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

ej õ a î e ej õ e ew e o: e: eu u œ a

2 Vowel

e o: ə o i ɔ ı u oj i: i a v u: y e: œ ε oa a: aj ε: ej vj ø: au ø ea α ɔ: εj o(w) α: u e σ

3 Nasal Consonant

nm nnn^w nj

4 Non Sylabic Sonorant

w j l r

5 Consonant

g ʒ j dz s ∫ v b λ h k t d f r x в tf p z ð ts R θ c β ł ų dz g g^w k^j tf^j յ k: ç γ k^w

	l	We	YouPlural	They
Latin	- e g o:	n or - s -	w or - s	e i:
French	3 ə	n u	v u	
Spanish	j o	n o - s -	b o - s	e A o s
Italian	i o	n o: i	v or i -	1 o: r o
PortugueseBrazil	- e - w	n o j - s	v o j s	e l i s
Portuguese	- e - w	n o - f -	$ \mathbf{v} \mathbf{o} - \mathbf{f} $	e l i ∫
Catalan	3 5		b u - s	
Walloon	ď3 I	n o	v o - s	
Friulian	$\begin{vmatrix} \mathbf{j} \\ \mathbf{j} \end{vmatrix} - \begin{vmatrix} \mathbf{j} \\ \mathbf{o} \end{vmatrix}$	n o:	v o:	
Romanian	j e - w	n oj - -	v oj	
	This	That	YouSingular	YouSingular-
				VostramMercedem
Latin	h i k	i 1 1 e	t u:	
French	s ə s i	s ə 1 a - -	t y	
Spanish	e s t e	e s e	t u	- u s t e d
Italian	k w e s t o	k w e 1 1 o	t u	
PortugueseBrazil	i s u	a k i l u -	t u	v o s - e -
Portuguese	$i \int t u - $	e k i l u -	t u	v o s - e -
Catalan			t u	v o s t e -
Walloon			t y	
Friulian			tu	
Romanian			t u	
Nomaniali				
	He	Woman	Woman-Mulier	Woman-Domina
Latin	He i s -	f e: - m i - n - a		d o m i n a
Latin French	i s -	f e: - m i - n - a f a - m	Woman-Mulier	d o m i n a d a m
Latin French Spanish	i s - e 1 -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Woman-Mulier m u 1 i e r e m	d o m i n a d a m d o n a
Latin French Spanish Italian	i s - e l - l u: i	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Woman-Mulier m u 1 i e r e m m u x - e r m o ʎ ʎ e	d o m i n a d a m d o n a d o n - n a
Latin French Spanish Italian PortugueseBrazil	i s - e l - l u: i e l i	f e: - m i - n - a f a - m e - m - b r - a f e m m i - n - a f e - m e e	Woman-Mulier m u 1 i e r e m m o λ λ e m u λ - e в	d o m i n a d a m d o n a d o n e
Latin French Spanish Italian PortugueseBrazil Portuguese	i s - e l - l u: i	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Woman-Mulier m u l i e r e m m o k k e m u k - e r - e r - e	d o m i n a d a m d o n a d o n e d o n e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	i s - e l - l u: i e l i	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Woman-Mulier m u 1 i e r e m m o λ λ e m u λ - e в	d o m i n a d a m d o n a d o n e d o n e d o n e d o n e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	i s - e l - l u: i e l i	f e: - m i - n - a f a - m e - m - b r - a f e m m i - n - a f e - m e e f e - m j e f e - m - b r - a f œ - m	Woman-Mulier m u 1 i e r e m m u x - e r m o x x e r m u x - e r m u x - e r m u x - e r m u x - e r	d o m i n a d a m d o n a d o n e d o n e d o n e d o n e d o n e d o n e d o n e
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Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	i s - e l - l u: i e l i e l i	f e: - m i - n - a f a - m e - m - b r - a f e m m i - n - a f e - m e e f e - m - b r - a f e - m - b r - a f e - m f e - m i - n - ε f e - m e j e	Woman-Mulier m u 1 i e r e m m u x - e r m o f f e m u f - e r - m u f - e r - m u - j e r e -	d o m i n a d a m d o n a d o n e d o n e d o n e d o n e d o n e d o n e
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Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	i s - e 1 - 1 u: i e 1 i e 1 i	f e: - m i - n - a f a - m e - m - b r - a f e m m i - n - a f e - m e e f e - m j e f e - m - b r - a f œ - m f æ - m i - n - æ f e - m i - n - æ f e - m or f æ - m i - n - æ f e - m or f æ - m i - n - æ f e - m or f a - m i - n - æ f e - m or j e ManHumanBeing- Homo h - o m or	Woman-Mulier m u 1 i e r e m m u λ - e r m u λ - e r m u λ - e r m u λ - e r m u λ - e r m u - i: r m u - j e r e - Child i n f a n t e m i n f a n t e -	d o m i n a d a m d o p a d o n - n a d o n e d o n e d o n e d o n e d o - n e Child-Ninnus
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Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil	i s - e l -	f e: - m i - n - a f a - m e - m - b r - a f e m m i - n - a f e - m e e f e - m j e f e - m - b r - a f œ - m f æ - m i - n - æ f e - m i - n - æ f e - m or f æ - m i - n - æ f e - m or f æ - m i - n - æ f e - m or f a - m i - n - æ f e - m or j e ManHumanBeing- Homo h - o m or	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	d o m i n a d a m d o p a d o n - n a d o n v d o n v d o n v d o n v d o n e d o n e d o - n e d o - n e d o - n e d o - n e d o - n e d o - n e d o - n e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese	i s -	f e: - m i - n - a f a - m e - m - b r - a f e m m i - n - a f e - m e e f e - m j e f e - m - b r - a f œ - m f æ - m i - n - æ f e - m i - n - æ f e - m or f æ - m i - n - æ f e - m or f æ - m i - n - æ f e - m or f a - m i - n - æ f e - m or j e ManHumanBeing- Homo h - o m or	Woman-Mulier m u 1 i e r e m m u λ - e r m u λ - e r m u λ - e r m u λ - e r Child i n f a n t e m α - f α n t e f a n t e f a n t e m	d o m i n a d a m d o p a d o n - n a d o n e d o n e d o n e d o n e d o n e d o n e d o - n e d o n - n e d o n - n e d o n - n e d o n e n e
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Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	i s -	f e: - m i - n - a f a - m e - m - b r - a f e m m i - n - a f e - m e e f e - m j e f e - m - b r - a f œ - m f æ - m i - n - æ f e - m i - n - æ f e - m or f æ - m i - n - æ f e - m or f æ - m i - n - æ f e - m or f a - m i - n - æ f e - m or j e ManHumanBeing- Homo h - o m or	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	d o m i n a d a m d o p a d o n - n a d o n e d o n e d o n e d o n e d o n e d o - n e d o - n e d o - n e d o n - n e d o n - n e d o n e n e

	Wife	Wife-Mulier	Husband	Husband-Sponsus
Latin	- s p o n s a	m u 1 i e r -	m a r i: t u s	- s p o n s u s
French	e - p u - z -		m a в i	e - p u
Spanish	e s p o - s a	mux-er-	mariðo-	e s p o - s o -
Italian	- s p s - z a	тоббе	m a r i t o -	- s p o - z o -
PortugueseBrazil	i s p o - z a	т п ч г е в -	maridu-	i s p o - z u -
Portuguese	$\begin{vmatrix} \mathbf{i} \\ \mathbf{j} \end{vmatrix} \begin{vmatrix} \mathbf{j} \\ \mathbf{p} \end{vmatrix} \begin{vmatrix} \mathbf{o} \\ \mathbf{j} \end{vmatrix} - \begin{vmatrix} \mathbf{z} \\ \mathbf{z} \end{vmatrix} \end{vmatrix} \mathbf{e}$	m u k - e r -	meriðu-	$\begin{vmatrix} \mathbf{i} & \mathbf{j} & \mathbf{p} & \mathbf{o} \\ \mathbf{i} & \mathbf{j} & \mathbf{p} & \mathbf{o} \end{vmatrix} - \begin{vmatrix} \mathbf{z} & \mathbf{u} \\ \mathbf{z} & \mathbf{u} \end{vmatrix} -$
Catalan		m u k - e	marit -	
Walloon	$ \mathfrak{d} s \mathfrak{p} \mathfrak{d} - \mathfrak{z} \mathfrak{d}$	III u X - e - -	$ \mathbf{n} \mathbf{a} 1 \mathbf{t} \mathbf{t} - \mathbf{t} $	
Friulian		:		
		m u - i: r	m a r i: t	- s p o: - s - -
Romanian		m u - j e r e	m ə r i t	
1 (*	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 - r -	
Spanish		m a ð r e -	p a ð r e	t a t a
Italian	$ \mathbf{s} \mathbf{o} \mathbf{t} - \mathbf{o} $	m a: d r e -	p a: d r e	t a t a
PortugueseBrazil		$ \mathbf{m} \widetilde{\mathbf{e}} \widetilde{\mathbf{j}} - - - - $	p aj - - -	t a t a
Portuguese		m ej m ej	p aj - - -	t a t a
Catalan		m a - r ə -	pa-rə	
Walloon		m e - R	p ε: - r -	
Friulian		m a - r i -	pa-ri	
Romanian	s o ts			t a t ə
	Animal	Animal-Bestia	Fish-Piskem	Fish-Pescion
Latin	a n i m a 1 i a	b e: s t i a	p i s k e m	
French	o m a - j -			p w a s õ
Spanish	a l i m a n - a		p e - - -	F
Italian	u 1 1 111 u J1 u	b i a	p e f f e -	
PortugueseBrazil		b i - f - e	p ej ∫ - i -	
Portuguese		$\begin{vmatrix} b & i \\ b & i \end{vmatrix} - \begin{vmatrix} j \\ j \end{vmatrix} - \begin{vmatrix} e \\ e \end{vmatrix}$	p ej ∫ - i -	
Catalan			$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	
Walloon			Piciji	$p - \epsilon h \tilde{o}$
Friulian	n e m a: 1	b i s - - -	p ε s - - -	$ \mathbf{h} = \mathbf{g} _{\mathbf{\Pi}} \mathbf{n} $
Romanian				
Nonanan	Bird-Avem	Bird-Avicellum	p e ∫ t e - Bird-Passerem	Dog
Latin				Dog
	a w e m		ıpasserem	k - a - n e m
French	1	w a - - z - o - -		$\left \int\limits_{1} \left j\right \widetilde{\varepsilon} \left -\right -\left -\right -\right $
Spanish	a b e -	 	p a - x a r o -	k - a - n
Italian		$\left - \left - \left u \right - \right t \left t \right \right - \left \epsilon \left 1 \right 1 \right $	(p a s s e r o -	k - a - n e -
PortugueseBrazil	a v i -		pa-seru-	
				$\widetilde{\mathbf{w}}$
Portuguese	a v i -		pa-seru-	k - e - - -
				$ \tilde{ m w} $
Catalan	a w - -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		
Walloon		$\begin{array}{cccccccccccccccccccccccccccccccccccc$		f - f - - - -
Friulian Romanian		\parallel - \mid - \mid \parallel \mid - \mid - \mid tf \mid j \mid ϵ \mid - \mid 1 \mid		c - a - n - -

	Louse	Snake	Snake-Serpens	Worm
Latin	p - e d u - k l u s		ns - e r p e n s	w e r m e m
French	p - u	s - 6 R b - a	-	A 6 R
Spanish	p j o x - o	s - e r p j e n t e	s j e r p e	berme-
Italian	p - i d o k k j o -	s - e r p - e n t e	$-s$ $-\epsilon$ r p e $-$	v e r m e -
PortugueseBrazil	-	s - e в p - е п t с	$ s \epsilon p c $	v e r m i -
Portuguese	*			
Catalan	*			v e r m i -
	.	s - ə r p - e n	s - e r p	v ε r m
Walloon	p j u	s j e r p - ē		V j ε R
Friulian	p - e d o - 1 i	s - a r p - i n t -		v j ε r
Romanian	p - ə d u - k j e -	<u> </u>	-	v j e r m e
	Tree	Forest	Stick	Fruit
Latin	a r b o r e m	$s \mid i \mid l \mid w \mid a$	p a: 1 u s	f r u: - k t u s
French	a r p - r		p a 1	f R d i
Spanish	a r β o 1	s e l b a	p a 1 o -	f r u t o -
Italian	a l b e r o -	s e l v a	p a 1 o -	f r u - t t o -
PortugueseBrazil	a k v o t i -	s ε w v a	p a w	f r u t e -
Portuguese	arvuri	s e ł v e	p a w	f r u t e -
Catalan	a - b - r ə -	s e l b a	p a 1	f r u j - t
Walloon	o: - b			f R y
Friulian	a r b u 1	s ε l v e	p a: 1	f r u t
Romanian	a r b o r e -		par	f r u - k t
	Seed	Leaf	Leaf-Frondea	Root
Latin	s e: m ẽ	f - o 1 i a	f r o n d e a	- r a: d i: k e m
French	g B e n - - -	f - œ j		
Spanish	s e m i k a -	o x - a		- r a - i θ - -
Italian	s e: m e	f - 3 A A a	f r o n dz - a	
PortugueseBrazil	s e m e tf i -	f - o \lambda - e	f r õ s - r -	- B a - i S - -
Portuguese	s i m e t i -	f - o \lambda - e	f r õ s - r -	- R G - i V - -
Catalan	λ ə v o r	f - u \lambda - \pa		ə r ε - 1
Walloon	s i m e s	$\begin{vmatrix} \mathbf{f} & \mathbf{j} & \mathbf{j} \\ \mathbf{j} & \mathbf{j} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{j} \\ \mathbf{j} & \mathbf{j} \end{vmatrix}$		
Friulian	$s e m \epsilon n t \epsilon$	f w e - e		
Romanian	s ə m i n ts ə	f oa - j e -	$f \mid r \mid u \mid n \mid z \mid - \mid \vartheta$	
	Root-Radix	Root-Radicina	BarkOfATree	BarkOfATree-Corticea
Latin	r a: d i: k e	r a: d i: k i: n a	k o r t i k e m	k o r t i k e a
French	в a q i	ва		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Spanish	2 4 4 1	2 4 0 1 11		k o r t e θ - a
Italian	r a d i: tf e		k o r t i t e -	k o r t e t t a
PortugueseBrazil	1 a a 1 y C		kortige	kortlise-
			ковутот	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
			kactici	ku c t i c p -
Portuguese			k o r t i s i -	k u r t i s e -
Portuguese Catalan				k u r t i s e -
Portuguese Catalan Walloon		$ \mathbf{r} \epsilon \mathbf{r} - \mathbf{s} \epsilon \mathbf{n} $	$-\left \mathbf{i}\left \mathbf{s}\right \right $	$ \mathbf{k}_{\parallel}\mathbf{u} \mathbf{r}_{\parallel}\mathbf{t}_{\parallel}\mathbf{i}_{\parallel}\mathbf{s}_{\parallel}\mathbf{e} $ -
Portuguese Catalan		$ \begin{vmatrix} R & \varepsilon & - - s & \varepsilon & n - \\ R & \varepsilon & d & \varepsilon & s & s & s & s & \end{vmatrix} $	$ \mathbf{i} s \mathbf{i} c \mathbf{k} c \mathbf{k} c$	$ \mathbf{k}_{\parallel}\mathbf{u}_{\parallel}\mathbf{r}_{\parallel}\mathbf{t}_{\parallel}\mathbf{i}_{\parallel}\mathbf{s}_{\parallel}\mathbf{e} $ -

	BarkOfATree-Skortea	Flower	Grass	Grass-Gramen
Latin	- s k - o r t e a	f 1 o: r e m	- h e r b a	g r a: m e n
French	е - k - о в s	f 1 c r	ε R P -	g κ a m ε n
Spanish		f l o r	j - e r b a	
-	- 1- - - 4- -			g r a m a -
Italian	- s k - o r ts - a	f j o: r e -	$- - \epsilon r b a$	~
PortugueseBrazil		t 1 o r	- - e R A B	g r ë m e -
Portuguese		f 1 o r	g V 3 -	g r e m e -
Catalan	$ \mathfrak{d} \mathfrak{s} \mathfrak{k} - \mathfrak{d} \mathfrak{r} \mathfrak{s} - \mathfrak{d} $	f 1 o - -	- - e r b ə	$ g \mathbf{r} a \mathbf{m} - $
Walloon	- s k w a s	f 1 ø: r - -	j - ε - p -	
Friulian	- s k w a r ts - e	f 1 or r	j - a r b e	
Romanian	- s k - ga r ts - ə	f l oa r e -	j - a r b ə	
	Rope	Skin	Meat	Blood
Latin	f u n i s -	k u t ē -	k a r n ẽ	s a n g ^w - i n e m
French	ков д	p o	v j a d -	s a
Spanish	k w e r ð a	p j e l -	k a r n e	saŋg-re-
Italian	k o r d a -	p ε 1 1 e	k a r n e	s a n g w e
PortugueseBrazil		p ε 1 i -	k a k n i	$\begin{vmatrix} s & \tilde{e} & g & \tilde{e} \\ s & \tilde{e} & g & 1 \end{vmatrix} = \begin{vmatrix} s & \tilde{e} & \tilde{e} \\ 1 & g & 1 \end{vmatrix} = \begin{vmatrix} s & \tilde{e} & \tilde{e} \\ 1 & \tilde{e} & 1 \end{vmatrix} = \begin{vmatrix} s & \tilde{e} & \tilde{e} \\ 1 & \tilde{e} & 1 \end{vmatrix}$
Portuguese	korðe-	p e l i -	karn i	
Catalan	K O I O e -	1	karn-	
		1-		s a n
Walloon		p ε:	f o: R	s o: - g
Friulian		p j ε 1 -	c a: r	s a ŋ k
Romanian		p j e 1 e	k a r n e	s i n d - e
1 (1	Bone	FatNoun	Egg	Horn
Latin	o s	a d e p s	o w u m	k o r n u: -
French	0 8	g R 6 2	- œ f	k о в и
Spanish	w e s o	g r a s a	w e b o -	k w e r n o
Italian	3 S S O	g r a s s o -	$\mathbf{w} \mid \mathbf{o} \mid \mathbf{v} \mid \mathbf{o} \mid$ -	
PortugueseBrazil	o s u -	довди с в	- o v u -	$\left \int \left \mathbf{i} \right \mathbf{f} \left \mathbf{r} \right \mathbf{i} \right $ -
Portuguese	o s u -	g u r ð u r e	- o v u -	∫ i f r i -
Catalan	o s		- o w	b a n ə
Walloon	o h ε: -		- u:	k w ε n
Friulian	VWεs		- u: f	k w a: r
Romanian	0 8		- 0 W	korn
	Tail	Feather	Feather-Penna	Hair
Latin	k a d a -	p l u: m a	p e n n a	p - i 1 u s
	u u u	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1
French	$\mathbf{k} \begin{vmatrix} \hat{\mathbf{o}} \\ \hat{\mathbf{o}} \end{vmatrix} - - - $	p 1 y m -	$ \mathbf{p} \mathbf{\epsilon} - \mathbf{n} -$	p w a 1 - -
Spanish	k o l a -	p l u m a	p e - n a	1 1
Italian	k o d a	p j u m a	p e n n a	1 1
PortugueseBrazil		P J u m u	-	-
Portuguese			1 ⁻	
	k a w d e		pe-ne	
Catalan	k u - a -	p l o m ə	$p \mid \epsilon \mid - \mid p \mid \vartheta$	$ \mathbf{p} - \mathbf{\epsilon} 1 - \mathbf{r} $
Walloon	k o w	p 1 2 m -	p e - n -	
Friulian	k σ d ε -	p l u m ε	$p \mid \epsilon \mid - \mid n \mid e$	p - e: 1
Romanian	c oa d ə -		p a - n ə	p - ə r - -

	Hair-Capillus	Head	Head-Testa	Ear
Latin	kapillus	kapi-tia	t e s t a	o: r i k l a -
French	$\int \left \mathbf{a} \right \mathbf{v} \left \mathbf{o} \right - \left - \right - \left - \right $	$\int \left \mathbf{a} \right \mathbf{v} \left \mathbf{\epsilon} \right - \left - \right - \left - \right $	$ \mathbf{t} \mathbf{\epsilon} - \mathbf{t} -$	о в еј
Spanish	k a b e - j o -	k a β e - θ - a		ore-x-a
Italian	k a p e 1 1 o -	k a v e t t s a	t e s t a	orekkja
PortugueseBrazil		k a b e - s - e	t ε s t e	o r e A e
Portuguese	k e β e - 1 u -	k e β e - s - e	t ε ∫ t e	o r ej k e
Catalan	k ə b ε - Λ	k a p	t e s t ə	u r ε Λ ə
Walloon	tf i v j a -	F 1	$ tf \varepsilon s - - $	э R aj
Friulian	c a v ej	c a: f	t ε s t e	o r e - 1 e
Romanian	- - - - -	k a p	ts ea s t ə	u r e - k - e
	Eye	Nose	Nose-Nares	Mouth
Latin	- o - k u 1 u s	n a: s u s		b u k k a
French	- œ - j	n e		b u - ∫ -
Spanish		n a s o -	n a r i θ -	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
PortugueseBrazil	- o \(\hat{\lambda} \) u -	11 41 5 5	n a r i g c	b o - k e
Portuguese				b o - k e
Catalan	J A U	n a s	n a: r I s -	b o - k ə
Walloon	- u: - j - - - -	n e	11 0. 1 1 3	b o k
Friulian	v o 1 i			$\begin{vmatrix} b & 3 & k & - & - \\ b & 3 & - & c & \epsilon \end{vmatrix}$
Romanian	$\begin{vmatrix} v & 0 & - & - & 1 & 1 & - & - \\ - & 0 & - & k^j & - & - & - & - \end{vmatrix}$	n a: s		
Nomaman	Mouth-Gula	n a s	Fingerneil	b u - k ə Foot
Latin	g u 1 a	Tooth dentê-	Fingernail u ŋ gʷ i s -	p e d e -
French				
Spanish	g œ l		õgl	p j e
· ·	g o l a	d j e n t e	u n a	p j e
Italian	g o l a	$d \varepsilon n t e -$	u ŋ g j a -	p j ε: d e
PortugueseBrazil		d e f i	u n e	ρ ε
Portuguese		$d \mid \tilde{e} \mid t \mid \dot{i} \mid - \mid -$	u n e - -	ρ ε
Catalan	g o l ə	1 ~	~ .	$p \mid \varepsilon \mid w \mid - \mid - \mid$
Walloon	g ø: j -	d	õg	p i:
Friulian	g o l e	d i n t	o η g u l ε	p i t
Romanian	g u r ə	d i n t e -	u n g j e -	p i tf o r
Lotin	Leg	Knee	Hand	Wing
Latin	k r u: s	g e n u:	m a n u m	a: 1 a
French	3 a b	3 9 n u	m e	e 1 -
Spanish	p j e r n a	r o ð i ʎ a -	m a n o -	a l a
Italian	g a m b a -	dg i n o k: j o	m a: n o -	a l a
PortugueseBrazil	b e R u s -	3 u e \(\lambda \) u - -	m $\tilde{\mathfrak{g}}$	a - -
Portuguese	$-\left \mathbf{g}\left \mathbf{n}\right 1\left \mathbf{s}\right \mathbf{q}\right $	3 u e K u - -	$egin{array}{c cccc} \widetilde{\mathbf{w}} & & & & \\ \mathbf{m} & \widetilde{\mathbf{e}} & - & - & - & \end{array}$	a - -
			$ ilde{ extbf{w}} $	
Catalan	k a m ə			a l ə
Walloon	$d\mathbf{g} \tilde{\mathbf{a}} \mathbf{b} - - -$	n n o dg e n o 1 i -	m	e 1 -
Friulian	$f \begin{vmatrix} a \end{vmatrix} \begin{pmatrix} n \\ w \end{vmatrix} \begin{vmatrix} b \end{vmatrix} e \end{vmatrix}$	dg e n o 1 i -	m a ŋ - -	a l e
Romanian	p i tf o r -	dy e n u n k ç	m i n ə -	

	Belly	Guts	Neck	Back
Latin	w e n t e r	w i s k u s	k - o 1 1 u m	d o r s u m
French	v a t r - -	a t r a j	k - u	d o
Spanish	b a r i y a	t r i p a s	k w e - j o -	
Italian	pantfa-	i n t e s t i: n o	k - o 1 1 o -	d s s o -
PortugueseBrazil		e t r e p e s	k - o - 1 u -	
Portuguese	v e t r i -	e t r e n e ∫	k - o - 1 u -	
Catalan			k - o - h	d o - s - -
Walloon	v			d o - s d o
Friulian	p a n ts e -		k w ε - 1	
Romanian	b u r t ə -			d o - - -
	Back-Spatula	Breast	Breast-Pectus	Heart
Latin	- s p a t u l a	s i n u s	p - e k t u s	k - o r -
French	e - p o 1 -	s e - - -	p - i	
Spanish	e s p a l - d a	s e n o -	$ \mathbf{p} - \mathbf{e} - \mathbf{t} \mathbf{o} -$	
Italian	- s p a 1 - 1 a	s e n o -	$p - \epsilon t t o -$	k w o r e
PortugueseBrazil		s ej - u -	p - ej - t u -	
Portuguese	i	s ej - u -	p - ej - t u -	k - o r -
Catalan	$ a s p a \Lambda - \Lambda a$	s i - - -	p - i - t - -	k - o r -
Walloon	- s p a 1 -			k - u: r -
Friulian	- s p a 1 ε	s e n	$ p - \epsilon - t - -$	
Romanian	- s p a t e	s a n	p j e p t - -	
	Heart-Anima	Liver	Sun	Sun-Soliculus
Latin	a n i m a	f - i: k a: t u m	s o: 1 e m	s o l i k u l u s
French	a m -	f w a		s 2 1 ej - - - -
Spanish	a 1 - m a	- - i γ a ð o -	s o 1	
Italian	a 1 - m a	f - e g a t o -	s o l e -	
PortugueseBrazil		f - i g e d u -	s o w	
Portuguese	a 1 - m e	f - i y e ð u -	s 3 1 - -	
Catalan		f - e d ə	$\begin{vmatrix} s & j & l \\ j & l \end{vmatrix}$	
Walloon				
Friulian	o: m -	f - ø: t	$ \mathbf{s} \mathbf{o} \mathbf{l} \mathbf{o} -$	
D	a n i m e	f - i j a: t		s o r e - - 1 i -
Romanian	a n i m e i n i m ə	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	s oa r e -	
	a n i m e i n i m ə Moon	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	s oa r e - Water	Rain
Latin	a n i m e i n i m ə Moon I u: n a	f i j a: t - -	s oa r e - Water a - kw - a	Rain p I u - w i a
Latin French	a n i m e i n i m ə Moon l u: n a l y n -	f - i j a: t - -	s oa r e - Water a - kw - a o	Rain p 1 u - w i a p 1 y i -
Latin French Spanish	a n i m e i n i m ə Moon l u: n a l y n - l u n a	f - i j a: t f - i k a t Star - s t - e: l l a a e - t w a - l - e s t r e - j a	s oa r e - Water a - kw - a o a - y w a	Rain p 1 u - w i a p 1 u - i - j - u - b j a
Latin French Spanish Italian	a n i m e i n i m a l u: n a l u n a l u n a l u n a	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	s oa r e - Water a - k ^w - a o a - y w a a k k w a	Rain p 1 u - w i a p 1 y i - j - u - b j a p j o d d - a
Latin French Spanish Italian PortugueseBrazil	a n i m e i n i m a l u n a l u n a l u n a l u n e	f - i j a: t f - i k a t Star - s t - e: l l a e - t w a - l - e s t r e - j a - s t - e l l a i s t r e - l e	s oa r e - Water a - kw - a o a - y w a a k k w a a - g w e	Rain p 1 u - w i a p 1 y i - j - u - b j a p j o d d - a ∫ - u - v - e
Latin French Spanish Italian PortugueseBrazil Portuguese	a n i m e i n i m e Moon l u: n a l u n a l u n a l u n e l u n e l u n e	f i j a: t f - i k a t Star	s oar e - Water a - kw - a o a - y w a a k k w a a - g w e a - g w e	Rain p 1 u - w i a p 1 u - b j a p j o d dz - a
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	a n i m e i n i m e moon l u n a l u n a l u n a l u n e l u n e l u n e l u n a	f i j a: t f - i k a t Star - s t - e: 1 1 a e - t w a - 1 - e s t r e - j a - s t r e - 1 e i f t r e - 1 e a s t - ε - 1 -	s oa r e - Water a - k ^w - a o a - y w a a k k w a a - g w e a - g w e aj - y w ə	Rain p 1 u - w i a p 1 y i - j - u - b j a p j o d dz - a ∫ - u - v - e ∫ - u - v - e p 1 u - z - ə
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	a n i m e i n i m e moon l u: n a l y n - l u n a l u n a l u n e l u - e l u - e l u n a l u - e l u - e l u n a	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	s oa r e - Water a - k ^w - a o a - y w a a k k w a a - g w e a - g w e aj - y w ə e: w -	Rain p 1 u - w i a p 1 y i - j - u - b j a p j o d dz - a ∫ - u - v - e ∫ 1 u - z - a p 1 u - z - a p 1 u - z - a p 1 u - z
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	a n i m e i n i m e moon l u n a l u n a l u n a l u n e l u n e l u n e l u n a	f i j a: t f - i k a t Star - s t - e: 1 1 a e - t w a - 1 - e s t r e - j a - s t r e - 1 e i f t r e - 1 e a s t - ε - 1 -	s oa r e - Water a - k ^w - a o a - y w a a k k w a a - g w e a - g w e aj - y w ə	Rain p 1 u - w i a p 1 y i - j - u - b j a p j o d dg - a ∫ - u - v - e ∫ - u - v - e p 1 u - g - a

	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	7 7 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	R A	R i A i G R	1 a k
Spanish		$\begin{vmatrix} \mathbf{r} & \mathbf{i} & -\mathbf{o} \end{vmatrix}$	2 2 0 5 0 2	1 a g o -
Italian	f j u m e -	r i - o -		l a g o -
PortugueseBrazil		R i - W -		lagu-
Portuguese	f l u m i -	B i - W -		layu-
Catalan	1 1 4 111 1	r i - w -		Λak
Walloon		1 1 W	r i v i: - в - -	1 a k
Friulian	f 1 u m - -			1 a: t
Romanian	1 1 u III	$ \mathbf{r} \mathbf{i} - \mathbf{w} $		1 a k
TOMAMA	Sea	Salt	Stone	Stone-Petra
Latin	m a r e	s a: 1 e m	s a k s u m	
French	m E R -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	s a K s u III	*
Spanish		s a 1		
Italian	mar-	s a l e -	sasso-	
PortugueseBrazil	m a r e	s a l e - s a w	s a s s o - s ej - \int u -	p j e: t r a p - e d r e
				-
Portuguese Catalan	mar -	s a 1 s a 1	s ej - f u -	p - e ð r e
Walloon	m a r -			
	m e R -	s e		b - i: - R -
Friulian	m a: r -	s a: 1		p j e: - r e
Romanian	m a r e	s a r e -	0 1 0 - 1 1	p j a t r ə
Latin	Stone-Lapidem	Sand	Sand-Sabulum	Sand-Sabula
Latin	l a p i d e m	h a r e: n a	s a b u l u m	s a - b u 1 a
French	1 1 1		s a b - 1	
Spanish	1 a u - d e -	- a r e n a		
Italian	1 a p i d e -			s a b b - j a
PortugueseBrazil		- a r ej - e	s aj β - r u -	
Portuguese		- e l ej - e	s aj β - r u -	
Catalan		- ə r e n ə	s o r ə	
Walloon			$s \mid o \mid v \mid j \mid \tilde{o} \mid - \mid - \mid$	
Friulian			$s \mid a \mid v \mid a \mid 1 \mid o \mid n$	
Romanian	Dest	- a r i n ə	C - utla	Olavid
Latin	Dust	Dust-Pulwus	Earth	Cloud
Latin	p u l w e r e m	p u 1 w u s	t - e r r a	n u: b e: s
French	b n q R - - - -		t - е - в -	n y
Spanish	1	p o 1 b o -	t j e - r a	n u b e -
Italian	$p \mid o \mid 1 \mid v \mid e \mid r \mid e \mid$ -		t - ε r r a	n u b e -
PortugueseBrazil		$\left egin{array}{c c c c c c c c c c c c c c c c c c c $	t - е - в в	n u v ej -
Portuguese			т - в - в в	$n u v \widetilde{e}\widetilde{j} $ -
Catalan		p o 1 s - -	$ t - \epsilon - r \vartheta$	
Walloon	1		t - E: - R -	
Friulian	p 2 1 v a r - -		$t \mid j \mid \epsilon \mid - \mid r \mid e$	
Romanian	p u 1 b e r e -		ts - a - r ə	

	Cloud-Secondary	Fog	Fog-Nebula	Fog-Tenebrae
Latin	n u: b i l u s	k a: l i: g i n e m	n - e - b u 1 a	t e n e: b r aj
French			n j o 1 y	
Spanish	n u b - 1 o -	k a 1 i n a -	n j e - b - 1 a	
Italian	n u v o l a -	kali dzine-	n - e b b - j a	t e n e b r e
PortugueseBrazil	n u b l a d u	k a l i ʒ ẽj	$ \mathbf{n} - \mathbf{\epsilon} - \mathbf{v} \mathbf{w} - \mathbf{e} $	
Portuguese	n u b l a d u	k e l i z ej	$ \mathbf{n} - \mathbf{\epsilon} - \mathbf{v} \mathbf{w} - \mathbf{e} $	
Catalan	n u β u ł		n - e w 1 ə	
Walloon				
Friulian	n u: - - 1 - -			
Romanian	n o r		n e g u r ə	
	Fog-Tenebras	Fog-Fumata	Fog-Caecia	Sky
Latin	t - e n - e b r a s	f u: m a: t a	k aj k i a	k - aj l u m
French	t - e n - ε b в - -	f y m e - -		s j ε 1 - -
Spanish	t - i n j e b l a s	f u m a t a		$\theta \mid j \mid e \mid 1 \mid o \mid -$
Italian	t - ε: n - e b r e -	f u m a: t a		tf - ε 1 ο -
PortugueseBrazil		f u m a s e		s - ε w
Portuguese	$\left egin{array}{c c c c c c c c c c c c c c c c c c c $	f u m a s e		s - ε w
Catalan	$t - \vartheta n - e b r \vartheta s$			s - ε 1
Walloon				s - j: R
Friulian		f u m a t e		tf - i: 1
Romanian			ff ea ff - ə	tf - e r - -
	Wind	Snow	Ice	Smoke
Latin	w - e n t u m	n i w e m	g e l u:	Smoke f u m u s
French	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	g e l u: 3 ε l -	f u m u s
French Spanish	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	g e l u: 3 ε l - j e l o	f u: m u s
French Spanish Italian	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	n i w e m n ε 3 n j e b e n e v e -	g e l u: 3 ε l -	f u: m u s - u m o - f u m o -
French Spanish Italian PortugueseBrazil	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	n i w e m n ε 3 n j e b e n e v e - n ε v i -	g e l u: 3 ε l - j e l o	f u: m u s - u m o - f u m o - f u m u -
French Spanish Italian PortugueseBrazil Portuguese	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	g e l u: 3 ε l - j e l o dg ε l o	f u: m u s - u m o - f u m o - f u m u - f u m u -
French Spanish Italian PortugueseBrazil Portuguese Catalan	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	g e l u: 3 ε l - j e l o	f u: m u s - u m o - f u m o - f u m u -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	n i w e m n ε 3 n j e b e n e v e - n ε v i - n e w - n i: v aj -	g e l u: 3 ε l - j e l o dg ε l o	f u: m u s - u m o - f u m o - f u m u - f u m u - f u m u
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	n i w e m n ε 3 n j e b e n e v e - n ε v i - n ε w i - n ε w - n i: v aj - n e: f	g e 1 u: 3 ε 1 - j e 1 o dz ε 1 o	f u: m u s - u m o - f u m o - f u m u - f u m u - f u m u - f u m
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	n i w e m n ε 3 n j e b e n e v e - n ε v i - n ε v i - n e w n i: v aj - n e: f n ea	g e l u: 3 ε l - j e l o d3 ε l ο d3 ε l -	f u: m u s - u m o - f u m o - f u m u - f u m u - f u m f u m
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	w - e n t u m v - α	n i w e m n ε 3 n j e b e n e v e - n ε v i - n e w n i: v aj - n e f - n e a	g e 1 u: 3 ε 1 - j e 1 o dz ε 1 o	f u: m u s - u m o - f u m o - f u m u - f u m u - f u m Road
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	w - e n t u m v - α	n i w e m n ɛ ʒ n j e b e n e v e - n ɛ v i - n e w - n i: v aj - n e: f - n ea Ash k i n e - r e m	g e l u: 3 ε l - j e l o d3 ε l ο d3 ε l -	f u: m u s - u m o - f u m o - f u m u - f u m u - f u m F u
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	w - e n t u m v - α	n i w e m n ε 3 n j e b e n e v e - n ε v i - n e w n i: v aj - n e f - n e a	g e l u: 3 ε l - j e l o d3 ε l ο d3 ε l - Ash-Cinisia	f u: m u s - u m o - f u m o - f u m u - f u m u - f u m F u
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	w - e n t u m v - α	n i w e m n ε 3 n j e b e n e v e - n ε v i - n e w - n i: v aj - n e: f - n ea Ash k i n e - r e m s α - d в	g e l u: 3 ε l - j e l o d3 ε l ο d3 ε l -	f u: m u s - u m o - f u m o - f u m u - f u m u - f u m F u m -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian	w - e n t u m v - a	n i w e m n ɛ ʒ n j e b e n e v e - n ɛ v i - n e w - n i: v aj - n e: f - n ea Ash k i n e - r e m	g e l u: 3 ε l - j e l o o d ε l o o d ε l - d e r - Ash-Cinisia	f u: m u s - u m o - f u m o - f u m u - f u m u - f u m - f u m - F u m - f u m - t u m - i u m u - i u u m u - i u u m u - i u u m u - i u u u u - i u u u u - i u u u u - i u u u u - i u u u u - i u u u u - i u u u u - i u u u u - i u u u u - i u u u u - i u u u u u - i u u u u u - i u u u u u u u u u u u u u u u u u u u
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil	w - e n t u m v - a	n i w e m n ε 3 n j e b e n e v e - n ε v i - n e w - n i: v aj - n e: f - n ea Ash k i n e - r e m s α - d в	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	f u: m u s - u m o - f u m o - f u m u - f u m u - f u m - f u m - f u m - f u m - t u m - v w a b i a v i a v i e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese	w - e n t u m v - a	n i w e m n g g	g e l u: 3 ε l - j e l o o d ε l o o d ε l - d e r - Ash-Cinisia	f u: m u s - u m o - f u m o - f u m u - f u m u - f u m - f u m - F u m - v w a b i a v i a v i e v i e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	w - e n t u m v - α	n i w e m n ε 3 n j e b e n e v i - n e w - - e m s α - d r e - e - e	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	f u: m u s - u m o - f u m o - f u m u - f u m u - f u m - f u m - f u m - f u m - t u m - v w a b i a v i a v i e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	w - e n t u m v - α	n i w e m n g g	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	f u: m u s - u m o - f u m o - f u m u - f u m u - f u m - f u m - F u m - v w a b i a v i a v i e v i e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	w - e n t u m v - α	n i w e m n ε 3 n j e b e n e v i - n e w - - e m s α - d r e - e - e	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	f u: m u s - u m o - f u m o - f u m u - f u m u - f u m - f u m - F u m - v w a b i a v i a v i e v i e

	Road-Strata	Road-Camminus	Mountain	Mountain-Montanea
Latin	- s t r a: t a	k a m m i: n u m	m o n t e m	m o n t a: - n e a
French		$\int \frac{\partial}{\partial t} - \frac{\partial}{\partial t} = \frac{\partial}{\partial t} + \frac{\partial}{\partial t} = \frac{\partial}{\partial t} + \frac{\partial}{\partial t} = $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Spanish	e s t r a d a	k a - m i n o -	m o n t e -	m o n t a - n - a
Italian	- s t r a d a	k a m m i n o -	m o n t e -	m o n t a n n - a
PortugueseBrazil		k a - m î n u -	$\mathbf{m} \left[\begin{array}{cccc} \mathbf{\tilde{o}} & - & \mathbf{tf} & \mathbf{i} \end{array} \right] -$	m õ - t ë - n - e
Portuguese	i f r a ð e	k e - m i n u -	$\mathbf{m} \mid \mathbf{\tilde{o}} \mid - \mid \mathbf{t} \mid \mathbf{i} \mid -$	m o - t e - n - e
Catalan			m u n	m u n t a - n - ə
Walloon				m õ - t a - n
Friulian			m o n t	m o n t a - n e -
Romanian			$\mathbf{m} \mathbf{u} \mathbf{n} \mathbf{t} \mathbf{\varepsilon}$	
	Night	Day	Day-Diurnus	Day-Diurna
Latin	n - o c t e m	d i e: s	d i u r n u m	
French	n y i - - -		3 - u r	
Spanish	n - o - tf e -	d i a -	ď j u r n o -	
Italian	n - o t t e -	d i	dz - o r n o -	
PortugueseBrazil		d i e -	1-9	з э в n a
Portuguese	n - oj t i	d i e -		3 2 K n a
Catalan	n - i - t	d i ə -	3 - o r n	3 0 12 11 4
Walloon	$\begin{vmatrix} \mathbf{n} \\ \mathbf{n} \end{vmatrix} - \begin{vmatrix} \mathbf{r} \\ \mathbf{y} \end{vmatrix} - \begin{vmatrix} \mathbf{t} \\ \mathbf{t} \end{vmatrix} - \begin{vmatrix} \mathbf{r} \\ \mathbf{r} \end{vmatrix}$	dy u:	dz - u:	
Friulian	$ \mathbf{n} - \mathbf{y} - \mathbf{t} - \mathbf{r} $	d i	us - u. - - - -	
Romanian	,	z i		
Nomanian	n - oa p t e -	Year	Nama Naman	Name-Nominem
Latin	Day-Diurnata	a n n u m	Name-Nomen	n o m i n - e m
French			n o: m e n	n o: m i n - e m
	3 - u r n e	$ \tilde{\alpha} - - - $	$ n \tilde{\mathfrak{I}} - - -$	
Spanish	x - o r n a d a	a - n o -		n o m - b r e -
Italian	dg o r n a t a -	a n n o -	n or m e -	
PortugueseBrazil		e - n u -	n o m i -	
Portuguese		e - n u -	n o m i -	
Catalan		a - n - -	n o m	
Walloon		$ \tilde{\mathfrak{a}} - - - -$	n õ - - -	
Friulian	dz - o r n a d e	a - ŋ - -	n o ŋ - -	
Romanian		a n	n u m e -	
	ManMale	ManHuman	Tongue	ToDrink
Latin			1 i n g ^w - a	b i b - e r e
French			$1 \left \tilde{\mathfrak{a}} \right - \left \tilde{\mathfrak{g}} \right - \left - \right $	b w a r -
Spanish	ombre-	ombre	l e ŋ g w a	b e b - e r -
Italian	w or m o	w o: m o -	l i n g w a	b e r e
PortugueseBrazil		o m ej	l î - g w e	рер-евр-
Portuguese	o m ej	o m ej	l î - g w e	b i β - e r -
Catalan	o m ə		1 1	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Walloon	J 111 B - -		1 ẽ - - -	
vvailUUII				p - - @r R -
Eriulian			u n m m	h a :
Friulian	1. - - 1. - -		$\begin{vmatrix} 1 & \epsilon & n & g & -\epsilon \\ 1 & \vdots & \cdots & 1 & -\epsilon \end{vmatrix}$	b e v i
Romanian	b ə r b a t		1 i m b - ə	b - - ea - -

	ToEat	ToEat-Manducare	ToBite	ToBite-Morsicare
Latin	k o m e d e r e	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
French		m a - 3 e	ш - о в q - в -	
Spanish	k o m e r -	mandukar-	m - o r ð e r -	m o - s - k a r -
Italian		mandgare	m - o r d e r e	morsikare
PortugueseBrazil	k o m e	m § - 3 а в -	m - о к d е к -	m u - s ə g a
Portuguese	k u m e r -	$\mathbf{m} \tilde{\mathbf{e}} - \frac{3}{3} - - \mathbf{a} \mathbf{r} - $	m - u r ð e r -	m u - s ə g a r -
Catalan		m ə n ʒ a		$ \mathbf{m} \mathbf{u} - \mathbf{s} \mathbf{\vartheta} \mathbf{v} \mathbf{a} - \mathbf{s} $
Walloon		m a n i:		
Friulian		m a ŋ ɟ a:	m w a r d i	
Romanian		m i n - k a		m u r s e k a
	ToSuck	ToSpit	ToSpit-Exconspuere	ToSpit-Sputare
Latin	s u: g e r e	k o n s p u e r e		- s p u t e r e
French	s y s e	k 5 - s p y e		
Spanish	- J - -	- - F J -	e s k u - p i r	e s p u t a r -
Italian			- - - -	- s p u t a r e
PortugueseBrazil	s u g a r -	k u - s p i в		- P G V G T O
Portuguese	s u g a r	$\begin{vmatrix} k & u \\ k & u \end{vmatrix} - \begin{vmatrix} f & p \\ p & i \end{vmatrix} \cdot f - \begin{vmatrix} f & f \\ p & i \end{vmatrix}$		
Catalan	5 4 9 4 1	K G J P T T	ə s k u - p i -	
Walloon	s y s i: - -			
Friulian	c u c a:			s p u d a:
Romanian	s u dz e		- skujpa-	
rtornaman	ToVomit	ToBlow	ToBreathe	ToLaugh
Latin	womere-	f l a: r e	s p i: r a: r e	r i: d e: r e
French	v o m i r	s u f l e	в е s b i в е	R
Spanish	b o m i t a r -	s o p l a r	respirar-	r e i r
Italian	v o m i t a r e	s o f f j a r e	r e s p i r a r e	r i: d e r e
PortugueseBrazil		sobtar-	ве ріцат-	R I R
Portuguese	v u m i t a r	s u p r a r	Rilbitat	R i t
Catalan	b u m i t a	$ \mathbf{s} \mathbf{u} \mathbf{p} 1 \mathbf{a} 1 $	r ə s p i r a -	r i w r ə -
Walloon	v o: m i		R ε s b i R e	R i: R
Friulian	g o m i t a:		r e s p i r a:	r i d i
Romanian	a v o m i t a		a r e s p i r a -	a r i d e -
TOHIAHIAH	ToSee	ToHear	ToKnow	ToKnow-Sapere
Latin	w i d e: r e	a d i: r e	s k i: r e	s a p - e r e
Latii	w I u c. I c		9 K 1 T C	s a p - c I c
French	v w a в	й t q d в		savwak-
Spanish	b e r	o i r		s a b - e r -
Italian	v e d e: r e	u d i: r e		
PortugueseBrazil		o(s a р - е к -
i ortuguesebiazii	v C B - - -	1 1 1		s a D - C B -
		w		
Portuguese	v e r)		s e b - e r -
Catalan				
Walloon	b e w r ə -	s ə n t i		
	vεji:	o j i:		s a v - ø: R -
Friulian	v j o d i	s i n t i	[C 4 2	s a v - e: - -
Romanian	a v e d ea -	a w z i -	$\int \mathbf{t} \cdot \mathbf{i} - \mathbf{r} $	

	ToKnow-Cognoscere	ToThink	ToThink-Pensare	ToSmell-Sentire
Latin	k o g n o: s k e r e		p e: n s a: r e	s e n t i: r e
French	k σ - n ε - t в	k q - - i d e - -	$\begin{vmatrix} \mathbf{r} & \mathbf{r} & \mathbf{r} & \mathbf{r} & \mathbf{r} \end{vmatrix} = \begin{vmatrix} \mathbf{r} & \mathbf{r} & \mathbf{r} & \mathbf{r} \end{vmatrix}$	s a - t i r -
Spanish	k o - n o θ e r	kw i dar -	p e n s a r -	s e n t i r -
Italian	ko-noffere		p e n s a r e	s e n t i r e
PortugueseBrazil	ko-pes-er-	k - u 3 i t a r -	р g - г a в -	s e - ff i k -
Portuguese	ku-pis-er-	k - u 3 i t a r -	p e - s a r -	s e - t i r -
Catalan	$k u - n \epsilon \int - \vartheta$	k - u - j d a	p ə n s a	s ə n t i
Walloon	k i - n o h		$ \tilde{p} \tilde{\epsilon} - s e - -$	$ s \tilde{\epsilon} - t i - -$
Friulian	k o - n o s - i		p e ŋ s a:	s i n t i:
Romanian	k u - n oa ∫ t e	k - u dz e t a - -	p ə - s a - -	s i m ts i
	ToSmell-Olere	ToSmell-Odorare	ToSmell-Fragrare	ToFear
Latin	o 1 e: r e	o d o: r a: r e	f r a: g r a: r e	t i m e: r e
French			f 1 ε - κ e - -	
Spanish	o 1 e r -			t e m e r -
Italian	o l i r e	o d o r a r e	f r a g r a r e	t e m e r e
PortugueseBrazil			∫ - ej - r a в -	t e m e в -
Portuguese			∫ - ej - r a r -	t i m e r -
Catalan	u l u r a		f 1 ə j r a - -	t e m ə
Walloon				
Friulian				t e m i - -
Romanian				t e m e
	ToFear-Tremere	ToSleep	ToLive	ToDie
Latin	t r e m - e r e	d - o r m i: r e	w i: w e r e	
French		d - 2 R m i R -	v i v - k -	m u k i k -
Spanish	t r e m - e r -	d - o r m i r -	b i b i r -	m o r i r -
Italian	t r e m - a r e	d - o r m i r e	v i v e r e	m o r i r e
PortugueseBrazil	t r e m - e r -	q - o r m i r -	v i v e r -	шоввв -
Portuguese	t r i m - e r -	d - u r m i r -	v i v e r -	т п к е г –
Catalan		d - u r m i - -	$ \mathbf{b} \mathbf{i} \mathbf{w} - \mathbf{r} \mathbf{e} $	m u r i
Walloon		d w a в m i		m o R i
Friulian	. .	1	: :	
Domonica	t r i m - a: - -	d - u r m i:	v i v i	m u r i:
Romanian		d - o r m i	v i - a	m u r i
	ToKill		v i - a ToKill-Tutari	m u r i ToKill-Mactare
Latin	ToKill n - e k a: r e	d - o r m i	v i - a - - ToKill-Tutari t u: - t a: r i	ToKill-Mactare m a k t a: r e
Latin French	ToKill	d - o r m i ToKill-Adnecare	v i - a ToKill-Tutari	ToKill-Mactare m a k t a: r e m a - t e
Latin French Spanish	ToKill n - e k a: r e	d - o r m i ToKill-Adnecare	v i - a - - ToKill-Tutari t u: - t a: r i	ToKill-Mactare m a k t a: r e
Latin French Spanish Italian	ToKill n - e k a: r e	d - o r m i ToKill-Adnecare	v i - a - - ToKill-Tutari t u: - t a: r i	m u r i ToKill-Mactare m a k t a: r e m a - t e m a - t a r -
Latin French Spanish Italian PortugueseBrazil	ToKill n - e k a: r e	d - o r m i ToKill-Adnecare	v i - a - - ToKill-Tutari t u: - t a: r i	Tokill-Mactare m a k t a: r e m a - t e m a - t a r -
Latin French Spanish Italian PortugueseBrazil Portuguese	ToKill n - e k a: r e n w aj e	d - o r m i ToKill-Adnecare	v i - a - - ToKill-Tutari t u: - t a: r i	m u r i ToKill-Mactare m a k t a: r e m a - t a r - m a - t a r - m e - m e - t a r - m e - t a r - m e - m e - t a r - m e - m e - m e - m e - m e - m e - m e - m e - m e -
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	ToKill n - e k a: r e	d - o r m i ToKill-Adnecare	v i - a - -	Tokill-Mactare m a k t a: r e m a - t e m a - t a r -
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	ToKill n - e k a: r e n w aj e	d - o r m i ToKill-Adnecare	v i - a - - ToKill-Tutari t u: - t a: r i	m u r i -
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	ToKill n - e k a: r e n w aj e	d - o r m i ToKill-Adnecare	v i - a - -	m u r i ToKill-Mactare m a k t a: r e m a - t a r - m a - t a r - m e - m e - t a r - m e - t a r - m e - m e - t a r - m e - m e - m e - m e - m e - m e - m e - m e - m e -

	ToKill-Occidere	ToFight	ToFight-Battuere	ToHunt-Captiare
Latin	o k k i: d e r e	p u g n a: r e	b a t t u e r e	k a p t i a: r e
French	э k s i в -		b a t B	$\int a - s - e - $
Spanish		pu-nar-	ba-t-ir-	k a - θ - a r -
Italian	u t tf i d e r e	p u p p a r e	batt-ere	k a t tf - a r e
PortugueseBrazil	3 1 1 1	1 13 13 1	b a - t - e в -	k a - s - a в -
Portuguese			b e - t - e r -	k e - s - a r -
Catalan	u k s i	p u - p a - -	ba-t-rə	k ə - s - a
Walloon		I W J- W	b a t - e	$ t \epsilon - s - i - -$
Friulian			b a t - i	c a - tf - a:
Romanian	u - tf i d e		b a t - e	
	ToHit	ToCut	ToCut-Curtare	ToCut-Excurtare
Latin	p u 1 s a: r e	s - e k a: r e	k u r t a: r e	e k s k u r t a: r e
French	p u - s e	s j e		e k u в t e
Spanish	p u - x a r -	s - e g a r -	kortar-	
İtalian	p u l s a r e	s - e g a r e		- - s k o r t a r e
PortugueseBrazil		s - е g а в -	k o r t a r -	
Portuguese	$p \mid u \mid - \int_{0}^{3} a \mid f \mid -$	s - i y a r -	kurtar-	
Catalan	1	$ \mathbf{s} - \mathbf{a} \mathbf{v} \mathbf{a} - \mathbf{a} $		
Walloon				
Friulian	p u 1 s a: - -	s - e - a:		- - s k u r t a: - -
Romanian	p u 1 s a			s k u r t a
		T- C-14	Ta Culit Cainalana	T. O. III Fin dem
	ToCut-Taliare	ToSplit	ToSplit-Scindere	ToSplit-Findere
Latin	t a: - 1 i a: r e	d i: w i d e r e	s k i n d e r e	f i n d e r e
Latin French		d i: w i d e r e		
	t a: - 1 i a: r e t a j - e e t a - x - a r -		$ \begin{vmatrix} s & k & i & n & d & e & r & e \\ s & - & \tilde{\epsilon} & - & d & e & - & - \end{vmatrix} $	f i n d e r e f a - d - s - - e n d e r -
French Spanish Italian	t a: - 1 i a: r e t a j e	d i w i d e r e d i b i d i r - d i v i d e r e	s k i n d e r e	f i n d e r e f a - d - в - - e n d e r - f ε n d e r e
French Spanish	t a: - 1 i a: r e t a j - e e t a - x - a r -	d i: w i d e r e	$ \begin{vmatrix} s & k & i & n & d & e & r & e \\ s & - & \tilde{\epsilon} & - & d & e & - & - \end{vmatrix} $	f i n d e r e f ã - d - в - - e n d e r - f є n d e r e f ẽ - d e в -
French Spanish Italian PortugueseBrazil Portuguese	t a: - 1 i a: r e t a j e t a - x - a r - t a - \lambda \lambda a: r e	d i: w i d e r e d i b i d i r - d i v i d e r e d i v i d i k - d i v i ŏ i r -	$ \begin{vmatrix} s & k & i & n & d & e & r & e \\ s & - & \tilde{\epsilon} & - & d & e & - & - \end{vmatrix} $	f i n d e r e f ã - d - в - e n d e r - f ẽ - d e в - f ẽ - d e r -
French Spanish Italian PortugueseBrazil Portuguese Catalan	t a: - 1 i a: r e t a - x - a r - t a - x - a r - t a - x - a r - t a - x - a r - t a - x - a r -	d i: w i d e r e d i b i d i r - d i v i d e r e d i v i d i k -	$ \begin{vmatrix} s & k & i & n & d & e & r & e \\ s & - & \tilde{\epsilon} & - & d & e & - & - \end{vmatrix} $	f i n d e r e f ã - d - в - e n d e r - f ẽ - d e в - f ẽ - d e r - f ẽ n d - r ə
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	t a: - 1 i a: r e t α j e t a - x - a r - t a - λ λ a: r e t a - λ - a r - t e - λ - a r - t e - λ - a r - t e - λ - a r - t e - λ - a	d i w i d e r e d i v i d e r e d i v i d e r e d i v i d i r - d i v i d i r - d i b i d i - -	$ \begin{vmatrix} s & k & i & n & d & e & r & e \\ s & - & \tilde{\epsilon} & - & d & e & - & - \end{vmatrix} $	f i n d e r e f ã - d - в - e n d e r - f ẽ - d e в - f ẽ - d e r -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	t a: - 1 i a: r e t α j e t a - x - a r - t a - λ λ a: r e t a - λ - a r - t e - λ - a r - t e - λ - a r - t ε j i: t a j a: -	d i w i d e r e d i b i d i r - d i v i d i r -	$ \begin{vmatrix} s & k & i & n & d & e & r & e \\ s & - & \tilde{\epsilon} & - & d & e & - & - \end{vmatrix} $	f i n d e r e f ã - d - в - e n d e r - f ẽ - d e в - f ẽ - d e r - f ẽ n d - r ə
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	t a: - 1 i a: r e t α j e t a - x - a r - t a - λ λ a: r e t a - λ - a в - t ε - λ - a г - t ε - j i: - t a - j a: - t ε j a: -	d i w i d e r e d i b i d i r - d i v i d e r e	$ \begin{vmatrix} s & k & i & n & d & e & r & e \\ s & - & \tilde{\epsilon} & - & d & e & - & - \end{vmatrix} $ $ \int - i n d e r e $	f i n d e r e f ã - d - в e n d e r - f є n d e r e f ẽ - d e в - f є n d - r ə f є n d - r ə f є n d - r -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	t a: - 1 i a: r e t a j e t a - x - a r - t a - k k a: r e t a - k - a r - t e - k - a r - t e - j i: t a - j a: - Tosplit-Partire	d i: w i d e r e e d i r - d i r - e d i v i d i r - d i v i d i -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	f i n d e r e f ã - d - в e n d e r - f ɛ n d e r e f ẽ - d e в - f ẽ n d - r ə f ɛ n d - r ə f ɛ n d - r ə
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	t a: - 1 i a: r e t a j e t a - x - a r - t a - k k a: r e t a - k - a r - t e - k - a r - t e - j i: - t a - j a: - ToSplit-Partire p a r t i: r e	d i: w i d e r e	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	f i n d e r e f ã - d - s e n d e r - f ɛ n d e r e f ẽ - d e s - f ɛ n d - r ə f ɛ n d - r ə f ɛ n d - r ə f ɛ u g u l a: r e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	t a: - 1 i a: r e t a j - e t a - x - a r - t a - k k a: r e t a - k - a r - t e - k - a r - t e - j i: - t a - j a: - ToSplit-Partire p a r t i: r e p a k t i k -	d i: w i d e r e d i b i d i r - d i v i d e r e d i v i d i r - d i v i d i r - d i v i d i r - d i v i d i r - d i v i d i r - ToSplit-Separare s e: p a r a: r e - s ə - v в e	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	f i n d e r e f ã - d - в e n d e r - f ɛ n d e r e f ẽ - d e в - f ẽ n d - r ə f ɛ n d - r ə f ɛ n d - r -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	t a: - 1 i a: r e t α j e t a - x - a r - t a - λ λ a: r e t a - λ λ - a в - t θ - λ - a r - t θ - λ - a r - t θ - λ - a r - t θ - λ - a r - t θ - j i: t a j a: t θ j a ToSplit-Partire p a r t i: r e p a в t i в - p a r t i r -	d i: w i d e r e d i b i d i r - d i v i d e r e d i v i d i r - d i v i d i r - d i v i d i r - d i v i d i - ToSplit-Separare s e: p a r a: r e - s e p a r a r - s e a r a r -	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	f i n d e r e f ã - d - в e n d e r - f ɛ n d e r e f ẽ - d e в - f ɛ n d - r ə f ɛ n d - r ə f ɛ n d - r ə g y g y l e -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian	t a: - 1 i a: r e t α j e t a - x - a r - t a - λ λ a: r e t a - λ λ a: r e t a - λ - a r - t a - λ - a r - t a - λ - a r - t a - j a: - t a - i j a ToSplit-Partire p a r t i: r e p a r t i r - p a r t i r e	d i: w i d e r e d i b i d i r - d i v i d e r e d i v i d i r - d i v i d i r - d i v i d i r - d i v i d i - ToSplit-Separare s e: p a r a: r e - s e p a r a r e - s e p a r a r e -	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	f i n d e r e f ã - d - в e n d e r - f ɛ n d e r e f ẽ - d e в - f ɛ n d - r ə f ɛ n d - r ə f ɛ n d - r ə f ɛ u g u l a: r e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil	t a: - 1 i a: r e t α j e - t a - κ - a r - t a - κ - a r - t a - κ - a r - t α - κ - a r - t α - κ - a r - t α - κ - a r - t α - γ - a r - t α - γ - a r - t α - γ - a r - t α - γ - a r - t α - γ - j α Tosplit-Partire p a r t i r e p a r t i r e p a r t i r e p a r t i r e	d i: w i d e r e d i b i d i r - d i v i d e r e d i v i d i r - d i v i d i r - d i v i d i r - d i v i d i - ToSplit-Separare s e: p a r a: r e - s e p a r a r e - s e p a r a r e - s e p a r a r e - s e p a r a r e -	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	f i n d e r e f ã - d - в e n d e r - f ɛ n d e r e f ẽ - d e в - f ɛ n d - r ə f ɛ n d - r ə f ɛ n d - r ə g y g y l e -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese	t a: - 1 i a: r e t α j e - t a - κ - a r - t a - κ - a r - t a - κ - a r - t a - κ - a r - t a - κ - a r - t a - γ - a r - t a - γ - a r - t a - γ - a r - t a - γ - g a Tosplit-Partire p a r t i r e p a r t i r e p a r t i r e p a r t i r e p a r t i r e	d i: w i d e r e d i b i d i r - d i v i d e r e d i v i d i r - d i v i d i r - d i v i d i r - d i v i d i - ToSplit-Separare s e: p a r a: r e - s e p a r a r e - s e p a r a r e - s e p a r a r - s e p a r a r -	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	f i n d e r e f ã - d - в e n d e r - f ɛ n d e r e f ẽ - d e в - f ɛ n d - r ə f ɛ n d - r ə f ɛ n d - r ə g y g y l e -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	t a: - 1 i a: r e t a j - e - t a - x - a r - t a - k k a: r e t a - k k a: r e t a - k - a r - t b - k - a r - t a - j i: - t a - j a: - t a - j a: - Tosplit-Partire p a r t i: r e p a r t i: r e p a r t i r e p a r t i r e p a r t i r e p a r t i r e p a r t i r - p a r t i r - p a r t i r - p a r t i r - p a r t i r - p a r t i r - p a r t i r - p a r t i r -	d i: w i d e r e d i b i d i r - d i v i d e r e d i v i d i r - d i v i d i r - d i v i d i r - d i v i d i - ToSplit-Separare s e: p a r a: r e - s e p a r a r e - s e p a r a r e - s e p a r a r e - s e p a r a r e -	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	f i n d e r e f ã - d - в e n d e r - f ɛ n d e r e f ẽ - d e в - f ɛ n d - r ə f ɛ n d - r ə f ɛ n d - r ə g y g y l e -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	t a: - 1 i a: r e t a j - e t a - k - a r - t a - k - a r - t a - k - a r - t a - k - a r - t a - k - a r - t a - j a: - t a - j a: - Tosplit-Partire p a r t i: r e p a r t i: r e p a r t i r e p a r t i r e p a r t i r - p a r t i r - p a r t i r - p a r t i r - p a r t i r - p a r t i r - p a r t i r - p a r t i r - p a r t i r - p a r t i r - p a r t i r - p a r t i r - p a r t i r - p a r t i r - p a r t i r - p a r t i r - p a r t i r - p a r t i r -	d i: w i d e r e	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	f i n d e r e f ã - d - в e n d e r - f ɛ n d e r e f ẽ - d e в - f ɛ n d - r ə f ɛ n d - r ə f ɛ n d - r ə g y g y l e -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	t a: - 1 i a: r e t a j - e - t a - x - a r - t a - k k a: r e t a - k k a: r e t a - k - a r - t b - k - a r - t a - j i: - t a - j a: - t a - j a: - Tosplit-Partire p a r t i: r e p a r t i: r e p a r t i r e p a r t i r e p a r t i r e p a r t i r e p a r t i r - p a r t i r - p a r t i r - p a r t i r - p a r t i r - p a r t i r - p a r t i r - p a r t i r -	d i: w i d e r e d i b i d i r - d i v i d e r e d i v i d i r - d i v i d i r - d i v i d i r - d i v i d i - ToSplit-Separare s e: p a r a: r e - s e p a r a r e - s e p a r a r e - s e p a r a r - s e p a r a r -	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	f i n d e r e f ã - d - в e n d e r - f ɛ n d e r e f ẽ - d e в - f ɛ n d - r ə f ɛ n d - r ə f ɛ n d - r ə g y g y l e -

	ToScratch	ToScratch-Rasare	ToScratch-Rasicare	ToScratch-Coctiare
Latin	r a: d e r e			
French		в а z е		
Spanish	r a - e r -	r a s a r -	r a s k a r	
Italian	r a d e r e	r a s a r e		
PortugueseBrazil	ва - ев -	в а z а в -	ва I ka в	k o s a 1
Portuguese	R B - 6 L -	R B Z a L -	в в р ка t	k u s a r
Catalan	r a w - r ə	r ə z a	r ə s k a -	
Walloon				
Friulian	r a d a:	r a s a:		
Romanian	r a d e			
	ToDig	ToDig-Cavare	ToDig-Excavare	ToSwim
Latin	f o d e r e	k a w a: r e	e k s k a w a: r e	n - a t a: r e
French	$ \mathbf{f} \mathbf{m} \mathbf{i} \mathbf{R} - -$			
Spanish		kabar-	e s k a b a r	n - a d a r -
Italian		k a v a r e	- s k a v a r e	n w o t a r e
PortugueseBrazil		k s v a r -	i -	п - а ф а в -
Portuguese		k e v a r -	$ \mathbf{i} - \int \mathbf{k} \mathbf{e} \mathbf{v} \mathbf{a} \mathbf{r} -$	n - e ð a r -
Catalan		k ə b a		n - ə d a - -
Walloon		ç a: v - 1 e		
Friulian Romanian		f a v a: - -	- - z ƒ a v a: - -	n - a d a: - -
Romanian				
Comanian	T. O. der Mandaran	T. EL.	T. El. E l	T - \A/ - II -
	ToSwim-Navigare	ToFly	ToFly-Exvolare	ToWalk
Latin	n a v i g a: r e	w o l a: r e	ToFly-Exvolare	
Latin French	n a v i g a: r e n a 3 e	w o l a: r e v o l e	ToFly-Exvolare	$\int \partial m i n e - - -$
Latin French Spanish	n a v i g a: r e n a 3 e n a b e g a r -	w o 1 a: r e v o 1 e b o 1 a r -		
Latin French Spanish Italian	n a v i g a: r e n a 3 e n a b e g a r - n a v i g a r e	w o l a: r e v o l e - -	ToFly-Exvolare	
Latin French Spanish Italian PortugueseBrazil	n a v i g a: r e n a b e g a r - n a v i g a r e n a v i y a в -	w o l a: r e v o l a r e v o l a r e v o l a r e v o - a k -		S m i n e -
Latin French Spanish Italian PortugueseBrazil Portuguese	n a v i g a: r e n a v i g a r e n a v i g a r e n a v i y a r - n v v i y a r -	w o l a: r e v o l a r e v o l a r e v o a k - v w - a r - v w -		S m i n e -
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	n a v i g a: r e n a 3 e n a b e g a r - n a v i g a r e n a v i y a r - n e v i y a r - n b b b g a	w o l a: r e v o l a r e v o l a r e v o a r e v w - a r - b u l a		S m i n e -
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	n a v i g a: r e n a 3 e n a b e g a r - n a v i g a r e n a v i y a r - n v i y a r - n b b g a n b b d g a n c d i: -	w o l a: r e v o l a r e v o l a r e v o a k - v w - a r - v w -	z v o 1 a r e	S m i n e -
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	n a v i g a: r e n a 3 e n a b e g a r - n a v i g a r e n a v i y a r e n e v i y a r - n b b b g a n b b b g a n c - d i: - n a v i g a: -	w o l a: r e v o l a r e v o l a r e v o a r e v w - a r - b u l a	z v o 1 a r e	S m i n e -
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	n a v i g a: r e n a 3 e n a b e g a r - n a v i g a r e n a v i y a r - n v i y a r - n b b g a n b b d g a n c d i: -	w o l a: r e v o l a r e v o l a r e v o a r e v w - a r - b u l a	z v o 1 a r e	S m i n e -
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	n a v i g a: r e n a 3 e n a b e g a r e n a v i g a r e n a v i y a s - n e v i y a r - n a v i g a n a v i g a: - n a v i g a: - n a v i g a: - Towalk-Marcher	w o l a: r e v o l e b o l a r - v o l a r e v o - a B - v w - a r - b u l a v o l e	z v o 1 a r e	S m i n e -
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	n a v i g a: r e n a 3 e n a b e g a r - n a v i g a r e n a v i γ a в - n ε v i γ a r - n b b b g a n ε d; i: - n a v i g a n a v i g a: -	w o l a: r e v o l e	z v o l a r e z v o l a:	S m i n e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	n a v i g a: r e n a 3 e n a v i g a r e n a v i y a r - n a v i y a r - n a v i y a r - n a v i g a n a v i g a n a v i g a: - n a v i g a: - n a v i g a: - Towalk-Marcher	w o l a: r e v o l e b o l a r e v o r a r e v o - a s - v w - a r - b u l a - - v v z l e - -	z v o l a r e z v o l a z b u r a ToWalk-Ambitare	S
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian	n a v i g a: r e n a 3 e n a v i g a r e n a v i y a r - n a v i y a r - n a v i y a r - n a v i g a n a v i g a n a v i g a: - n a v i g a: - n a v i g a: - Towalk-Marcher	w o l a: r e v o l e	z v o l a r e z v o l a:	S m i n e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil	n a v i g a: r e n a 3 e n a v i g a r e n a v i y a r - n a v i y a r - n a v i y a r - n a v i g a n a v i g a n a v i g a: - n a v i g a: - n a v i g a: - Towalk-Marcher	w o l a: r e v o l e b o l a r e v o r a r e v o - a s - v w - a r - b u l a - - v v z l e - -	z v o l a: z b u r a ToWalk-Ambitare a m b i t a: r e a n d a r e v o l a: z b u r a z b u r a z b u r a z b u r a r e v o l a: r e	S m i n e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese	n a v i g a: r e n a 3 e n a v i g a r e n a v i y a r - n a v i y a r - n a v i y a r - n a v i g a n a v i g a n a v i g a: - n a v i g a: - n a v i g a: - Towalk-Marcher	w o l a: r e v o l e b o l a r e v o r a r e v o - a s - v w - a r - b u l a - - v v z l e - -	z v o l a r e z v o l a:	S m i n e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	n a v i g a: r e n a 3 e n a v i g a r e n a v i γ a в - n v i γ a β a r n v i γ a β a r n v i γ a β a n a v i g a n a v i g a n a v i g a n a v i g a n a v i g a n a v i g a n a v i g a n a v i g a	w o l a: r e v o l e b o l a r e v o r a r e v o - a s - v w - a r - b u l a - - v v z l e - -	z v o l a: z b u r a ToWalk-Ambitare a m b i t a: r e a n d a r e v o l a: z b u r a z b u r a z b u r a z b u r a r e v o l a: r e	S m i n e -
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	n a v i g a: r e n a 3 e n a v i g a r e n a v i y a r - n a v i y a r - n a v i y a r - n a v i g a n a v i g a n a v i g a: - n a v i g a: - n a v i g a: - Towalk-Marcher	w o l a: r e v o l e	z v o l a: z b u r a ToWalk-Ambitare a m b i t a: r e a n d a r e v o l a: z b u r a z b u r a z b u r a z b u r a r e v o l a: r e	S m i n e -
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	n a v i g a: r e n a 3 e n a v i g a r e n a v i γ a в - n v i γ a β a r n v i γ a β a r n v i γ a β a n a v i g a n a v i g a n a v i g a n a v i g a n a v i g a n a v i g a n a v i g a n a v i g a	w o l a: r e v o l e	z v o l a: z b u r a ToWalk-Ambitare a m b i t a: r e a n d a r e v o l a: z b u r a	S m i n e -

	ToLieAsInABed	ToLieAsInABed-lacere	ToSit	ToSit-Sedentare
Latin	e k s t e n d e r e		s - e d e: r e	s e d e n t a: r e
French	$ e - t \tilde{\alpha} - d - \mathfrak{k} - -$	3 e - z i k -	s w a r - r -	
Spanish	e k s t e n d e r -	j a - θ e r -	s - e r -	s e - - n t a r -
Italian	$e - s t \epsilon n d e r e$	dga - tfe: re	s - e d e r e	
	i s t ē - d e r	3 в - х е в -	8 - 6 8 -	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $
Portuguese	$i \int t \tilde{e} - d e r - $	3 e - z e r -	s - e r -	s e - - t a r -
Catalan	ə - s t e n d - r ə	3 a w r ə		
Walloon		dz e r e -		
Friulian		j e - s i - -		s e n t a:
Romanian	e k s t i n d e	z ə - tf ea	∫ - e d ea - -	
	ToStand	ToStand-Levare	ToStand-Altiare	ToTurnIntransitive
Latin	- s t a: r e	l e v a: r e	- a 1 t i a: r e	t o r n a: r e
French	ε - t - κ -	1 ə v e	- o - s - e	t u r n e
Spanish	e s t a r -	j e b a r -	- a 1 θ - a r -	tornar-
Italian	- s t a r e	l e v a r e	- a 1 ts a r e -	t o r n a r e
PortugueseBrazil	$\mathbf{i} \int \mathbf{r} \mathbf{a} \mathbf{r}$	1 e v a в -	- a 1 s - a	t o r u a r -
Portuguese	i	l i v a r -	- a 1 s - a r -	t u r n a r -
Catalan	ə s t a	б э b a	- ə 1 s - a - -	t u r n a - -
Walloon	ε s - - -	1 ə v e	h o: - s - i: - -	t u: r n e
Friulian	- s t a:	1 e v a:	- a 1 t 5 - a: -	t o r n a:
Romanian	- s t a	1 - u a		t u r n a - -
	ToTurnIntransitive-	ToTurnIntransitive-	ToTurnIntransitive-	ToFall
	Gyrare	AncestralClass3	Torquere	
Latin	g y r a: r e		t o r k ^w e: r e	k - a d e r e
French	3 і в е	v i	t э в d - в -	$\int \mathbf{w} \mathbf{a} - \mathbf{r} \mathbf{k} -$
Spanish	x i r a r -	b i r a r -	toreer	k - a - e r -
Italian	фігаге	v i r a r e	t orfere	k - a d e r e
PortugueseBrazil		v i r a r -	t u r s e r -	k - g - i r -
Portuguese	g i r a r -	girar-	t u r s e r -	k - e - i -
Catalan	3 i r a - -	b i r a	t 2 r s 2 - -	k - a w - r ə
Walloon		v i в е - -		tf - ε: - - R -
Friulian	dg i r a: - -	dg i r a:		tf j a d e - -
Romanian			t oa r tf e	k ə d ea
	ToFall-Tumbare	ToGive	ToGive-Donare	ToHold
Latin		d a r e	d o n a r e	t e n - e: r e
French	t o - b e -		d o n e - -	t 9 n - i r -
Spanish	t u m b a r	dar -	d o n a r -	t e n - e r -
Italian		d a r e	d o n a r e	t e n - e r e
PortugueseBrazil		d a в -	d o - a	t e r
Portuguese	t õ - b a r	dar-	d u - a r -	t e r -
Catalan	t u m b a -	dar-	d u n a	t ə n - i - -
Walloon	t u m - e -		d i n e	t i n - i - -
Friulian		d a:		t i n j i
Romanian		d a		ts i n - e

	ToHold-Segurar	ToSqueeze	ToSqueeze-Serrere	ToSqueeze-Serare
Latin	·	e k s p r i m - e r		s e - r a r e
French		$\mid e \mid$ - \mid - $\mid b \mid$ R $\mid \varepsilon \mid$ - $\mid q \mid$ - \mid R \mid		s e - в е
Spanish	s e g u r a r	eksprem-ir	se-rar-	θ e - r a r -
Italian		- - s p r ε m - e r	•	s e r r a r e
PortugueseBrazil	s i q u r a r	i -	- s e - r a - -	s і - в а г -
Portuguese	s i y u r a r	$\begin{vmatrix} \mathbf{i} & - & \mathbf{j} & \mathbf{p} & \mathbf{r} & \mathbf{a} & \mathbf{m} & - & \mathbf{e} & \mathbf{r} \end{vmatrix}$	sə - Rar -	s i - k a r -
Catalan		ə - s p r e m - ə -	s ə - r a	
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		
	ToSqueeze-	ToSqueeze-Stringere	ToRub	ToRub-Exfricare
	Appectorare	, ,		
Latin	a p p e k t o r a: r	e- s t r i n g e r e		
French		$\mid e \mid$ - $\mid t \mid$ $\mid \epsilon \mid$ $\mid \epsilon \mid$ - $\mid q \mid$ - $\mid r \mid$ -	f B Ej e - - -	
Spanish	a - p r e t a r	estrepi-ir-	fregar-	
Italian	· · · · ·	- s t r i n dz e r e		
PortugueseBrazil	e - p i - r - t a r	$\begin{vmatrix} \mathbf{a} \\ \mathbf{f} \end{vmatrix} \mathbf{f} \begin{vmatrix} \mathbf{r} \\ \mathbf{i} \end{vmatrix} - \begin{vmatrix} \mathbf{g} \\ \mathbf{g} \end{vmatrix} \mathbf{i} \begin{vmatrix} \mathbf{r} \\ \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{g} \\ \mathbf{g} \end{vmatrix} \mathbf{i} \begin{vmatrix} \mathbf{r} \\ \mathbf{g} \end{vmatrix} = -\frac{1}{2} \begin{vmatrix} \mathbf{g} \\ \mathbf{g} \end{vmatrix} \mathbf{i} \end{vmatrix} \mathbf{i} \begin{vmatrix} \mathbf{g} \\ \mathbf{g} \end{vmatrix} \mathbf{i} \begin{vmatrix} \mathbf{g} \\ \mathbf{g} \end{vmatrix} \mathbf{i} \end{vmatrix} \mathbf{i} \begin{vmatrix} \mathbf{g} \\ \mathbf{g} \end{vmatrix} \mathbf{i} \begin{vmatrix} \mathbf{g} \\ \mathbf{g} \end{vmatrix} \mathbf{i} \end{vmatrix} \mathbf{i} \end{vmatrix} \mathbf{i} \begin{vmatrix} \mathbf{g} \\ \mathbf{g} \end{vmatrix} \mathbf{i} \end{vmatrix} \mathbf{i} \end{vmatrix} \mathbf{i} \begin{vmatrix} \mathbf{g} \\ \mathbf{g} \end{vmatrix} \mathbf{i} $		$ \mathbf{i} \int \mathbf{f} \mathbf{r} \mathbf{i} g \mathbf{a} \mathbf{r}$
Portuguese	$ \begin{vmatrix} \mathbf{e} & - & \mathbf{p} & \mathbf{i} & - & \mathbf{f} & - & \mathbf{t} & \mathbf{a} & \mathbf{f} \\ \mathbf{e} & - & \mathbf{p} & \mathbf{i} & - & \mathbf{f} & - & \mathbf{t} & \mathbf{a} & \mathbf{f} \\ \end{vmatrix} $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		i∫friγar
Catalan		ə s t r ε n ə	f r ə g a	
Walloon		s t r i n g e		
Friulian		s t r ε n g i:		
Romanian		s t r i n d e		
	ToRub-Frictare	ToRub-Frictiare	ToWash	ToWipe
Latin	f r i k t a: r e		1 a w a: r e	t e r g e r e
French	f B O T E - - -		1 a v e	
Spanish	f r o t a r	f r i s a r	1 a β a r -	
Italian	f r e t t a r e		l a v a r e	t ε r dz e r e
PortugueseBrazil			1 e v a r -	
Portuguese			1 v v a r -	
Catalan		f r ə s a -	А э b a	
Walloon	f B o t e - - -		1 a v e	
Friulian			1 a v a:	
Romanian			1 a	
	ToWipe-Extergere	ToWipe-Exsucare	ToWipe-Limpidare	ToPull
Latin	ekstergere		1 i m p i d a: r e	t i r a: r e
French		e - s u i - i e - -	1	t i
Spanish	e - s t a r s i r -	e n x - u g - a r -	1 i m p j - a r -	t i r a r -
Italian		$\begin{vmatrix} a & f & f \end{vmatrix} - \begin{vmatrix} u & g & - a \end{vmatrix} + \begin{vmatrix} u & g & -a \end{vmatrix}$	1 1 1 3 1 1 1 1	t i r a r e
PortugueseBrazil		$\begin{bmatrix} \tilde{e} \\ - \end{bmatrix} \begin{bmatrix} - \\ u \end{bmatrix} \begin{bmatrix} g \\ - \end{bmatrix} \begin{bmatrix} a \\ c \end{bmatrix} \begin{bmatrix}$	1 î - p - - a r -	tf i r a
Portuguese		$\begin{bmatrix} \tilde{e} \\ - \end{bmatrix} \begin{bmatrix} - \\ u \end{bmatrix} \begin{bmatrix} u \\ \gamma \end{bmatrix} \begin{bmatrix} - \\ a \end{bmatrix} \begin{bmatrix} - \\ a \end{bmatrix} \begin{bmatrix} - \\ \gamma \end{bmatrix} \begin{bmatrix} - \\ a \end{bmatrix} \begin{bmatrix} - \\ \gamma \end{bmatrix} \begin{bmatrix}$	$egin{array}{c c c c c c c c c c c c c c c c c c c $	t i r a r -
Catalan		$\begin{vmatrix} \mathbf{a} & \mathbf{b} \\ \mathbf{a} \end{vmatrix} - \begin{vmatrix} \mathbf{b} \\ \mathbf{c} \end{vmatrix} - \begin{vmatrix} \mathbf{c} \\ \mathbf{u} \end{vmatrix} \begin{vmatrix} \mathbf{c} \\ \mathbf{g} \end{vmatrix} \begin{vmatrix} \mathbf{a} \end{vmatrix} - \begin{vmatrix} \mathbf{c} \\ \mathbf{c} \end{vmatrix} - \begin{vmatrix} \mathbf{c} \\ \mathbf{c} \end{vmatrix}$	F	t i r a
		a u u a		
	ə - s t ə r ʒ i - -			
Walloon	ə - s t ə r ʒ 1 - -	- - s - u - w e - -		t i r e - -
	\(\phi \ - \ s \ t \ \(\phi \ r \ \(\frac{1}{3} \ 1 \ - \ - \ - \ \ \ \ t \ \ e \ r \ \ \ d_2 \ e \ - \ - \			

	ToPull-Pulsare	ToPull-Trahere	ToPush	ToThrow
Latin	p u 1 s a: r e	t r a h e r e	i m p i n g e r e	j a k t a: r e
French	p u - s e	t R - - ε R -		3 ə - t e
Spanish	p u - x a r -			- e - tf a r -
Italian	p u l s a r e	t r a r - r e	i m p i n d e r e	dz e t t a r e
PortugueseBrazil		t r a z e	F F -5 - -	g ej t a r
Portuguese	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	t r g z e r -		3 ej t a r
Catalan	P C	t r e w - r ə	$ \mathfrak{d} \mathbf{m} \mathfrak{p} \mathfrak{e} \mathfrak{g} - \mathfrak{d} - \mathfrak{d} $	x i t a
Walloon	p u: s i: - - -			dg ε t e
Friulian	p u 1 s a:	t r aj - - -		
Romanian	p u 1 s a	t r a dz e	i m p i n d e	
	ToThrow-Lanceare	ToThrow-Eruncare	ToTie	ToTie-Aptare
Latin	l a n k e a: r e	e: - r u n k a: r e	l i g a: r e	a p t a: r e
French	1 a - s - e		1 i - e	1
Spanish	1 a n θ - a r -	a - r a n k a r -	legar-	a - t a r -
Italian	lantfare-	arrontfare	l e g a r e	
PortugueseBrazil	$1 \begin{vmatrix} \tilde{e} \\ - \end{vmatrix} - \begin{vmatrix} s \\ - \end{vmatrix} a \begin{vmatrix} - \\ - \end{vmatrix} - \begin{vmatrix} - \\ - \end{vmatrix}$		1 1 3 1 3 1 1 1 1	e - t a r -
Portuguese	1 e - s - a r -			e - t a r -
Catalan	$\Lambda \mid \vartheta \mid n \mid s \mid - \mid a \mid - \mid - \mid$		λ i y a - -	101111111
Walloon	1 a n c - i:		1 o j i:	
Friulian	1 a n tf a:		1 e - a:	
Romanian	, , . , , , , , , , , , , , , , , , , , , ,	a - r u ŋ k a	1 e g a	
	ToSew	ToCount	ToCount-Enumerare	ToSay
Latin	k o: n - s u e r e	k o m p u t a: r e	e: n u m e r a: r e	d i: k e r e
French	k u - d r -	k õ t e	е n u m е в е	d i в -
Spanish	k o s - e r -	k o n t a r -	e n u m e r a r -	d e θ i r -
Italian	k u tf - i r e	k o n t a r e	e n u m e r a r e	d i r e
PortugueseBrazil		k õ t a r -	e n u m e r a r -	d i z - e r
Portuguese	k u z - e r -	k õ t a r -	e n u m e r a r -	d i z - e r
Catalan	k u z - i	k u m t a	e n u m e r a	d i
Walloon	k ø: z	k õ t e		q i: R -
Friulian	k u z i	k o n t a:		d i:
Romanian	c oa s - e		- n u m a r a	z i tf e
	ToSay-Exponere	ToSing-AncestralClass		ToPlay-Jiocare
Latin	e k s p o n e r e	k a n t a: r e	1 u: d e r e	j o - k a: r e
French		$\int \left \tilde{\alpha} \right - \left t \right e \left - \right -$		3 - w - e
Spanish		k a n t a r -	1 u d i r -	x u - g a r -
Italian	- - s p o r - r e	k a n t a r e		dg o - k a r e
PortugueseBrazil		k e - t a r -		3 o - g a r -
Portuguese		k e - t a r -		3 u - y a r -
Catalan		k ə n t a		3 u - g a
Walloon		$ \mathfrak{t} \mathfrak{a} - \mathfrak{t} \mathfrak{e} - \mathfrak{e} $		dz u w - e
Friulian		c a n t a:		dg u j - a:
Romanian	- - s p u n e - -	k i n t a		3 u - k a

	ToFloat	ToFloat-Fluitare	ToFlow	ToFlow-Colare
Latin	f l u: k t u a: r e	f l u i t a: r e	f l u e r e	k o: l a: r e
French	f 1 y k t y e		f 1 y e	k u 1 e
Spanish	flugtwar-		f l u i r -	k o 1 a r -
Italian	fluttuare	f l u i t a r e	f l u i r e	k o l a r e
PortugueseBrazil	f 1 u - t u a r -		f l w i в -	k o - a r -
Portuguese	f l u - t u a r -		f l w i r -	k u - a r -
Catalan	f 1 u k t u a		f 1 u i	k u ł a
Walloon			12 2 60 2	k o l e
Friulian				
Romanian	f 1 u c t u a - -			
	ToFlow-Excurrere	ToFlow-Currere	ToFreeze	ToFreeze-Glaciare
Latin	e k s k u r r e r e	k u r r e r e	g e l a: r e	g 1 a - k i a: r e
French		k n - k i k -	3 9 1 e	g 1 a - s - e
Spanish	e - s k u r i r	ko-rer-	- e l a r -	31.1-1 1-1 1-1
Italian		k o r r e r e	dg e l a r e	g j a t tf j a r e
PortugueseBrazil	i - \(\) \(3 i 1 a r -	3 J \(\alpha \bar{\pi} \bar{\pi}
Portuguese	$i - \int k u - R e f$	k u - r e r -	$\frac{3}{3} \begin{vmatrix} \mathbf{i} & 1 \\ \mathbf{a} \end{vmatrix} \mathbf{f} -$	
Catalan	ə - s k o - r ə	k o - r ə	3 a 1 a - -	g 1 ə - s - a - -
Walloon			dx a 1 e	
Friulian	- - s k o - r i: - -	k o - r i - -	(45) a 1 C	g 1 a - tf - a: - -
Romanian		kurdge-		$ g ^{1} a $ $ g $ $ a $
Ttomaman	ToFreeze-Inglaciare	ToSwell	ToSwell-Inflare	ToSwell-Conflare
Latin	i n g l a k i a: r e	a g m e n t a: r e	i n f l a: r e	- k - o n f l a: r e
		u g in c in c as r c	1 11 1 4 1 6	
French		$\begin{vmatrix} \tilde{o} \\ \tilde{o} \end{vmatrix} g m \tilde{a} - t e$	$ \tilde{\alpha} $ - $ f $ $ 1 $ $ e $ - $ -$	- g - õ - f 1 e - -
Spanish		a - m e n t a r -	intf-ar-	
Ораніон		u iii c ii t u i	1 11 g u 1	
Italian		amentare-	e n f i a r e	- g - o n f j a r e
Ttallall		u iii e ii e u i e		
PortugueseBrazil		agmentar-	$ \tilde{1} - \int - \mathbf{a} \mathbf{f} $	
. Sitagassobiazii		u g in c in t a i	- J \alpha \bar{1}	
Portuguese		agmentar-	$ \tilde{1} - \int - \mathbf{a} \mathbf{f} $	
. o.tagaooo		u g iii c ii t a i	- J u i	
Catalan		a u g m e n t a -	i m f 1 a - -	
Walloon		a a B m c m t a	$\tilde{e} - f \cdot 1 \cdot e$	- g - õ - f 1 e - -
Friulian			e n f l a:	z g 1 o ŋ f - a: - -
	i n g - e ts - a		u m f l a	2 5 1 0 1 1
Tomanan		ToSwell-Crescere	ToBurn-Brojan	ToBurn-Cremare
Latin	i n t u m e: s k e r		10Daili Diojali	k r e m a: r e
French		k k w a - t - k -	b в у 1 е - -	k в а m е
Spanish	e n t u m e 0 e r -		D J T C	k - e m a r -
Italian		$\begin{vmatrix} \mathbf{k} & \mathbf{r} & \mathbf{e} & \mathbf{f} & \mathbf{e} \end{vmatrix}$	b r u tf a r e	k r e m a r e
PortugueseBrazil	ĩ - t u m e s - e r	-k t - e s - e r -		k - ej m a r e
Portuguese	$\tilde{1}$ - t u m e s - e r	k r - i s e r -		k - ej m a r e
Catalan		k r - e - 5 ə		k r ə m a
Walloon		K 1 - C - J 0 - -	b в u: 1 e - -	$ \mathbf{K} 1 \theta \mathbf{III} a - -$
Friulian			b r u z a:	
Romanian			v 1 u Z a · - -	
Nonandh		K I E J I E		

	ToBurn-Flammare	ToBurn-Ardere	ToBurn-Flagrare	ToBurn-Incendere
Latin	f l a m m a: r e	a r d e: r e	f l a g r a: r e	i n k e n d - e r e
French	f 1 a - b e - -	а в q - в -	f 1 a g в е	$ \tilde{\epsilon} - s \tilde{\alpha} - d j e - -$
Spanish	f l a - m e a r	a r d e r -	f l a g r a r -	$e \mid n \mid \theta \mid e \mid n \mid d \mid - \mid e \mid r \mid -$
Italian	f j a m m a r e	a r d e r e	f l a g r a r e	i n tf ε n d j a r e
PortugueseBrazil		а в q е в -	f 1 a g к a к -	ĩ - s e n th I a r -
Portuguese		в r d e r -	flagrar-	ĩ - s ẽ - d j a r -
Catalan	f 1 a m a - - -			ə n s e n d r ə
Walloon				
Friulian				
Romanian		a r d e		i n f i n d 3 e
	ToBurn-	All	All-Totus	Many
	AncestralClass8			
Latin	u s t u l a: r e	o m n e: s	t o: - t u s	m u l t u s
French			t u - - - -	m u
Spanish			t o - d o -	m u - tf o -
Italian	u s t o l a r e	o n n i -	t u t t o -	m o 1 t o -
PortugueseBrazil			t o - d u -	m ũ ĵ - t u
Portuguese			$ t o - \delta u -$	$\mathbf{m} \mathbf{\tilde{u}} \mathbf{\tilde{\jmath}} - \mathbf{t} \mathbf{u}$
Catalan			t o - t	m o 1
Walloon			t 3 - - -	
Friulian			d u - t	m o 1 c
D .				
Romanian	u s t u r a		t o - t	m u 1 t
	Many-Tantus	Some	Few	Other
Romanian Latin		Some	Few p a k u s	
Latin	Many-Tantus		Few pakus	Other a l t e r -
Latin French	Many-Tantus	o - k o	Few p a k u s u p ø	Other a 1 t e r -
Latin French Spanish	Many-Tantus t a n t u s	o - k œ - - a l g u n o	Few p a k u s u p ø p o k o -	Other a 1 t e r - o - t - в - o - t - r o
Latin French Spanish Italian	Many-Tantus t a n t u s	o - k œ a l g u n o a l k u n o	Few p a k u s u p ø p o k o - p o k o -	Other a 1 t e r -
Latin French Spanish Italian PortugueseBrazil	t a n t u s t a n t o - t a n t o - t v v t v v v v v	o - k œ a l g u n o a l k u n o a w g ũ	Few p a k u s u p ø p o k o - p o k o - p o w k u	Other a 1 t e r -
Latin French Spanish Italian PortugueseBrazil Portuguese	Many-Tantus t a n t u s t a n t o - t a n t o - t a n t o - t e t u - t e t u - t e t u -	o - k œ a l g u n o a l k u n o a w g ũ a l g ũ	Few p a k u s u p ø	Other a 1 t e r -
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	t a n t u s t a n t o - t a n t o - t v v t v v v v v	o - k œ a l g u n o a l k u n o a w g ũ	Few p a k u s u p ø p o k o - p o k o - p o w k u p o w k u p o k	Other a 1 t e r -
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	t a n t u s t a n t u s t a n t o - t a n t o - t a n t o - t e v v - t e v v - t a n t -	o - k œ a l g u n o a l k u n o a w g ũ a l g ũ	Few p a k u s u p ø p o k o - p o k o - p o w k u p o w k u p o k p o k p o w p o w c u	Other a 1 t e r - o - t - B - o - t - r o a 1 t - r o o w t - r u a 1 t - r o õ - t - -
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	Many-Tantus t a n t u s t a n t o - t a n t o - t a n t o - t e t u - t e t u - t e t u -	o - k œ a l g u n o a l k u n o a w g ũ a l g ũ	Few p a k u s u p ø p o k o - p o k o - p o w k u p o w k u p o k	Other a 1 t e r - o - t - B - o - t - r o a 1 t - r o o w t - r u o w t - r u a 1 t - r o a 1 t - r i
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	t a n t u s	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	P a k u s u p ø p o k o - p o w k u p o w k u p o k p o k p o k p o k p o k p o k p o k p o k p o k p o k p o k	Other a 1 t e r - o - t - B - o - t - r o a 1 t - r o o w t - r u a 1 t - r o a 1 t - r i a 1 t - -
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	t a n t u s t a n t u s t a n t o - t a n t o - t a n t o - t e v v v v v v v v v	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Few p a k u s u p ø p o k o - p o w k u p o w k u p o w k u p o k p o k p o k p o k p o k p o k	Other a 1 t e r - o - t - B - o - t - r o a 1 t - r o o w t - r u a 1 t - r o a 1 t - - Big-Majjorem
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	t a n t u s	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Few p a k u s u p ø p o k o - p o k o - p o w k u p o w k u p o w k u p o k p o k p o k p o k p o k p o k	Other a 1 t e r - o - t - B - o - t - r o a 1 t - r o o w t - r u a 1 t - r o a 1 t - r i a 1 t - -
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	t a n t u s t a n t u s t a n t o - t a n t o - t a n t o - t e v v v v v v v v v	o - k œ - -	Few p a k u s u p ø p o k o - p o w k u p o w k u p o w k u p o k p õ p o: k p o: k Big-Grandem g r a n d e m g s ũ	Other a 1 t e r - o - t - o - t - o - t - o - t - o w t - a 1 t - a 1 t - Big-Majjorem
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	t a n t u s t a n t u s t a n t o - t a n t o - t a n t o - t e v v v v v v v v v	o - k œ - -	Few p a k u s u p ø p o k o - p o w k u p o w k u p o w k u p o k p õ p o: k p o: k p o: k g r a n d e m g s ũ g r a n d e -	Other a 1 t e r - o - t - o - t - o - t - o - t - o w t - a 1 t - a 1 t - Big-Majjorem
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian	Many-Tantus t a n t u s t a n t o - t a n t o - t v - t u - t a n c - Other-Alius a l i u s	o - k œ - -	Few p a k u s u p Ø p o k o - p o w k u p o w k u p o w k u p o c k p o c k p o c k g r a n d e m g r a n d e - g r a n d e - g r a n d e -	Other a 1 t e r - o - t - o - t - o - t - o - t - o w t - a 1 t - a 1 t - Big-Majjorem
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian	Many-Tantus t a n t u s t a n t o - t a n t o - t v - t u - t a n c - Other-Alius a l i u s	o - k œ - -	Few p a k u s u p ø p o k o - p o w k u p o w k u p o w k u p o k p o c k p o c k p o c k g r a n d e m g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e -	Other a 1 t e r - o - t - o - t - o - t - o - t - o w t - a 1 t - a 1 t - Big-Majjorem
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese	Many-Tantus t a n t u s t a n t o - t a n t o - t v - t u - t a n c - Other-Alius a l i u s	o - k œ - -	Few p a k u s u p ø p o k o - p o w k u p o w k u p o w k u p o k p o: k p o: k g r a n d e m g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e -	Other a 1 t e r - o - t - o - t - o - t - o - t - o w t - a 1 t - a 1 t - Big-Majjorem
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	Many-Tantus t a n t u s t a n t o - t a n t o - t v - t u - t a n c - Other-Alius a l i u s	o - k œ - -	Few p a k u s u p ø p o k o - p o w k u p o w k u p o w k u p o k p o: k p o: k g r a n d e m g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e -	Other a 1 t e r - o - t - o - t - o - t - o - t - o w t - a 1 t - a 1 t - Big-Majjorem
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	Many-Tantus t a n t u s t a n t o - t a n t o - t v - t u - t a n c - Other-Alius a l i u s	o - k œ - -	Few p a k u s u p ø p o k o - p o w k u p o w k u p o w k u p o k p o c k p o c k g r a n d e m g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d g r a n d g r a n d g r a n d g r a n d	Other a 1 t e r - o - t - o - t - o - t - o - t - o w t - a 1 t - a 1 t - Big-Majjorem
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	Many-Tantus t a n t u s t a n t o - t a n t o - t v - t u - t a n c - Other-Alius a l i u s	o - k œ - -	Few p a k u s u p ø p o k o - p o w k u p o w k u p o w k u p o k p o: k p o: k g r a n d e m g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e - g r a n d e -	Other a 1 t e r - o - t - B - o - t - r o a 1 t - r o o w t - r u a 1 t - r o a 1 t - - Big-Majjorem

	Long-Longum	Long-Largum	Wide	Wide-Amplum
Latin	1 o - n g u s	l a r g u s	l a: t u s	amplus
French	$\begin{vmatrix} 1 & \tilde{\mathfrak{o}} \end{vmatrix} - \begin{vmatrix} - & - & - \end{vmatrix} - \begin{vmatrix} - & - & - \end{vmatrix}$	1 а в 3	1 e	$ \tilde{a} - \tilde{p} 1 - -$
Spanish	1 o - n g o -	1 a r y o -	1 a t o -	a n f - o -
Italian	1 u - n g o -	1 a r g o -	1 a t o -	ampjo-
PortugueseBrazil	$\begin{vmatrix} 1 & 0 & 1 & 0 & 0 \\ 1 & 0 & 0 & 0 & 0 & 0 \end{vmatrix}$	1 a k g u -	1 a t u -	$ \tilde{e} - \int - u -$
Portuguese	$\begin{vmatrix} 1 & 0 & & g & u \\ 1 & 0 & & g & u \end{vmatrix} - \begin{vmatrix} 1 & 0 & & u \\ & & & & & & & & & & & & & & & & &$	largu-	1 a t u -	$\begin{vmatrix} \tilde{e} \\ - \end{vmatrix} - \begin{vmatrix} 1 \\ 1 \end{vmatrix} - \begin{vmatrix} u \\ u \end{vmatrix} - \end{vmatrix}$
Catalan	$\begin{bmatrix} \mathbf{f} & \mathbf{g} & \mathbf{g} \\ \mathbf{f} & \mathbf{o} \end{bmatrix} - \begin{bmatrix} \mathbf{g} & \mathbf{g} \\ \mathbf{g} \end{bmatrix} - \begin{bmatrix} \mathbf{g} & \mathbf{g} \\ \mathbf{g} \end{bmatrix}$	Λark	1 4 1 4	amplə-
Walloon	1 0			
Friulian	1 u n k	1 a r k		
Romanian	1 u n g	1 a r g	1 a t	
T COTTIGHTIGHT	Thick	Thick-Spissum	Thick-Gurdum	Thick-Grossum
Latin	k r a s s u s	- s p i s s u s	g u r d u s	g r o - s s u s
French	g R a	e - p e	18 4 1 4 4 5	g R O
Spanish	gra-so-	e s p e s o	gordo-	3,2,0,1,1,1
Italian	g r a s s o -	- s p e s s o -	3 4 5 4 4	g r o - s s o -
PortugueseBrazil	312 12 10 10 10	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		gro-su-
Portuguese	$ g \mathbf{r} a - \int \mathbf{u} -$	$i \int p e - s u -$		g r o - s u
Catalan	g r a - s	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		gros
Walloon	3 - 1 - 1 - 1	$\begin{vmatrix} \mathbf{s} & \mathbf{r} & \mathbf{s} \\ - & \mathbf{s} & \mathbf{p} & \mathbf{\epsilon} \end{vmatrix} - \begin{vmatrix} \mathbf{s} & \mathbf{s} \\ - & - \end{vmatrix} - \begin{vmatrix} \mathbf{s} & \mathbf{s} \\ - & - \end{vmatrix} $		
Friulian	g r a s	I I I I I I I I I I I I I I I I I I I		g r w & s - - -
Romanian	g r a s			g r w ε s g r o - s
	Heavy	Heavy-Lurdus	Heavy-Pesant	Small
Latin	g r a w i s	l u r d u s	p e: s a n t -	p i t t i t u s
French	g κ i j ε f	1 u r	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	p ə - t i
Spanish	g r a b e -	lerdo-	p e s a - ð o	
Italian	$g r \epsilon - v \epsilon -$	1 o r d o -	p e s a n t e	
PortugueseBrazil	g r a v i -	1 e r d o -	p e z a - d u	
Portuguese	g r a - v i -	1 e r d o -	p i z a - ð u	
Catalan	$\begin{vmatrix} \mathbf{g} & \mathbf{r} & \mathbf{e} \end{vmatrix} = \begin{vmatrix} \mathbf{w} & \mathbf{e} \end{vmatrix} = \begin{vmatrix} \mathbf{w} & \mathbf{e} \end{vmatrix}$		p ə z a - t -	p ə t i t - - -
Walloon	g r a v			p ə t i t - - - - - - - - -
Friulian	$g r \epsilon - v i -$		pezant-	
Romanian	g r e - w		-	
	Small-Pittinus	Small-Pitulus	Short	Short-Brevis
Latin	p i t t i n u s	p i - t u 1 u s	k u r t u s	b r e w i s
French			k u r	p R ε t
Spanish	p e - k e p o -		k o r t o -	b r e b e -
Italian		p i k k o l o -	k o r t o -	b r ε v e -
PortugueseBrazil	pe-kenu-		k u r t u -	b r ε v i -
Portuguese	p i - k e n u -		k u r t u -	b r ε v i -
Catalan			kurt	b r e w
Walloon			k u:	р в е f – –
Friulian		p i - tf u 1 - -	k u r t - -	
Romanian	p u - ts i n			

	Narrow	Narrow-Strictus	Thin	Thin-Delicatus
Latin	a n g u s t u s	- s t r - i - k t u	sm i n u: - t u s	d e: l i k a: t u s
French		e - t & w a	-m ə n y	d u: 3 e:
Spanish	a n g o s t o -	e s t r - e tf o		d e 1 - y a ð o -
Italian	a n g u s t o -	- s t r - e - t t o		delikato-
PortugueseBrazil		i s t r - ej t u		d e w - g a d u -
Portuguese		i f t r - ej t u		$d \epsilon l - \gamma a \delta u -$
Catalan		$\begin{vmatrix} \mathbf{a} & \mathbf{s} & \mathbf{t} & \mathbf{r} & -\mathbf{\epsilon} & -\mathbf{t} \end{vmatrix} - \begin{vmatrix} \mathbf{t} & \mathbf{s} & \mathbf{r} \end{vmatrix}$		dəlikat-
Walloon		- s t b - ø:		
Friulian		- s t r - ε t -		
Romanian	$ \mathbf{i} \mathbf{g} \mathbf{g} \mathbf{u} \mathbf{s} \mathbf{t} - \mathbf{s} $	- s t r - i m - t -		
	Thin-Subtilis	Warm	Cold	Full
Latin	s u b t i: l e m	k a l i d u m	f r i: g i d u m	p 1 e: n u m
French			f k w a - - - -	p 1 e
Spanish	s u - t i 1 - -	k a l i ð o -	f r i o	λ e n o
Italian	s o t t i l e -	k a 1 d o	f r e d: o	p j ε: n o -
PortugueseBrazil	s u - tf i w	k e t i	f r i u) ej u - - -
Portuguese	s u - tf i w	k e t i	f r i u	∫ ej u - - -
Catalan	s u p t i 1		f r ε t - - -	p 1 ε - - -
Walloon	s u: - t i		f r ø:	p 1 e
Friulian	s u - t i: 1		f r e: t	$\begin{vmatrix} \mathbf{p} & \mathbf{l} & \mathbf{\epsilon} & \mathbf{g} \end{vmatrix} = -$
Romanian	s u b ts i r e -		r e f e	p 1 i n - -
	New	Old	Good	Bad
Latin		w e t u m	Good b o n u m	m a 1 u m
French	New n o w u m n u v o -	w e t u m v j ø	Good	m a ł u m m o v e
French Spanish	New	w e t u m v j ø b j e x o	Good b o n u m b õ b w e n o	m a ł u m m o v e m a l o
French Spanish Italian	New n o w u m n u v o - n w e β o n w σ: v o	w e t u m v j ø b j e x o v ε k: j o	Good b o n u m b õ b w e n o b w o: n o	m a ł u m m o v e m a l o k a t t i: v o
French Spanish Italian PortugueseBrazil	New n o w u m n u v o - n w e β o n w σ: v o	w e t u m v j Ø b j e x ο v ε k: j ο v e λ u -	Bood b o n u m b o b w e n o b w s: n o b o	m a ł u m m o v e m a l o k a t t i: v o m a w
French Spanish Italian PortugueseBrazil Portuguese	New n o w u m n u v o - n w e β o n w o: v o n o v u - n o v u -	w e t u m v j Ø b j e x o v ε k: j o v e λ u - v e λ u -	Good b o n u m b õ b w e n o b w o: n o b õ b õ	m a ł u m m o v e m a l o k a t t i: v o m a w m a w
French Spanish Italian PortugueseBrazil Portuguese Catalan	New n o w u m n u v o - n w e β o n w o: v o n o v u - n o v u - n o w u -	w e t u m v j ø b j e x o v ε k: j o v e Λ u - v e Λ u - b ε Λ -	Bood bonum bonum <tr< td=""><td>m a ł u m m o v e m a l o k a t t i: v o m a w m a ł</td></tr<>	m a ł u m m o v e m a l o k a t t i: v o m a w m a ł
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	New n o w u m n u v o - n w e β o n w o: v o n o v u - n o v u - n o v c - n o v ε - n o v ε -	w e t u m v j Ø b j e x o v ε k: j o v e Λ u - v e Λ u - v i: -	Bood b o n u m b õ b w e n o b w o: n o b õ b õ b õ b õ	m a ł u m m o v e m a l o k a t t i: v o m a w m a ł m o:
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	New n o w u m n u v o - n w e β o n w ɔ: v o n o v u - n o v u - n ɔ w - n ɔ v ε - ŋ u: f	w e t u m	Bood bonum bonum <tr< th=""><th>m a ł u m m o v e m a l o k a t t i: v o m a w m a ł m o: t r i s t</th></tr<>	m a ł u m m o v e m a l o k a t t i: v o m a w m a ł m o: t r i s t
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	New n o w u m n u v o - n w e β o n w o: v o n o v u - n o v u - n o v u - n o v ε - n u: f - n o w -	w e t u m v j Ø b j e x o v ε k: j o v e Λ u - v e Λ u - v i: v j e r i v e k ç -	Bood bonum bonum <tr< th=""><th>m a ł u m m o v e k a t t i: v o m a w m a ł m o: t r i s t r ə w</th></tr<>	m a ł u m m o v e k a t t i: v o m a w m a ł m o: t r i s t r ə w
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	New n o w u m n u v o - n w e β o n w ɔ: v o n o v u - n o v u - n o v ε - n u f - n o w - Rotten	w e t u m v j Ø b j e x o v ε k: j o v e Λ u - v e Λ u - v i: v j e r i v e k ç -	Good b o n u m b õ b w e n o b õ b õ b õ b õ b õ b õ Straight	m a ł u m m o v e m a l o k a t t i: v o m a w m a ł m o: t r i s t - r ə w
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	New n o w u m n u v o - n w e β o n w o: v o n o v u - n o v u - n o v ε - n u: f - n o w - Rotten	w e t u m	Good b o n u m b o b w e n o b o b o b o b o n b o n b o n b o n Straight r e: k t u m -	m a ł u m m o v e m a l o k a t t i: v o m a w m a ł m o: t r i s t - r ə w Round r o t u n d u m
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	New n o w u m n u v o - n w e β o n w ɔ: v o n o v u - n o v u - n o v ε - n u: f - n o w - Rotten p u t r i d u m p u r i	w e t u m	Bood b o n u m b o n u m b o n u m b w e n o b w o: n o b o n	m a ł u m m o v e m a l o k a t t i: v o m a w m a ł m o: t r i s t - r ə w Round r o t u n d u m s õ
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	New n o w u m n u v o - n w e β o n w ɔ: v o n o v u - n o v u - n o v ε - n u: f - n o w - P u t r i d u m p u r i - p o ŏ r i ŏ o -	w e t u m	Good b o n u m b o n u m b o n u m b o n u m b w e n o b w o n o b o n	m a ł u m m o v e m a l o k a t t i: v o m a w m a ł m o: t r i s t - r ə w Round r o t u n d u m s õ r e ð o n d o -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian	New n o w u m n u v o - n w e β o n w ɔ: v o n o v u - n o v u - n o v ε - ŋ u: f n o w - P u t r i d u m p u r i p o ŏ r i ŏ o - m a r ʧ o	w e t u m	Bood bonum bonum <	m a ł u m m o v e m a l o k a t t i: v o m a w m a ł m o: t r i s t - r ə w Round r o t u n d u m s õ r e ŏ o n d o - t o n d o
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil	New n o w u m n u v o - n w e β o n w ɔ: v o n o v u - n o v u - n o v ε - ŋ u: f - n o w - P u t r i d u m p u r i - p o ð r i ð o - p o d r i - p o d r i p o d r i	w e t u m v j Ø b j e x o v ε k: j o v e Λ u - v e Λ u - v i: v j e r i v e k ç - Dirty s o r d i d u s s a l s u θ j o s p o r k o - s u 3 u	Bood Bood	m a ł u m m o v e k a t t i: v o m a w m a ł m a ł m o: t r i s t - r ə w r e ð o n d o - t o n d o k i d õ d u -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese	New n o w u m n u v o - n w e β o n w ɔ: v o n o v u - n o v u - n o v ε - ŋ u: f - n o w - P u t r i d u m p u r i p o ð r i ð o - p o d r i -	w e t u m v j ø b j e x o v ε k: j o v e Λ u - v e Λ u - v e λ c - v i: v j e r i v e λ c - v i v e λ c - v i v e λ c - v i v e λ c - v i v e λ c - v i v e λ c - v i v e λ c - v i v e λ c - v i v e λ c - v i v e λ c - v i v e λ c - v i v e λ c - v i v e λ c - v i v e λ c - v i v e λ c - v i v e λ c - v i v e λ c - v e λ c -	Bood Book Book	m a ł u m m o v e k a t t i: v o m a w m a ł m o: t r i s t - r ə w Round r o t u n d u m s õ r e ŏ o n d o - t o n d o s i d õ d u - s i d õ d u -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	New n o w u m n u v o - n w e β o n w ɔ: v o n o v u - n o v ε - n u f - n o w - Rotten p u t r i d u m p u r i p o ð r i ð o - p o d r i - p o d r i - p u ð r i t - p u ð r i t - p u ð r i t - p u ð r i t - p u ð r i t - p u ð r i t - p u ð r i t - p u ð r i t - p u ð r i t - p u ð r i t - p u ð r i t - p u ð r i t -	w e t u m v j Ø - -	Good b o n u m b o b w e n o b o b o b o b o n b o n b o n b o n b o n b o n c u m Straight r e: k t u m - d s w a r e k t o d r i t: o d i r e t u u r e k t u r e k t o	m a ł u m m o v e m a l o k a t t i: v o m a w m a ł m o: t r i s t r ə w Round r o t u n d u m s õ r e ð o n d o - t o n d o s i d õ d u s i d õ d u r u ð o
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	New n o w u m n u v o - n w e β o n w ɔ: v o n o v u - n o v u - n o v ε - n u: f - n o w - Rotten p u t r i d u m p u r i p o ŏ r i ŏ o - m a r tf o - p o d r i - p o d r i - p u ŏ r i t -	w e t u m	Bood Book Book	m a ł u m m o v e m a l o k a t t i: v o m a w m a ł m o: t r i s t r o t u n d u m s õ r e ŏ o n d o - t o n d o s i d õ d u r u ŏ o r u ŏ o r ō
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	New n o w u m n u v o - n w e β o n w ɔ: v o n o v u - n o v ε - n u f - n o w - Rotten p u t r i d u m p u r i p o ð r i ð o - p o d r i - p o d r i - p u ð r i t - p u ð r i t - p u ð r i t - p u ð r i t - p u ð r i t - p u ð r i t - p u ð r i t - p u ð r i t - p u ð r i t - p u ð r i t - p u ð r i t - p u ð r i t -	w e t u m v j Ø - -	Good b o n u m b o b w e n o b o b o b o b o n b o n b o n b o n b o n b o n c u m Straight r e: k t u m - d s w a r e k t o d r i t: o d i r e t u u r e k t u r e k t o	m a ł u m m o v e m a l o k a t t i: v o m a w m a ł m o: t r i s t r ə w Round r o t u n d u m s õ r e ŏ o n d o - t o n d o s i d õ d u s i d õ d u r u ŏ o

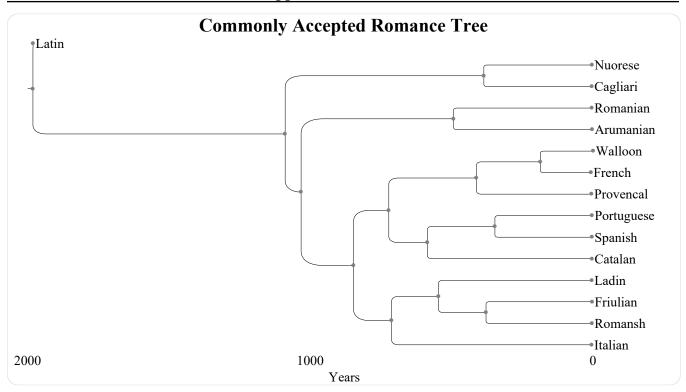
	SharpAsAKnife	DullAsAKnife	Smooth	Wet
Latin	a k u: t u m	h e b e s	s u a: w ẽ	u: m i d u m -
French	t r a l a	e m u s e	1 i s	m u j e
Spanish	a y u ð o	s i n f i 1 o -	1 i s o -	m o x a ð o -
Italian	a f f i l a: t o	z m u s s a: t o	l i ∫ ∫ o	b a n n a: t o
PortugueseBrazil		s e g u	1 i z u -	u m i d u
Portuguese	e f i a d u	s e y u	1 i z u -	u m i ð u
Catalan	ə f i l a t		Λ i s	m u s a t
Walloon	k u a h ã		1 i s	m u j i:
Friulian	u f a: t		s l i s -	b a n a: t
Romanian	a s k u t s i t		n e t e d	u d
rtomanian	Dry	Correct	Near	Far
Latin	s i k k u s	k o r r e: k t u m	propinkwum	łoŋgum -
French	s ε - k	K O I I C K t U III		1 w ê
	s e - k o -		р в е г k a	
Spanish Italian	s e k k o -	k o r r e t t o -	v i t i: n o	1 e x o s 1 o n t a: n o
		K O I I e t t O -		
PortugueseBrazil			p e r t u	1 õ 3 i
Portuguese	s e - k u -			1 0 3 i
Catalan	s ε k		e b t o b	K u n
Walloon	$ s \epsilon tf - - - $		p r ε	$\begin{vmatrix} 1 & \tilde{0} & - & - & - & - & - \end{vmatrix}$
Friulian	s ε - k		d σ η f ε	l o n t a ŋ -
Romanian	s e k	D	a p r oa p e	departe
1 - 41	Right-Dextrem	Right-Directus	Left	Red
Latin	d - e k s t r u m	d i: r - e: k t u s	ł a e w u m	r u s s u s
French		d - k w a - t	g o ʃ	в u
Spanish	d j e - s t r o -	d e r - e - tf o -	i θ k j e r ð a	r o - x o -
Italian	d - ε - s t r o -	dεstra	s i n i s t r o	r o s s o -
	d - ε - s t r u -	dir-ej-te-	i f k e r ð e -	R O - 2 \ \O -
Portuguese	$ \mathbf{d} - \mathbf{\epsilon} - \mathbf{f} \mathbf{t} \mathbf{r} \mathbf{u} - \mathbf{f} $	d i r - ej - t e -	i f k e r ð v -	в o - 1 п -
Catalan	$ \mathbf{d} - \mathbf{e} - \mathbf{s} \mathbf{t} \mathbf{r} \mathbf{a} $	d r ε t	$ \mathbf{s} \mathbf{k} \mathbf{\epsilon} \mathbf{r} \mathbf{a} - - $	r o - s
Walloon		d r ø: t	g o:	
Friulian		d r ε t - - - -	f a f p	r o - s - -
Romanian		d r e p t	s t i ŋ g	$ \mathbf{r} \mathbf{o} - \mathbf{f} \mathbf{u} -$
	Red-Vermiculus	Red-Rubeus	Green	Yellow
Latin	v e r m i k u l u s	r u - b e u s	w i r i d e m	g a l b i n u s
French	v ε κ m εj		v e r	
Spanish	b e r m e x о	к u - 3 г b j о -	ber-de-	
Italian	v e r m i λ - λ o -	r o b b j o -	v e r - d e -	
PortugueseBrazil		r u - b e o -	v e r - d i -	
Portuguese	v i r m ej k u -	r u - b e o -	v e r - d i -	
Catalan	b a r m ϵ - λ	r u - dz e	$v \mid \varepsilon \mid r \mid - \mid t \mid - \mid - \mid$	
Walloon		$\begin{vmatrix} \mathbf{r} & \mathbf{a} & \mathbf{a} & \mathbf{b} \\ \mathbf{r} & \mathbf{b} & - & \mathbf{f} \end{vmatrix} = \begin{vmatrix} \mathbf{r} & \mathbf{c} \\ - & - \end{vmatrix} = \begin{vmatrix} \mathbf{r} & \mathbf{c} \\ - & - \end{vmatrix}$	Λ ε R	dg ε - - n - -
Friulian		- - 19	$\begin{bmatrix} \mathbf{v} & \mathbf{e} & \mathbf{B} \\ \mathbf{v} & \mathbf{e} & \mathbf{r} \end{bmatrix} - \begin{bmatrix} \mathbf{t} & \mathbf{e} \end{bmatrix} - \begin{bmatrix} \mathbf{e} & \mathbf{e} \end{bmatrix}$	-012
Romanian		r oj - b - - -	v e r - d e -	g a 1 b e n
I WIII alli all		ı oj u	v C I u C	galloch -

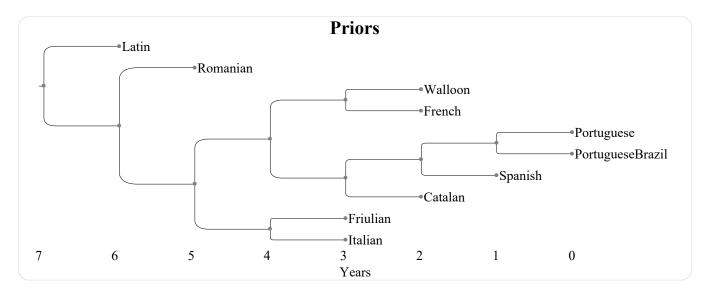
	Yellow-Amarellus	Yellow-Croceus	White	Black
Latin	amarellus	k r o k e u s	a l b u s	n - i g r u m
French				n w a - r
Spanish	amari-jo-		a 1 b o -	n e y r o
Italian		k r o tf e o -	a 1 b o -	n e g r o
PortugueseBrazil	emare lu -		a w v u -	n e g r u
Portuguese	emerε-1u-		a 1 v u -	n e g r u
Catalan		g r o k	a 1 b	n e y r ə
Walloon				u @: - R
Friulian				n e - r i
Romanian			a 1 b	n e g r u
	Black-Pretto	One	Two-Duos	Two-Duae
Latin		u: n u m	d u o: s	d u - aj
French		$ ec{\mathfrak{e}} $ - $ - $ -	$ \mathbf{d} - \mathbf{o} -$	
Spanish	p f j e t o	u n o -	d - o s	
Italian		u n o -		d u - e
PortugueseBrazil	pr-etu	ũ	d - oj s	
Portuguese	pr-etu	ũ - - -	d - oj ∫	
Catalan		u n	d - o s	
Walloon		õ	d - ø: -	
Friulian		u n	d - oj -	
Romanian		u n u -	d - oj -	d o w ə
	Two-Duas	Three	Four	Five
Latin	d u a s	t r - e: s	$\mathbf{k}^{\mathbf{w}}$ - \mathbf{a} \mathbf{t} \mathbf{t} \mathbf{w} \mathbf{o} \mathbf{r} -	k ^w i: n k ^w - e
French		t B W G -	k - a - t в -	s e - k - -
Spanish		t r - e s	k w a - t - r o	θ i n k - o
Italian		t r - e -	k w a t t r o	tf i ŋ k w e
PortugueseBrazil		t r - e s	k w a - t r u	s 1 - k - u
Portuguese	$d u e \int$	$ \mathbf{t} \mathbf{r} - \mathbf{e} \int$	k w a - t r u	s î - k - u
Catalan		$ t r- \epsilon s$	k w a - t r ə	s i ŋ k
Walloon		t r - ø: -	k w a - t	$ \mathbf{s} \mathbf{\tilde{e}} - \mathbf{k} - \mathbf{r} $
Friulian		t r - e: -	k w a - t - r i	tf i nj k - -
Romanian		t r - ej -	p - a - t r u	
	Here	There	There-Ibi	There-Adlbi
Latin	- e k k u m h i: k	i l l a: k	i b i:	
French	i s i -	1 a -		
Spanish	- a - k i -	a - j a -		a i
Italian	- k w - - i -	1 a -	$- \mathbf{v} \mathbf{i}$	
PortugueseBrazil	- a - k i -	- - 1 a -		a i
Portuguese	- e - k i -	1 a -		e i
Catalan	- a - k - - - i -	ə - K a -		
Walloon		- - 1 a -		
Friulian	- a - k - - - i -	 - - 1 a -		
Romanian		- - 1 a -		

	Who-Qui	Who-Quem	What	Where-Ubi
Latin	k ^w - i s	k ^w - e m -	k ^w - i d	- u b i
French	k - i -	- 1 10 11	k w a -	- u
Spanish		k j e n -	k - e -	
Italian	k - i -	K J C II	k - e -	- o v e
PortugueseBrazil	K I	lz 51 _	k - i -	0 1 6
Portuguese		$egin{array}{c c c c c c c c c c c c c c c c c c c $	k - i -	- u - -
Catalan		K - ej - -		- u - -
Walloon	k - i: -		$\begin{vmatrix} \mathbf{k} & - & \mathbf{\epsilon} & - \\ \mathbf{k} & \mathbf{w} & \mathbf{\epsilon} \end{vmatrix} = -$	
!				
Friulian	k w i -	uc : -	tf - e -	: -
Romanian	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	tf - i n e	tf - e -	j u - o
1 (1	Where-Unde	Where-DeUnde	When-Quando	How-Quomodo
Latin	u n d e	d e u n d e	$\mathbf{k}^{\mathbf{w}} - \mathbf{a} \mathbf{n} \mathbf{d} \mathbf{o}$:	k ^w o: m o d o
French		$\begin{vmatrix} \mathbf{d} & \mathbf{j} & \mathbf{j} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{j} & \mathbf{j} \end{vmatrix}$	$ \mathbf{k} - \tilde{\mathbf{a}} - - $	k o m ã
Spanish	o n d e	d - o n d e	k w a n d o	k o m o
Italian	o n d e		k w a n d o	k o m e
PortugueseBrazil	Ü		$ \mathbf{k} \mathbf{w} \tilde{\mathbf{e}} - \mathbf{d} \mathbf{u}$	k o m u
Portuguese	$\tilde{o} - d \dot{i}$		$ \mathbf{k} \mathbf{w} \tilde{\mathbf{e}} - \mathbf{d} \mathbf{u}$	k o m u
Catalan	o n		k w a n	k o m - - -
Walloon			k w a n d -	$ \mathbf{k} \mathfrak{o} \mathbf{m} \tilde{\epsilon} - -$
Friulian			k w a n t -	tf e m u: t -
Romanian	u n d e		k - i n d -	k u m
	Not	Not-Nec	At	In-In
Latin	n o: n	n e k	a d	i n
French	$ \mathbf{n} \mathbf{\tilde{o}} $ -	n i -	a -	
Spanish	n o -	n i -	a -	e n
Italian	n o n	n e -	a -	i n
PortugueseBrazil	$ \mathbf{n} \mathbf{\tilde{e}} $ –	n ej -	a -	ej -
0	$ ilde{ extbf{w}}$	31		31
Portuguese	$ \mathbf{n} \mathbf{\tilde{e}} $ –	$ n \widetilde{ej} $ -	g -	ej -
Ü	$\widetilde{ ext{w}}$			
Catalan	n o -	n i -	a -	ən
Walloon		n e -		· ·
Friulian	n o -			
Romanian	n u -			i n
	In-Deintus	With-Cum	With-Abhoc	And-Et
Latin	d e i n t u s	k u m	a b h o c	e t
French	$\begin{vmatrix} \mathbf{d} & \mathbf{d} & \mathbf{d} \\ \mathbf{d} & \mathbf{d} \end{vmatrix} = \begin{vmatrix} \mathbf{d} & \mathbf{d} \\ \mathbf{d} & \mathbf{d} \end{vmatrix} = \begin{vmatrix} \mathbf{d} & \mathbf{d} \\ \mathbf{d} & \mathbf{d} \end{vmatrix}$		a v - e k	
Spanish		k o n	, , 0	e
Italian		k o n		e -
PortugueseBrazil		k ő –		i -
Portuguese		k ő –		i -
Catalan	d i - n - - s	K U -		i -
Walloon	u 1 - 11 - - 8		a v - u -	
Friulian			a V - U -	ε -
		1		e -
Romanian		k u -		e -

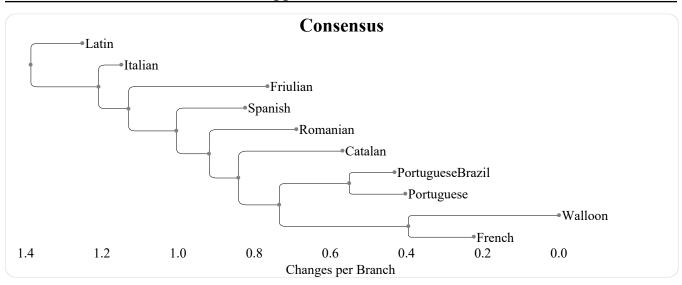
	And-Si	If	Because-Quod	Because-Proquid
Latin	s i: k	s i:	k ^w o d	p r o k ^w i d
French		s i	k ə -	раввы
Spanish		s i	k e -	porke-
Italian		s e	k e -	perke-
PortugueseBrazil		s i	k i -	purke-
Portuguese		s i	k i -	purki -
Catalan		s i	k ə -	p ə r k ε -
Walloon			k i: -	
Friulian			k e -	
Romanian	$\int \mathbf{i} $ -	s ə	k ə -	

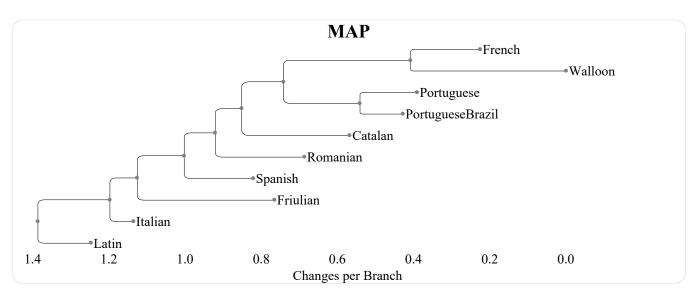
Appendix 4 - Results





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