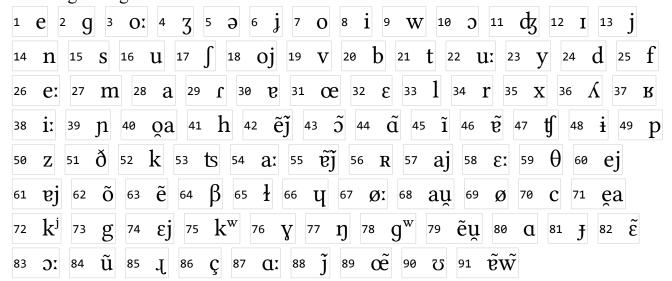
Understanding Language Evolution Using an Event-Based Model

Appendices

- 1. Character Assignments
- 2. Partition Assignments
- 3. Concepts Used
- 4. Results

Appendix 1 - Character Assignments

Each segment gets a different number



Appendix 2 - Partition Assignments

Model: "Linguistically Informed"

1 Nasal Vowel

ẽj õ ũ ĩ ẽ ẽj õ ẽ ẽu ẽ ũ cẽ ẽw

2 Vowel

e o: ə o i ɔ ɪ u oj u: y e: a ɐ œ ε i: o̯a ɨ a: aj ε: ej ɐj ø: au̯ ø e̯a εj α ɔ: α: ʊ

3 Nasal Consonant

nmŋŋĵ

4 Non Sylabic Sonorant

wjlr

5 Consonant

g ʒ j ʤ s ʃ v b t d f r x λ κ h ʧ p z ð k ts π θ β ł ų c k^j g k^w γ g^w ϶ ϟ ç

	I	We	YouPlural	YouSingular
Latin	- e g o:	n or - s -	wo: - s	t u:
French	3 9	n u	$ \mathbf{v} \mathbf{u} - \mathbf{v} $	t y
Spanish	j o	n o - s -	b o - s	t u
Italian	i 0	n o: i	v o: i -	t u
PortugueseBrazi		n o j - s	$\begin{bmatrix} v & j & j \\ v & j & s \end{bmatrix}$	t u
i ortagaccobrazi			• • J •	1014
Portuguese	- e - w	n o - f -	$ \mathbf{v} \mathbf{o} $ - $ \int$	t u
Catalan	3 3	- -	b u - s	t u
Walloon	dg 1	n o	$\begin{bmatrix} \mathbf{v} & \mathbf{o} \\ \mathbf{v} & \mathbf{o} \end{bmatrix} - \begin{bmatrix} \mathbf{s} \\ \mathbf{s} \end{bmatrix}$	t y
Friulian	j - o	n o:	v o:	t u
Romanian	j e - w	n oj	v oj	t u
	YouSingular-VostramMer		Woman-Mulier	Woman-Domina
Latin	Todomigaiai Vooliai iiivoi	f e: - m i - n - a	m u l i e r e m	d o m i n a
French		f a - m		d a m
Spanish	- u s t e d	- e - m - b r - a	m u x - e r	d o p a
Italian	G C C G	f e m m i - n - a	m o Λ Λ e	d o n - n a
PortugueseBrazi	v o s - e -	f e - m e v	ти и к - е в	d o n e
. Situguosobiazi	, , , , , , , , , , , , , , , , , , , ,	- 10 m 0 0		
Portuguese	v o s - e -	f e - m j - - e	$m u \Lambda - e \Gamma - -$	d o - - n e
Catalan	v o s t e -	f e - m - b r - a	m u Λ - e	d o n o
Walloon	1,0,0,0,0	f œ - m	m u m c	d œ m
Friulian		$f \in m \mid i \mid n \mid \epsilon$	m u - - i: r - -	d o - n e
Romanian		f e - m e j e	m u - j e r e -	d m - n ə
rtorriaman	ManHumanBeing	ManHumanBeing-Homo	Child	Child-Ninnus
Latin	h o m i - n e m	h - o m o:	i n f a n t e m	Offind-Millings
French	- 3 m	5	$\tilde{\alpha} - f \tilde{\alpha}$	
Snanish				n i n o
Spanish Italian	o m - b r e		i n f a n t e -	n i n o
Italian	o m - b r e	$- \mathbf{w} \mathbf{o} \mathbf{m} \mathbf{o}$	i n f a n t e - - f a n t e -	n i n o
Italian			i n f a n t e -	
Italian PortugueseBrazi	o m - b r e - - - o m ej - - - - - - - - -		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	n i n o n e n ej
ltalian PortugueseBrazi Portuguese	o m - b r e - - - o m e j - - - - - - - - -		i n f a n t e - - f a n t e -	n i n o n e n ẽj n e n ẽj
Italian PortugueseBrazi Portuguese Catalan	o m - b r e - -		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	n i n o n e n ej
Italian PortugueseBrazi Portuguese Catalan Walloon	o m b r e - - o m ej - - - - o m ej - - - - o m o o o o o o o o o o o o o o o o o		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	n i n o n e n ẽj n e n ẽj
Italian PortugueseBrazi Portuguese Catalan Walloon Friulian	o m b r e - - o m ej - - - - o m ej - - - - o m ej - - - o m o m o o o o m o m o o o m o o		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	n i n o n e n ẽj n e n ẽj
Italian PortugueseBrazi Portuguese Catalan Walloon	$ \begin{vmatrix} o & m & - & b & r & e & - & - \\ o & m & \tilde{e}\tilde{j} & - & - & - & - & - \\ o & m & \tilde{e}\tilde{j} & - & - & - & - & - \\ o & m & \tilde{e}\tilde{j} & - & - & - & - & - \\ o & m & \tilde{e}\tilde{j} & - & - & - & - & - \\ o & m & - & - & - & - & - \\ - & o & m & - & - & - & - & - \\ - & o & m & - & - & - & - & - \\ - & o & m & - & - & - & - & - \\ - & - & - & - & -$	$ - \mathbf{w} \mathbf{c} \mathbf{w} $	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	n i n o n e n ēj n e n ēj n e n -
Italian PortugueseBrazi Portuguese Catalan Walloon Friulian Romanian	o m - b r e o m ej o m ej o m o o o o o o o o o o o o o o o o o	- w 3 m 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	n i n o n e n e n e n e n e n e Husband-Sponsus
Italian PortugueseBrazi Portuguese Catalan Walloon Friulian Romanian Latin	o m - b r e o m ej o m ej o m e o m o m o m o m o m - s p o n s a	$ - \mathbf{w} \mathbf{c} \mathbf{w} $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	n i n o n e n e n e n e n e n e Husband-Sponsus s p o n s u s
Italian PortugueseBrazi Portuguese Catalan Walloon Friulian Romanian Latin French	o m - b r e o m ej		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	n i n o n e n ēj n e n ēj n e n s j husband-Sponsus s p o n s u s e - p u
Italian PortugueseBrazi Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	o m - b r e o m ej o m ej o m ej o m o o m o o m o m o m - z o m - z o m - z - z - o m - z - z - s p o n s a e - p u - z - e s p o - s a	- w	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	n i n o n e n ēj n e n ēj n e n ēj n e n -
Italian PortugueseBrazi Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian	o m - b r e o m ej o m ej o m ej o m o o m o m o m o m o m - z o m - z o m - z - z - e s p o n s a e - p u - z - e s p o - s a - s p o - z a	Wife-Mulier m u 1 i e r - m o f f e r - m o f f f e r - e f f f f f f f f f	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	n i n o n e n ēj n e n ēj n e n ēj n e n s j o n s u s e - p u
Italian PortugueseBrazi Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	o m - b r e o m ej o m ej o m ej o m o o m o m o m o m o m - z o m - z o m - z - z - e s p o n s a e - p u - z - e s p o - s a - s p o - z a	- w	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	n i n o n e n ēj n e n ēj n e n ēj n e n -
Italian PortugueseBrazi Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazi	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Wife-Mulier m u 1 i e r - m o \lambda \lambda e r - m o \lambda \lambda \lambda e r - m u \lambda - e r - m u \lambda - e r -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Italian PortugueseBrazi Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazi	o m - b r e o m e j o m e j o m o o m o o m o m o m o m o m - z o m - z - o m - z - o m - z - o m - z - o m - z - o m - z - o m - z - o m - z - o m - z - o m - z - o m - z - o m - z - o m z - z - e s p o - s a s p o - z a i s p o - z a	Wife-Mulier m u 1 i e r - m o \lambda \lambda e r - m o \lambda \lambda e \lambda - m u \lambda - e \lambda - m u \lambda - e \lambda -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Italian PortugueseBrazi Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazi Portuguese Catalan	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Wife-Mulier m u 1 i e r - m o \lambda \lambda e r - m o \lambda \lambda \lambda e r - m u \lambda - e r - m u \lambda - e r -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Italian PortugueseBrazi Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazi Portuguese Catalan Walloon	o m - b r e o m e j o m e j o m o o m o o m o m o m o m o m - z o m - z - o m - z - o m - z - o m - z - o m - z - o m - z - o m - z - o m - z - o m - z - o m - z - o m - z - o m - z - o m z - z - e s p o - s a s p o - z a i s p o - z a		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Italian PortugueseBrazi Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazi Portuguese Catalan	o m - b r e o m e j o m e j o m o o m o o m o m o m o m o m - z o m - z - o m - z - o m - z - o m - z - o m - z - o m - z - o m - z - o m - z - o m - z - o m - z - o m - z - o m - z - o m z - z - e s p o - s a s p o - z a i s p o - z a	Wife-Mulier m u 1 i e r - m o \lambda \lambda e r - m o \lambda \lambda e \lambda - m u \lambda - e \lambda - m u \lambda - e \lambda -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

	Husband-Socius	Mother	Father	Father-Tata
Latin	s o k i u s	m a: t r e m	p a t r e	t a t a
French		m e - r	b e - в -	
Spanish		m a ð r e -	p a ð r e	t a t a
Italian	s o tf - o -	m a: d r e -	p a: d r e	t a t a
PortugueseBrazi		$ \mathbf{m} \mathbf{\widetilde{e}\widetilde{j}} $ - $ - - - $	p aj - - -	t a t a
D .				1.1 1.1
Portuguese		m v j	p aj - -	t a t a
Catalan		ma-rə-	pa-rə	
Walloon		m e - R	p e: - r -	
Friulian		m a - r i -	p a - r i	14 0 4 0
Romanian	s o ts Animal	Animal Pastia	Fish-Piskem	t a t ə Fish-Pescion
Latin	a n i m a l i a	Animal-Bestia b e: s t i a	p i s k e m	FISH-Pescion
French	0 m a - j -	0 0 0 1 1 4	p i s k c m	p w a s õ
Spanish	a l i m a n - a		p e θ	
Italian	a 1 1 111 a J1 a	b i ∫ - a	p e f f e -	
PortugueseBrazi		bi-J-e	p ej f i -	
. Sitagassobiazi		T → T = T J ♥	F +J J +	
Portuguese		b i - f - e	p ej - i -	
Catalan		~ - J -	$\begin{vmatrix} \mathbf{p} & \mathbf{e} & \mathbf{j} \\ \mathbf{p} & \mathbf{e} & \mathbf{j} \end{vmatrix} = \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix}$	
Walloon			F - 3	$ \mathbf{p} - \mathbf{\epsilon} \mathbf{h} \tilde{\mathbf{o}} $
Friulian	n e m a: 1	b i s - - -	p ε s - - -	
Romanian	- n ə m a - j e		p e f t e -	
	Bird-Avem	Bird-Avicellum	Bird-Passerem	Louse
Latin	a w e m	- a w i - k - e l l u m	passereem	p - e d u - k l u s
French		$ \mathbf{w} \mathbf{a} - - - \mathbf{z} - \mathbf{o} - - - - $		p - u - - - - - -
Spanish	a b e -		$p \mid a \mid - \mid x \mid a \mid r \mid o \mid -$	p j o x - o
Italian	1 1 1 1 1	$ - - u - t f - \epsilon 1 1 o -$	p a s s e r o -	p - i d o k k j o -
PortugueseBrazi	a v i -		pa-seru-	$ p - i - o - \Lambda u - -$
Portuguese	a v i -		p a - s e r u -	p - i - o - K u - -
Catalan	a w			p - i - o - \lambda u -
Walloon	a w - -	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		p j u
Friulian		$\begin{vmatrix} - & u & - & t \\ - & u & - & t \end{vmatrix}$ $j \in -1$		p - e d o - l i
Romanian			p a - s ə r e -	p - ə d u - k j e -
	Snake	Snake-Serpens	Worm	Tree
Latin	s - e r p - e n t e m	s - e r p e n s	w e r m e m	a r b o r e m
French	s - е в р - а		v e в	a r p - r
Spanish	s - e r p j e n t e -	s j e r p e - -	berme-	a r β o 1
Italian	s - e r p - e n t e -	$ s - \epsilon r p e - -$	v e r m e -	a 1 b e r o -
PortugueseBrazi	$ \mathbf{s} - \mathbf{e} \mathbf{R} \mathbf{p} - \mathbf{e} - \mathbf{f} \mathbf{i} - \mathbf{g} $		v e в m i -	a r v o t i -
Portuguese	s - i r p - ẽ - t i -		v e r m i -	$ \mathbf{a} \mathbf{f} \mathbf{v} \mathbf{u} \mathbf{f} \mathbf{i} $
Catalan	s - ə r p - e n	s - e r p - - -	v E f m	a - b - r ə -
	- 0 - P C 11	- - - - - - - - - -		
Walloon			V i ε R - -	o: - b - - -
Walloon Friulian	s j ε κ p - ẽ		V j ε R - - -	o: - b
Walloon Friulian Romanian			V j ε R V j ε r V j e r m e	o: - b a r b u l a r b o r e -

	Forest	Stick	Fruit	Flower
Latin	s i l w a	p a: 1 u s	f r u: - k t u s	f l o: r e m
French		p a 1	f	f 1 œ в
Spanish	s e l b a	p a 1 o -	f r u t o -	f 1 o r
Italian	s e l v a	p a 1 o -	f r u - t t o -	f j o: r e -
PortugueseBrazi	s ε w v a	p a w	f r u t e -	f 1 o r
Portuguese	s e l v e	p a w	f r u - - t e -	f 1 o r
Catalan	s e l b a	p a 1 - -	f r u j - t	f 1 o
Walloon			f R y - - - -	f 1 ø: r - -
Friulian	$ s \epsilon 1 v e$	p a: 1	f r u t	f 1 o: r
Romanian		p a r	f r u - k t - -	f 1 r e -
1 1	Tail	Feather	Feather-Penna	Hair
Latin	k a d a -	p 1 u: m a	p e n n a	p - i l u s
French	k ø	p 1 y m -	p ε - n -	p w a 1 - -
	k o l a -	p l u m a	p e - n a	p - e l o -
	k o d a	p j u m a	p e n n a	p - e l o -
PortugueseBrazi		I J " "	p e - n e	p - e l u -
3				
Portuguese	k a w d e		p e - n e	p - i 1 u -
Catalan	k u - a -	p 1 o m ə	p ε - n ə	p - ε 1 - -
Walloon	k 3 w	p 1 3 m -	p e - n -	
Friulian	$ \mathbf{k} \mathfrak{d} \epsilon $	p 1 u m ε	$p \mid \epsilon \mid - \mid n \mid e$	p - e: 1
Romanian	c d ə -		pa-nə	p - a r
	Hair-Capillus	Head	Head-Testa	Ear
Latin	k a p i l l u s	k a p i - t i a	t e s t a	o: r i k l a -
French		$\int_{\Gamma} \partial v \varepsilon - - - -$	t ε - t -	о в еј
	k a b e - j o -	k a β e - θ - a		o r e - x - a
	k a p e l l o -	k a v e t t s a	t ε s t a	o r e k k j a
PortugueseBrazi	k a b e - 1 u -	k a b e - s - e	$ t \epsilon s t e$	o r e - A v
Portuguese	k ε β e - 1 u -	k ε β e - s - ε	$ \mathbf{t} \mathbf{\epsilon} \int \mathbf{t} \mathbf{e}$	o r ej - A e
Catalan	k θ b ε - λ	k a p	t e s t ə	u r e h ə
Walloon	tf i v j a -	K u p	t = s = s	3 R aj
Friulian	c a v ej	c a: f	t ε s t e	o r e 1 e
Romanian	· -J	c a: f - - - - - - -	ts s t ə	u r e - k - e
	Eye	Nose	Nose-Nares	Mouth
Latin	- o - k u l u s	n a: s u s		b u k k a
French	- œ - j	n e		
Spanish	- o - x - o	n a s o -	$ \mathbf{n} \mathbf{a} \mathbf{r} \mathbf{i} \mathbf{\theta} $	b o - k a
Italian	- o k k - j o -	n a: s o -	n a r i tf e	b o k k a
PortugueseBrazi	$ - o - - \kappa u -$		n a f i s	b o - k e
Portuguese	- o - - K u -		$ \mathbf{n} \mathbf{g} \mathbf{f} \mathbf{i} \mathbf{j} $ -	b o - k e
Catalan	- 0 - - A u -	n a s	n a: r I s -	b o - k e b o - k ə
Walloon	- u: - j - - -	n e	11 a. 1 1 8 -	b o - k o b o k
Friulian	- u: - j - v o 1 i	n a: s		b σ - c ε
Romanian	$\begin{vmatrix} v & 0 & - & - & 1 & 1 & - & - \\ - & 0 & - & k^j & - & - & - & - \end{vmatrix}$	n a: s		b σ - c ε b u - k ə
II VULLICITICILI	UN	11 α δ		vu K d

	Mouth-Gula	Wing	Sun	Sun-Soliculus
Latin	g u l a	a: 1 a	s o: 1 e m	s o l i k u l u s
French	g œ 1 -	e 1 -		s ο 1 εj
Spanish	g o l a	a l a	s o 1	
Italian	g o l a	a l a	s o 1 e -	
PortugueseBrazi		a	s o w - -	
Portuguese		a - -	s o 1 - -	
Catalan	g o l ə	a 1 ə	s o 1 - -	
Walloon	g ø: j -	e 1 -	$ \mathbf{s} \mathbf{o} 1 \mathbf{o} -$	
Friulian	g o l e	a l e		s o r e - 1 i -
Romanian	g u r ə		s re-	
1 4 5	Moon	Star	Water	Rain
Latin	1 u: n a	- s t - e: 1 1 a	a - k - a	p l u - w i a
French	1 y n -	e - t w a - 1 -	0	p 1 y - - i -
Spanish	l u n a	e s t r e - j a	a - y w a	j - u - b j a
Italian	l u n a	- s t - e l l a	a k k w a	p j o d dz - a
PortugueseBrazi	1 u - e	i s t r e - l e	a - g w e	
Portuguese	1 u - e	i f t r e - 1 e	a - g w e	$\left \int \left - \left u \right - \left v \right - \right e$
Catalan	Λ u n ə	$\begin{vmatrix} \mathbf{a} & \mathbf{s} & \mathbf{t} \end{vmatrix} - \begin{vmatrix} \mathbf{\epsilon} & - & 1 \end{vmatrix} - $	aj - γ w ə	p 1 u - 3 - ə
Walloon	1 ø n -	- s t - ø: - 1 -	ε: - w -	р 1 ш - в
Friulian	l u n e	- s t - ε - 1 e	a - g - e	p 1 o - j e
Romanian	l u n ə	- s t	a - p - ə	p 1 j e
	River	River-Rivus	River-Riparia	Lake
Latin	f l u: m e n	r i: w u s	r i: p - a: r i a	l a k u m
French		R A	$ \mathbf{r} \mathbf{i} \mathbf{c} \mathbf{j} \mathbf{e} \mathbf{r} - \mathbf{c} $	l a k
Spanish		r i - o -		l a g o -
	f j u m e -	r i - o -		l a g o -
PortugueseBrazi	f I u m 1 -	в i - w -		1 a g u -
Portuguese	f 1 u m i -			1 a y u -
Catalan		r i - w -		Λak
Walloon			r i v i: - в - -	lak
Friulian	f 1 u m - -		I I V I B - -	l a: t
Romanian		r i - w -		lak
	Sea	Salt	Earth	Fog
Latin	m a r e	s a: 1 e m	t - e r r a	k a: 1 i: g i n e m
French	mε r -	s ε 1	t - e - в -	
Spanish	mar -	s a 1	t j e - r a	
Italian	m a r e	s a 1 e -	t - ε r r a	kalidzine-
PortugueseBrazi	m a в -	s a w	$ \mathbf{t} - \mathbf{e} - \mathbf{r} \mathbf{g}$	k a l i ʒ ẽĵ - - -
Portuguese		s a 1	t - e - r e	k e l i 3 êj
J	m a r -	Sall		
Catalan	m a r -		$ t - \epsilon - r = 0$	
	m a r -	s a 1		1
Catalan			$ \mathbf{t} - \mathbf{\epsilon} - \mathbf{r} \mathbf{\vartheta}$	11-01-21-131-01

	Fog-Nebula	Fog-Tenebrae	Fog-Tenebras	Fog-Fumata
Latin	n - e - b u l a	t e n e: b r aj	t - e n - e: b r a: s	f u: m a: t a
	n j o 1 y		t - e n - ε b в - -	f y m e
	n j e - b - l a		t - i n j e b l a s	f u m a t a
	n - e b b - j a	t ε: n e b r e	$ t - \epsilon n - e b r e -$	f u m a: t a
PortugueseBrazi	$ n - \epsilon - v w - e $			f u m a s e
Portuguese	$ \mathbf{n} - \mathbf{\epsilon} - \mathbf{v} \mathbf{w} - \mathbf{e} $		t r - - ε v - ε ∫	f u m a s e
Catalan	n - e w l ə		t - ə n - e b r ə s	u m a s e
Walloon	III C WII G			
Friulian				f u m a t e
Romanian	$ \mathbf{n} \mathbf{e} \mathbf{g} \mathbf{u} \mathbf{r} \mathbf{a} \mathbf{r} $			
	Fog-Caecia	Sky	Wind	Ice
Latin	k aj k i a	k - aj l u m	w - e n t u m	g e l u:
French		s j ε 1 - -	v - a	3 ε 1 -
Spanish		θ j e l o -	b j e n t o -	j e l o
Italian		$ tf - \epsilon 1 o -$	$ \mathbf{v} - \mathbf{\varepsilon} \mathbf{n} \mathbf{t} \mathbf{o} \mathbf{c} $	dg ε l o
PortugueseBrazi		$ s - \epsilon w - -$	$ \mathbf{v} - \mathbf{\tilde{e}} - \mathbf{t} \mathbf{u} - \mathbf{v} $	
Portuguese		s - ε w - -	v - e - t u -	
Catalan		$\begin{vmatrix} s & - & \epsilon & 1 \\ s & - & \epsilon & 1 \end{vmatrix}$	b - e n	3 ε 1 -
Walloon		S - i: R	v - ē	13 0 1
Friulian		tf - i: 1 - -	v - i n t	
Romanian	tf	tf - e r - -	v - i n t	dz e r -
		Fire-Focus	Year	Name-Nomen
Latin	f u m u s	f - o k u m	a n n u m	n o: m e n
French		$\left \begin{array}{c c} f & - & \emptyset & - & - \end{array} \right $	$ \tilde{a} $ - $ - $ -	$ \mathbf{n} \tilde{\mathfrak{o}} - - - $
Spanish	- u m o -	f w e g o -	a - n o -	- -
Italian PortugueseBrazi	f u m o -	f w 2 k 0 - f - 0 g u -	a n n o - e - n u -	n o: m e - n o m i -
Fortuguesebrazi	1 u m u -		e - II u -	
Portuguese	f u m u -	f - o y u -	$ \mathbf{e} - \mathbf{n} \mathbf{u} -$	n o m i -
Catalan	f u m - -	f - o k - -	a - n	n o m
Walloon		f - ø:	$ \tilde{\mathbf{a}} $ - $ $ - $ $ -	n õ
Friulian	f u m	f - u: k	a - ŋ	n o n
Romanian	f u m	f - o k	a n	n u m e -
Latin	Name-Nominem n o: m i n - e m	Tongue 1 i n - a	ToDrink b i b - e r e	ToEat k o m e d e r e
French	11 0. 111 1 11 - e III	$\begin{vmatrix} 1 & 1 & n & -a \\ 1 & \tilde{\alpha} & -g & -a \end{vmatrix}$	p m a r - p 1 p - e L e	K O III e u e f e
	n o m - b r e -	l e ŋ g w a	b e b - e r -	k o m e - - r -
Italian	11 0 11 0 1 0	l i n g w a	b e r e	
PortugueseBrazi		l î - g w e	р е р – е к –	k o m e - - - -
Portuguese		$ 1 \tilde{\imath} - g w e$	$b \mid i \mid \beta \mid - \mid e \mid r \mid -$	$ \mathbf{k} \mathbf{u} \mathbf{m} - \mathbf{e} \mathbf{r} $
Catalan		 	$\begin{vmatrix} b & \epsilon & w \end{vmatrix} - \begin{vmatrix} - & r & \delta \end{vmatrix}$	
Walloon		$\left \begin{array}{c c c c c c c c c c c c c c c c c c c $	p - - @: R -	
Friulian		$\begin{vmatrix} 1 & \epsilon & n & g \end{vmatrix} - \begin{vmatrix} \epsilon & \epsilon \end{vmatrix}$	b e v i - - -	
Romanian		l i m b - ə	b	
Nomanian		1 1 111 0 8	0	

	ToEat-Manducare	ToBite	ToBite-Morsicare	ToSuck
Latin	m a n d u k a: r e	m - o r d e: r e	m o r s i k a: r e	s u: g e r e
French	$m \tilde{\alpha} - g - e - e $	m - о в q - в -		s y s e
Spanish	mandukar-	m - o r ð e r -	m o - s - k a r -	
Italian	m a n dg a r e	m - o r d e r e	m o r s i k a r e	
PortugueseBraz	i m e - z - - a r -	$ \mathbf{m} - \mathbf{o} \mathbf{R} \mathbf{q} \mathbf{e} \mathbf{R} -$	m u - s ə g a	s u g a r -
D	~			
Portuguese Catalan	m e - g - a r -	m - u r ð e r -	m u - s ə g a r -	s u g a r -
Walloon	m ə n ʒ a m a n i:		$m u - s \vartheta \gamma a - -$	s y s i: - -
Friulian	m a n f - a:	m w a r d i - -		c u c a:
Romanian	m i n k a	,	m u r s e k a	s u dz e
	ToSpit	ToSpit-Exconspuere	ToSpit-Sputare	ToKnow
Latin	k o n s p u e r e	·	- s p u t e r e	s k i: r e
French				
Spanish		e s k u - p i r	$e \mid s \mid p \mid u \mid t \mid a \mid r \mid$	
Italian			- s p u t a r e	
PortugueseBraz	i k u - s p i в			
Portuguese	k u - f p i r - -			
Catalan		ə s k u - p i -		
Walloon				
Friulian			s p u d a:	
Romanian		- s k u j p a -	1	
	ToKnow-Sapere	ToKnow-Cognoscere	ToThink	ToThink-Pensare
Latin	s a p - e r e	k o g n o: s k e r e	k - o: g i t a: r e	p e: n s a: r e
French	s a v w a r -	k σ - n ε - t в	k y - - i d e - -	p \tilde{a} - s e - -
Spanish	s a b - e r -	k o - n o θ e r	kwidar-	p e n s a r -
Italian PortugueseBraz				
	sap-ere	ko-noffere	k - odgitare	p e n s a r e
. ortuguesebraz				p e n s a r e
	i s a b - e r -	k o - n e s - e в -	k - u 3 i t a b -	р g - s a к -
Portuguese Catalan				
Portuguese Catalan Walloon		$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	k - u 3 i t a b -	p e - s a r -
Portuguese Catalan Walloon Friulian	$\begin{vmatrix} \mathbf{i} & \mathbf{s} & \mathbf{a} & \mathbf{b} \end{vmatrix} - \begin{vmatrix} \mathbf{e} & \mathbf{g} \end{vmatrix} - \begin{vmatrix} \mathbf{g} & \mathbf{g} & \mathbf{g} \end{vmatrix} - \begin{vmatrix} \mathbf{g} & \mathbf{g} & \mathbf{g} \end{vmatrix} - \mathbf{g} \end{vmatrix} - \mathbf{g} \end{vmatrix} - \mathbf{g} \begin{vmatrix} \mathbf{g} & \mathbf{g} \end{vmatrix} - \mathbf{g} \end{vmatrix} - \mathbf{g} \begin{vmatrix} \mathbf{g} & \mathbf{g} \end{vmatrix} - \mathbf{g} \end{vmatrix} - \mathbf{g} \begin{vmatrix} \mathbf{g} & \mathbf{g} \end{vmatrix} - \mathbf{g} \end{vmatrix} - \mathbf{g} \begin{vmatrix} \mathbf{g} & \mathbf{g} \end{vmatrix} - \mathbf{g} \end{vmatrix} $	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{vmatrix} \mathbf{k} & - & \mathbf{u} & \mathbf{z} & \mathbf{i} & \mathbf{t} & \mathbf{a} & \mathbf{s} \end{vmatrix} - $ $\begin{vmatrix} \mathbf{k} & - & \mathbf{u} & \mathbf{z} & \mathbf{i} & \mathbf{t} & \mathbf{a} & \mathbf{r} \\ \mathbf{k} & - & \mathbf{u} & - & \mathbf{j} & \mathbf{d} & \mathbf{a} \end{vmatrix} - $	p e - s a B -
Portuguese Catalan Walloon	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \mathbf{k} - \mathbf{u} \mathbf{z} \mathbf{i} \mathbf{t} \mathbf{a} \mathbf{s} - \mathbf{k} - \mathbf{u} \mathbf{z} \mathbf{i} \mathbf{t} \mathbf{a} \mathbf{r} - \mathbf{k} - \mathbf{u} \mathbf{d} \mathbf{e} \mathbf{t} \mathbf{a} - \mathbf{r} $	p e - s a B -
Portuguese Catalan Walloon Friulian Romanian	i s a b - e в - s e b - e r - s e β - ε s a v - e: s a v - e:	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	k - u 3 i t a в -	p ε - s a в -
Portuguese Catalan Walloon Friulian Romanian	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	k - u 3 i t a s - k - u 3 i t a r - k - u 3 i t a r - k - u 3 e t a ToSleep d - o r m i: r e	p ε - s a в -
Portuguese Catalan Walloon Friulian Romanian Latin French	i s a b - e в - s e b - e r - s a v - ø: R - s a v - e: - ToFear t i m e: r e	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		p ε - s a в -
Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	i s a b - e в - s e b - e г - s e β - ε s a v - e: ToFear t i m e: r e t e m e r -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		p ε - s a в -
Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian	i s a b - e в - s e b - e г - s a v - ø: R - s a v - e: - ToFear t i m e: r e t e m e r - t e m e r e	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		p e - s a B -
Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	i s a b - e в - s e b - e г - s a v - ø: R - s a v - e: - ToFear t i m e: r e t e m e r - t e m e r e	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		p ε - s a в -
Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian	i s a b - e в - s e b - e г - s a v - ø: R - s a v - e: - ToFear t i m e: r e t e m e r - t e m e r e	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		p e - s a B -
Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBraz Portuguese Catalan	s a b - e в - s a v - e s	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		p e - s a B -
Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBraz Portuguese Catalan Walloon	s a b - e в -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		p e - s a B -
Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBraz Portuguese Catalan	i s a b - e в - s e b - e г - s a v - ø: R - s a v - e: ToFear t i m e: r e t e m e r - t e m e r e i t e m e в - t i m e: r -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		p e - s a B -

	ToDie	ToKill	ToKill-Adnecare	ToKill-Tutari
Latin		n - e k a: r e		t u: - t a: r i
French	mu bi b-	n w aj e		t - q - e
	morir-		$ \mathbf{a} - \mathbf{n} \mathbf{e} \mathbf{g} \mathbf{a} \mathbf{r} -$	
	m o r i r e		a n n e q a r e	
PortugueseBrazi			1 1 1 1 3 1 1 1	
O O				
Portuguese	тивег-			
Catalan	muri-	n - ə g a - -		
Walloon	m o R i			t u w - e - -
Friulian	m u r i:			
Romanian	m u r i	n - e k a		
	ToKill-Mactare	ToKill-Occidere	ToFight	ToFight-Battuere
Latin	m a k t a: r e	o k k i: d e r e	p u g n a: r e	battuere
French	m a - t e	o k s i - - в -		b a t в
Spanish	m a - t a r -		p u - n a r -	b a - t - i r -
Italian		u t f i d e r e	p u n n a r e	batt-ere
PortugueseBrazi	m a - t a r -			b a - t - e в -
0	me-tar-			b e - t - e r -
	m ə - t a	u k s i - - - -	p u - n a - -	b a - t - r ə
Walloon				b a t - e - - -
	m a tf - a:			b a t - i - - -
Romanian		u - tf i d e		b a t - e
	ToHunt-Captiare	ToHit	ToCut	ToCut-Curtare
Latin	k a p t i a: r e	p u l s a: r e	s - e k a: r e	k u r t a: r e
French	$\int_{a} a - s - e$	p u - s e	s j e - - -	
Spanish	k a - 0 - a r -	pu-xar-	s - e g a r -	kortar-
Italian	k a t tf - a r e	pulsare	s - e g a r e	
PortugueseBrazi	k a - s - a s -	$ b n - \lambda a R $	s - e g a в -	
Dortuguese	k e - s - a r -		$ s - i \gamma a r -$	kurtar-
Portuguese Catalan		$ p u - \int a f $		$\mathbf{K} \mid \mathbf{u} \mid \mathbf{r} \mid \mathbf{t} \mid \mathbf{a} \mid \mathbf{r} \mid$
Walloon			$ s - a \gamma a - a $	
Friulian			s - e - a: - -	
Romanian	c a - tf - a: - -	p u l s a: p u l s a	S - E - a: - -	
romanian	ToCut-Excurtare	ToCut-Taliare	ToSplit	ToSplit-Scindere
Latin	e k s k u r t a: r e	t a: - l i a: r e	d i: w i d e r e	s k i n d e r e
French	e k u s t e	t a j e		$s - \tilde{\epsilon} - d = -$
Spanish	K u b t C	t a - x - a r -	d i b i d i r -	
Italian	- - s k o r t a r e	t a - K K a: r e	d i v i d e r e	$\int - i n d e r e$
PortugueseBrazi	0 0 0 0 0	t a - \(\lambda \) - a \(\mathbf{k} \) -	qi vi qi k	J ΙΙ ΙΙ α Ο Ι Ο
. ortagaooobiazi			~3 - 7 1 W3 - D	
Portuguese		t g - A - a r -	d i v i ð i r -	
Catalan		t ə - \(\hat{\lambda} \) - a	d i b i d i	
Walloon		t ε j i:		
Friulian	- - s k u r t a: - -	t a j a:	d i v i d i	
Romanian	s k u r t a	t ə j a	d i v i d e	
Cilianian	o K u i t a	t t j a	4 1 V 1 U C	

	ToSplit-Findere	ToSplit-Partire	ToSplit-Separare	ToStab
Latin	f i n d e r e	parti: re	s e: p a r a: r e -	p - u n g e r e
French	f а - d - в -	рактік-	s 9 - v - - R 6	$p \le \varepsilon - q - R -$
Spanish	- e n d e r -	partir-	s e p a r a r	
Italian	f ε n d e r e	partire	s e p a r a r e -	p - u n dz e r e
PortugueseBrazi	f e - d e r -	bartlir -	separar	p - ũ - 3 i в -
Portuguese	$ \mathbf{f} \mathbf{\tilde{e}} - \mathbf{d} \mathbf{e} \mathbf{r} -$	pertir	s i p e r a r	$ \mathbf{p} $ - $ \mathbf{\tilde{u}} $ - $ \mathbf{z} $ $ \mathbf{i} $ $ \mathbf{r} $ -
Catalan	$ \mathbf{f} \mathbf{\epsilon} \mathbf{n} \mathbf{d} - \mathbf{r} \mathbf{e}$	p ə r t i - -	s ə p ə r a - - -	p - u p - i - -
Walloon	$ f \tilde{\epsilon} - t - - -$	p p: R t i - -		
Friulian		p a r t i: - -	s e p a r a	
Romanian			s e p a r a	p u n d e
	ToStab-lugulare	ToScratch	ToScratch-Rasare	ToScratch-Rasicare
Latin	j u g u l a: r e	r a: d e r e		
French	3 y g y 1 e - -		в а z e	
Spanish	: 11 21 21 2	ra-er-	r a s a r	r a s k a r
Italian	j u g u l a: r e	r a d e r e	r a s a r e	
PortugueseBrazi		R a - 6 R -	R A Z A R -	R B V K B R
Portuguese		R S - 6 U -	k b z a t -	в в 1 k a г
Catalan		r a w - r ə	r ə z a	r ə s k a -
Walloon				1 0 3 K U
Friulian		r a d a:	r a s a:	
Romanian		r a d e	1 - 1 - 1 - 1 - 1	
	ToScratch-Coctiare	ToDig	ToDig-Cavare	ToDig-Excavare
Latin		f o d e r e	k a w a: r e	e k s k a w a: r e
French		$ \mathbf{f} \mathbf{w} \mathbf{i} \mathbf{\kappa} $ – $ $ –		
Spanish			k a b a r -	e s k a b a r
Italian			k a v a r e	- - s k a v a r e
PortugueseBrazi	$ \mathbf{k} \mathbf{o} \mathbf{s} \mathbf{a} \mathbf{I} $		k g v a r -	i - J k s v a r -
Dortuguese	k u s a r		k e v a r -	: f Iz m ez a a
Portuguese Catalan	K U S B I		k e v a r - k ə b a	i - f k e v a r -
Walloon			c a: v - 1 e	
Friulian			Java:	- - z J a v a: - -
Romanian			J a 1 a	
	ToSwim	ToSwim-Navigare	ToFly	ToFly-Exvolare
Latin	n - a t a: r e	n a v i g a: r e	w o l a: r e	
French		n a 3 e	v o l e	
Spanish	n - a d a r -	n a b e g a r -	b o 1 a r -	
Italian	n w o t a r e	n a v i g a r e	v o l a r e	z v o l a r e
PortugueseBrazi	n - a d a r -	$ n a v i \gamma a s$	v o - a B -	
Dortuguese		 m m m : : - a :		
Portuguese	n - e ð a r -	n e v i y a r -	v w - a f -	
Catalan Walloon	n - ə d a - -	n ə b ə g a n ɛ dz i:	b u l a v o l e	
Friulian	n - a d a: - -	n a v i g a:	V 3 1 E - -	z v o 1 a: - -
Romanian	11 - a u a - -	n a v i g a		z b u r a
Nomaman		11 a v 1 y a - -		L v u I a

	ToWalk	ToWalk-Marcher	ToWalk-Mergere	ToWalk-Ambitare
Latin			m e r g e r e	a m b i t a: r e
French	$\int \left \mathbf{a} \right \mathbf{m} \left \mathbf{i} \right \mathbf{n} \left \mathbf{e} \right - \left - \right - \right $	m a k f e		
Spanish	k a m i n a r			a n d - - a r -
Italian	kamminare		m ε r dg e r e	a n d a r e
PortugueseBrazi	k e m i n a в			
Portuguese	keminar			$ \widetilde{\boldsymbol{v}} - \mathbf{d} - - \mathbf{a} \mathbf{r} $
Catalan	kəmina			
Walloon	tf i m i n e	m a: R tf i:		
Friulian	c a m i n a:			
Romanian	T. 0		m e r dz e	- O'
	ToCome	ToLieAsInABed	ToLieAsInABed-lacere	ToSit
Latin	w e n i: r e	e k s t e n d e r e	j a - k e: r e	s - e d e: r e
French	v ə n i в -	e - t a - d - r	3 e - z i r -	s w a r - r -
Spanish	b e n i r -	e k s t e n d e r -	ja-0er-	s - e r -
Italian	v e n i r e	e - s t ε n d e r e	dg a - tf e: r e	s - e d e r e
PortugueseBrazi		i s t ẽ - d e ʁ - -	3 e - z e u -	s - e - - R -
Portuguese	v - - i r -	i f t e - d e r - -	3 e - z e r -	
Catalan	b ə n i	ə - s t e n d - r ə	3 a w r ə	S - E - - I -
Walloon	v i n i	9 - 5 t 6 11 u - 1 9	dz e r e -	
Friulian	v i n i:		j e - s i	
Romanian	v e n i	e k s t i n d e - -	z ə - tf	
TOTTATION	ToSit-Sedentare	ToStand	ToStand-Levare	ToStand-Altiare
Latin	s e d e n t a: r e	- s t a: r e	l e v a: r e	- a l t i a: r e
French		$\begin{bmatrix} \varepsilon & - & \mathbf{t} & - & \mathbf{R} & - \\ \mathbf{s} & \mathbf{t} & \mathbf{r} & \mathbf{s} \end{bmatrix}$	1 ə v e - -	- o - s - e
Spanish	s e n t a r -	e s t a r -	j e b a r -	- a 1 θ - a r -
Italian		- s t a r e	l e v a r e	- a l ts a r e -
	$\left s \right \tilde{e} \left - \right - \left - \right t \left a \right r \right -$	$\mathbf{i} \mid \int \mathbf{t} \mathbf{a} \mid \mathbf{r} \mid -$	1 e v a r -	$\begin{vmatrix} - a & 1 & 3 & 4 & 5 \\ 1 & s & - a & - \end{vmatrix}$
Portuguese	s e - - t a r -	$\mathbf{i} \int \mathbf{t} \mathbf{a} \mathbf{r} $	1 i v a r -	- a 1 s - a r -
Catalan	3 C t a I	ə s t a	й р b a	- a 1 s - a
Walloon		$\begin{bmatrix} \varepsilon & s & - & - & - & - \end{bmatrix}$	1 9 v e	h 5: - s - i:
Friulian	s e n t a:	- s t a:	l e v a:	- a l t f - a: -
Romanian		- s t a	1 - u a	
	ToTurnIntransitive			rToTurnIntransitive-Torquere
Latin	t o r n a: r e	g y r a: r e		t o r k e: r e
French	t u r n e	3 i R e - -	v i u e - -	t э к q - к -
Spanish	t o r n a r -	x i r a r -	b i r a r -	torer
Italian	t o r n a r e	dg i r a r e	v i r a r e	t o r tf e r e
PortugueseBrazi	t o r u a r -	3 i r a r -	$ \mathbf{v} \mathbf{i} \mathbf{r} \mathbf{a} \mathbf{r} $	t u r s e r -
Portuguese	t u r n a r -	3 i r a r -	3 i r a r -	t u r s e r -
		J - * ** *	J - 1 W 1	
Catalan		7 i c a	b i r a - -	t 2 r S 2 - -
Catalan Walloon	t u r n a - -	3 i r a - -	b i r a	t o r s o - -
Walloon	t u r n a t u: r n e		v i	t o r s o - -
	t u r n a - -	3 i r a - - dg i r a: - -		t ɔ r s ə - -

	ToFall	ToFall-Tumbare	ToHold	ToHold-Segurar
Latin	k - a d e r e		t e n - e r e	3
French		t õ - b e -	t ə n - i ʁ -	
Spanish	k - a - e r -	t u m b a r	t e n - e r -	s e g u r a r
Italian PortugueseBrazi	k	t õ - b a r	t e n - e r e	s i g u r a r
Fortuguesebrazi		t O = D a B	t C - - B -	$ \mathbf{s} + \mathbf{g} \mathbf{u} + \mathbf{a} \mathbf{B}$
Portuguese	k - e - i r -	t õ - b a r	t e - - r -	s i y u r a r
Catalan	k - a w - r ə	t u m b a -	t ə n - i - -	
Walloon	tf - ε: R -	t u m - e -	t i n - i - -	
Friulian	tf j a d e		t i n j i - -	
Romanian	k ə d ToSqueeze	ToSqueeze-Serrere	ts i n - e ToSqueeze-Serare	ToCaucozo Annostoraro
Latin	e k s p r i m - e r e	s e r r e r e	s e - r a r e	ToSqueeze-Appectorare
French	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 2 1 1 2 1 2	s e - r e	
Spanish	eksprem-ir-	s e - r a r -	$\theta \mid e \mid - \mid r \mid a \mid r \mid -$	a - p - - r e t a r -
Italian	s p r ε m - e r e		s e r r a r e	
PortugueseBrazi	a a - a a a a a - a a	s e - B a - -	$ \mathbf{s} \mathbf{i} - \mathbf{k} \mathbf{a} \mathbf{r} $	e - p i - r - t a r -
Portuguese	i - f p r ə m - e r -	s ə - R a r -	s i - u a r -	
Catalan	ə - s p r e m - ə	s ə - r a		1
Walloon			$ \mathbf{s} \mathbf{\epsilon} - \mathbf{r} \mathbf{e} - \mathbf{r} $	
Friulian	e - s p r i m - i			
Romanian	- s k - r e m e	T.D.I	T D F (:	T.D.I.E.: (
Latin	ToSqueeze-Stringere	ToRub f r i k a: r e	ToRub-Exfricare	ToRub-Frictare
French	$\mathbf{e} - \mathbf{f} \mathbf{R} \mathbf{\hat{\epsilon}} - \mathbf{q} - \mathbf{R} - \mathbf{g}$	f κ εj e		f k o t e
Spanish	estren-ir-	fregar-		frotar-
Italian	- s t r i n dz e r e	f r e g a r e		f r e t t a r e
PortugueseBrazi	$\begin{vmatrix} \mathbf{a} & \mathbf{f} & \mathbf{f} & \mathbf{f} \end{vmatrix} = \begin{vmatrix} \mathbf{f} & \mathbf{f} & \mathbf{f} \end{vmatrix} = \begin{vmatrix} \mathbf{f} & \mathbf{f} & \mathbf{f} \end{vmatrix}$		$ \mathbf{i} \int \mathbf{f} \mathbf{r} \mathbf{i} g \mathbf{a} \mathbf{r}$	
Portuguese	$\left \frac{\partial}{\partial t} \right \left \frac{\partial}{\partial t}$		$\mathbf{i} \int \mathbf{f} \mathbf{r} \mathbf{i} \mathbf{y} \mathbf{a} \mathbf{r}$	
Catalan	$ \mathfrak{d} $ $ \mathfrak{s} $ $ \mathfrak{t} $ $ \mathfrak{e} $ $ \mathfrak{g} $ $ \mathfrak{d} $ $ \mathfrak{d} $ $ \mathfrak{d} $	$ \mathbf{f} \mathbf{r} \mathbf{a} \mathbf{g} \mathbf{a} - \mathbf{r} $		
Walloon	s t r i n g e	f r oj		f r o t e - - -
Friulian	s t r ε n g i:	f r e - a		
Romanian	s t r i n d e ToRub-Frictiare	f r e k a ToWash	ToWipe	ToWipe-Extergere
Latin	TORUD-FIICUALE	l a w a: r e	t e r g e r e	e k s t e r g e r e
French		l a v e		
Spanish	f r i s a r	laβar-		e - s t a r s i r -
Italian		l a v a r e	t ε r dg e r e	
PortugueseBrazi		1 e v a r -		
Portuguese		1 v v a r -		
Catalan	f r ə s a -	λ a b a		ə - s t ə r 3 i
Walloon		1 a v e		
Friulian		1 a v a:		
Romanian				- - f t e r dg e - -

	ToWipe-Exsucare	ToWipe-Limpidare	ToPull	ToPull-Pulsare
Latin	e k s - u: k - a: r e	l i m p i d a: r e	t i r a: r e	p u l s a: r e
French	e - s ų i - j e		t i	p u - s e
Spanish	e n x - u g - a r -	l i m p j - a r -	t i r a r -	p u - x a r -
Italian	$a \int \int -u g - a r e$	- - F J W -	t i r a r e	p u l s a r e
PortugueseBrazi		1 î - p - - a r -	tf i r a	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
i ortagaooobrazi	$ \mathcal{L} \mathcal{J} \mathcal{A} \mathcal{G} \mathcal{A} \mathcal{I} $		9 1 1 14	
Portuguese	$ \tilde{e} - \int - u \gamma - a r -$		t i r a r -	$ \mathbf{p} \mathbf{u} - \int \mathbf{a} \mathbf{r} -$
Catalan	$\begin{vmatrix} \mathbf{a} \end{vmatrix} - \begin{vmatrix} \mathbf{J} \end{vmatrix} - \begin{vmatrix} \mathbf{u} \end{vmatrix} \begin{vmatrix} \mathbf{g} \end{vmatrix} \begin{vmatrix} \mathbf{a} \end{vmatrix} - \begin{vmatrix} -\mathbf{J} \end{vmatrix} - \begin{vmatrix}$		t i r a	11 13 1
Walloon	s - u - w e		t i r e	p u: s i: - - -
Friulian	s - u - j a:		t i r a:	p u 1 s a:
Romanian	u - s k - a			p u 1 s a
	ToPull-Trahere	ToPush	ToThrow	ToThrow-Lanceare
Latin	t r a h e r e	i m p i n g e r e	j a k t a: r e	l a n k e a: r e
French	t κ - - ε κ -		3 ə - t e	$1 \tilde{a} - s - e - -$
Spanish			- e - tf a r -	l a n θ - a r -
Italian	t r a r - r e	impindgere	dzettare	lantfare-
PortugueseBrazi		1 1 1 1 1 5 1 1 1 1	3 ej t a r	$1 \begin{vmatrix} \tilde{\varepsilon} \\ \tilde{\varepsilon} \end{vmatrix} - \begin{vmatrix} s \\ s \end{vmatrix} - \begin{vmatrix} a \\ a \end{vmatrix} - \begin{vmatrix} -s \\ c \end{vmatrix}$
J ====:				
Portuguese	t r e z e r -		3 ej t a r	l e - s - a r -
Catalan	t r e w - r ə	ə m p ε n - ə	x i t a	λ ə n s - a - -
Walloon		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	d3 ε t e	1 a n c - i:
Friulian	t r aj - - -		31 1 1 1 1	1 a n tf a:
Romanian	tradge	i m p i n d e		3 1 1 1
	ToThrow-Eruncare	ToTie	ToTie-Aptare	ToSew
Latin	e: - r u n k a: r e	l i g a: r e	a p t a: r e	k o: n - s u e r e
French		1 i - e - -		k u - d в -
Spanish	a - r a n k a r -	legar-	a - t a r -	k o s - e r -
Italian	arrontfare	l e g a r e		k u tf - i r e
PortugueseBrazi			e - t a r -	
Dortuguese				
Portuguese			e - t a r -	k u - - z - e r -
Catalan		$ \mathbf{A} \mathbf{i} \mathbf{y} \mathbf{a} $ - $ \mathbf{a} $	$ \mathbf{v} - \mathbf{t} \mathbf{a} \mathbf{r} $	
Catalan Walloon		l o j i: - -	e - t a r -	k u z - i k ø: z
Catalan Walloon Friulian		1 3 j i: - -	e - t a r -	k u z - i k ø: z k u z i
Catalan Walloon	$ \mathbf{a} - \mathbf{r} \mathbf{u} \mathbf{\eta} \mathbf{k} \mathbf{a} - \mathbf{r} $	l o j i:		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan Walloon Friulian Romanian	ToCount	1 3 j i:	ToSay	k u z - i k ø: z i k u z i c - s - e ToSay-Exponere
Catalan Walloon Friulian Romanian Latin	ToCount k o m p u t a: r e	1	ToSay	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan Walloon Friulian Romanian Latin French	ToCount k o m p u t a: r e	1 э ј і: 1 1 е а: 1 1 е д а: 1 ТоСоunt-Enumerare е: n u m е г а: г е е п и m е в е 1	ToSay d i: k e r e d i -	k u z - i k ø: z i k u z i c - s - e ToSay-Exponere
Catalan Walloon Friulian Romanian Latin French Spanish	ToCount k o m p u t a: r e k õ t e k o n t a r -	1	ToSay d i: k e r e d i κ - d e θ i r -	k u z - i
Catalan Walloon Friulian Romanian Latin French Spanish Italian	ToCount k o m p u t a: r e k o n - t e - t a r - t a r e k o n - t a r e	l o j i:	ToSay d i: k e r e d i κ - d e θ i r - d i r e	k u z - i k ø: z i k u z i c - s - e ToSay-Exponere
Catalan Walloon Friulian Romanian Latin French Spanish Italian	ToCount k o m p u t a: r e k õ t e k o n t a r -	1	ToSay d i: k e r e d i κ - d e θ i r -	k u z - i
Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazi	ToCount k o m p u t a: r e k o n t a r - k o n t a r e k o n t a r e k o n t a r -	l o j i:	ToSay d i: k e r e d i -	k u z - i
Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazi	ToCount k o m p u t a: r e k o n - t a r e k o n - t a r e k o n - t a r e k o n - t a r e k o n - t a r e k o n - t a r e k o n - t a r e k o n - t a r e k o n - t a r e k o n - t a r e k o n - t a r e k o n - t a r e k o n - t a r e k o n - t a r e k o n - t a r e k o n - t a r e t a r e	l	ToSay d i: k e r e d i -	k u z - i
Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazi Portuguese Catalan	ToCount k o m p u t a: r e k o n t e k o n t a r e k o n t a r e k o t a r - k o t a r - k o t a r - k o t a r - k o t a r - k o t a r - k o t a r - k o t a r - k o t a r - k o t a r - k o t a r - k o t a r - k o t a r - k o t a r -	l o j i:	ToSay d i: k e r e d i - β - d e θ i r - d i - r e d i z - e r d i r -	k u z - i
Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazi Portuguese Catalan Walloon	ToCount k o m p u t a: r e k õ t a r - k o n t a r e k õ t a r - k õ t a r - k ŭ m t a - k ŭ m t a - k õ t e	l	ToSay d i: k e r e d i κ - d e θ i r - d i z - e r d i r e d i z - e r	k u z - i
Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazi Portuguese Catalan	ToCount k o m p u t a: r e k o n t e k o n t a r e k o n t a r e k o t a r - k o t a r - k o t a r - k o t a r - k o t a r - k o t a r - k o t a r - k o t a r - k o t a r - k o t a r - k o t a r - k o t a r - k o t a r - k o t a r -	l	ToSay d i: k e r e d i - β - d e θ i r - d i - r e d i z - e r d i r -	k u z - i

	ToSing-AncestralClass	ToPlay-Ludere	ToPlay-Jiocare	ToFloat
Latin	k a n t a: r e	1 u: d e r e	j o - k a: r e	f l u k t u a r e
	$\int \tilde{\alpha} - t e - -$		3 - w - e - -	f 1 y k t q e - -
	k a n t a r -	1 u d i r -	$x \mid u \mid - \mid g \mid a \mid r \mid -$	$ \mathbf{f} \mathbf{l} \mathbf{u} \mathbf{g} \mathbf{t} \mathbf{w} \mathbf{a} \mathbf{r} $
	k a n t a r e		dz o - k a r e	f l u t t u a r e
PortugueseBrazi	k e - t a r -		3 o - 3 a R -	f l u - t u a в -
Dortugues	1			6 1 4 .
Portuguese Catalan	k e - t a r - k o n t a		3 u - y a r - - - - - - - - -	f 1 u - t u a r -
Walloon			3 u - g a dz u w - e	
Friulian	c a n t a:		dg u j - a:	
Romanian	k i n t a		3 u - k a	f 1 u c t u a - -
	ToFloat-Fluitare	ToFlow	ToFlow-Colare	ToFlow-Excurrere
Latin	f l u i t a: r e	f 1 u e r e	k o: 1 a: r e	e k s k u r r e r e
French		f 1 y e	k u l e	
Spanish		f l u i r -	kolar -	e - s k u r i r - -
	f 1 u i t a r e	f l u i r e	k o l a r e	- - s k o r r e r e
PortugueseBrazi		$ \mathbf{f} 1 \mathbf{w} \mathbf{i} \mathbf{s} $ -		i - \(\begin{array}{c c c c c c c c c c c c c c c c c c c
D (1.	. 6 1
Portuguese		$egin{array}{c c c c c c c c c c c c c c c c c c c $	k u - a r - k u ł a	i -
Catalan Walloon		I I U I - -	k b l e	
Friulian			K 3 1 e - -	- - s k o - r i: - -
Romanian				s k u r dz e
	ToFlow-Currere	ToFreeze	ToFreeze-Glaciare	ToFreeze-Inglaciare
Latin	k u r r e r e	g e l a: r e	g 1 a - k i a: r e	i n q l a k i a: r e
French	k u -	3 ə 1 e	g 1 a - s - e	
	k o - r e r -	- e l a r -		
	k o r r e r e	dg e l a r e	g j a t f j a r e	
PortugueseBrazi		3 i 1 a r -		
Portuguese	k u - r e r -	3 i 1 a r -		
Catalan Walloon	k o - r ə - -	3 ə 1 a d3 a 1 e	g l ə - s - a - -	
Friulian	k o - r i - -	u ₅ a 1 c - -	g 1 a - tf - a: - -	
	kurdze		$ g ^{1} a $ $ g $ $ a $	i n g - e ts - a
	ToBurn-Brojan	ToBurn-Cremare	ToBurn-Flammare	ToBurn-Ardere
Latin	,	k r e m a: r e	f l a m m a: r e	a r d e: r e
French	b s y 1 e - -	k в a m e	$f \mid 1 \mid \tilde{\alpha} \mid - \mid b \mid e \mid - \mid - \mid$	a r q - r -
Spanish		k - e m a r -	$f \mid 1 \mid a \mid -m \mid e \mid a \mid r$	arder-
Italian	b r u tf a r e	k r e m a r e	$f \mid j \mid a \mid m \mid m \mid a \mid r \mid e$	a r d e r e
PortugueseBrazi		k - ej m a r e		a R q 6 R -
Portuguese		k - ej m a r e		e r d e r -
Catalan		k r ə m a	f 1 a m a - - -	0 1 U C 1
Walloon	b в u: 1 e		1 1 4 111 4	
Friulian	b r u z a:			
Romanian				a r d e

	ToBurn-Flagrare	ToBurn-Incendere	ToBurn-AncestralClass8	All
Latin	f l a g r a: r e	i n k e n d - e r e	u s t u l a: r e	o m n e: s
French	f l a g r e	$\tilde{\epsilon}$ - s $\tilde{\alpha}$ - d j e		
Spanish	flagrar-	e n θ e n d - e r -		
Italian	f l a g r a r e	i n tf ε n d j a r e	u s t o l a r e	o n n i -
PortugueseBrazi	f l a g в а в -	ĩ - s e n dʒ ɪ a r -		
Portuguese	$f \mid l \mid a \mid g \mid r \mid a \mid r \mid -$	ĩ - s ẽ - d j a r -		
Catalan		$ \mathfrak{d} \mathfrak{n} \mathfrak{s} \mathfrak{e} \mathfrak{n} \mathfrak{d} - \mathfrak{e} \mathfrak{s} $		
Walloon				
Friulian Romanian		i n tf i n d 3 e - -	u s t u r a	
Nomanian	All-Totus	Many	Many-Tantus	Some
Latin	t o: - t u s	m u l t u s	t a n t u s	Some
French	t u	m u	1 a 11 t a 0	o - k œ
Spanish	t o - d o -	m u - tf o -	t a n t o -	a l g u n o
Italian	t u t t o -	m o l t o -	t a n t o -	a l k u n o
PortugueseBrazi		m ũ j - t u	t e - t u -	a w g ũ
Portuguese	t o - ð u -	$\mathbf{m} \mathbf{\tilde{u}} \mathbf{\tilde{j}} - \mathbf{t} \mathbf{u}$	$ \mathbf{t} \mathbf{\tilde{e}} - \mathbf{t} \mathbf{u} -$	a t g ũ - -
Catalan	t o - t	m o 1	t a n t - -	
Walloon	t o			
Friulian	d u - t	m o 1 c	t a n c - -	
Romanian	t o - t - -	m u l t	OII AI'	D:
Latin	Few pakus	Other	Other-Alius	Big
Latti	p a k u s	a l t e r -	$a \mid 1 \mid 1 \mid u \mid S$	m a g n u s
French	p ø	o - t - r -		
Spanish	poko-	o - t - r o		m a - n o -
ltalian	p 3 k 0 -	a 1 t - r o		manno-
PortugueseBrazi	p o w k u	owt-ru	a w	
Portuguese	p o w k u	owt-ru	a 1 - - -	
Catalan	p 3 k - -	a l t - r ə		
Walloon	p 0 - - -			
Friulian	p o: k - -	a 1 t - r i		
Romanian	Big-Grandem	Big-Majjorem	Long-Longum	Long-Largum
Latin	g r a n d e m	m aj j o: r e m		l a r g u s
French	g r g	111 aj j 0. 1 C 111	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1 a r g u s
Spanish	grande-		1 o - n g o -	laryo-
Italian	grande-		l u - n g o -	1 a r g o -
PortugueseBrazi			$\begin{vmatrix} 1 & \tilde{o} \end{vmatrix} - \begin{vmatrix} g & \tilde{u} \end{vmatrix} - \begin{vmatrix} -1 & \tilde{u} \end{vmatrix}$	1 a r g u -
Portuguese	$g \mid r \mid \tilde{e} \mid - \mid d \mid i \mid -$		$1 \left \tilde{o} \right - \left g \right u \left - \right -$	1 a r g u -
Catalan	g r a n		Λ o - ŋ	A a r k
Walloon	g r g		1 o	
Friulian	g r a n t - -		l u n k	l a r k
Romanian		mare	l u n g - - -	1 a r g

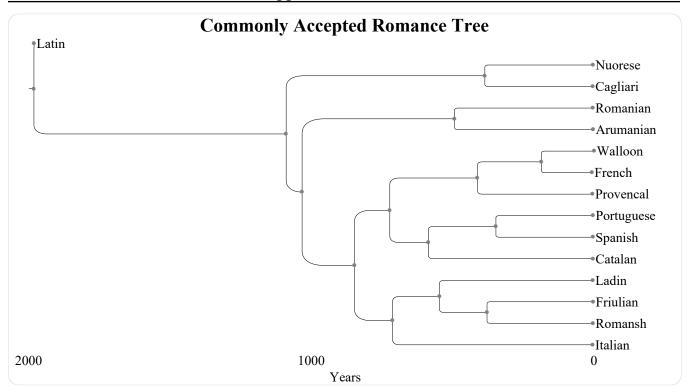
	Wide	Wide-Amplum	Thick	Thick-Spissum
Latin French Spanish	1 a: t u s 1 e 1 a t o -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	k r a s s u s g r a g r a - s o -	- s p i s s u s e - p e e s p e s o
Italian PortugueseBrazi	1 a t o -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{vmatrix} \mathbf{g} & \mathbf{r} & \mathbf{a} & \mathbf{s} & \mathbf{s} \end{vmatrix} = \begin{vmatrix} \mathbf{g} & \mathbf{g} & \mathbf{s} \end{vmatrix} = \begin{vmatrix} \mathbf{g} & \mathbf{g} & \mathbf{g} \end{vmatrix}$	
Portuguese Catalan Walloon	1 a t u -	$ \begin{vmatrix} \tilde{\mathbf{g}} & - & \mathbf{f} & - & \mathbf{u} \\ \mathbf{a} & \mathbf{m} & \mathbf{p} & \mathbf{l} & \mathbf{a} \end{vmatrix} - $	$ \begin{vmatrix} g & f & a & - & \int & u & - \\ g & f & a & - & s & - & - \end{vmatrix} $	$ \left \begin{array}{c c c c c c c c c c c c c c c c c c c $
Friulian Romanian	1 a t - -		g r a s	
	Thick-Gurdum	Thick-Grossum	Heavy	Heavy-Lurdus
Latin French Spanish	g u r d u s g o r d o -	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	g r a w i s g r i j r f g r a b e -	l u r d u s l u в l e r d o -
Italian PortugueseBrazi	g 0 1 u 0 -	$ \left \begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1 o r d o - 1 e r d o -
Portuguese Catalan Walloon		$ \left \begin{array}{c c} g & r & o & - & s & u & - & - \\ g & r & o & - & s & - & - & - \end{array} \right $	g r a - v i - v g r a - v v	1 e r d o -
Friulian Romanian		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	g r ε v i - g r e w	
	Heavy-Pesant	Small	Small-Pittinus	Small-Pitulus
Latin French Spanish Italian PortugueseBrazi	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{vmatrix} p & i & t & t & i & t & u & s \\ p & a & - & t & i & - & - & - \end{vmatrix} $	p i t t i n u s	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
Portuguese Catalan Walloon	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{vmatrix} p & \mathbf{a} & \mathbf{t} & \mathbf{i} & \mathbf{t} & - & - & - \\ p & \mathbf{i} & - & \mathbf{t} & \mathbf{i} & - & - & - \end{vmatrix} $	$ \mathbf{p} \mathbf{i} - \mathbf{k} \mathbf{e} \mathbf{n} \mathbf{u} $ -	
Friulian Romanian	p e z a n t -		p u - ts i n - -	p i - tf u 1 - -
Montalian	Short	Short-Brevis	Narrow	Narrow-Strictus
Latin	k u r t u s	b r e w i s	a n g u s t u s	- s t r - i - k t u s
French	k u r	b κ ε f		e - t
Spanish Italian	korto-	b r e b e -	a n g o s t o - a n g u s t o -	e s t r - e - tf o -
PortugueseBrazi				i s t r - ej - - t u -
Portuguese Catalan Walloon	k u r t u - k u r t - k u r t k u r t	b r e w - - - - - - - - -		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Friulian Romanian	K U I I - -		i n g u s t - -	

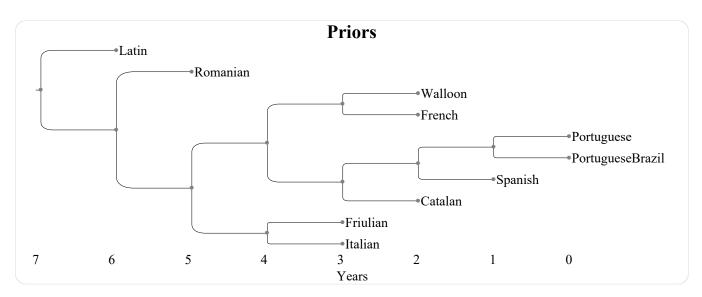
	Thin	Thin-Delicatus	Thin-Subtilis	Dry
Latin	m i n u: - t u s	d e: 1 i k a: t u s	s u b t i: 1 e m	s i k k u s
	m ə n y	d u: 3 e:	10 10 10 10 10 10 10 10 10	s ε - k
	m e n u - d o -	del-yaðo-	s u - t i 1 - -	s e - k o -
	m i n u - t o -	delikato-	s o t t i l e -	s e k k o -
PortugueseBrazi		dew-gadu-	$s \mid u \mid - \mid t \int \mid i \mid w \mid - \mid - \mid$	s e - k u -
Ü				
Portuguese	$ \mathbf{m} \mathbf{i} - \mathbf{u} - \mathbf{\delta} \mathbf{u} -$	$ d \epsilon l - \gamma a \delta u -$	$ \mathbf{s} \mathbf{u} $ - $ \mathbf{t} \mathbf{i} \mathbf{w} $ - $ \mathbf{r} $	s e - k u -
_	m ə n u - t	d ə l i k a t - -	s u p t i 1	s ε k - - -
	m i n u		s u: - t i	s ε tf
	m i n u: - t		s u - t i: 1	s ε - k
Romanian	m ə r u n t		s u b ts i r e -	s e k
1 - 41-	Right-Dextrem	Right-Directus	Red	Red-Vermiculus
Latin	d - e k s t r u m	d i: r - e: k t u s	r u s s u s	v e r m i k u l u s
French Spanish	d j e - s t r o -	d - к w a - t	в u r о - х о -	v ε κ m εj
Spanisn Italian	d	d e r - e - tf o - d e s t r a	r o - x o - r o s s o -	v e r m i λ - λ o -
PortugueseBrazi		d i r - ej - t e -	R O - \(\rangle \O \) - \(\rangle \O \O \) - \(\rangle \O \O \) - \(\rangle \O	v e r m r γ - γ α - γ α -
Tortuguesebrazi	u c b t 1 u			
Portuguese	$ \mathbf{d} - \mathbf{\epsilon} - \int \mathbf{t} \mathbf{r} \mathbf{u} -$	d i r - ej - t e -	в o - f u -	v i r m ej k u -
Catalan	d - e - s t r ə -	d r ε t	r o - s	b θ r m ε - - Λ - -
Walloon		d r ε t d r ø: t		
Friulian		d r ε t - - - - -	r o - s - -	
Romanian		d r e p t	$ \mathbf{r} \mathbf{o} - \mathbf{f} \mathbf{u} -$	
	Red-Rubeus	Green	Yellow	Yellow-Amarellus
Latin	r u - b e u s	w i r i d e m	g a l b i n u s	a m a r e l l u s
French	в u - 3	v e R - - - -	3 o - - n - -	
Spanish	$ \mathbf{r} \mathbf{u} - \mathbf{b} \mathbf{j} \mathbf{o} - \mathbf{j} $	b e r - d e -		a m a r i - j o -
Italian PortugueseBrazi	r o b b j o -	v e r - d e - v e r - d i -		$ \mathbf{e} \mathbf{m} \mathbf{a} \mathbf{r} \mathbf{\epsilon} - 1 \mathbf{u} -$
Fortuguesebrazi	1 u - b e 0 -	V E I - U I -		$ e m a r \epsilon - r u -$
Portuguese	r u - b e o -	v e r - d i -		e m e r e - 1 u -
Catalan	r u - dz e	ν ε r - t		
Walloon	r o - tf	Λ ε R	dz ε n	
Friulian		$\begin{vmatrix} v & \epsilon & r \end{vmatrix} - \begin{vmatrix} t & - \end{vmatrix} - \begin{vmatrix} - & - \end{vmatrix}$		
Romanian	r oj - b - - -	v e r - d e -	g a 1 b e n	
	Yellow-Croceus	White	One	Two-Duos
Latin	k r o k e u s	$\begin{vmatrix} a & 1 & b & u \end{vmatrix}$ s	u: n u m	d u o: s
French			œ - - -	d - ø -
Spanish	1	a 1 b o -	u n o -	d - o s
	$ \mathbf{k} \mathbf{r} \mathbf{o} \mathbf{t} \mathbf{e} \mathbf{o} $	a 1 b o -	u n o -	
PortugueseBrazi		a w v u	$ \tilde{\mathbf{u}} - - - $	d - oj s
Portuguese		a 1 v u -	ũ - - -	d oi f
Catalan	g r o k - - -	a 1 V U -	u u n	$\begin{vmatrix} \mathbf{d} & -\mathbf{o}\mathbf{j} & \mathbf{f} \\ \mathbf{d} & -\mathbf{o}\mathbf{s} \end{vmatrix}$
Walloon		a 1 v - -	$\begin{vmatrix} \mathbf{u} & \mathbf{n} & - & - \\ \mathbf{\tilde{o}} & - & - & - \end{vmatrix}$	d - 0 s
			11 n	d oi
Friulian Romanian		a 1 b - -	u ŋ - - u n u -	d - oj -

	Two-Duae	Two-Duas	Three	Four
Latin	d u - aj	d u a s	t r - e: s	
French			t B W a -	k - a - t в -
Spanish			t r - e s	k w a - t r o
Italian	d u - e		t r - e -	kwattro
PortugueseBrazi		d u e s	t r - e s	k w a - t r u
Portuguese		d u e ſ	$t \mid r \mid - \mid e \mid \int$	k w a - t r u
Catalan			$ \mathbf{t} \mathbf{r} - \mathbf{\epsilon} \mathbf{s} $	k w a - t - - r ə
Walloon			t r - ør -	k w a - t
Friulian			t r - e: -	k w a - t r i
Romanian	d o w ə		t r - ej -	p - a - t - - r u
1 - 4:	Five	Here	There	There-Ibi
Latin	k i: n k - e	- e k k u m h i: k	i l l a: k	i b i:
French	$\begin{vmatrix} s & \tilde{e} \end{vmatrix} - \begin{vmatrix} k & - \end{vmatrix} - \begin{vmatrix} -s & s \end{vmatrix}$	- - - -	- - 1 a -	
Spanish	θ i n k - o	i - - s - - i - - i - - i - -	a - j a -	
Italian	tf i n k w e	- - k w - - i -		- v i
PortugueseBrazi		- a - k i -	- - 1 a - - 1 a -	
J				
Portuguese	$ s \tilde{i} - k - u $	- e - k - - i -	- - 1 a -	
Catalan	s i ŋ k		ə - \Lambda a -	
Walloon	s e - k - -		- - 1 a -	
Friulian	tf i n k	- a - k - - i -		
Romanian	tf i n tf - -		- - 1 a -	
Letie	There-Adlbi	Who-Qui	Who-Quem	What
Latin		k - i s	k - e m -	k - i d
French				k w a
Spanish	a i		k j e n -	k - e -
Italian		k - i -	1 13 1 - 1 1	k - e -
PortugueseBrazi	a i		$ \mathbf{k} $ - $ \mathbf{\tilde{e}}\mathbf{\tilde{j}} $ - $ $ -	
Portuguese	e i		$ \mathbf{k} - \mathbf{\widetilde{e}}\mathbf{\widetilde{j}} - $	k - i -
Catalan		k - i -		k - ε -
Walloon		k - i: -		k w ε: -
Friulian		k w i -	w :	tf - e -
Romanian	When-Quando	How-Quomodo	tf - i n e Not	tf - e - Not-Nec
Latin	k - a n d o:	k o: m o d o	n o: n	n e k
Latiii	a II u u.	K U. III U U U	11 0. 11	III C K
French	$ \mathbf{k} - \tilde{\mathbf{a}} - - - $	k o m ã	$ \mathbf{n} \tilde{\mathfrak{o}} $ -	n i -
Spanish	k w a n d o	k o m o	n o -	n i -
Italian	k w a n d o	k o m e	n o n	n e -
PortugueseBrazi		k o m u	$n \left \tilde{\tilde{e}} \right $ -	n ej -
_				
Portuguese	$ \mathbf{k} \mathbf{w} \tilde{\mathbf{e}} - \mathbf{d} \mathbf{u} $	$ \mathbf{k} \mathbf{o} \mathbf{m} \mathbf{u} $ - $ $ -	n e -	$ n \widetilde{ej} $ -
	I- I I I I I			
Catalan	k w a n	k o m	n o -	n i -
Walloon	k w a n d	k o m $\tilde{\epsilon}$		$ n \tilde{e} $ -
Friulian	k w a n t	tf e m u: t -	n o -	
Romanian	k - i n d -	k u m - - -	n u -	

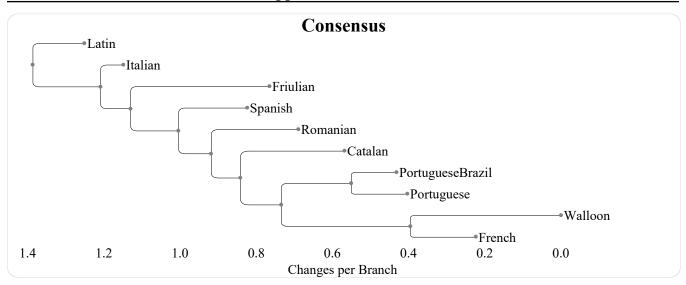
	Ar	nd-Et	And-Si
Latin	e	t	s i: k
French	e		
Spanish	i		
Italian	e		
PortugueseBrazi	i		
Portuguese	i		
Catalan	i		
Walloon	ε		
Friulian	e		
Romanian	e	-	$\int \left egin{array}{c c} egin{array}{c} egin{array}{c c} \egin{array}{c c} egin{array}{c c} egin{array}{c c} \egin{array}{c c} a$

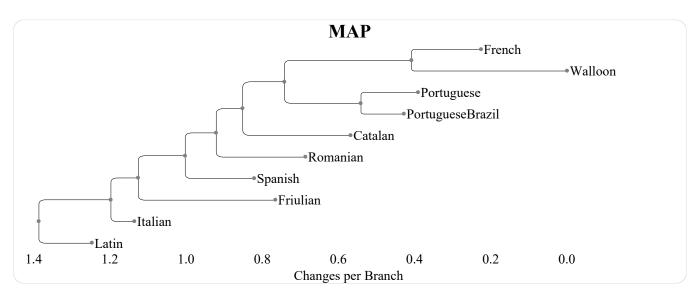
Appendix 4 - Results





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