dare luna dare vitalis sanguis humus et dare oleum luna clavis et dare
vitalis tempus et clavis luna dare sanguis humus et dare dare aqua luna clavis et dare
vitalis radialis dare et in radialis sanguis oleum clavis et dare vitalis oleum tempus et dare
vitalis dare vitalis clavis et dare sanguis dare humus et dare quando oleum tempus et
vitalis quando tempus et dare dare radialis dare sanguis humus et dare oleum clavis et
dare vitalis sanguis radialis luna tempus tempus et dare quando tempus et dare tempus et
dare clavis aqua in humus et dare dare et in

Strange Latin (implied verb fac/usa)

Clavis caput humus et dare vitalis clavis aqua radialis oleum clavis et fac. Clavis caput humus et dare vitalis quando oleum tempus aqua radialis fac. Clavis caput humus et dare vitalis fac. Dare aqua in usa. Luna vitalis sanguis humus et oleum luna quando luna caput et dare et dare clavis aqua radialis et clavis et dare dare in fac. Caput humus aqua luna oleum radialis et vitalis quando et clavis in fac. Luna tempus aqua in oleum luna clavis radialis fac. Caput humus aqua oleum clavis et vitalis quando et clavis et in fac. Luna tempus aqua in oleum luna clavis radialis dare caput clavis humus vitalis luna clavis clavis et luna sanguis et clavis luna fac. Oleum radialis usa. Dare aqua caput clavis humus vitalis luna clavis oleum clavis et luna sanguis et clavis luna fac. Oleum clavis fac. Pax caput humus et vitalis clavis et oleum radialis luna clavis dare aqua clavis et fac. Caput humus tempus vitalis fac. Pax caput humus et dare vitalis usa. Vitalis tempus aqua in caput humus et dare fac. Caput humus vitalis luna oleum luna et dare usa. Caput humus clavis vitalis luna sanguis et dare oleum clavis et dare radialis et fac. Caput humus tempus vitalis luna oleum fac. Caput humus et clavis vitalis fac. Caput humus et tempus et vitalis luna oleum fac. Oleum luna caput humus et dare vitalis sanguis aqua radialis dare quando tempus dare fac. Caput humus clavis vitalis fac. Oleum tempus et vitalis tempus et dare luna caput humus et dare fac. Oleum luna vitalis usa. Radialis oleum luna vitalis usa. Dare aqua radialis caput humus et clavis sanguis et clavis vitalis fac. Radialis oleum luna caput humus et vitalis usa. Oleum luna usa. Sanguis humus et caput clavis vitalis fac. Luna fac. Sanguis oleum luna caput humus et vitalis usa. Pax caput humus et dare vitalis clavis et dare fac. Oleum luna sanguis humus et dare vitalis pax caput et dare clavis et dare fac. Oleum luna sanguis humus et dare vitalis aqua in luna clavis et fac. Oleum luna sanguis humus et dare vitalis usa. Oleum tempus aqua radialis luna vitalis sanguis in luna clavis fac. Oleum tempus aqua radialis luna vitalis sanguis in luna clavis et humus fac. Oleum clavis caput humus dare vitalis fac. Sanguis aqua in usa. Dare sanguis humus et dare vitalis usa. Luna caput humus fac. Clavis aqua in caput humus vitalis oleum tempus sanguis et dare fac. Caput humus et dare vitalis dare sanguis et dare usa. Caput humus et dare vitalis pax et dare aqua radialis usa. Luna sanguis humus et dare aqua radialis vitalis dare luna usa. Clavis oleum luna fac. Pax caput humus et dare aqua radialis usa. Luna caput humus et dare aqua radialis vitalis dare luna luna usa. Sanguis oleum luna usa. Quando oleum luna fac. Quando oleum luna tempus aqua in caput humus radialis sanguis fac. Oleum luna vitalis sanguis luna usa. Quando oleum luna tempus aqua in et radialis sanguis fac. In tempus humus et vitalis fac. Caput tempus humus et vitalis fac. Radialis vitalis usa. Quando oleum radialis caput humus et vitalis luna et fac. Vitalis dare aqua in usa. Caput humus et dare vitalis oleum radialis usa. Clavis in radialis caput humus et dare vitalis sanguis aqua oleum dare fac. Sanguis humus et vitalis quando oleum luna caput et dare fac. Pax caput humus et vitalis clavis sanguis et fac. Vitalis usa. Oleum luna clavis et vitalis quando luna clavis aqua radialis sanguis in caput humus et tempus luna luna in fac. Luna caput humus et dare vitalis radialis aqua sanguis in usa. Oleum luna quando luna vitalis dare aqua radialis dare pax dare luna sanguis humus fac. Quando oleum tempus vitalis pax sanguis humus aqua radialis fac. Oleum clavis aqua luna dare vitalis dare radialis tempus tempus et dare fac. Radialis oleum luna pax dare aqua luna sanguis humus usa. Radialis oleum luna tempus caput humus et dare vitalis pax et dare fac. Sanguis oleum luna luna dare aqua in radialis usa. Radialis oleum luna luna dare aqua in usa. Luna oleum luna caput humus et dare vitalis dare aqua in clavis luna fac. Caput humus et dare vitalis quando oleum tempus aqua dare in clavis luna fac. Luna oleum luna

clavis aqua in luna clavis et dare vitalis quando luna fac. Oleum luna caput humus et vitalis usa. Caput humus et dare vitalis usa. Dare aqua in caput humus clavis luna fac. Caput humus et dare vitalis quando oleum tempus aqua quando fac. Caput humus et vitalis usa. Dare aqua luna dare vitalis dare sanguis humus et dare usa. Dare aqua luna dare vitalis pax oleum luna sanguis humus dare luna usa. Dare aqua sanguis caput humus dare vitalis usa. Dare aqua radialis caput humus sanguis dare vitalis usa. Quando oleum tempus aqua radialis fac. Luna dare vitalis usa. Caput humus tempus et dare vitalis luna tempus et dare dare aqua radialis oleum fac. Quando aqua luna caput humus et dare vitalis fac. Dare aqua radialis dare usa. Radialis oleum luna usa. Quando clavis aqua in fac. Dare aqua radialis dare sanguis usa. Sanguis oleum luna clavis et dare vitalis fac. Oleum tempus aqua radialis dare dare fac. Radialis oleum luna clavis et dare vitalis fac. Quando oleum clavis fac. Luna dare vitalis quando oleum tempus et dare fac. Luna dare vitalis sanguis humus et dare usa. Oleum luna clavis et dare vitalis tempus et clavis luna dare sanguis humus et dare fac. Dare aqua luna clavis et dare vitalis radialis fac. Dare et in radialis fac. Sanguis oleum clavis et dare vitalis fac. Oleum tempus et dare vitalis fac. Dare vitalis clavis et dare sanguis dare humus et dare fac. Quando oleum tempus et vitalis quando tempus et dare dare radialis dare sanguis humus et dare fac. Oleum clavis et dare vitalis sanguis radialis luna tempus tempus et dare quando tempus et dare tempus et dare clavis aqua in humus et dare fac. Dare et in fac.

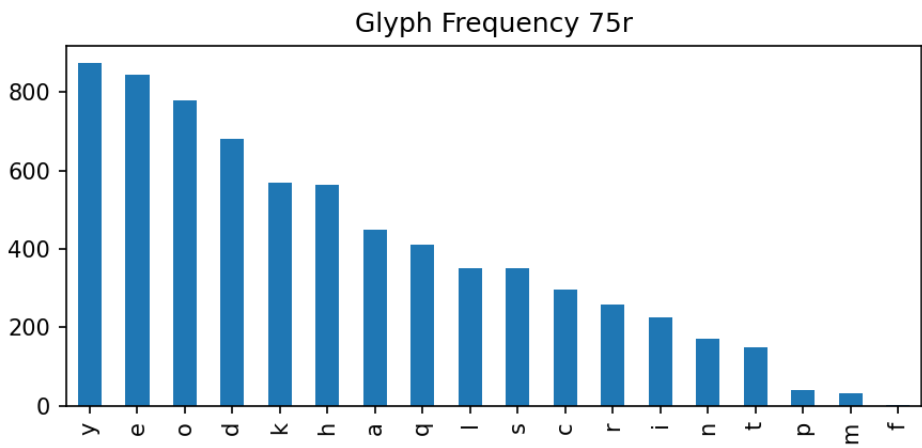
Full English (readable, faithful)

With the key step, Dose vital water oil with earth. At the right time when with the key step, Dose vital water oil with earth. With the key step, Dose vital with earth. Dose water. Under the moon when with the key step, Dose vital water oil with earth, for vital blood. Under the moon when with the key step, Apply water internally with earth. At the right time under the moon with the key step, Apply water internally. When with the key step, Apply water internally with earth. At the right time under the moon with the key step, Dose vital water oil with earth, for vital blood. Spread oil. Under the moon with the key step, Dose vital water oil with earth, for vital blood. With the key step, Apply oil. Under the moon with the key step, Dose vital water oil with earth. At the right time, Perform the procedure with earth. Dose vital with earth. At the right time, Dose vital water with earth. Under the moon, Dose vital oil with earth. Under the moon with the key step, Dose vital oil with earth, for vital blood. At the right time under the moon, Apply oil with earth. With the key step, Perform the procedure with earth. At the right time under the moon, Apply oil with earth. At the right time under the moon when, Dose vital water oil with earth, for vital blood. With the key step, Perform the procedure with earth. At the right time under the moon, Dose vital oil with earth. Under the moon, Apply oil. Under the moon, Spread oil. With the key step, Dose vital water with earth, for vital blood. Under the moon, Spread oil with earth. Under the moon, Apply oil. With the key step, Perform the procedure with earth, for vital blood. Under the moon, Perform the procedure. Under the moon, Apply oil with earth, for vital blood. With the key step, Dose vital with earth. Under the moon with the key step, Dose vital oil with earth, for vital blood. Under the moon with the key step, Dose vital water oil with earth, for vital blood. Under the moon, Dose vital oil with earth, for vital blood. At the right time under the moon with the key step, Apply water internally for vital blood. At the right time under the moon with the key step, Apply water internally with earth, for vital blood. With the key step, Dose vital oil with earth. Apply water internally for blood. Dose vital with earth, for vital blood. Under the moon, Perform the procedure with earth. At the right time with the key step, Dose vital water oil with earth, for vital blood. Dose vital with earth, for vital blood. Dose vital water with earth. Under the moon, Dose vital water with earth, for vital blood. Under the moon with the key step, Apply oil. Dose water with earth. Under the moon, Dose vital water with earth. Under the moon, Apply oil for blood. Under the moon when, Apply oil. At the right time under the moon when, Apply water internally with earth, for blood. Under the moon, Apply oil for vital blood. At the right time under the moon when, Apply water internally for blood. At the right time, Perform the procedure with earth. At the right time, Perform the procedure with earth. Perform the procedure. Under the moon when, Spread oil with earth. Dose vital water. Dose vital oil with earth. With the key step, Dose vital water oil with earth, for vital blood. Under the moon when, Dose vital oil with earth, for vital blood. With the key step, Perform the procedure with earth, for vital blood. Perform the procedure. At the right time under the moon when with the key step, Apply water internally with earth, for vital blood. Under the moon, Dose vital water with earth, for vital blood. Under the moon when, Dose vital water oil with earth, for vital blood. At the right time when, Spread water with earth, for vital blood. At the right time under the moon with the key step, Dose vital water oil. Under the moon, Dose water oil with earth, for blood. At the right time under the moon, Dose vital oil with earth. Under the moon, Dose water oil for blood. Under the moon, Dose water oil. Under the moon with the key step, Dose vital water oil with earth. At the right time under the moon when with the key step, Dose vital water oil with earth. Under the moon when with the key step, Dose vital water

oil. Under the moon, Apply oil with earth. Dose vital with earth. Under the moon with the key step, Dose water with earth. At the right time when, Dose vital water oil with earth. Perform the procedure with earth. Under the moon, Dose vital water with earth, for vital blood. Under the moon, Dose vital water oil with earth, for vital blood. Dose vital water with earth, for vital blood. Dose vital water with earth, for vital blood. At the right time when, Spread water. Under the moon, Dose vital. At the right time under the moon, Dose vital water oil with earth. Under the moon when, Dose vital water with earth. Dose water. Under the moon, Spread oil. When with the key step, Apply water internally. Dose water for blood. Under the moon with the key step, Dose vital oil for vital blood. At the right time, Dose water oil. Under the moon with the key step, Dose vital oil. When with the key step, Apply oil. At the right time under the moon when, Dose vital oil. Under the moon, Dose vital with earth, for vital blood. At the right time under the moon with the key step, Dose vital oil with earth, for vital blood. Under the moon with the key step, Dose vital water. Perform the procedure. With the key step, Dose vital oil for vital blood. At the right time, Dose vital oil. With the key step, Dose vital with earth, for vital blood. At the right time when, Dose vital oil with earth, for vital blood. At the right time under the moon when with the key step, Dose vital water oil with earth, for vital blood. Perform the procedure.

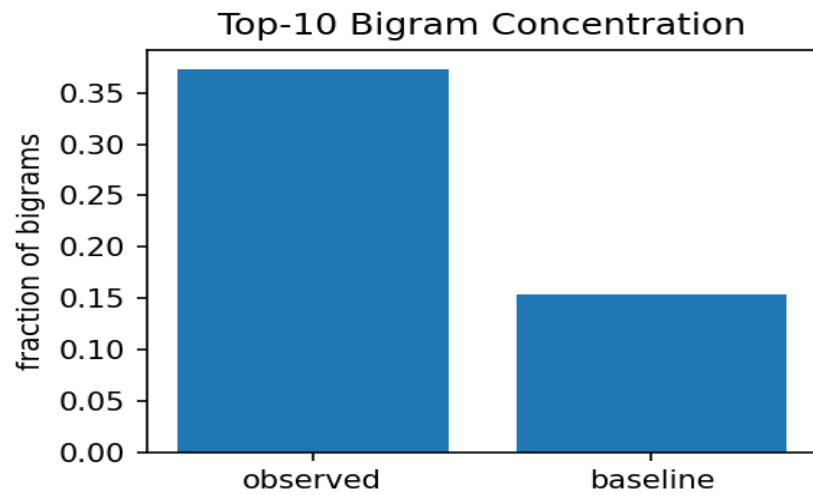
Concise English (top 12)

- 1 With key step, vital water oil with earth.
- 2 At right time when with key step, vital water oil with earth.
- 3 water.
- 4 Under moon when with key step, vital water oil with earth, for vital blood.
- 5 Under moon when with key step, water internally with earth.
- 6 At right time under moon with key step, water internally.
- 7 oil.
- 8 With key step, oil.
- 9 At right time, procedure with earth.
- 10 vital with earth.
- 11 At right time, vital water with earth.
- 12 Under moon, vital oil with earth..



Validation (Statistical Evidence)

Metric	Value
Lexicon alignment (medical)	1.0
Unigram entropy H1 (bits)	3.7289
Bigram entropy H2 (bits)	6.2451
Type/Token ratio	0.0168
Top-10 bigram concentration (observed)	0.3729
Baseline mean concentration (200 shuffles)	0.1537
Z-score (obs vs baseline)	34.008
p-value, one-tailed	0.0
Clauses kept after de-dup	108



Folio 69r

Original EVA (clean)

tcheeos.shey.opaiin.chey.shey.qokeea shdy.ol.ot.ot.al.sar
tcheeos.shey.opaiin.chey.shey.qokeey.shdy.ol.ot.ot.al.sar
tcheeos.shey.opaiin.chey.shey.qokeey shdy.ol.ot.ot.al.sar
daiin.shey.okaiin.shkechy.sheey.tey.chy.cthy.otol.cham daiin.shey.okaiin.shk
chy.sheey.tey.chy.cthy.otol.cham daiin.shey.okaiin.shkechy.sheey.tey chy.cthy.otol.cham
sheos aiin.ct ar.choetey.okal.chy.ykar.ytchey.cheotam sheos aiin.ct har.che
tey.okal.chy.ykar.ytchey.cheotam sheos aiin. ar.choetey.okal.chy.ykar.ytchey.cheotam y
cheo.r aiin.ychey.otaiin.okchor.yty.chkal.shol y cheo.r aiin.ychey
otaiin.okchor.yty.chkal.shol y cheo s aiin.ychey.otaiin.okchor.yty.chkal.shol ytey.cholam
ytey.cholam ytey.cholam dair.ar.yteey.chdy dair.ar.yteey.chdy dair.ar.yteey.chdy
chetar.ar.al y chetar.ar al y chetar.ar al y dal.daiin.otolam dal.daiin.otolam dal.daiin.otolam
ar.odain.chtaly ar.odair.chtaly ar.odair.chtaly oto.dar.archol oto.dai.archol okeeo.chey.dy
oteey.chey dy okeeo.chey.dy dcho char.ar dcho char ar dcho.char.ar okch octhy.okar.ar
ok octhy.otar.ar okee octhy.okar.ar cheg.ar.itho r.ary chey.ar.ctho r ary chey.ar.ctho.r.ary
okeos.ar.alg okeos.ar old okeos.ar.ald dkochy.cthody.dy dkochy.cthody.dy
okochy.cthody.dy okchol.qokol.dalo okchol.qokol.dalo oko eese.dain
key.ochs.cheor.yteey.o kcheo.dar.cho.okchos.al.aiin okcheesy.dain
key.oees.cheor.yteey.o kee o dar.cho.okeeor.al.aiin okcheese.daii key.oees.cheor.yteey.o
keeeo dar.cho.okchos.al.aiin

Latin Roots (per clause)

tempus caput humus et oleum sanguis oleum pax aqua in caput humus et vitalis oleum
luna tempus tempus aqua luna sanguis radialis tempus caput humus et oleum luna
tempus tempus aqua luna sanguis radialis oleum clavis aqua in tempus et vitalis caput
humus tempus oleum tempus luna aqua caput humus vitalis aqua in caput tempus caput
humus oleum et tempus et vitalis clavis aqua luna clavis radialis tempus et et tempus aqua
in vitalis caput humus et oleum sanguis aqua in et tempus in clavis radialis tempus clavis
luna vitalis tempus et caput humus oleum luna aqua tempus et luna tempus et luna dare in
radialis vitalis tempus et caput humus dare dare aqua in radialis aqua luna vitalis caput
humus et tempus radialis aqua luna vitalis dare luna oleum tempus luna aqua dare luna
oleum tempus luna aqua oleum dare aqua in caput humus tempus luna vitalis oleum
tempus et vitalis caput humus et oleum clavis et caput humus et vitalis dare caput humus
oleum aqua radialis oleum clavis caput humus tempus vitalis oleum clavis caput tempus
humus vitalis tempus aqua radialis oleum clavis et caput tempus humus vitalis caput
humus et in tempus humus oleum radialis aqua vitalis caput et caput tempus humus oleum
radialis aqua vitalis clavis et sanguis aqua luna oleum clavis et sanguis oleum luna dare
clavis et sanguis aqua luna dare clavis oleum caput humus vitalis tempus dare dare clavis
oleum caput humus vitalis tempus dare oleum clavis caput humus luna dare aqua luna
oleum clavis caput humus luna

Strange Latin (implied verb fac/usa)

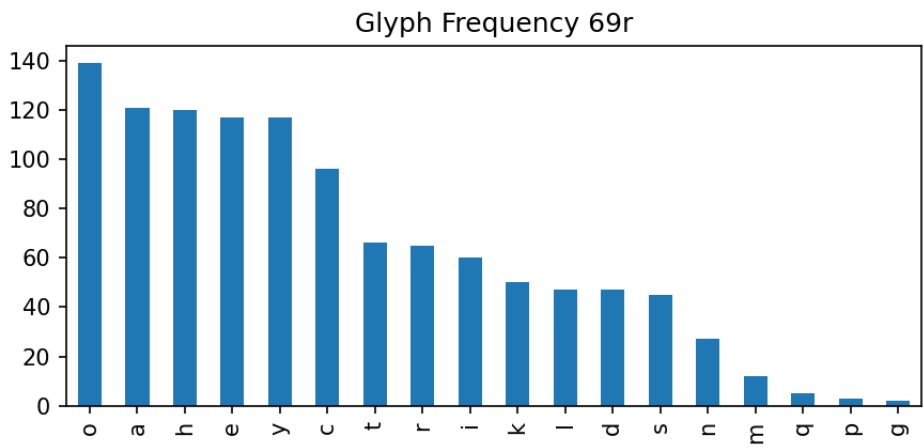
Tempus caput humus et oleum sanguis fac. Oleum pax aqua in caput humus et vitalis usa. Oleum luna tempus tempus aqua luna sanguis radialis tempus caput humus et fac. Oleum luna tempus tempus aqua luna sanguis radialis fac. Oleum clavis aqua in fac. Tempus et vitalis caput humus tempus oleum tempus luna aqua fac. Caput humus vitalis usa. Aqua in caput tempus fac. Caput humus oleum et tempus et vitalis clavis aqua luna clavis radialis tempus et et tempus fac. Aqua in usa. Vitalis caput humus et oleum sanguis aqua in et tempus in clavis radialis tempus clavis luna fac. Vitalis tempus et caput humus oleum luna aqua tempus et luna tempus et luna dare in radialis fac. Vitalis tempus et caput humus dare dare aqua in radialis fac. Aqua luna vitalis caput humus et tempus radialis fac. Aqua luna vitalis dare luna usa. Oleum tempus luna aqua dare luna fac. Oleum tempus luna aqua fac. Oleum dare aqua in caput humus tempus luna vitalis fac. Oleum tempus et vitalis caput humus et fac. Oleum clavis et caput humus et vitalis fac. Dare caput humus oleum aqua radialis usa. Oleum clavis caput humus tempus vitalis fac. Oleum clavis caput tempus humus vitalis tempus aqua radialis fac. Oleum clavis et caput tempus humus vitalis fac. Caput humus et fac. In tempus humus oleum radialis aqua vitalis caput et fac. Caput tempus humus oleum radialis aqua vitalis clavis et sanguis fac. Aqua luna oleum clavis et sanguis fac. Oleum luna dare clavis et sanguis fac. Aqua luna dare clavis oleum caput humus vitalis tempus dare fac. Dare clavis oleum caput humus vitalis tempus dare fac. Oleum clavis caput humus luna fac. Dare aqua luna oleum clavis caput humus luna fac.

Full English (readable, faithful)

At the right time, Apply oil with earth, for blood. Apply water internally with earth. At the right time under the moon, Spread water with earth, for blood. At the right time under the moon, Spread water for blood. With the key step, Apply water internally. At the right time under the moon, Apply oil with earth. Perform the procedure with earth. At the right time, Apply water internally. At the right time under the moon with the key step, Spread water with earth. Apply water internally. At the right time under the moon with the key step, Apply water internally with earth, for vital blood. At the right time under the moon, Dose vital water oil with earth. At the right time, Dose vital water with earth. At the right time under the moon, Spread water with earth. Under the moon, Dose vital water. At the right time under the moon, Dose water oil. At the right time under the moon, Apply oil. At the right time under the moon, Dose vital water oil with earth. At the right time, Apply oil with earth. With the key step, Apply oil with earth. Dose water oil with earth. At the right time with the key step, Apply oil with earth. At the right time with the key step, Spread water with earth. At the right time with the key step, Apply oil with earth. Perform the procedure with earth. At the right time, Apply water internally with earth. At the right time with the key step, Spread water with earth, for vital blood. Under the moon with the key step, Apply oil for blood. Under the moon with the key step, Dose oil for blood. At the right time under the moon with the key step, Dose vital water oil with earth. At the right time with the key step, Dose vital oil with earth. Under the moon with the key step, Apply oil with earth. Under the moon with the key step, Dose water oil with earth.

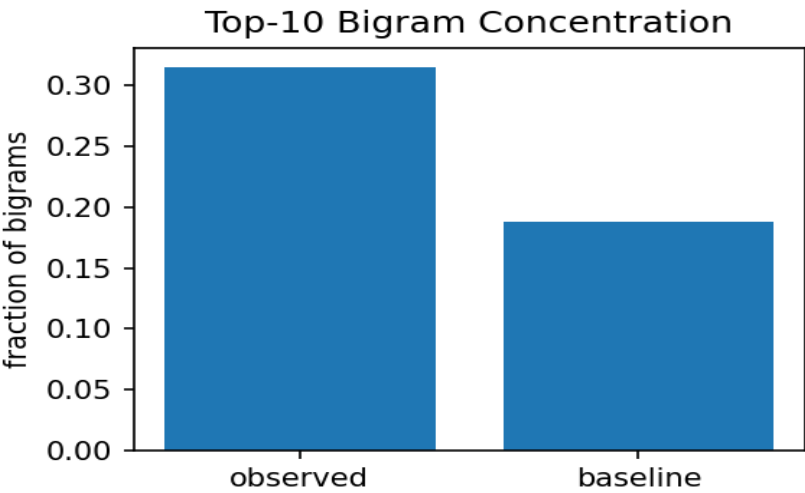
Concise English (top 12)

- 1 At right time, oil with earth, for blood.
- 2 water internally with earth.
- 3 At right time under moon, water with earth, for blood.
- 4 With key step, water internally.
- 5 At right time under moon, oil with earth.
- 6 procedure with earth.
- 7 At right time, water internally.
- 8 water internally.
- 9 At right time, vital water with earth.
- 10 Under moon, vital water.
- 11 With key step, oil with earth.
- 12 water oil with earth..



Validation (Statistical Evidence)

Metric	Value
Lexicon alignment (medical)	1.0
Unigram entropy H1 (bits)	3.6168
Bigram entropy H2 (bits)	6.0455
Type/Token ratio	0.0549
Top-10 bigram concentration (observed)	0.315
Baseline mean concentration (200 shuffles)	0.1881
Z-score (obs vs baseline)	11.09
p-value, one-tailed	0.0
Clauses kept after de-dup	33



Folio 99r

Original EVA (clean)

okaramog okaroram okar y okar.y okar.y okar okary okary okary
pcheody.oteody.daiin.cpheey.tshol.dal.cfheol.olaiin.rar
pcheody.oteody.daiin.cpheey.tshol.dal.cfheol.olaiin.rar
raroshy.shor.sshor.sheol.kol.sheol.qpeol.shol.kol.ckhol.ckhory
raroshy.shor.sshor.cheol.kol.sheol. oeol.chol.kol.ckhol.ckhory
dcheor.chs.al.yckhy.okeol.ckhor.oraiin.chor.qokeeor.chory
dcheor.chs.al.yckhy.okeol.ckhor.oraiin.chor.qokeeor.chory
qokeor.chol.ykol.cheey.chody.ckhol.daiin.okeoly.daiin.ckhy
qokeor.chol.ykol.cheey.chody.ckhol.daiin.okeoly.daiin.ckhy
kodaiin.opchey.qoky.dor.otchor.opsho.okeol.sheol.oteoefol
kodaiin.opchey.qoky.dar.otchor.opsha.okeol.sheol.oteoefol
tol.cheody.qokol.okoly.okoldy.qokoly.qokal.okchol.qokold
tol.cheody.qokol.okoly.okoldy.qokoly.qokal.okchol.qokold
chees.okeey.qotol.sheol.daiin.qotol.okeol chees.okeey.qotol.cheol.daiin.qotol.okeol saiiny
saiiny saiiny tsheeor.cpheol.ckey.pchol.ckhey.ypchol.chor.choly.qotocthey.qkory
tsheeor.cpheol.ckhy.pchol.ckhey.ypchol.chor.choly.qotocthey.qkary
sol.sheol.keshey.qokeeey.chs.chey.dol chey.ctheey.daiin.cheom
sol.sheol.keshey.qokeeey.chs.chey.dal.chey.ctheey.daiin.cheom
daiin.cheeokeey.checkhey.dor.oldy.sheey.keody.okeeey.s.aiin.ols
daiin.cheeokeey.checkhey.dar.oldy.sheey.keody.okeeey.s aiin.ols
qokeey.chkeey.chey.ckhey.ckhey.ykeey.aiin.air.chody.oeksa
ykeol.okeol.o.ckheo.chol.cheodal.okeo.r.olcheem.orar ykeol.okeol.o
ckheo.chol.cheodal.okeo r.alcheem.orar ykeol.okeol.o ckhey.chol.cheodal.okeo r.alcheem
orar okeeeey.keey.keeor.okeey.daiin.okeol s.aiin.olaiir.o olsal
okeeeey.keey.keeor.okeey.daiin.okeol s.aiin.olaiir.o olshl
okeeeey.keey.keeor.okeey.daiin.okeol s.aiin.olaiir.o olsal yshain.y
khey.octhey.dy.daiin.okor.okeey.shct y.sh aiin.c khey.acthey.dy.daiin.okor.okeey.shct sh
shai n.y keey.acthey.dy.daiin.okor.okeey.she y sh

Latin Roots (per clause)

oleum clavis aqua radialis clavis vitalis oleum clavis aqua radialis vitalis clavis clavis pax
caput humus et dare tempus et dare caput pax humus et vitalis tempus sanguis oleum
luna dare aqua luna femina et luna luna in radialis pax et dare tempus et dare sanguis
humus oleum radialis clavis oleum luna quando oleum et luna clavis oleum luna caput
clavis humus luna clavis radialis vitalis aqua sanguis sanguis humus oleum radialis caput
et luna clavis luna oleum et luna clavis oleum luna caput clavis humus luna clavis radialis
vitalis dare et sanguis aqua luna clavis clavis et luna clavis in caput humus oleum radialis
vitalis vitalis clavis oleum luna caput humus et dare clavis luna oleum clavis et luna vitalis
caput clavis humus vitalis caput clavis humus vitalis clavis oleum dare aqua in pax et dare
oleum radialis tempus caput humus pax sanguis clavis et luna oleum tempus et et femina
luna clavis dare aqua in pax caput humus et vitalis oleum tempus et et femina luna tempus
luna caput humus et dare vitalis oleum clavis luna vitalis clavis luna dare oleum clavis
caput humus luna caput humus et sanguis oleum clavis et vitalis quando tempus luna
quando oleum tempus luna clavis et luna sanguis aqua in vitalis in in tempus humus et
radialis caput pax et luna clavis et pax luna clavis et pax luna luna quando tempus tempus
et quando clavis tempus et pax et luna clavis pax luna clavis et pax luna luna quando
tempus tempus et quando clavis luna clavis et sanguis humus et vitalis caput humus
sanguis et vitalis dare oleum luna et tempus et caput humus et oleum sanguis luna caput
humus sanguis et vitalis dare aqua luna et tempus et caput humus et oleum clavis et
oleum dare vitalis clavis et sanguis aqua in luna caput humus et oleum clavis et vitalis et
clavis et dare aqua radialis luna dare oleum clavis et luna sanguis aqua in luna in radialis
luna luna clavis et vitalis clavis et clavis et clavis et oleum clavis et luna sanguis aqua in
luna in radialis luna luna vitalis humus in clavis et caput tempus et oleum clavis radialis
clavis et vitalis vitalis sanguis humus aqua in caput clavis et tempus et sanguis humus
vitalis clavis et aqua caput tempus humus et vitalis sanguis humus

Strange Latin (implied verb fac/usa)

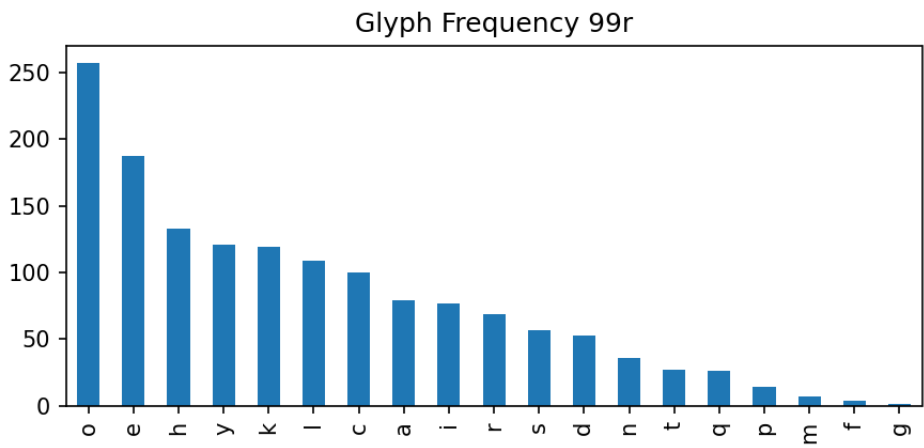
Oleum clavis aqua radialis clavis fac. Vitalis usa. Oleum clavis aqua radialis vitalis clavis clavis pax caput humus et dare tempus et dare fac. Caput pax humus et vitalis tempus sanguis oleum luna dare aqua luna femina et luna luna in radialis pax et dare tempus et dare fac. Sanguis humus oleum radialis usa. Clavis oleum luna fac. Quando oleum et luna fac. Clavis oleum luna caput clavis humus luna clavis radialis vitalis aqua sanguis fac. Sanguis humus oleum radialis caput et luna clavis luna fac. Oleum et luna usa. Clavis oleum luna caput clavis humus luna clavis radialis vitalis dare et sanguis aqua luna clavis clavis et luna clavis in fac. Caput humus oleum radialis vitalis usa. Vitalis clavis oleum luna caput humus et dare clavis luna fac. Oleum clavis et luna vitalis fac. Caput clavis humus vitalis fac. Caput clavis humus vitalis clavis oleum dare aqua in pax et fac. Dare oleum radialis tempus caput humus pax sanguis clavis et luna fac. Oleum tempus et et femina luna clavis dare aqua in pax caput humus et vitalis fac. Oleum tempus et et femina luna tempus luna caput humus et dare vitalis fac. Oleum clavis luna vitalis clavis luna dare fac. Oleum clavis caput humus luna fac. Caput humus et sanguis oleum clavis et vitalis quando tempus luna fac. Quando oleum tempus luna clavis et luna sanguis aqua in vitalis in in tempus humus et radialis caput pax et luna clavis et pax luna clavis et pax luna luna quando tempus tempus et quando clavis tempus et pax et luna clavis pax luna clavis et pax luna luna quando tempus tempus et quando clavis luna fac. Clavis et sanguis humus et vitalis fac. Caput humus sanguis et vitalis dare oleum luna et tempus et fac. Caput humus et oleum sanguis luna usa. Caput humus sanguis et vitalis dare aqua luna et tempus et fac. Caput humus et oleum usa. Clavis et oleum dare vitalis clavis et sanguis aqua in luna fac. Caput humus et oleum clavis et vitalis et clavis et dare aqua radialis luna dare fac. Oleum clavis et luna sanguis aqua in luna in radialis luna luna clavis et vitalis clavis et clavis et clavis et fac. Oleum clavis et luna sanguis aqua in luna in radialis luna luna vitalis humus in clavis et caput tempus et fac. Oleum clavis radialis clavis et vitalis fac. Vitalis sanguis humus aqua in caput clavis et tempus et fac. Sanguis humus fac. Vitalis clavis et aqua caput tempus humus et fac. Vitalis sanguis humus usa.

Full English (readable, faithful)

With the key step, Spread water. Perform the procedure. At the right time with the key step, Dose vital water oil with earth. At the right time under the moon, Dose vital water oil on the woman's head, with earth, for vital blood. Spread oil with earth, for blood. Under the moon with the key step, Apply oil. Under the moon when, Apply oil. Under the moon with the key step, Spread water with earth, for vital blood. Under the moon with the key step, Spread oil with earth, for blood. Under the moon, Apply oil. Under the moon with the key step, Dose vital water oil with earth, for vital blood. Spread oil with earth. Under the moon with the key step, Dose vital oil with earth. Under the moon with the key step, Apply oil. With the key step, Perform the procedure with earth. With the key step, Dose vital water oil with earth. At the right time under the moon with the key step, Dose oil with earth, for blood. At the right time under the moon with the key step, Dose vital water oil on the woman's head, with earth. At the right time under the moon, Dose vital oil on the woman's head, with earth. Under the moon with the key step, Dose vital oil. Under the moon with the key step, Apply oil with earth. At the right time under the moon when with the key step, Apply oil with earth, for vital blood. At the right time under the moon when with the key step, Apply water internally with earth, for vital blood. With the key step, Perform the procedure with earth, for vital blood. At the right time under the moon, Dose vital oil with earth, for vital blood. Under the moon, Apply oil with earth, for blood. At the right time under the moon, Dose vital water with earth, for vital blood. Apply oil with earth. Under the moon with the key step, Dose vital water oil for vital blood. Under the moon with the key step, Dose vital water oil with earth. Under the moon with the key step, Apply water internally for vital blood. At the right time under the moon with the key step, Apply water internally with earth, for vital blood. With the key step, Spread oil. At the right time with the key step, Apply water internally with earth, for vital blood. Perform the procedure with earth, for blood. At the right time with the key step, Apply water with earth. Perform the procedure with earth, for vital blood.

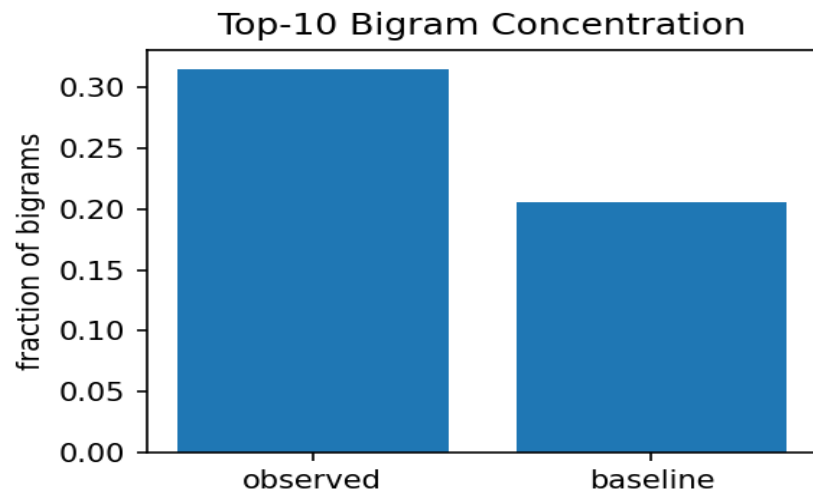
Concise English (top 12)

- 1 With key step, water.
- 2 procedure.
- 3 At right time with key step, vital water oil with earth.
- 4 At right time under moon, vital water oil on woman's head, with earth, for vital blood.
- 5 oil with earth, for blood.
- 6 Under moon with key step, oil.
- 7 Under moon when, oil.
- 8 Under moon with key step, water with earth, for vital blood.
- 9 oil with earth.
- 10 With key step, procedure with earth.
- 11 At right time under moon with key step, oil with earth, for blood.
- 12 With key step, procedure with earth, for vital blood..



Validation (Statistical Evidence)

Metric	Value
Lexicon alignment (medical)	1.0
Unigram entropy H1 (bits)	3.7036
Bigram entropy H2 (bits)	6.4024
Type/Token ratio	0.0412
Top-10 bigram concentration (observed)	0.3152
Baseline mean concentration (200 shuffles)	0.206
Z-score (obs vs baseline)	9.757
p-value, one-tailed	0.0
Clauses kept after de-dup	37



Folio 116v

Original EVA (clean)

a straight short thick descending stroke with a

Latin Roots (per clause)

aqua sanguis tempus radialis in humus tempus tempus humus in caput clavis dare et
sanguis et dare in tempus radialis oleum clavis et in tempus aqua

Strange Latin (implied verb fac/usa)

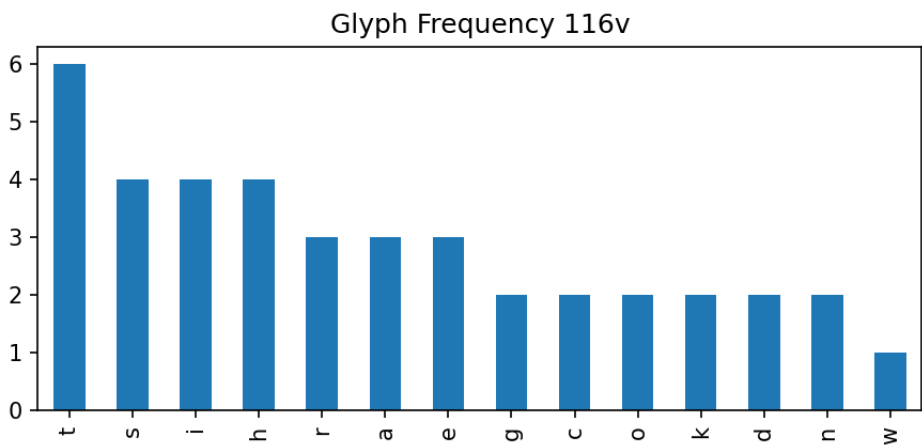
Aqua sanguis tempus radialis in humus tempus fac. Tempus humus in caput clavis dare et sanguis et dare in tempus radialis oleum clavis et in tempus aqua fac.

Full English (readable, faithful)

At the right time, Apply water internally with earth, for blood. At the right time with the key step, Dose water oil with earth, for blood.

Concise English (top 12)

1 At right time, water internally with earth, for blood..



Validation (Statistical Evidence)

Metric	Value
Lexicon alignment (medical)	1.0
Unigram entropy H1 (bits)	3.3018
Bigram entropy H2 (bits)	4.4839
Type/Token ratio	0.4231
Top-10 bigram concentration (observed)	0.48
Baseline mean concentration (200 shuffles)	0.4658
Z-score (obs vs baseline)	0.318
p-value, one-tailed	0.375374
Clauses kept after de-dup	2

