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 15 |u| 17 $\int |u|$ 18 |u| 19 |v| 20 |b| 21 |v| 22 |u| 23 |v| 24 |v| 25 |v| 26 |v| 27 |v|a 28 r 30 r 31 r 32 r 33 r 34 r 35 r 36 r 37 r 38 r 39 r 40 r 41 r $\tilde{e}\tilde{j}$ 43 $\tilde{\mathfrak{I}}$ 44 $\tilde{\mathfrak{A}}$ 45 $\tilde{\mathfrak{I}}$ 46 $\tilde{\mathfrak{E}}$ 47 \mathfrak{t} 48 $\dot{\mathfrak{t}}$ 49 p 50 z 51 $\check{\mathfrak{J}}$ 52 k 53 ts 54 asĩŝ 55 R 57 aj 58 ε 59 θ 60 ej 61 ej 62 \tilde{o} 63 $\tilde{\varepsilon}$ 64 $\tilde{e}\tilde{w}$ 65 \tilde{e} 66 c 67 ij68 $\frac{1}{4}$ 70 $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ 72 $\frac{1}{4}$ 73 $\frac{1}{2}$ 74 $\frac{1}{2}$ 75 $\frac{1}{4}$ 76 $\frac{1}{4}$ 77 $\frac{1}{4}$ 78 $\frac{1}{4}$ 79 $\frac{1}{4}$ 80 $\frac{1}{4}$ ea 82 k^j 83 \tilde{a} 84 \tilde{t} 85 α 86 γ 87 ϵj 88 k^w 89 \tilde{e} : 90 $\tilde{e} u$ 91 \tilde{u} 92 \tilde{u} α : 93 ĵ 95 œ̃ 96 ℧

Appendix 2 - Partition Assignments

Model: "Linguistically Informed"

1 Nasal Vowel

ẽj õ ũ ĩ ẽ ẽj õ ẽ ẽw ẽ õ: ã ẽ: ẽu ũ œ

2 Vowel

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

3 Nasal Consonant

nmnŋĵ

4 Non Sylabic Sonorant

wilr

5 Consonant

g ʒ j dz s ʃ v b t d f r x λ κ h tʃ p z ð k ts π θ c β ł ų dz g^w ç k^j ֈ γ k^w ͺι

	1	We	YouPlural	YouSingular
Latin	- e g o:	n or - s -	w or - s	t u:
French	3 9	n u	v u	t y
Spanish	j o	n o - s -	b o - s	t u
Italian	i 0	n o: i	v o i -	t u
PortugueseBrazil	- e - w	n o j - s	v o j s	t u
Portuguese	- e - w	$ \mathbf{n} \mathbf{o} - \mathbf{f} -$	$ \mathbf{v} \mathbf{o} - \mathbf{f} $	t u
Catalan	3 3		b u - s	t u
Walloon	ф I	n o	v o - s	t y
Friulian	j o	n o:	v o:	t u
Romanian	j e - w	n oj - - -	v oj	t u
	YouSingular-	Woman	Woman-Mulier	Woman-Domina
	VostramMercedem			
Latin		f e: - m i - n - a	$m \mid u \mid 1 \mid i \mid e \mid r \mid e \mid m$	d o m i n a
French		f a - m		d a m - - -
Spanish	- u s t e d	- e - m - b r - a	m u x - e r	d o - - n a
Italian		f e m m i - n - a	$\mathbf{m} \mid \mathbf{o} \mid \mathbf{\Lambda} \mid \mathbf{\Lambda} \mid \mathbf{e} \mid - \mid - \mid - \mid$	d o n - n a
PortugueseBrazil		f e - m e v	m u 1 - e 1	d o n e
Portuguese	v o s - e -	f e - m j e	m u A - e r	d o n e
Catalan	$ \mathbf{v} \mathbf{o} \mathbf{s} \mathbf{t} \mathbf{e} -$	f e - m - b r - a	$ \mathbf{m} \mathbf{u} \mathbf{\Lambda} - \mathbf{e} - - - $	d o n ə
Walloon		f œ - m		d œ m - - -
Friulian		$f \mid \epsilon \mid - \mid m \mid i \mid - \mid n \mid - \mid \epsilon$	m u i: r	d o - n e
Romanian		f e - m e - j e	m u - j e r e -	d oam - n ə
	ManHumanBeing	ManHumanBeing-	Child	Child-Ninnus
Latin	1	Homo		
Latin French	h o m i - n e m	h - o m o:	i n f a n t e m	
		2	\tilde{a} f \tilde{a}	
Snanich	- 3 m	- - 3 - -	$ \tilde{\mathbf{a}} - \mathbf{f} \tilde{\mathbf{a}} - - - - $	
Spanish	o m - b r e		i n f a n t e -	n i n o
Italian	o m - b r e - -	$\begin{vmatrix} - & - & \tilde{\mathfrak{I}} & - & - & \\ - & w & \tilde{\mathfrak{I}} & w & o \end{vmatrix}$	i n f a n t e - - f a n t e -	n i n o
Italian PortugueseBrazil	o m e j		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	n i n o n e n ẽj
Italian PortugueseBrazil Portuguese	o m ej		i n f a n t e - - f a n t e -	n i n o n e n ẽj n e n ẽj
ltalian PortugueseBrazil Portuguese Catalan	o m e j		$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	n i n o n e n ẽj
Italian PortugueseBrazil Portuguese Catalan Walloon	o m e j		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	n i n o n e n ẽj n e n ẽj
Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	o m ej		$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	n i n o n e n ẽj n e n ẽj
Italian PortugueseBrazil Portuguese Catalan Walloon	o m ej - b r e - - o m ej - - - - - o m ej - - - - o m ej - - - o m - - - o m - - - o m - -	- w o m o	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	n i n o n e n ẽj n e n ẽj n e n –
Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	o m e e	- w o m o	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	n i n o n e n ẽj n e n ẽj n e n =
Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	o m - b r e o m ej o m ej o m ej o m e o m o m o m wife - s p o n s a	- w o m o	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	n i n o n e n e n e n e n e n e n e n e n e n e
Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	o m - b r e o m e j o m e j o m e j o m e j o m e j o m e j o m e j o m e j o m e j o m e j o m e j o m e j o m e j o m e j o m e j o m e j o m e j o m e j wife s p o n s a e e p u e z -	Wife-Mulier m u 1 i e r	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	n i n o n e n e n e n e n e n e n e n e n e n e
Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	o m - b r e o m ej o m ej o m ej o m a o m o m o m wife - s p o n s a e - p u - z - e s p o - s a	- w	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	n i n o n e n e n e n e n e n e n e n e n e n
Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian	o m - b r e - - o m e - - - o m e - - - o m e - - o m e - - o m e - o m e - o m e - o m e - o m e e o m	Wife-Mulier m u 1 i e r	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	n i n o n e n e n e n e n e n e n e n e n e n
Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	o m - b r e - - o m e j - - - - o m e j - - - o m e j - - o m e j - - o m e j - - o m e j - o m e j - o m e j - o m e j e o m e j	- w o m o	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	n i n o n e n e n e n e n e n e n e n e n e n
Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil	o m - b r e - - o m e - - - o m e - - - o m e - - o m e - - o m e - o m e - o m e - o m e - o m e e o m	Wife-Mulier m u l i e r - m o л л е г - m u л - е в - m u л - е в -	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	n i n o n e n e n e i n e n e n e i n e n e n e i n e n e n e i n e n e n e i n e n e n e i n e n e n e i n e n e i n e n e i n e n e i n e n e i n e n e i n e n e i n e n e i n e n e i n e i f i n e n e i n e i f i n e n e i n e i f i n e n e i n e i f i n e n e i n e
Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese	o m e j	Wife-Mulier m u l i e r - m o \(\lambda \) \(\lambda \) e - m u \(\lambda \) - e \(\lambda \) - m u \(\lambda \) - e \(\lambda \) -	i n f a n t e f a n t e - i - f e - i - f e - i - f e - i - f e - i - f e - i - f e - i - f e - i - f e - e	n i n o n e n e n e n e n e n e n e n e n e n e
Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	o m e j	Wife-Mulier m u l i e r - m o k k e - m u k - e r - m u k - e r - m u k - e r -	i n f a n t e f a n t e - i - f e - i - f e - i - f e - i - f e - i - f e - i - f e - i - f e - i - f e - e	n i n o n e n e n e i n e n e n e i n e n e n e i n e n e n e i n e n e n e i n e n e n e i n e n e n e i n e n e i n e n e i n e n e i n e n e i n e n e i n e n e i n e n e i n e n e i n e i f i n e n e i n e i f i n e n e i n e i f i n e n e i n e i f i n e n e i n e

	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		т е - в	b e - r -	
Spanish		m a ð r e -	p a ð r e	t a t a
Italian	s o tf - o -	m a: d r e -	p a: d r e	t a t a
PortugueseBrazil		m ej	p aj	t a t a
Portuguese		$\mathbf{m} \left \widetilde{\mathbf{e}} \widetilde{\mathbf{j}} \right - \left - \right - \left - \right $	p aj - - -	t a t a
Catalan		ma-rə-	pa-rə	
Walloon		m e - R	p ε: - r -	
Friulian		m a - r i -	p a - r i	
Romanian	s o ts			t a t ə
	Animal	Animal-Bestia	Fish-Piskem	Fish-Pescion
Latin	a n i m a l 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	aliman-a		p e 0	
Italian		$b \mid i \mid \int \mid \int \mid - \mid a$	p e e -	
PortugueseBrazil		b i - f - e	p ej ∫ - i -	
Portuguese		b i - 5 - e	p ej ∫ - i -	
Catalan			p e - - -	
Walloon				$ \mathbf{p} - \mathbf{\epsilon} \mathbf{h} \tilde{\mathbf{o}} $
Friulian	n e m a: 1	b i s - - -	p ε s - - -	1
Romanian	- n ə m a - j e		p e f t e -	
	Bird-Avem	Bird-Avicellum	Bird-Passerem	Dog
Latin	a w e m	- a w i - k - e 1 1	ıpasserem	k - a n e m
French		w a z - o		$\left \int \left j \right \widetilde{\epsilon} \left - \right - \left - \right \right $
Spanish	a b e -		p a - x a r o -	
Italian		$ - - u - t t - \epsilon 1 1 $	cpassero-	
PortugueseBrazil	a v i -		p a - s e r u -	
				$ \tilde{\mathbf{w}} $
Portuguese	$ \mathbf{a} \mathbf{v} \mathbf{i} $ -		pa-seru-	k - ë
				$ \widetilde{\mathbf{w}} $
Catalan	a w - -	- - u - - s - e - \(\Lambda \)		
Walloon		- - u: - - h - ε: - -		tf - e - - -
Friulian		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		c - a n - -
Romanian			p a - s ə r e -	k - ij n e -
	Louse	Snake	Worm	Tree
Latin		s - e r p - e n t e	nw e r m e m	a r b o r e m
French	p - u	s - e r p - a		a r p - r
Spanish	p j o x - o	s - e r p j e n t e		a r β o 1
Italian	p - i d o k k j o -	s - e r p - e n t e	v e r m e -	a l b e r o -
PortugueseBrazil	^	$ s - e R p - \tilde{e} - t i$		a k v o t i -
Portuguese	p - i - o - 1 u	$ s - i r p - \tilde{e} - t i$		a f v u f i -
Catalan	p - o K	s - ə r p - e n	- v ε r m	a - b - r ə -
Walloon	p j u	s j ε κ p - ē	$v \mid j \mid \epsilon \mid R \mid - \mid -$	o: - b - - - -
Friulian	p - e d o - 1 i	s - a r p - i n t -		a r b u 1
Romanian	p - ə d u - k j e -		v j e r m e	a r b o r e -

	Forest	Stick	Fruit	Seed
Latin	s i l w a	p a: 1 u s	f r u: - k t u s	s e: m e n
French		p a 1	f u q i - - - -	
Spanish	s e l b a	p a 1 o -	f r u - t o -	
Italian	s e l v a	p a 1 o -	f r u - t t o -	s e m e -
PortugueseBrazil		p a w	$f \mid r \mid u \mid - \mid - \mid t \mid v \mid -$	
Portuguese	s e ł v e	paw	frute-	
Catalan	s e l b a	p a 1	f r u j - t	
Walloon	5 C 1 D U	Ρ α 1	f R y	
Friulian	$s \mid \epsilon \mid 1 \mid v \mid e$	p a: 1	f r u t	
Romanian	5 6 1 7 6	p a r	f r u - k t	
rtomaman	Seed-Sementis	Seed-Granum	Leaf	Leaf-Frondea
Latin	s e m - e n t i s	g r a: n u m	f - o l i a	f r o n d e a
French		g κ ε n		
Spanish	s ə m - a s s i m j e n t e -	g r a n o -		
Italian			$\begin{vmatrix} - & - & 0 & x & - & a \\ f & - & 0 & \lambda & \lambda & a \end{vmatrix}$	f r o n dz - a
	s e m - e n t e -	g r a n o -		
PortugueseBrazil	$ s e m - \tilde{e} - tf i -$	$\left \begin{array}{c c}g&\mathbf{f}&\widetilde{\mathbf{e}}&-&-&-\\\widetilde{\mathbf{w}}&&&\end{array}\right $	$ f - \lambda o - f $	$f \mid r \mid \tilde{o} \mid s \mid - \mid v \mid -$
Portuguese	$ s \mathbf{i} m - \tilde{e} - t \mathbf{i} -$	$g \mid r \mid \tilde{e} \mid - \mid - \mid - \mid$	$ \mathbf{f} $ - $ \mathbf{o} \mathbf{\lambda} $ - $ \mathbf{r} $	f r o s - e -
		$\widetilde{\mathbf{w}}$		1 1 1 1 1 1 1 1 1
Catalan	s ə m - e n - - -	g r a	$ \mathbf{f} - \mathbf{u} \mathbf{\Lambda} - \mathbf{a} $	
Walloon	s i m - ē - s	g r i n	f - j - -	
Friulian	$s e m - \epsilon n t \epsilon -$	g r a n	f w e e	
Romanian	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{vmatrix} \mathbf{g} & \mathbf{r} & \mathbf{i} \\ \mathbf{g} & \mathbf{r} & \mathbf{i} \end{vmatrix} = \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix}$	f oa - j e -	$f \mid r \mid u \mid n \mid z \mid - \mid \vartheta$
	J J III J II J J J J	W	12 X CC	
	Root	Root-Radix	Root-Radicina	BarkOfATree
Latin	- r a: d i: k e m	r a: d i: k e	r a: d i: k i: n a	k o r t i k e m
French		в a d i	в a s i n -	
Spanish	- r a - i θ - -			
Italian		r a d i: tf e		kortitfe-
PortugueseBrazil	- B a - i S - -			k o k t i s i -
Portuguese	- R B - I			kortisi-
Catalan	ə r ε - 1			
Walloon			$ \mathbf{r} \mathbf{\epsilon} - \mathbf{r} \mathbf{s} \mathbf{\epsilon} \mathbf{n} -$	
Friulian				
Romanian			r ə d ə tf i n ə	
	BarkOfATree-Corticea	BarkOfATree-Skortea		Grass
Latin		- s k - o r t e a		- h e r b a
French		е - к - о к s	f 1 œ в	ε R P -
Spanish	korte e e a	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	f l o r	j - e r b a
Italian	k o r t e t t a	- s k - s r ts - a	f j or r e -	$\begin{vmatrix} \mathbf{r} & \mathbf{r} & \mathbf{r} & \mathbf{r} \\ - & \mathbf{r} & \mathbf{r} & \mathbf{r} \end{vmatrix}$
PortugueseBrazil			t 1 o r	e k v e
Portuguese	kurtise-		f l o r	9 V 3
Catalan	K G T C T S C	$ \mathbf{a} \mathbf{s} \mathbf{k} - \mathbf{a} \mathbf{r} \mathbf{s} - \mathbf{a} $	$\begin{bmatrix} 1 & 1 & 0 & 1 \\ 1 & 0 & - & - \end{bmatrix}$	- e r b ə
Walloon		- s k w a s	t 1 % R	j - ε - p -
Friulian		- s k w a r ts - e	f 1 o: r	
Romanian			f l oa r e -	j - a r b e j - a r b ə
Nottiattiatt		- s k - oa r ts - ə	1 1 0a 1 e -	J - a I D Ə

	Grass-Gramen	Rope	Rope-Restis	Skin
Latin	g r a m e n	f u: n - e m	r e s t e m	
French	дкатεп			k w a - - n -
Spanish	g r a m a -		r i s t a -	
Italian	31 1 1 1	f u n - e -	r ε s t a -	k - o t e n n a
PortugueseBrazil	grøme-		Rεlfi-	k - o dz i e
Portuguese	greme-		ве f t i -	k - o d i e
Catalan	g r a m			k - o n n ə
Walloon				
Friulian				
Romanian		f u n j e -		
	Skin-Pellis	Meat	Meat-Vivenda	Blood
Latin	p - e 1 1 e m	k a r n e m	w i: w - e n d a	s a n g ^w - i n e m
French	p - o	ε ε - - -	$ \mathbf{v} \mathbf{j} - \mathbf{a} - \mathbf{d} - \mathbf{d} $	$\left \begin{array}{c c c c c c c c c c c c c c c c c c c $
Spanish	p j e l	karne-	b i b j e n d a	saŋg-re-
Italian	p - e l l e -	k a r n e -	v i v - a n d a	s a n g w e
PortugueseBrazil	$ p - \epsilon - l i -$	karai -	v i v - ē - d a	$\left \begin{array}{c c c c c c c c c c c c c c c c c c c $
Portuguese	$\begin{vmatrix} \mathbf{p} & - & \mathbf{e} & - & 1 & \mathbf{i} & - \\ \mathbf{p} & - & \mathbf{e} & - & \mathbf{\Lambda} & - & - \end{vmatrix}$	karni -	$ \mathbf{v} \mathbf{i} \mathbf{v} - \mathbf{\tilde{e}} - \mathbf{d} \mathbf{e}$	$\begin{vmatrix} \mathbf{s} & \mathbf{\tilde{e}} & - & \mathbf{g} & - & \mathbf{i} & - & - & - \end{vmatrix}$
Catalan Walloon	1	karn		s a ŋ
Friulian	p j a	tf o:		s ő: - g
Romanian	p j ε 1 p j e - 1 e -			s a ŋ k
Nomaman	p j e - 1 e - Bone	k a r n e - FatNoun	FatNoun-Crassia	s i n dz - e - - - -
Latin		a d e p e m	i alivouri-Crassia	- o: w u m
French	3 - S		$ g \mathbf{R} \mathbf{\varepsilon} \mathbf{s} $ -	- œ f
Spanish	- w e s o		g r a s a	w e b o -
Italian	3 S S O -	a d i p e -	3	w o v o -
PortugueseBrazil	o - s u -	1 1 1	g r a f e	- o v u -
Portuguese	o - s u -		g r a f e	- o v u -
Catalan	- - o - s - -		gref-	- o w - -
Walloon	- - o - f - -		$ \mathbf{k} \mathbf{R} \mathfrak{I} \mathbf{c} -$	- u: - - -
Friulian	$ \mathbf{v} \mathbf{w} \mathbf{\varepsilon} - \mathbf{s} - \mathbf{s} $			- u: f
Romanian	O - S			- o w
	Horn	Tail	Feather	Feather-Penna
Latin	k - o r n u:	k a d a -	p l u: m a	p e n n a
French		$\begin{vmatrix} \mathbf{u} \\ \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{v} \\ \mathbf{o} \end{vmatrix} = \begin{vmatrix} \mathbf{v} \\ \mathbf{v} \end{vmatrix}$	p 1 y m -	$p \mid \varepsilon \mid - \mid n \mid -$
Spanish	k w e r n o	k o l a -	p l u m a	p e - n a
Italian	k - o r n o	k o d a	p j u m a	p e n n a
PortugueseBrazil	k - o r n u	k a w d e	1 1 1 7 1	p e - n e
Portuguese	k - o r n u	k a w d e		p e - n e
Catalan	k - o r n -	k u - a -	p 1 o m ə	$\begin{vmatrix} \mathbf{r} \\ \mathbf{p} \end{vmatrix} \in \mathbf{r} = \mathbf{p} \cdot \mathbf{p}$
Walloon	$ \mathbf{k} \mathbf{w} \mathbf{\epsilon} - \mathbf{n} -$	k o w	p 1 o m -	p e - n -
Friulian	k w a: r	$ \mathbf{k} \mathbf{o} \mathbf{d} \mathbf{\varepsilon} $	p 1 u m ε	$p \mid \epsilon \mid - \mid n \mid e$
Romanian	k - o r n -	c oa d ə -		pa-nə

	Hair	Hair-Capillus	Head	Head-Testa
Latin	p - i 1 u s	k a p i 1 1 u s	kapi-tia	t e s t a
French	p w a 1	$\left \int \left \mathbf{a} \right \mathbf{v} \left \mathbf{o} \right - \left - \right - \right - \right $	$\int \left \mathbf{a} \right \mathbf{v} \left \mathbf{\varepsilon} \right - \left - \right - \left - \right $	t ε - t -
Spanish	p - e l o -	kabe-jo-	k a β e - θ - a	
Italian	p - e 1 o -	k a p e 1 1 o -	k a v e t t s a	t ε s t a
PortugueseBrazil		k a b e - l u -	k a b e - s - e	t e s t e
Portuguese	$\begin{vmatrix} \mathbf{r} \\ \mathbf{p} \end{vmatrix} - \begin{vmatrix} \mathbf{i} \\ \mathbf{i} \end{vmatrix} \begin{vmatrix} \mathbf{l} \end{vmatrix} \begin{vmatrix} \mathbf{u} \end{vmatrix} - \end{vmatrix}$	k ε β e - 1 u -	k e β e - s - e	t ε ∫ t e
Catalan	$\begin{vmatrix} \mathbf{r} \\ \mathbf{p} \end{vmatrix} - \begin{vmatrix} \mathbf{\epsilon} \\ \mathbf{l} \end{vmatrix} - \begin{vmatrix} \mathbf{r} \\ - \end{vmatrix} - \end{vmatrix}$	k ə b ε - λ	k a p	t e s t ə
Walloon	(F) - -	$ \mathbf{f} \mathbf{i} \mathbf{v} \mathbf{j} - \mathbf{a} -$	· · · · · · · · · · · · · · · · · · ·	tf ε s - -
Friulian	p - e: 1	c a v ej	c a: f	t ε s t e
Romanian	p - 9 r	- - · - J	k a p	ts ea s t ə
	Ear	Eye	Nose	Nose-Nares
Latin	o: r i k l a -	- o - k u l u s	n a: s u s	
French	о в еј	- œ - j - - - -	n e	
Spanish	ore - x - a	- o - x - o	n a s o -	$ \mathbf{n} \mathbf{a} \mathbf{r} \mathbf{i} \mathbf{\theta} $
İtalian	orekkja	- o k k - j o -	n a: s o -	n a r i tf e
PortugueseBrazil		- o - - \lambda u -		n a r i s -
Portuguese	or ej ke	- o - - \lambda u -		n e r i f -
Catalan	u r ε - A ə		n a s	n a: r I s -
Walloon	o R aj	- u: - j - - - -	n e	
Friulian	o r e - 1 e	v o 1 i	n a: s	
Romanian	u r e - k - e	- o - k ^j	n a s	
	Mouth	Mouth-Gula	Tooth	Fingernail
Latin	b u k k a	g u 1 a	d - e n t e m	u n g - u 1 a
French	$b u - \int -$	g œ 1 -	$ \mathbf{d} $ - $ \tilde{\mathbf{a}} $ - $ $ - $ $ -	
Spanish	b o - k a	g o 1 a	d j e n t e -	u n - - - a
Italian	b o k k a	g o 1 a	$d \mid \epsilon \mid n \mid t \mid e \mid - \mid -$	u n g j a
PortugueseBrazil	b o - k e		$d \mid \tilde{e} \mid - \mid t f \mid i \mid - \mid - \mid$	u n - - - e
Portuguese	b o - k e		$\left d \left \widetilde{\mathbf{e}} \right - \left t \left \dot{\mathbf{t}} \right - \right - \right $	u n - - - e
Catalan	b o - k ə	g o 1 ə		
Walloon	b 5 k - -	g ø: j -	d e - - - -	
Friulian	$ b a - c \epsilon $	g 3 1 e	d i n t	$ \mathfrak{d} \mathfrak{g} \mathfrak{g}$ - $ \mathfrak{u} \mathfrak{d} \mathfrak{e}$
Romanian	b u - k ə	g u r ə	d i n t e - -	u n g j - - e
	Foot	Leg-Gamba	Leg-Perna	Leg-Petiolus
Latin	p - e - d e m	g a m b a	perna-	p e - t i o 1 u s
French	p j e - - -	3 a - b -		
Spanish	p j e - - -	g a m b a	p j e r n a	p e - θ i o 1 o -
Italian	p j ε: - d e -	g a m b a	$p \mid \epsilon \mid r \mid n \mid o \mid$	p i t t f - o 1 o -
PortugueseBrazil	p - ε		р в в и в -	
Portuguese	$p \mid - \mid \epsilon \mid - \mid - \mid - \mid -$		p e r n e -	
Catalan	$p - \epsilon w$	k a m b ə	$p \mid \epsilon \mid r \mid n \mid \vartheta \mid$ -	
Walloon	p - i:	dg		
Friulian	p - i: - t	j a m b e		p ε k o 1
Romanian	p i e z	g a m b ə	g a m b ə -	p i - tf j o r - -

	Kı	ne	e-	Ge	eni	JC	ulı	ım	ì		На	ano	d						Wing	g					В	el	ly							
Latin	g		e	n	i		k	u	1	u 1	m	a	n	u	m				a: 1	a					W	7	-	e :	n	t	r	e	m	
French	3		Э	n	u						m								e 1						v		-	ã	-	t	R	-	-	
Spanish	-																		a l													e		
Italian	ф									o									a l								,							
PortugueseBrazil																			a -															
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Catalan	3			n					λ										a l													Э	-	
Walloon	dз										m								e 1						V		-			t		-	-	
Friulian	dз									i									a 1	e												-	-	
Romanian								<u>' -</u>	-		m	_	_	Э	<u> </u> -														t	r	e	-	-	
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Latin								m										e a	k -				u n	1						s				
French		ã																- j		u					d		-	О	-	-	-	-		
Spanish	p	a	n	θ				a			e	n	t	-	ſ	a	ŋ	- a	k w															
Italian	p	a	n	tſ			a												k -				0		d		- :	0	s	s	o	-		
PortugueseBrazil	p	ŝ		S			g				ĩ	-	t	-	ſ	ŝ	n	- B	\mathbf{k} -	э		1	u -											
Portuguese		ŝ		s			g				ẽ	-	t	-	ſ	g	n	g -	k -	э		1	u -											
Catalan	_			ſ			Э									a			k -	э		λ			d		-	o	-	s	-	-		
Walloon		ã		s													,								d		- ;			_	_	_		
Friulian	_			ts			e												k w	3		1					v		-	s	_	_		
Romanian				t																-					d		-			_	_	_		
	_	_	_	Sp	_	_	_				Br	ea	st						Brea	ıst.	-Pe	ect	tus			_	art	_						
Latin								a				i			s				p -	e	k	t	u s		k		-		r	_				
French	e			o										-					p -	i							- (
Spanish				a				a				e							p -	e		tſ	0 -											
Italian	_			a				a				e									t				k	.	v	5	r	e				
PortugueseBrazil	i			a				g				ej									-				k			5						
Portuguese				a				g				ej							-	_					k			0						
Catalan				a				Э				i							p -	i			- -		k			5						
Walloon	-			a				-			ی	1							Р	1		·			k			1:						
Friulian				a				3			c	e	n	_	l_				p -	c		t			k			1:						
Romanian				a			-					a							Р р ј						K	• [,	4.	1					
Nomanian	Н	_	-	<u>a</u> Ar	_	_	_	е			Liv	_	_						Sun	C	Р	ι			2	111	า_(30	lic	cul	116			
Latin				m										k	a	t	11	m	s o:	1	e 1	m											u	S
French			_									w		_		-	_		0.01	1	C 1	.11											-	
Spanish	a	1		m							1	vv		3.7	0	ð	0		s o	1					3	1	,	• ·	ازن					
Italian		1			a						f					t			s o															
					a						f	_																						
PortugueseBrazil		W			g							-				d			s o															
Portuguese	a	1		m	g						f	-				ð	u	-	s o															
Catalan											f	-				-	-	-	s o															
Walloon	3:			m							f	-				t			s o	1	Э													
					_						f	_	i	Ιi	a	t	-	-							C)	r	_	_	_	1	i	-
Friulian Romanian				m m							f		_	J		t			s oa						0	Ι.		١						

	Moon	Star	Water	Rain
Latin	1 u: n a	- s t - e: 1 1 a	a - k ^w - a	p l u - w i a
French	1 y n -	e - t w a - 1 -	0	p 1 y i -
Spanish	l u n a	estre-ja	a - y w a	j - u - b j a
Italian	l u n a	- s t - e l l a	a k k w a	p j o d d - a
PortugueseBrazil	1 u - e	i s t r e - 1 e	a - g w e	$\left \int_{0}^{\infty} \left - \left u \right - \left v \right - \left v \right \right \right = v$
Portuguese	1 u - e	i	a - g w e	$\left \int \left - \left u \right - \left v \right - \left v \right \right \right $
Catalan	Λunə	$\frac{1}{2}$ $\frac{1}{8}$ $\frac{1}{8}$ $\frac{1}{8}$ $\frac{1}{8}$ $\frac{1}{8}$ $\frac{1}{8}$ $\frac{1}{8}$	aj - y w ə	
Walloon	$\begin{bmatrix} 1 & \alpha & n & \beta \\ 1 & \alpha & n & - \end{bmatrix}$	- s t - ø: - 1 -	EI - W -	p 1 u: - g - ə
Friulian	l u n e	$- s t - \epsilon - 1 e$		p 1 o j e
Romanian	l u n ə	- s t - ea	a - g - e a - p - ə	p l oa j e
Ttomanian	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	lakum
French	1 1 4 111 C 11	R A	в i v j е в	lak din
Spanish		r i - o -	B I V J C B -	1 a g o -
Italian	f j u m e -	r i - o -		1 a g o -
PortugueseBrazil		R i - M -		lagu-
Portuguese	f l u m i -	B i - W -		layu-
Catalan	1 1 u III 1 -	r i - w -		Λ a k
Walloon				
Friulian	f 1 u m - -		r i n i: - R - -	
	1 1 u III - -			
Romanian		r i - w -		
	C		Ctana	
Latin	Sea	Salt	Stone	Stone-Petra
Latin	m a r e	Salt s a: 1 e m	Stone s a k s u m	Stone-Petra p - e t r a
French	m a r e	Salt s a: 1 e m s ɛ 1 - -		Stone-Petra p - e t r a p j e - в -
French Spanish	m a r e m ε ε - m a r -	Salt s a: 1 e m s ε 1 s a 1 - -	s a k s u m	Stone-Petra p - e t r a p j e - в - p j e ŏ r a
French Spanish Italian	m a r e m ε в - m a r - m a r e	Salt s a: 1 e m s ε 1 - s a 1 - s a 1 e -	s a k s u m	Stone-Petra p - e t r a p j e - s - p j e ŏ r a p j e: t r a
French Spanish Italian PortugueseBrazil	m a r e m a r e m a r e m a r e	Salt s a: 1 e m s ε 1 s a 1 s a 1 e - s a w	s a k s u m s a s s o - s ej -	Stone-Petra p - e t r a p j e - в - p j e ŏ r a p j e: t r a p - e d r e
French Spanish Italian PortugueseBrazil Portuguese	m a r e m a r e m a r e m a r - m a r -	Salt s a: 1 e m s & 1 s a 1 e - s a w s a 1	s a k s u m	Stone-Petra p - e t r a p j e - в - p j e ð r a p j e: t r a p - e d r e p - e ð r e
French Spanish Italian PortugueseBrazil Portuguese Catalan	m a r e m ε ε - m a r e m a r - m a r - m a r -	Salt s a: 1 e m s a 1 s a 1 e - s a w s a 1 s a 1	s a k s u m s a s s o - s ej -	Stone-Petra p - e t r a p j e - в - p j e ð r a p j e: t r a p - e d r e p - e ð r e p - e ð r ə
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	m a r e m a r - m a r - m a r - m a r - m a r - m a r -	Salt s a: 1 e m s a 1 s a 1 e - s a w s a 1 s a 1 s a 1 s a 1 s e	s a k s u m s a s s o - s ej -	Stone-Petra p - e t r a p j e - s - p j e ŏ r a p j e: t r a p - e d r e p - e ŏ r e p - e ŏ r a p - i: - s -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	m a r e m ε ε - m a r - m a r - m a r - m a r - m a r - m a r - m a r -	Salt s a: 1 e m s ε 1 s a 1 e - s a v s a 1 s a 1 s a 1 s a 1 s a 1 s a 1	s a k s u m s a s s o - s ej -	Stone-Petra p - e t r a p j e - s - p j e ŏ r a p j e: t r a p - e d r e p - e ŏ r e p - e ŏ r e p - i: - s - p j e: - r e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	m a r e m a r - m a r - m a r - m a r - m a r - m a r - m a r - m a r - m a r - m a r - m a r -	Salt s a: 1 e m s s 1 s a 1 e - s a 1 s a 1 - s a 1 - s a r e -	s a k s u m	Stone-Petra p - e t r a p j e - в - p j e ŏ r a p j e: t r a p - e d r e p - e ŏ r e p - e ŏ r a p - i: - в - p j e: - r e p j a t r ə
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	m a r e m ε κ - m a r e m a r - m a r - m a r - m a r - m a r - m a r - s m a r - s m a r e Stone-Lapidem	Salt s a: 1 e m s ε 1 s a 1 e - s a 1 e - s a 1 e - s a 1 s a 1 s a 1 s a 1 s a 1 s a 1 s a 1 s a 1 s a 1	s a k s u m s a s s o - s ej - ∫ u - s ej - ∫ u -	Stone-Petra p - e t r a p j e - s - p j e ŏ r a p j e: t r a p - e d r e p - e ŏ r e p - e ŏ r e p j e: - r e p j a t r e Sand-Sabula
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	m a r e m a r - m a r - m a r - m a r - m a r - m a r - m a r - m a r - m a r - m a r - m a r -	Salt s a: 1 e m s s 1 s a 1 e - s a 1 s a 1 - s a 1 - s a r e -	s a k s u m s a s s o - s ej - ∫ u - s ej - ∫ u -	Stone-Petra p - e t r a p j e - в - p j e ŏ r a p j e: t r a p - e d r e p - e ŏ r e p - e ŏ r a p - i: - в - p j e: - r e p j a t r ə
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	m a r e m ε ε - m a r - m a r - m a r - m a r - m a r - m a r - m a r - m a r - s - m a r - m a r e Stone-Lapidem	Salt s a: 1 e m s ε 1 s a 1 e - s a w s a 1 s a 1 s a 1 s a 1 s a 1 s a 1 s a 1 s a 1 s a r e - Sand h a r e: n α	s a k s u m s a s s o - s ej - ∫ u - s ej - ∫ u -	Stone-Petra p - e t r a p j e - s - p j e ŏ r a p j e: t r a p - e d r e p - e ŏ r e p - e ŏ r e p j e: - r e p j a t r e Sand-Sabula
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	m a r e m ε κ - m a r e m a r - m a r - m a r - m a r - m a r - m a r - m a r e Stone-Lapidem l a p i d e m	Salt s a: 1 e m s ε 1 s a 1 e - s a 1 e - s a 1 e - s a 1 s a 1 s a 1 s a 1 s a 1 s a 1 s a 1 s a 1 s a 1	s a k s u m s a s s o - s ej - ∫ u - s ej - ∫ u -	Stone-Petra p - e t r a p j e - s - p j e ŏ r a p j e: t r a p - e d r e p - e ŏ r a p - e ŏ r a p - i: - s - p j e: - r e p j a t r a Sand-Sabula s a - b u l a
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian	m a r e m ε ε - m a r - m a r - m a r - m a r - m a r - m a r - m a r - m a r - s - m a r - m a r e Stone-Lapidem	Salt s a: 1 e m s e 1 s a 1 e - s a 1 s a 1 s a 1 s a r e n a o o a r e n o o a r e n o o a r e n o o a r e n o o a r e n o o a r e n o o a r e n o o a r e n o o a r e n o o a r e n o o a r e n o o a r e n o o a r e n o o a r e n o o a r e n o o a r e n o o a r e o o a r e n o o a r e n o o a r e n o o a r e n o o a r e n o o a r e n o o a r e n	s a k s u m	Stone-Petra p - e t r a p j e - s - p j e ŏ r a p j e: t r a p - e d r e p - e ŏ r e p - e ŏ r e p j e: - r e p j a t r e Sand-Sabula
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil	m a r e m ε κ - m a r e m a r - m a r - m a r - m a r - m a r - m a r - m a r e Stone-Lapidem l a p i d e m	Salt s a: 1 e m s e 1 - s a 1 e - s a 1 - s a 1 - s a 1 - s a r e - Sand h a r e: n q - a r e n a - a r e - e	s a k s u m s a s s o - s ej - ∫ u - s a b u l u m s a b - l s aj β - r u -	Stone-Petra p - e t r a p j e - s - p j e ð r a p j e: t r a p - e d r e p - e ð r e p - e ð r e p - i: - s - p j e: - r e p j a t r e Sand-Sabula s a - b u l a
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese	m a r e m ε κ - m a r e m a r - m a r - m a r - m a r - m a r - m a r - m a r e Stone-Lapidem l a p i d e m	Salt s a: 1 e m s e 1 - s a 1 e - s a 1 e - s a 1 - s a 1 - s a 1 - s a 1 - s a r e - Sand h a r e: n q - a r e n a - a r e - e - e r e - e - e r e - e	s a k s u m	Stone-Petra p - e t r a p j e - s - p j e ŏ r a p j e: t r a p - e d r e p - e ŏ r a p - e ŏ r a p - i: - s - p j e: - r e p j a t r a Sand-Sabula s a - b u l a
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	m a r e m ε κ - m a r e m a r - m a r - m a r - m a r - m a r - m a r - m a r e Stone-Lapidem l a p i d e m	Salt s a: 1 e m s e 1 - s a 1 e - s a 1 - s a 1 - s a 1 - s a r e - Sand h a r e: n q - a r e n a - a r e - e	s a k s u m	Stone-Petra p - e t r a p j e - s - p j e ŏ r a p j e: t r a p - e d r e p - e ŏ r a p - e ŏ r a p - i: - s - p j e: - r e p j a t r a Sand-Sabula s a - b u l a
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	m a r e m ε κ - m a r e m a r - m a r - m a r - m a r - m a r - m a r - m a r e Stone-Lapidem l a p i d e m	Salt s a: 1 e m s e 1 - s a 1 e - s a 1 e - s a 1 - s a 1 - s a 1 - s a 1 - s a r e - Sand h a r e: n q - a r e n a - a r e - e - e r e - e - e r e - e	S a k S u m	Stone-Petra p - e t r a p j e - s - p j e ŏ r a p j e: t r a p - e d r e p - e ŏ r a p - e ŏ r a p - i: - s - p j e: - r e p j a t r a Sand-Sabula s a - b u l a
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	m a r e m ε κ - m a r e m a r - m a r - m a r - m a r - m a r - m a r - m a r e Stone-Lapidem l a p i d e m	Salt s a: 1 e m s e 1 - s a 1 e - s a 1 e - s a 1 - s a 1 - s a 1 - s a 1 - s a r e - Sand h a r e: n q - a r e n a - a r e - e - e r e - e - e r e - e	s a k s u m	Stone-Petra p - e t r a p j e - s - p j e ŏ r a p j e: t r a p - e d r e p - e ŏ r e p - e ŏ r e p j e: - r e p j a t r e Sand-Sabula s a - b u l a

	Dust	Dust-Pulwus	Earth	Cloud
Latin	p u 1 w e r e m	p u 1 w u s	t - e r r a	n u: b e: s
French	b п q в		t - e - r -	n y
Spanish	2	p o 1 b o -	t j e - r a	n u b e -
İtalian	p o 1 v e r e -		$t - \epsilon r r a$	n u b e -
PortugueseBrazil		p 2 - - -	t - е - к в	n u v ej -
Portuguese		p p - - -	t - e - r s	n u v ēj -
Catalan		$\left \begin{array}{c cccccccccccccccccccccccccccccccccc$	t - ε - r ə	1
Walloon			t - E: - R -	
Friulian	p 2 1 v a r - -		$ \mathbf{t} \mathbf{j} \mathbf{\epsilon} - \mathbf{r} \mathbf{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 l i n a -	n j e - b - 1 a	
Italian	n u v o l a -	kalidzine-	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 z ej	$ n - \epsilon - v w - \epsilon $	
Portuguese	n u b l a d u	k e l i z ej	n - ε - v w - 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 κ - -	f y m e		s j ε 1 - -
Spanish	t - i n j e b 1 a s	f u m a t a		θ j e 1 o -
Italian	$ t - \epsilon 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	$\int \left \left s \right - \left - \right - \left \epsilon \right v \right - \left r \right 1$	f u m a s e		s - ε w
Catalan	t - ə n - e b r ə s			_ 1
				$ s - \epsilon 1 - -$
Walloon				s - i:
Friulian		f u m a t e		tl - i: 1 s - i: r
			tf ea tf - ə	tf - i: l - -
Friulian Romanian	Wind	Snow	Ice	tl - i: 1 s - i: r
Friulian Romanian Latin	Wind w - e n t u m		lce g e l u:	
Friulian Romanian Latin French	Wind w - e n t u m v - \tilde{a} - - - - -	Snow n - i w e m	ce g e l u: g ε l -	tf - i: l - -
Friulian Romanian Latin French Spanish	Wind w - e n t u m v - a b j e n t o -	Snow n - i w e m n j e b e -	ce g e l u:	s - i: B - -
Friulian Romanian Latin French Spanish Italian	Wind w - e n t u m v - α b j e n t o - v - ε n t o -	Snow n - i w e m n j e b e -	ce g e l u: g ε l -	
Friulian Romanian Latin French Spanish Italian PortugueseBrazil	Wind w - e n t u m v - α - - - b j e n t o - v - ε n t o - v - ε - t u -	Snow n - i w e m n j e b e -	ce g e l u:	s - i: B - -
Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Snow n - i w e m n j e b e -	ce g e l u: g ε l -	s i: B - -
Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Snow n - i w e m n j e b e -	ce g e l u:	s i: B - -
Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Snow n j e b e - n - ε v i - n - ε v i - n - ε w - n i f - -	ce g e l u: g ε l -	s i: B - -
Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Snow n - i w e m n j e b e -	ce g e l u: g ε l -	s i: B - -

	Smoke	Fire-Focus	Ash	Ash-Cinisia
Latin	f u: m u s	f - o k u m	k i n e - r e m	
French		f - ø	$\begin{vmatrix} s & g \end{vmatrix} - \begin{vmatrix} - & q & R \end{vmatrix} - \begin{vmatrix} - & - & - \end{vmatrix}$	
Spanish	- u m o -	f w e g o -		$\theta \mid e \mid n \mid i \mid \theta \mid a \mid -$
Italian	f u m o -	fwoko-	tf e n e - r e -	
PortugueseBrazil		f - o g u -	9 0 11 0 1 0	$ \mathbf{s} \mathbf{\tilde{i}} - - \mathbf{z} \mathbf{e} \mathbf{\tilde{j}}$
Portuguese	f u m u -	f - o g u -		$\begin{bmatrix} \mathbf{s} & \mathbf{\tilde{i}} & - & \mathbf{z} & \mathbf{e} \end{bmatrix}$
Catalan	f u m	$\begin{vmatrix} \mathbf{f} & \mathbf{j} & \mathbf{k} & \mathbf{j} \\ \mathbf{j} & \mathbf{k} & \mathbf{j} \end{vmatrix} = \mathbf{j}$	$ s \varepsilon n - d r a -$	- - - - - - -
Walloon	- 1 - 1 - 1	f - ø:	s e: d	
Friulian	f u m - -	f - u: k		$ \mathfrak{t} $ i $ \mathfrak{n} $ i $ \mathfrak{z} $ $ \mathfrak{e} $ -
Romanian	f u m	f - o k		t∫ e n u ∫ ə -
	Road	Road-Strata	Road-Camminus	Mountain
Latin	w i a	- s t r a: t a	k a m m i: n u m	m o n t e m
French	v w a		$\int \left \mathbf{a} \right - \mathbf{m} \left \tilde{\mathbf{\epsilon}} \right - \left - \right -$	m 3
Spanish	b i a	e s t r a d a	k a - m i n o -	m o n t e -
Italian	v i a	- s t r a d a	k a m m i n o -	m o n t e -
PortugueseBrazil	v i e	i s t r a d e	k a - m î n u -	m o - tf i -
Portuguese	v i e	i f t r a ð e	ke-minu-	m õ - t i -
Catalan	b i ə		k ə - m i	m u n
Walloon				
Friulian				m
Romanian				m u n t ε -
	Mountain-Montanea	Night	Day	Day-Diurnus
Latin	m o n t a: - n e a	n - o c t e m	d i e: s	d i u r n u m
French	m o - t a - n	n q i		3 - u r
Spanish	m o n t a - n - a	n - o - tf e -	d i a -	d j u r n o -
Italian	m o n t a n n - a	n - o t t e -	d i	dz - o r n o -
PortugueseBrazil	3	n - oj t i	d i e -	
Portuguese	m õ - t e - n - e	n - oj t i	d i e -	
Catalan	m u n t a - n - ə	n - i - t	d i ə -	3 - o r n
Walloon	m o - t a - n	n - y - t	ф u:	dz - u:
Friulian	$m \mid \mathfrak{o} \mid n \mid t \mid a \mid - \mid \mathfrak{p} \mid e \mid -$	n - o - t	d i	
Romanian	D D:	n - oa p t e -	z i	Mana Manan
Lotin	Day-Diurna	Day-Diurnata	Year	Name-Nomen
Latin French		d i u r n a: t a	a n n u m	n o m e n
		3 - u k n e	\tilde{a}	$ \mathbf{n} \widetilde{\mathfrak{I}} - - - $
Spanish Italian		x - o r n a d a	a - n o -	n orm o
PortugueseBrazil	7 2 1 1 2	dy o r n a t a -	a n n o -	n o: m e
Portuguese			e - n u -	n o m i -
Catalan	3 3 K N a		e - n u -	n o m i -
Walloon			$egin{array}{c c c c c c c c c c c c c c c c c c c $	n o m n o
Friulian		dz - o r n a d e		
Romanian		uz - 0 1 11 a u e	a - ŋ a n	n o ŋ n u m e -

	Name-Nominem	Tongue	ToDrink	ToEat
Latin	n o: m i n - e m	l i n gw - a	b i b - e r e	k o m e d e r e
French		$1 \left \tilde{a} \right - \left \tilde{g} \right - \left - \right $	р w a в -	
Spanish	n o m - b r e -	l e ŋ g w a	b e b - e r -	k o m e r -
Italian		l i n g w a	b e r e	
PortugueseBrazil		1 î - g w e	р е р – е в –	k o m e
Portuguese		1 î - g w e	b i β - e r -	k o m e - - - -
Catalan		- - 3 -	b ε w r ə	
Walloon		1 ẽ - - -	p w: r -	
		u u		
Friulian		$1 \stackrel{\circ}{\epsilon} n g - \epsilon$	b e v i - - -	
Romanian		1 i m b - ə	b ea	
	ToEat-Manducare	ToBite	ToBite-Morsicare	ToSuck
Latin	m a n d u k a: r e	m - o r d e: r e	m o r s i k a: r e	s u: g e r e
French	$\mathbf{m} \mid \tilde{\mathbf{a}} \mid - \mid \mathbf{z} \mid - \mid - \mid \mathbf{e} \mid - \mid - \mid$	ш - о в q - в -		s y s e
Spanish	mandukar-	m - o r ð e r -	m o - s - k a r -	
Italian	mandgare	m - o r d e r e	morsikare	
		m - о в d е в -	m u - s ə g a	s u g a в -
Portuguese	$m \tilde{e} - \tilde{g} - a r -$	m - u r ð e r -	mu - s ə g a r -	s u g a r -
Catalan	$\mathbf{m} \mid \mathfrak{d} \mid \mathfrak{g} \mid \mathfrak{g} \mid \mid \mathbf{a} \mid - \mid - \mid \mathfrak{g} \mid - \mid - \mid - \mid \mathfrak{g} \mid - \mid - \mid - \mid \mathfrak{g} \mid - \mid - \mid - \mid - \mid - \mid - \mid - \mid - \mid - \mid $		m u - s ə y a	
Walloon	m a n i:			s y s i: - -
Friulian	m a n f - a:	mwardi-		c u c a:
Romanian	m i n k a		m u r s e k a	s u dz e
	ToSpit	ToSpit-Exconspuere	ToSpit-Sputare	ToKnow
Latin	k o n s p u e r e		- s p u t e r e	s k i: r e
French				
Spanish		e s k u - p i r	e s p u t a r -	
Italian			- s p u t a r e	
PortugueseBrazil	k u - s p i r			
Portuguese	k u - f p i r - -			
Catalan		ə s k u - p i -		
Walloon				
Friulian			s p u d a:	
Romanian		- s k u j p a -		$\left \int \left t \right i \left - \right - \right $
	ToKnow-Sapere	ToKnow-Cognoscere		ToThink-Pensare
Latin	s a p - e r e	k o g n o: s k e r e		p e: n s a: r e
French	s a v w a r -	k σ - n ε - t κ		p a - s e - -
Spanish	sab-er-	k o - n o θ e r	kwidar-	pensar-
Italian	s a p - e r e	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	k - o dz i t a r e	p e n s a r e
PortugueseBrazil		k o - n e s - е в -	k - u 3 i t a r -	р ё - ѕав -
Portuguese	s e b - e r -	ku-nis-er-	k - u z i t a r -	p e - s a r -
Catalan	$s \mid \vartheta \mid \beta \mid - \mid \varepsilon \mid - \mid - \mid$	$k \mid u \mid - \mid n \mid \epsilon \mid \int \mid - \mid \vartheta \mid - \mid - \mid$	k - u - j d a	p ə n s a
Walloon	s a v - ø: r -	k i - n o h		$ p \tilde{\epsilon} - s e - -$
Friulian	s a v - e:	ko-nos-i-	1 1 1 1	peŋsa:
Romanian		k u - n oa ∫ t e - -	k - u dz e t a	p ə - s a - -

	ToFear	ToFear-Tremere	ToSleep	ToLive
Latin	t i m e: r e	t r e m - e r e	d - o r m i: r e	w i: w e r e
French		k к g - q - к -	d - э к m i к -	v i v - в -
Spanish	t e m e r -	t r e m - e r -	d - o r m i r -	b i b i r -
İtalian	t e m e r e	t r e m - a r e	d - o r m i r e	v i v e r e
PortugueseBrazil		t гем - ев -	q - о к m i к -	v i v e r -
Portuguese	t i m e r -	t r i m - e r -	d - u r m i r -	v i v e r -
Catalan	t e m ə		d - u r m i	b i w - r ə
Walloon			d w a в m i	
Friulian	t e m i	t r i m - a: - -	d - u r m i:	v i v i
Romanian	t e m e		d - o r m i	v i - a
	ToDie	ToKill	ToKill-Adnecare	ToKill-Tutari
Latin		n - e k a: r e		t u: - t a: r i
French	musis-	n w aj e		t - q - e - -
Spanish	morir-		a - n e g a r -	
Italian	m o r i r e		a n n e g a r e	
PortugueseBrazil	шоввв-			
Portuguese	muser-			
Catalan	muri-	n - ə g a - -		
Walloon	m 3 R i - -			t u w - e
Friulian	m u r i:			
Romanian	m u r i	n - e k a		
	ToKill-Mactare	ToKill-Occidere	ToFight	ToFight-Battuere
Latin	m a k t a: r e	o k k i: d e r e	p u g n a: r e	b a t t u e r e
French	m a - t e	э k s i в -		
Spanish	mal-ltar-		p u - n a r -	b a - t - i r -
Italian		u t f i d e r e	p u n n a r e	battt-ere
PortugueseBrazil	m a - t a r -			b a - t - e в -
Portuguese	m e - t a r -			b e - t - e r -
Catalan	m ə - t a - -	u k s i - - - -	p u - p a - -	b a - t - r ə
Walloon				b a t - e
Friulian	m a tf - a:			b a t - i
Romanian		u - tf i d e		b a t - e
	ToHunt-Captiare	ToHit	ToCut	ToCut-Curtare
Latin	k a p t i a: r e	p u l s a: r e	s - e k a: r e	k u r t a: r e
French	$\int_{a} a - s - e$	p u - s e	s j e - - -	
Spanish	k a - θ - a r -	pu-xar-	s - e g a r -	kortar-
Italian	k a t tf - a r e	p u l s a r e	s - e g a r e	
PortugueseBrazil	k a - s - a r -	b n - 2 a r -	s - e g a r -	kortar-
Portuguese	k e - s - a r -	$ p u - \int a f $	s - i y a r -	k u r t a r -
Catalan	k ə - s - a		$ s - \vartheta \gamma a - -$	
Walloon	$\mathfrak{t}\mathfrak{f} \mid \mathfrak{e} \mid - \mid \mathfrak{s} \mid - \mid \mathfrak{i}\mathfrak{t} \mid - \mid - \mid$			
Friulian	c a - tf - ax - -	p u 1 s a:	s - e - aː - -	
Romanian		p u 1 s a		

	ToCut-Excurtare	ToCut-Taliare	ToSplit	ToSplit-Scindere
Latin	e k s k u r t a: r e	t a: - 1 i a: r e	d i: w i d e r e	s k i n d e r e
French	e k u r t e	t a j e		$ s - \tilde{\epsilon} - d e - -$
Spanish		ta-x-ar-	d i b i d i r -	
Italian	- - s k o r t a r e	t a - K K a: r e	d i v i d e r e	$\int - i n d e r e$
PortugueseBrazil		t a - K - a r -	dzividzir -	
Portuguese		t e - \lambda - a r -	d i v i ð i r -	
Catalan		t ə - \lambda - a - -	d i b i d i	
Walloon		t ε - - j i: - -		
Friulian	- - s k u r t a: - -	t a j a:	$d \mid i \mid v \mid i \mid d \mid i \mid - \mid -$	
Romanian	s k u r t a	t ə j a	d i v i d e - -	
	ToSplit-Findere	ToSplit-Partire	ToSplit-Separare	ToStab
Latin	f i n d e r e	p a r t i: r e	s e: p a r a: r e -	p - u n g e r e
French	$ \mathbf{f} \mathbf{g} - \mathbf{g} - \mathbf{g} - \mathbf{g} $	b a r t i r -	s 9 - n r e	$ b m \xi - q - R -$
Spanish	e n d e r -	partir	s e p a r a r	
Italian	$f \mid \varepsilon \mid n \mid d \mid e \mid r \mid e$	p a r t i r e	s e p a r a r e -	p - u n dz e r e
PortugueseBrazil		b a R ft i R -	sebarar-	р - й - 3 і в -
Portuguese	$\left \begin{array}{c c} f & \tilde{e} \end{array} \right - \left \begin{array}{c c} d & e \end{array} \right r - \left \begin{array}{c c} c & c \end{array} \right $	p g r t i r -	s i p e r a r	$\begin{bmatrix} \mathbf{r} \\ \mathbf{p} \end{bmatrix} - \begin{bmatrix} \mathbf{\tilde{u}} \\ - \end{bmatrix} \begin{bmatrix} 3 \\ 3 \end{bmatrix} \begin{bmatrix} \mathbf{i} \\ \mathbf{r} \end{bmatrix} = \begin{bmatrix} \mathbf{r} \\ - \end{bmatrix}$
Catalan	$f \mid \varepsilon \mid n \mid d \mid - \mid r \mid \vartheta$	p ə r t i - -	$ s \ni p \ni r a - - -$	p - u n - i - -
Walloon	$ \mathbf{f} \mathbf{\tilde{\epsilon}} - \mathbf{t} - - - $	p 3: R t i		
Friulian		p a r t i: - -	s e p a r a:	1 1 1 1 1 1 1
Romanian	T. Otali, Inc., olama	T - O 4 - b	s e p a r a	pundge
Latin	ToStab-lugulare	ToScratch	ToScratch-Rasare	ToScratch-Rasicare
French		ra: u e r e	в а z е	
Spanish	3 y g y 1 e	r a - e r -	r a s a r	r a s k a r
Italian	j u g u 1 a: r e	r a d e r e	r a s a r e	I a s K a I
PortugueseBrazil	j u g u 1 a. 1 e	R a - 6 R -	в a z a в -	ва I ka к
Portuguese		R B - 6 L -	R S Z a L	в в р ка с
Catalan		r a w - r ə	r ə z a	r ə s k a -
Walloon		1 4 W 1 0	1 θ Δ α	I O O K a
Friulian		r a d a:	r a s a:	
Romanian		r a d e	1 4 5 4	
	ToScratch-Coctiare	ToDig	ToDig-Cavare	ToDig-Excavare
Latin		f o d e r e	k a w a: r e	e k s k a w a: r e
French		f w i в		
Spanish			k a b a r -	e s k a b a r
Italian			k a v a r e	s k a v a r e
PortugueseBrazil	k o s a 1		k e v a r -	i - f k e v a r -
Portuguese	k u s a r		k e v a r -	i - f k e v a r -
Catalan			k ə b a	
Walloon			ç a: v - 1 e	
Friulian			f a v a:	- - z f a v a: - -
Romanian				

	ToSwim	ToSwim-Navigare	ToFly	ToFly-Exvolare
Latin	n - a t a: r e	n a v i g a: r e	w o 1 a: r e	
French		n a 3 e	v o 1 e	
Spanish	n - a d a r -	n a b e g a r -	b o 1 a r -	
Italian	n w o t a r e	n a v i g a r e	v o l a r e	z v o l a r e
PortugueseBrazil	n - a d a в -	n a v i y a r -	v о - а в -	
Portuguese	n - e ð a r -	n e v i y a r -	v w - a r -	
Catalan	n - ə d a	n ə b ə g a	b u 1 a	
Walloon		n ε ʤ i:	v o 1 e	
Friulian	n - a d a:	n a v i g a:		z v o 1 a:
Romanian		n a v i g a		z b u r a
	ToWalk	ToWalk-Marcher	ToWalk-Mergere	ToWalk-Ambitare
Latin			m e r g e r e	a m b i t a: r e
French	$\int \left \mathbf{a} \right \mathbf{m} \left \mathbf{i} \right \mathbf{n} \left \mathbf{e} \right - \left - \right - \left - \right $	m a r f e		
Spanish	k a m i n a r			a n d - - a r -
Italian	k amm i n a r e		$m \mid \varepsilon \mid r \mid d_{\mathcal{S}} \mid e \mid r \mid e$	a n d a r e
PortugueseBrazil	k s m i h a r			§ - d - - а в -
Portuguese	k e m i n a r			
Catalan	k ə m i n a			
Walloon	tf i m i n e - - -	m a: R f i:		
Friulian	c a m i n a:			
Romanian			m e r dz e	
	ToCome	ToLieAsInABed	ToLieAsInABed-lacere	ToSit
Latin	w e n i: r e	e k s t e n d e r e	j a - k e: r e	s - e d e r e
French	w e n i: r e v ə n i ʁ -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	j a - k e: r e 3 e - z i в -	s - e d e: r e s w a
	w e n i: r e v ə n i в - b e n i r -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	j a - k e: r e 3 e - z i в - j a - θ e r -	s - e d e: r e s w a r -
French Spanish Italian	w e n i: r e v ə n i в - b e n i г - v e n i г e	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	j a - k e: r e 3 e - z i в - j a - θ e r - dz a - tf e: r e	s - e d e: r e s w a r - s - e d e r e
French Spanish Italian PortugueseBrazil	w e n i r e v a n i r - v e n i r - v e n i r -	e k s t e n d e r e e - t a - d -	j a - k e: r e 3 e - z i κ - d3 a - ff e: r e 3 c - z e κ -	s - e d e: r e s w a r - s - e d e r e s - e r -
French Spanish Italian PortugueseBrazil Portuguese	v - - i r - v e n i r - v e n i r - v - i r - v - i r - v - i r - v - i r -	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	j a - k e: r e 3 e - z i	s - e d e: r e s w a r - s - e d e r e
French Spanish Italian PortugueseBrazil Portuguese Catalan	w e n i: r e v ə n i r - b e n i r - v e n i r - v - i r - b ə n i -	e k s t e n d e r e e - t a - d -	j a - k e: r e 3 e - z i в - d a - t e: r e 3 e - z e r - 3 a w r ə	s - e d e: r e s w a r - s - e d e r e s - e r -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	w e n i: r e v a n i r - b e n i r - v - - i r - v - - i r - v - - i r - v i n i - - v i n i - -	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	j a - k e: r e 3 e - z i в - d a - t e: r e 3 e - z e в - 3 e - z e в - 3 a w - r e d a w - r e d a w - r e	s - e d e: r e s w a r - s - e d e r e s - e r -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	w e n i: r e v a n i r - v e n i r - v - i r - v - i r - v i n i - v i n i - v i n i - v i n i - v i n i -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	j a - k e: r e 3 e - z i в - j a - θ e r - dz a - t e: r e 3 e - z e в - 3 e - z e r - 3 a w - r e - j e - s i -	s - e d e: r e s w a r - r s - e d e r e s - e r -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	w e n i: r e v a n i r - v e n i r - v - i r - v i n i - v i n i - v i n i - v i n i - v e n i -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	j a - k e: r e 3 e - z i в - j a - θ e r - dg a - tf e: r e 3 e - z e в - 3 e - z e r - 3 a w - r e - j e - s i - z ə - tf ea -	S - e d e r e s w a - r - s - g - r - s - g - r - s - g - r - -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	w e n i: r e v ə n i u - b e n i r - v e n i r e v - i u - i r - b a n i - v i n i - v e n i - v e n i - r	e k s t e n d e r e e - t ã - d - в e k s t e n d e r - e - s t ε n d e r e i s t ẽ - d e в i ∫ t ẽ - d e г - ə - s t e n d - r ə e k s t i n d e	j a - k e: r e 3 e - z i s - dg a - tf e: r e 3 r - z e s - 3 r - z e s - 3 r w - r e j e - s i - z e r - z e r - ToStand-Levare	S - e d e: r e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	w e n i: r e v a n i r - v e n i r - v - i r - v i n i - v i n i - v i n i - v i n i - v e n i -	e k s t e n d e r e e - t ã - d - в e k s t e n d e r e - s t ε n d e r e i s t ẽ - d e в i ∫ t ẽ - d e г ə - s t e n d - r ə e k s t i n d e ToStand	j a - k e: r e 3 e - z i в - j a - θ e r - d a - f e: r e 3 e r z e в - 3 e r z e в - 3 e r z e r - 3 a w - r e j e - s i - z θ - f ea - ToStand-Levare l e v a: r e	s - e d e: r e s w a в - s - e r - s - e d e r e s - e в - s - e г - ToStand-Altiare - a l t i a: r e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	w e n i: r e v ə n i u - b e n i r - v e n i r e v - i u - b ə n i - v i n i - v i n i - v e n i - r osit-Sedentare s e d e n t a: r e	e k s t e n d e r e e t α - d - e -	j a - k e: r e 3 e - z i s - j a - θ e r - d a - t e: r e 3 e r z e s - 3 e r z e s - 3 e r z e r - 3 a w - r e - j e - s i - z θ - t ea ToStand-Levare l e v a: r e l θ v e	S
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	w e n i: r e v ə n i u - b e n i r - v e n i r e v - i u - i r - b a n i - v i n i - v e n i - v e n i - r	e k s t e n d e r e e - t ã - d - s e k s t e n d e r - e - s t ɛ n d e r - i ∫ t ẽ - d e s i ∫ t ẽ - d e r - ə - s t e n d - r ə e k s t i n d e ToStand - s t a: r e ɛ - t - s e s t a r -	j a - k e: r e 3 e - z i s - j a - θ e r - dz a - t e: r e 3 e - z e s - 3 e - z e r - 3 a w - r e - j e - s i - z e - t ea - ToStand-Levare l e v a: r e l e v e j e b a r -	S
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian	w e n i: r e v ə n i в - b e n i r - v e n i r e v - i в - b ə n i - v i n i - v e n	e k s t e n d e r e e - t ã - d - s e k s t e n d e r - e - s t ɛ n d e r - i ∫ t ẽ - d e s i ∫ t ẽ - d e r - ə - s t e n d - r ə ToStand - s t a: r e ɛ - t - s - e s t a r s t a r e	j a - k e: r e 3 e - z i в - j a - θ e r - dg a - tf e: r e 3 e - z e в - 3 e - z e r - 3 a w - r e j e - s i - z θ - r e j e - s i - z θ - r e l θ v a: r e l θ v a r e	S e d e: r e s w a u - s - e d e r e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil	w e n i: r e v ə n i	e k s t e n d e r e e - t ã - d - s e k s t e n d e r - e - s t e n d e r - i ∫ t ē - d e s i ∫ t ē - d e r - ə - s t e n d e r - ToStand - s t a r e i ∫ t a r -	j a - k e: r e 3 e - z i в - j a - θ e r - dg a - tf e: r e 3 e - z e в - 3 e - z e r - 3 a w - r e - j e - s i - z θ - tf ea ToStand-Levare l e v a: r e l e v a r e l e v a в -	S - e d e: r e S w a B - S - e d e r e S - e r - S - e d e r - E - S - e d e r - E
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese	w e n i: r e v ə n i в - b e n i r - v e n i r e v - i в - b ə n i - v i n i - v e n	e k s t e n d e r e e - t ã - d - s e k s t e n d e r - e - s t e n d e r - i ∫ t ẽ - d e s i ∫ t ẽ - d e r - ə - s t e n d e r - ToStand - s t a r e i ∫ t a r - i ∫ t a r - i ∫ t a r - i ∫ t a r -	j a - k e: r e 3 e - z i s - j a - θ e r - dg a - tf e: r e 3 e - z e s - 3 a w - r e j e - s i - z θ - r e j e - s i - z θ - r e l e v a: r e l e v a r e l e v a r e l e v a r - l e v a r - l e v a r -	S - e d e: r e S w a r - r - r - r - r - r - r - r - r
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	w e n i: r e v ə n i	e k s t e n d e r e e - t ã - d - s e k s t e n d e r e - s t ɛ n d e r i ∫ t ẽ - d e s i ∫ t ẽ - d e r a - s t e n d e r e k s t i n d e TOStand - s t a r e i ∫ t a r - i ∫ t a r - a s t a r - a s t a r - s t a r -	j a - k e: r e 3 e - z i s - j a - θ e r - dg a - ff e: r e 3 e - z e s - 3 e - z e r - 3 a w - r e j e - s i - z θ - f ea - ToStand-Levare l e v a: r e l e v a r e l e v a r e l i v a r - f θ b a	S - e d e: r e S w a B - S - e d e r e S - e r - S - e d e r - E
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	w e n i: r e v ə n i ı	e k s t e n d e r e e - t ã - d - s e k s t e n d e r e - s t ɛ n d e r i ∫ t ẽ - d e s ə - s t e n d - r ə e k s t i n d e ToStand - s t a: r e ɛ - t - s e s t a r s t a r s t a r s t a r s t a r s t a r s t a r s t a r -	j a - k e: r e 3 e - z i s - j a - θ e r - d a - t e: r e 3 e r z e s - 3 e r z e s - 3 e r z e r - 3 a w - r e j e - s i - z θ - t ea - ToStand-Levare l e v a: r e l θ v a: r e l e v a r e l e v a r e l e v a r e l e v a r - l e v a r - l θ θ a l θ ν e - l θ ν e l θ ν e l θ ν e l θ ν e	S - e d e: r e S w a B - S - e - r r - S - e d e r e S - e - r r - S - e d e r - r r - S - e d e r - r - r - r - r - r - r - r - r -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	w e n i: r e v ə n i	e k s t e n d e r e e - t ã - d - s e k s t e n d e r e - s t ɛ n d e r i ∫ t ẽ - d e s i ∫ t ẽ - d e r a - s t e n d e r e k s t i n d e TOStand - s t a r e i ∫ t a r - i ∫ t a r - a s t a r - a s t a r - s t a r -	j a - k e: r e 3 e - z i s - j a - θ e r - dg a - ff e: r e 3 e - z e s - 3 e - z e r - 3 a w - r e j e - s i - z θ - f ea - ToStand-Levare l e v a: r e l e v a r e l e v a r e l i v a r - f θ b a	S - e d e: r e S w a B - S - e r - S - e d e r e S - e r - S - e r - S - e d e r e S - e r - S - e d e r e S - e r - S - e d e r e S - e r - S - e d e r e S - e r - S - e d e r e S - e A d fiare S - a r e - A d fi s a r e - A d fi s a r e - A d fi s - a r e - A d fi s - a r - A d fi s - A

	ToTurnIntransitive	ToTurnIntransitive- Gyrare	ToTurnIntransitive- AncestralClass3	ToTurnIntransitive- Torquere
Latin	t o r n a: r e	g y r a: r e		t o r k ^w e: r e
French	t u в n e	3 i R 6	v i в e	t э к q - к -
Spanish	tornar-	x i r a r -	b i r a r -	t o r θ e r -
Italian	t o r n a r e	фігаге	v i r a r e	t ortfere
PortugueseBrazil	t о в и а в -	3 i r a r -	v i r a r -	t u r s e r -
Portuguese	t u r n a r -	$\frac{3}{3}$ i r a r -	3 i r a r -	t u r s e r -
Catalan	t u r n a	3 i r a	b i r a	t o r s ə
Walloon	t u: r n e	3 1 1 1 4	v i r e	
Friulian		dʒ i r a:		
	t o r n a:	ug I F a: - -	dg i r a: - -	. .c
Romanian	t u r n a - -			t oa r tf e
	ToFall	ToFall-Tumbare	ToHold	ToHold-Segurar
Latin	k - a d e r e		t e n - e r e	
French	$\int \mathbf{w} \mathbf{a} - \mathbf{r} \mathbf{R} -$	t õ – b e –	t 9 u - i r -	
Spanish	k - a - e r -	t u m b a r	t e n - e r -	s e g u r a r
Italian	k - a d e r e		t e n - e r e	
PortugueseBrazil	k - e - i r -	t o - p a r	t e r	s i g u r a r
Portuguese	k - e - i r -	t õ - b a r	t e r -	s i y u r a r
Catalan	k - a w - r ə	t u m b a -	t ə n - i - -	
Walloon	tf - ε: R -	t u m - e -	t i n - i - -	
Friulian	tf j a d e		t i n j i	
Romanian	k ə d ea		ts i n - e	
		ToSqueeze-Serrere	ToSqueeze-Serare	ToSaucozo
	TOSCHEEZE			10.5000eeze=
	ToSqueeze	103queeze-Serrere	100queeze-Serare	ToSqueeze-
Latin	·			Appectorare
Latin French	e k s p r i m - e :	r es e r r e r e	s e - r a r e	
French	e k s p r i m - e :	es e r r e r e	s e - r a r e	Appectorare a p p e k t o r a: r e
French Spanish	е k s p r i m - е : е р в є - d - п е k s p r е m - і	es e r r e r e s - r + s e - r a r -	s e - r a r e θ e - r a r -	Appectorare
French Spanish Italian	е k s p r i m - е : е р в є - d - п е k s p r е m - і і s p r є m - е :		s e - r a r e s e - r a r - s e r r a r e	Appectorare a p p e k t o r a: r e a - p - r e t a r
French Spanish Italian PortugueseBrazil	e k s p r i m - e : e p s $\tilde{\epsilon}$ - d - 1 e k s p r e m - i s p r ϵ m - e : i - \int p r δ m - e :	r es e r r e r e r - s e - r a r - r e s - s e - k a -	s e - r a r e s e r r a r e s i - в a r -	Appectorare a p p e k t o r a: r e a - p - r e t a r
French Spanish Italian PortugueseBrazil Portuguese	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		s e - r a r e s e - r a r - s e r r a r e	Appectorare a p p e k t o r a: r e
French Spanish Italian PortugueseBrazil Portuguese Catalan	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	r es e r r e r e r - s e - r a r - r e s - s e - k a -	s i - κ a r e s e - r a r e s e r r a r e s e r r a r -	Appectorare a p p e k t o r a: r e a - p - r e t a r
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	r es e r r e r e r - s e - r a r - r e s - s e - B a r - s b - R a r - - s b - r a -	s e - r a r e s e r r a r e s i - в a r -	Appectorare a p p e k t o r a: r e a - p - r e t a r
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	r es e r r e r e r - s e - r a r - r e s - s e - B a r - s b - R a r - - s b - r a -	s i - κ a r e s e - r a r e s e r r a r e s e r r a r -	Appectorare a p p e k t o r a: r e a - p - r e t a r
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	r es e r r e r e r + s e - r a r - r e s - s e - B a r s a - R a r - - s a - r a -	s e - r a r e s e - u e - - - θ e - u u - </td <td>Appectorare a p p e k t o r a: r e a - p - - r e t a r e - p i - r - t a r e - p i - r - t a r </td>	Appectorare a p p e k t o r a: r e a - p - - r e t a r e - p i - r - t a r e - p i - r - t a r
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	e k s p r i m - e r e e e e - p s \tilde{\epsilon} - d - r e r	r es e r r e r e r e r e r e r e r e r e	s i - κ a r e s e - r a r e s e r r a r e s e r r a r -	Appectorare a p p e k t o r a: r e a - p - - r e t a r e - p i - r - t a r e - p i - r - t a r ToRub-Frictare
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	e k s p r i m - e r e - p s \tilde{\varepsilon} = d - p s \tilde{\varepsilon} = d - p	r es e r r e r e r e r e r e r e r e r e	s e - r a r e s e - u e - - - θ e - u u - </td <td>Appectorare a p p e k t o r a: r e a - p - - r e t a r e e - p i - r - t a r e - p i - r - t a r ToRub-Frictare f r i k t a: r e </td>	Appectorare a p p e k t o r a: r e a - p - - r e t a r e e - p i - r - t a r e - p i - r - t a r ToRub-Frictare f r i k t a: r e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	e k s p r i m - e e - p s \tilde{\epsilon} = d - p s \tilde{\epsilon} = d - p s \tilde{\epsilon} = d - p s p r \tilde{\epsilon} = m - e s s p r s m -	r es e r r e r e r e r e r e r e r e r e	s e - r a r e s e - u e - - - θ e - u u - </td <td>Appectorare a p p e k t o r a: r e a - p - - r e t a r e - p i - r - t a r e - p i - r - t a r e - p i - r - t a r e f g o t e - - - </td>	Appectorare a p p e k t o r a: r e a - p - - r e t a r e - p i - r - t a r e - p i - r - t a r e - p i - r - t a r e f g o t e - - -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	e k s p r i m - e r e - p s \tilde{\varepsilon} = d - p s \tilde{\varepsilon} = d - p	r es e r r e r e r e r e r e r e r e r e	s e - r a r e s e - u e - - - θ e - u u - </td <td>Appectorare a p p e k t o r a: r e a - p - - r e t a r e e - p i - r - t a r e e - p i - r - t a r e e - p i - r - t a r e f r i k t a: r e f r o t a r - - </td>	Appectorare a p p e k t o r a: r e a - p - - r e t a r e e - p i - r - t a r e e - p i - r - t a r e e - p i - r - t a r e f r i k t a: r e f r o t a r - -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	e k s p r i m - e e - p s \tilde{\epsilon} = d - p s \tilde{\epsilon} = d - p s \tilde{\epsilon} = d - p s p r \tilde{\epsilon} = m - e s s p r s m -	r es e r r e r e r e r e r e r e r e r e	s e - r a r e s e - u e - - - θ e - u u - </td <td>Appectorare a p p e k t o r a: r e a - p - - r e t a r e - p i - r - t a r e - p i - r - t a r e - p i - r - t a r e f g o t e - - - </td>	Appectorare a p p e k t o r a: r e a - p - - r e t a r e - p i - r - t a r e - p i - r - t a r e - p i - r - t a r e f g o t e - - -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	e k s p r i m - e : e p s ɛ̃ - d - r e k s p r e m - i s p r ɛ m - e : i - ∫ p r ə m - e : i - ∫ p r ə m - e : a - s p r e m - a e - s p r i m - i - s k - r e m e Tosqueeze-Stringere - s t r i n g e r e - t s ɛ̃ - d - s e s t r e n - i r - s t r i n dz e r	r es e r r e r e r e r e r e r e r e r e	S e - r a r e e	Appectorare a p p e k t o r a: r e a - p - - r e t a r e e - p i - r - t a r e e - p i - r - t a r e e - p i - r - t a r e f r i k t a: r e f r o t a r - -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	r es e r r e r e r e r e r e r e r e r e	S e - r a r e	Appectorare a p p e k t o r a: r e a - p - - r e t a r e e - p i - r - t a r e e - p i - r - t a r e e - p i - r - t a r e f r i k t a: r e f r o t a r - -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	e ToRub Torus	S e - r a r e e	Appectorare a p p e k t o r a: r e a - p - - r e t a r e e - p i - r - t a r e e - p i - r - t a r e e - p i - r - t a r e f r i k t a: r e f r o t a r - -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	e k s p r i m - e : e p s ɛ̃ - d - r e k s p r e m - i : s p r ɛ m - e : i - ∫ p r ə m - e : i - ∫ p r ə m - e : i - ∫ p r ə m - e : i - ∫ p r ə m - e : i - ∫ p r ə m - e : i - ∫ p r ə m - e : i - ∫ p r ə m - e : i - ∫ p r ə m - i - e : i - ∫ t r i n g e r e e s t r e n - i r s t r i n d; e r e s f t r i n d; e r e s f t r i n d; e r e s f t r i n d; e r e s f t r i n d; e r e s f t r i n d; e r e s f t r i n d; e r e	r es e r r e r e r e r e r e r e r e r e	S e - r a r e	Appectorare a p p e k t o r a: r e a - p - - r e t a r e - p i - r - t a r e - p i - r - t a r e - p i - r - t a r f r i k t a: r e f g o t a r - f r e t t a r e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	e k s p r i m - e : e p s ɛ̃ - d - r e k s p r e m - i : s p r ɛ m - e : i - ∫ p r ə m - e : i - ∫ p r ə m - e : i - ∫ p r ə m - e : i - ∫ p r ə m - e : i - ∫ p r ə m - e : i - ∫ p r ə m - e : i - ∫ p r ə m - e : i - ∫ p r i m - i - s k - r e m e - ToSqueeze-Stringere - s t r i n g e r e e - t s ɛ̃ - d - s e s t r e n - i r - s t r i n dʒ e r ə ∫ t r ĩ - ʒ i r ə ∫ t r ĩ ʒ i r - ə s t r i n g e	r es e r r e r e r e r e r e r e r e r e	S e - r a r e	Appectorare a p p e k t o r a: r e a - p - - r e t a r e e - p i - r - t a r e e - p i - r - t a r e e - p i - r - t a r e f r i k t a: r e f r o t a r - -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	e k s p r i m - e : e p s ɛ̃ - d - r e k s p r e m - i : s p r ɛ m - e : i - ∫ p r ə m - e : i - ∫ p r ə m - e : i - ∫ p r ə m - e : i - ∫ p r ə m - e : i - ∫ p r ə m - e : i - ∫ p r ə m - e : i - ∫ p r ə m - e : i - ∫ p r ə m - i - e : i - ∫ t r i n g e r e e s t r e n - i r s t r i n d; e r e s f t r i n d; e r e s f t r i n d; e r e s f t r i n d; e r e s f t r i n d; e r e s f t r i n d; e r e s f t r i n d; e r e	r es e r r e r e r e r e r e r e r e r e	S e - r a r e	Appectorare a p p e k t o r a: r e a - p - - r e t a r e - p i - r - t a r e - p i - r - t a r e - p i - r - t a r f r i k t a: r e f g o t a r - f r e t t a r e

	ToRub-Frictiare	ToWash	ToWipe	ToWipe-Extergere
Latin		l a w a: r e	t e r g e r e	ekstergere
French		1 a v e	1 1 1 3 1 1	
Spanish	f r i s a r	1 a β a r -		e - s t a r s i r -
Italian	1-1-1-1-1-1-1-1	l a v a r e	t ε r dz e r e	
PortugueseBrazil		l e v a r -	0 0 1 0 1 0	
Portuguese		l e v a r		
Catalan	f r ə s a -	б b a		
Walloon	1 1 0 3 4	1 a v e		0 3 t 0 1 3 1
Friulian		1 a v c		
Romanian		1 a v a. 1 a		- - \int e r dz e - -
Ttomaman	ToWipe-Exsucare	ToWipe-Limpidare	ToPull	ToPull-Pulsare
Latin		l i m p i d a: r e	t i r a: r e	p u 1 s a: r e
French	e - s y i - j e		t i r e	p u - s e
Spanish	e n x - u g - a r -	l i m p j - a r -	t i r a r -	p u - x a r -
Italian	$\begin{bmatrix} a & f & f & f & f \\ f & f & f & g & g \end{bmatrix} - \begin{bmatrix} a & f & f \\ g & g & g \end{bmatrix} = \begin{bmatrix} a & f & g \\ g & g & g \end{bmatrix}$	1 1 m P J	t i r a r e	p u l s a r e
PortugueseBrazil		1 î - n - - a c -	t i r a r e	$p u - \int a r -$
Portuguese	$\tilde{e} - \int - u y - a r$		t i r a r -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan	$\begin{vmatrix} \mathbf{a} \\ \mathbf{b} \end{vmatrix} - \begin{vmatrix} \mathbf{a} \\ \mathbf{b} \end{vmatrix} - \begin{vmatrix} \mathbf{a} \\ \mathbf{a} \end{vmatrix} - \begin{vmatrix} \mathbf{a} \\ \mathbf{c} \end{vmatrix} - \begin{vmatrix} \mathbf{a} \\ \mathbf{c} \end{vmatrix} - \begin{vmatrix} \mathbf{c} \\ \mathbf$	$ 1 1 \mathbf{p} \mathbf{a} 1 $	t i r a r	$ \mathbf{p} \mathbf{u} \mathbf{j} \mathbf{a} \mathbf{I} $
Walloon	- s - u - w e		t i r e	p u: s i: - - -
Friulian	- s - u - w e s - u - j a:		t i r a:	p u l s a:
Romanian			t 1 1 a. - -	-
Nomanian		T. D l.		p u 1 s a
			Lolbrow	LO I brow Lancoaro
Latin	ToPull-Trahere	ToPush	ToThrow	ToThrow-Lanceare
Latin	t r a h e r e	i m p i n g e r e	j a k t a: r e	l a n k e a: r e
French			j a k t a: r e 3 ə - t e	l a n k e a: r e l ñ a - s - e
French Spanish	t r a h e r e t r a h e r r	i m p i n g e r e	j a k t a: r e 3	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
French Spanish Italian	t r a h e r e t r a r - r e		j a k t a: r e 3 ə - t e e - tf a r dg e t t a r e	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
French Spanish Italian PortugueseBrazil	t r a h e r e t r a r - r e t r a z e	i m p i n g e r e	j a k t a: r e 3 ə - t e e - t a r - d e t t a r e 3 ej t a r -	1 a n k e a: r e 1 α - s - e 1 a n θ - a r - 1 a n ff a r e - 1 ε - s - a
French Spanish Italian PortugueseBrazil Portuguese	t r a h e r e t r a z e - t r g z e r -	i m p i n g e r e	j a k t a: r e 3 ə - t e e - t a r e 3 e j t a r - 3 e j t a r -	1 a n k e a: r e 1 α - s - e 1 a n θ - a r - 1 a n ξ a r e - 1 ε - s - a 1 ε - s - a r -
French Spanish Italian PortugueseBrazil Portuguese Catalan	t r a h e r e t r a r - r e t r a z e	i m p i n g e r e	j a k t a: r e 3 ə - t e e - t a r e 3 ej t a r - 3 ej t a r - x i t a	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	t r a h e r e t r a r - r e t r a z e t r e z e r - t r e y z e r -	i m p i n g e r e	j a k t a: r e 3 ə - t e e - t a r e 3 e j t a r - 3 e j t a r -	1 a n k e a: r e 1 α n b e a: r e 1 a n θ a r e 1 a n f a r e 1 ε e a: r e 1 a n f a r e 1 ε e a: r e 1 a n f a r e 1 ε e a: r e 1 a n f a r e 1 a n c e i: e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	t r a h e r e t r a r - r e t r a z e r - t r a r - r a t r a r - r a t r a r - r a t r a r - r a t r a r - r a t r a r - r a t r a r r a r r a r r	i m p i n g e r e i m p i n d e r e i m p ε n d e	j a k t a: r e 3 ə - t e e - t a r e 3 ej t a r - 3 ej t a r - x i t a	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	t r a h e r e t r a r - r e t r a z e - t r e z e r - t r e w - r a t r a g t r a g e	i m p i n g e r e e	j a k t a: r e 3 θ - t e e - tf a r dg e t t a r e 3 ej t a r x i t a dg ε t e	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	t r a h e r e t r a r - r e t r a z e - t r e z e r - t r e z e r - t r a d e - ToThrow-Eruncare	i m p i n g e r e i m p i n d e r e i m p i n d e r i m p i n d e ToTie	j a k t a: r e 3 ə - t e e - tf a r - dg e t t a r e 3 ej t a r - x i t a dg ɛ t e	1 a n k e a: r e 1 α - s - e - 1 a n θ - a r - 1 a n f a r e - 1 ε - s - a - 1 ε - s - a r - λ a n s - a - 1 a n f a:
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	t r a h e r e t r a r - r e t r a z e - t r e z e r - t r e w - r e t r a g t r a d e -	i m p i n g e r e i m p i n d e r e i m p i n d e r e i m p i n d e ToTie l i g a: r e	j a k t a: r e 3 θ - t e e - tf a r dg e t t a r e 3 ej t a r x i t a dg ε t e	1 a n k e a: r e 1 α - s - e - 1 a n θ - a r - 1 a n f a r e - 1 ε - s - a - 1 ε - s - a r - λ a n s - a - 1 a n t a r e - 1 ε - s - a r - λ a n s - a 1 a n t a r e -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	t r a h e r e t r a r - r e t r a z e - t r z z e r t r z z e r t r a dz e - ToThrow-Eruncare e: - r u n k a: r e	i m p i n g e r e i m p i n d e r e i m p i n d e r e i m p i n d e r ToTie l i g a: r e l i - e	j a k t a: r e 3 θ - t e e - tf a r - dy e t t a r e 3 ej t a r x i t a dy ε t e ToTie-Aptare a p t a: r e	1 a n k e a: r e 1 α - s - e 1 a n θ - a r - 1 a n t a r e - 1 ε - s - a 1 ε - s - a r - 1 ε - s - a r - 1 a n c - i: 1 a n t a:
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	t r a h e r e t r a r - r e t r a z e - t r e z e r - t r e w - r a t r a g ToThrow-Eruncare e: - r u n k a r e	i m p i n g e r e i m p i n d e r e i m p i n d e r e i m p i n d e r ToTie l i g a: r e l i - e l e g a r -	j a k t a: r e 3 ə - t e e - tf a r - dg e t t a r e 3 ej t a r - x i t a dg ɛ t e	1 a n k e a: r e 1 α - s - e 1 a n θ - a r - 1 a n t a r e - 1 ε - s - a 1 ε - s - a r - 1 ε - s - a r - 1 a n c - i: 1 a n t a: ToSew k o: n - s u e r e k u - d в - k o s - e r -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian	t r a h e r e t r a r - r e t r a z e - t r z z e r t r z z e r t r a dz e - ToThrow-Eruncare e: - r u n k a: r e	i m p i n g e r e i m p i n d e r e i m p i n d e r e i m p i n d e r ToTie l i g a: r e l i - e	j a k t a: r e 3 θ - t e e - t a r e 3 e t t a r e 3 e j t a r x i t a d ε t e ToTie-Aptare a p t a: r e a - t a r -	1 a n k e a: r e 1 α - s - e 1 a n θ - a r - 1 a n f a r e - 1 ε - s - a 1 ε - s - a 1 ε - s - a 1 ε - s - a 1 a n c - i: 1 a n f a: ToSew k o: n - s u e r e k u - d в - k u - f - f - i r e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil	t r a h e r e t r a r - r e t r a z e - t r e z e r - t r e w - r a t r a g ToThrow-Eruncare e: - r u n k a r e	i m p i n g e r e i m p i n d e r e i m p i n d e r e i m p i n d e r ToTie l i g a: r e l i - e l e g a r -	j a k t a: r e 3 θ - t e e - t a r e 3 e t t a r e 3 e j t a r 3 e j t a r x i t a d ε t e ToTie-Aptare a p t a: r e a - t a r - e - t a r -	1 a n k e a: r e 1 α - s - e 1 a n θ - a r - 1 a n f a r e - 1 ε - s - a 1 ε - s - a 1 ε - s - a 1 ε - s - a 1 a n c - i: 1 a n f a: ToSew k o: n - s u e r e k u - d - s - s - e r - k u - f - f - i r e k u - z - e r -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese	t r a h e r e t r a r - r e t r a z e - t r e z e r - t r e w - r a t r a g ToThrow-Eruncare e: - r u n k a r e	i m p i n g e r e i m p i n d e r e i m p i n d e r e i m p i n d e r - i m p i n d e ToTie l i g a: r e l i e g a r - l e g a r e	j a k t a: r e 3 θ - t e e - t a r e 3 e t t a r e 3 e j t a r x i t a d ε t e ToTie-Aptare a p t a: r e a - t a r -	1 a n k e a: r e 1 α - s - e 1 a n θ - a r - 1 a n f a r e - 1 ε - s - a 1 ε - s - a 1 ε - s - a r - λ ε n s - a 1 a n c - i: 1 a n f a: ToSew k o: n - s u e r e k u - d s - e r - k u - f - i r e k u - z - e r - k u - z - e r -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	t r a h e r e t r a r - r e t r a z e - t r e z e r - t r e w - r a t r a g ToThrow-Eruncare e: - r u n k a r e	i m p i n g e r e i m p i n d e r e i m p i n d e r e i m p i n d e ToTie l i g a: r e l i - e l e g a r - l e g a r e ʎ i γ a	j a k t a: r e 3 θ - t e e - t a r e 3 e t t a r e 3 e j t a r 3 e j t a r x i t a d ε t e ToTie-Aptare a p t a: r e a - t a r - e - t a r -	1 a n k e a: r e 1 α n θ - a r - 1 a n f a r e - 1 α n f a r e - 1 ε - s - a 1 ε - s - a 1 ε - s - a 1 ε - s - a 1 a n c - i: 1 a n f a: ToSew k o: n - s u e r e k u - d κ - κ - k c - k u f - i r e k u z - e r - k c - c - c - c - c - c c - c - c - c - c
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	t r a h e r e t r a r - r e t r a z e - t r e z e r - t r e w - r a t r a g ToThrow-Eruncare e: - r u n k a r e	i m p i n g e r e i m p i n d e r e i m p i n d e r e i m p i n d e ToTie l i g a: r e l i - e l e g a r - l e g a r e Λ i γ a l ο j i:	j a k t a: r e 3 θ - t e e - t a r e 3 e t t a r e 3 e j t a r 3 e j t a r x i t a d ε t e ToTie-Aptare a p t a: r e a - t a r - e - t a r -	1 a n k e a: r e 1 α n θ - a r - 1 a n f a r e - 1 a n f a r e - 1 e - a r - 1 e - a r - 1 e - a r - 1 e - a r - 1 e - a r - 1 e - a r - 1 e - a r - 1 e - a r - 1 a n f a: 1 a n f a:
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	t r a h e r e t r a r - r e t r a z e - t r e z e r - t r e w - r a t r a g ToThrow-Eruncare e: - r u n k a r e	i m p i n g e r e i m p i n d e r e i m p i n d e r e i m p i n d e ToTie l i g a: r e l i - e l e g a r - l e g a r e ʎ i γ a	j a k t a: r e 3 θ - t e e - t a r e 3 e t t a r e 3 e j t a r 3 e j t a r x i t a d ε t e ToTie-Aptare a p t a: r e a - t a r - e - t a r -	1 a n k e a: r e 1 α n θ - a r - 1 a n f a r e - 1 α n f a r e - 1 ε - s - a 1 ε - s - a 1 ε - s - a 1 ε - s - a 1 a n c - i: 1 a n f a: ToSew k o: n - s u e r e k u - d κ - κ - k c - k u f - i r e k u z - e r - k c - c - c - c - c - c c - c - c - c - c

	ToCount	ToCount-Enumerare	ToSay	ToSay-Exponere
Latin	k o m p u t a: r e	e: n u m e r a: r e	d i: k e r e	e k s p o: n e r e
French	k õ t e	е n u m е в е	d i в -	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Spanish	k o n t a r -	e n u m e r a r -	d e θ i r -	
Italian	kon-tare	e n u m e r a r e	d i r e	- - s p o r - r e
PortugueseBrazil	kõtar-	e n u m e r a r -	d i z - e r	
Portuguese	kõtar-	e n u m e r a r -	d i z - e r	
Catalan	k u m t a	e n u m e r a	d i	
Walloon	k ő – – t e –		q i: R -	
Friulian	k o n t a:		d i:	
Romanian	11 0 11 0 41	- n u m a r a	$z \mid i \mid f \mid e \mid - \mid - \mid$	- - s p u n e - -
	ToSing-AncestralClass		ToPlay-Jiocare	ToFloat
Latin	k a n t a: r e	l u: d e r e	j o - k a: r e	f l u: k t u a: r e
French	$\int \tilde{a} - t e - -$		3 - w - e	f 1 y k t y e
Spanish	k a n t a r -	l u d i r -	x u - g a r -	f l u g t w a r -
Italian	k a n t a r e		dzo - k a r e	f l u t t u a r e
PortugueseBrazil			3 o - g a r -	f l u - t u a r -
Portuguese	k e - t a r -		3 u - y a r -	f l u - t u a r -
Catalan	k ə n t a		3 u - g a	f l u k t u a
Walloon	$t\int \tilde{a} - t e$		dg u w - e	
Friulian	c a n t a:		dy u j - a:	
Romanian	k i n t a		3 u - k a	f 1 u c t u a - -
T COTTIGHTIGHT	ToFloat-Fluitare	ToFlow	ToFlow-Colare	ToFlow-Excurrere
Latin	f l u i t a: r e	f l u e r e	k o: 1 a: r e	e k s k u r r e r e
French	12 1 0 1 0 0 1 0	f 1 y e	k u l e	
Spanish		fluir-	k o l a r -	e - s k u r i r
Italian	f l u i t a r e	f l u i r e	k o l a r e	s k o r r e r e
PortugueseBrazil		flwiB-	k o - a r -	i - \(\) \(
Portuguese		f l w i r -	k u - a r -	$i - \int k u - R e f -$
Catalan		f 1 u i	k u ł a	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Walloon		- - - -	k o 1 e	
				sko-ri
T COTTIGHTIGHT	ToFlow-Currere	ToFreeze	ToFreeze-Glaciare	
Latin	k u r r e r e	g e l a: r e	g l a - k i a: r e	i n g l a k i a: r e
French	ku-rir-		S .	
			q j a t tf i a r e	
0			q 1 ə - s - a - -	
Walloon				
	k o - r i		q 1 a - tf - a:	
Romanian			J	$ \mathbf{i} \mathbf{n} \mathbf{g} - \mathbf{e} \mathbf{t} - \mathbf{a} - - $
Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	k n - k e t - k o - k e k - k o - k e k - k o - k e t - k o - k e t - k o - k e t -	3	ToFreeze-Glaciare	i n g - e ts - a - -

	ToBurn-Brojan	ToBurn-Cremare	ToBurn-Flammare	ToBurn-Ardere
Latin	,	k r e m a: r e	f l a m m a: r e	a r d e: r e
French	b в у 1 e	k	f 1 a - b e - -	а в d - в -
Spanish		k - e m a r -	f 1 a - m e a r	a r d e r -
Italian	b r u tf a r e	k r e m a r e	f j a m m a r e	a r d e r e
PortugueseBrazil		k - ej m a r e		а в ф в в -
Portuguese		k - ej m a в e		e r d e r -
Catalan		k r ə m a	f 1 a m a - - -	
Walloon	b в u: 1 e			
Friulian	b r u z a:			
Romanian				a r d e
	ToBurn-Flagrare	ToBurn-Incendere	ToBurn-	All
			AncestralClass8	
Latin	f l a g r a: r e	i n k e n d - e r e	u s t u l a: r e	o m n e: s
French	f 1 a g в е	$\tilde{\epsilon}$ - \tilde{s} $\tilde{\alpha}$ - \tilde{d} \tilde{j} \tilde{e}		
Spanish	f l a g r a r -	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		
Italian	f l a g r a r e	$i \mid n \mid f \mid \epsilon \mid n \mid d \mid j \mid a \mid r \mid e$	u s t o l a r e	o n n i -
	f l a g r a r -	ĩ - s e n d I a r -		
Portuguese	f 1 a g r a r	î - s ē - d j a r -		
Catalan		a a a a a a a a a a		
Walloon				
Friulian				
Romanian	AU T (i n tf i n d z e		
Latin	All-Totus	Many m u l t u s	Many-Tantus	Some
French	t o: - t u s		t a n t u s	o - k œ - -
Spanish	t u t o - d o -	m u m u - tf o -	t a n t o -	a l g u n o
Italian	t u t t o -	m o 1 t o -	t a n t o -	a 1 k u n o
PortugueseBrazil		m ũ j - t u		
Portuguese			t n t 11	0 337 0 11
0			t e - t u -	$\begin{bmatrix} a & w & g & \tilde{u} \end{bmatrix} - \begin{bmatrix} - & \tilde{u} & \tilde{u} \end{bmatrix}$
Catalan	t o - ð u -	m ũ j - t u	t e - t u -	a 1 g ũ
Catalan Walloon	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			a w g ũ a ł g ũ ə l g u
Walloon	t o - ð u - t o - t - t o	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\left \begin{array}{c c c} t & \widetilde{e} & - & t & u & - \\ t & a & n & t & - & - \end{array} \right $	a 1 g ũ
Walloon Friulian	t o - ð u - t o - t t o d u - t	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	t e - t u -	a 1 g ũ
Walloon	t o - ð u - t o - t t o d u - t t o - t	m ũ ĵ - t u m o l m u l t	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Walloon Friulian Romanian	t o - ð u - t o - t - t o - t - t o - t - t o - t -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	a 1 g ũ -
Walloon Friulian	t o - ð u - t o - t - t o t o t o t o d u - t - t o - t - Few p a k u s	m ũ ĵ - t u m o l m u l t	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Walloon Friulian Romanian Latin	t o - ð u - t o - t t o - t t o - t d u - t t o - t Few p a k u s u	m ũ ĵ - t u m o l c m u l t Other a l t e r -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	a 1 g ũ -
Walloon Friulian Romanian Latin French	t o - ð u - t o - t t o - t t o - t t o - t t o - t Tew p a k u s u p ø	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Big m a g n u s
Walloon Friulian Romanian Latin	t o - ð u - t o - t t o - t t o - t d u - t t o - t Few p a k u s u p ø p o k o -	m ũ ĵ - t u m o l c m u l t Other a l t e r -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Big m a g n u s
Walloon Friulian Romanian Latin French Spanish	t o - ð u - t o - t t o - t t o - t d u - t t o - t Few p a k u s p ø p o k o - p o k o -	m ũ ĵ - t u m o l c m u l t Other a l t e r - o - t - r o	$\begin{array}{c cccc} t & \tilde{e} & - & t & u & - \\ t & a & n & t & - & - \\ \hline \\ t & a & n & c & - & - \\ \hline \\ Other-Alius \\ \hline \\ a & 1 & i & u & s \\ \hline \end{array}$	Big m a g n u s
Walloon Friulian Romanian Latin French Spanish Italian	t o - ð u - t o - t t o - t t o - t d u - t t o - t Few p a k u s p ø p o k o - p o k o -	m ũ ĵ - t u m o l c m u l t Other a l t e r - o - t - r o a l t - r o o w t - r u	$\begin{array}{c cccc} t & \tilde{e} & - & t & u & - \\ t & a & n & t & - & - \\ \hline \\ t & a & n & c & - & - \\ \hline \\ Other-Alius \\ \hline \\ a & 1 & i & u & s \\ \hline \end{array}$	Big m a g n u s
Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil	t o - ð u - t o - t t o - t d u - t t o - t Tew p a k u s p ø p o k o - p o w k u p o w k u p o w k u	m ũ ĵ - t u m o l c m u l t Other a l t e r - o - t - r o a l t - r o o w t - r u	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Big m a g n u s
Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese	t o - ð u - t o - t t o - t d u - t t o - t Tew p a k u s p ø p o k o - p o w k u	m ũ ĵ - t u m o l c m u l t Other a l t e r - o - t - r o a l t - r o o w t - r u o w t - r u	$\begin{array}{c cccc} t & \tilde{e} & - & t & u & - \\ t & a & n & t & - & - \\ \hline \\ t & a & n & c & - & - \\ \hline \\ Other-Alius \\ \hline \\ a & 1 & i & u & s \\ \hline \end{array}$	Big m a g n u s
Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	t o - ð u - t o - t t o - t t o - t t o - t t o - t t o - t Few p a k u s 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	m ũ j - t u m o l c m u l t Other a l t e r - o - t - r o a l t - r o o w t - r u o w t - r u a l t - r o	$\begin{array}{c cccc} t & \tilde{e} & - & t & u & - \\ t & a & n & t & - & - \\ \hline \\ t & a & n & c & - & - \\ \hline \\ Other-Alius \\ \hline \\ a & 1 & i & u & s \\ \hline \end{array}$	Big m a g n u s

	Big-Grandem	Big-Majjorem	Long-Longum	Long-Largum
Latin	g r a n d e m	m aj j o: r e m	1 o - n g u s	largus
French	g R g	3 3 1 1 1	1 5 - - - -	1 а в 3
Spanish	g r a n d e -		1 o - n g o -	laryo-
Italian	g r a n d e -		1 u - n g o -	1 a r g o -
PortugueseBrazil			1 o - g u	1 a R d n -
Portuguese	$g \circ \tilde{g} \circ \tilde{g} = d \circ \tilde{i} = 0$		1 o g u	largu-
Catalan	g r a n		$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	Кагk
Walloon	g R g		1 0	11 u 1 K
Friulian	g r a n t		1 u n k	1 a r k
Romanian	9 1 4 11 1	m a r e	1 u n g	1 a r g
T COTTIGHTIGHT	Wide	Wide-Amplum	Thick	Thick-Spissum
Latin	l a: t u s	a m p 1 u s	k r a s s u s	- s p i s s u s
French	1 e	$\tilde{\mathfrak{a}}$ - p 1	g κ α	e - p e
Spanish	l a t o -	antf-o-	gra-so-	e s p e s o
Italian	lato-	ampjo-	grasso-	- s p e s s o -
PortugueseBrazil	latu-	$ \tilde{e} - \int - u -$	9,1,4,0,0,0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Portuguese	l a t u -	$\begin{vmatrix} \tilde{v} \\ \tilde{e} \end{vmatrix} - \begin{vmatrix} \tilde{J} \\ \tilde{u} \end{vmatrix} - \begin{vmatrix} u \\ u \end{vmatrix} - \begin{vmatrix} u \\ u \end{vmatrix}$	$ g \mathbf{r} a - \int \mathbf{u} -$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan	1 4 1 4	amplə-	gra-s-	$\begin{vmatrix} \mathbf{r} & \mathbf{r} & \mathbf{r} & \mathbf{r} & \mathbf{r} & \mathbf{r} & \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{s} & \mathbf{p} & \mathbf{\epsilon} & -\mathbf{r} & \mathbf{s} & -\mathbf{r} & \mathbf{r} \end{vmatrix}$
Walloon			9 1 4 1 5	- s p ε
Friulian			g r a s	
Romanian	1 a t		g r a s	
T COTTIGHTIGHT	Thick-Gurdum	Thick-Grossum	Heavy	Heavy-Lurdus
Latin	g u r d u s	gro-ssus	g r a w i s	l u r d u s
French	9 4 1 4 4 5	g R O	g κ i j ε f	1 u r a a s
Spanish	gordo-	9 2 0 1 1 1 1	grabe-	1 e r d o -
Italian	9 0 1 4 0	g r o - s s o -	$g \mid r \mid \epsilon \mid - \mid - \mid v \mid e \mid - \mid$	1 o r d o -
PortugueseBrazil		gro-su-	gra-vi-	1 e r d o -
Portuguese		gro-su-	gra-vi	1 e r d o -
Catalan		$\begin{vmatrix} g & f & g & g & g \\ g & f & g & g & g & g \end{vmatrix}$	grew	11/0/1/4/0/
Walloon		9 1 0 0	g r a v	
Friulian		$g \mid r \mid w \mid \epsilon \mid s \mid - \mid - \mid - \mid$	$g r \epsilon - v i -$	
Romanian		g r o - s	g r e w	
	Small	Small-Pittinus	Small-Pitulus	Short
Latin	p i t t i t u s	p i t t i n u s	p i - t u 1 u s	k u r t u s
French	p ə - t i			k u в
Spanish	1	p e - k e n o -		korto-
Italian		p i t t i n o -	p i k k o 1 o -	k o r t o -
PortugueseBrazil		p e - k e n u -		ku ktu -
Portuguese		p i - k e n u -		kurtu-
Catalan	p ə t i t - - -			kurt
Walloon	p ə t i t p i - t i			k u: в
Friulian			p i - tf u 1 - -	k u r t
		p u - ts i n - -		

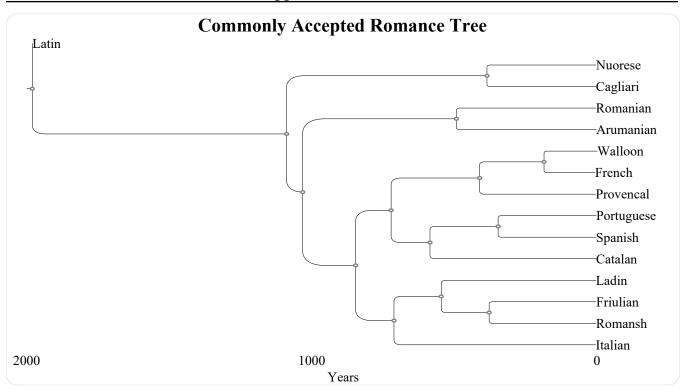
	Short-Brevis	Narrow	Narrow-Strictus	Thin
Latin	b r e w i s	a n g u s t u s	- s t r - i - k t u	sm i n u: - t u s
French	b в ε f			-m ə n y
Spanish	brebe-	a n g o s t o -		m e n u - d o -
Italian	b r ε v e -	angusto-		m i n u - t o -
PortugueseBrazil				m i - u - d u -
Portuguese	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$			m i - u - ð u -
Catalan	b r e w		$\frac{1}{9}$ s t $\frac{1}{6}$ - $\frac{1}{6}$ - $\frac{1}{6}$ - $\frac{1}{6}$	m ə n u - t
Walloon	р к е ф		- 8 t R - Ø:	m i n u
Friulian			- s t r - ε t -	m i n u: - t
Romanian		i n g u s t - -	- s t r - i m - t -	mərunt -
	Thin-Delicatus	Thin-Subtilis	Warm	Cold
Latin	d e: l i k a: t u s	s u b t i: 1 e m	k a l i d u s	f r - i: g i d u s
French	d u: 3 e:		∫ o	f w a
Spanish	d e l - y a ð o -	s u - t i 1	k a 1 - d o -	f r - i o -
Italian	d e l i k a t o -	s o t t i l e -	k a 1 - d o -	f r - e d - d o -
PortugueseBrazil		su-tfiw-	k a w d u	fr-i-u-u-
Portuguese	$d \epsilon l - \gamma a \delta u -$	$\begin{vmatrix} s & u & -t \\ s & u & -t \end{vmatrix}$	k a l - d u -	fr-i-u-
Catalan	dəlikat-	s u p t i 1	k a ł	$f \mid f \mid - \mid \epsilon \mid - \mid - \mid t \mid - \mid - \mid$
Walloon		s u: - t i	tf õ	f R w ε
Friulian		s u - t i: 1	c a 1 - t	f r - e: t
Romanian		s u b ts i r e -	k a 1 - d	
	Cold-Recens	Full	New	Good
Latin	r e k - e n t e m	p l e: n u s	n - o w u s	b - o n u s
French		$ \mathbf{p} 1 \mathbf{\tilde{\epsilon}} - - - $	n - u v o -	b - õ - - -
Spanish	$r \mid e \mid \theta \mid j \mid e \mid n \mid t \mid e \mid -$	- Λ e n o -	n w e β o -	b w e n o -
Italian	$r \mid e \mid t \mid - \mid \epsilon \mid n \mid t \mid e \mid - \mid$	p j ε: n o -	n - o v o -	b w 3: n o -
PortugueseBrazil) - ej - u -	n - o v u -	b - o - - -
Portuguese	ве s - е - tf i -		n - o v u -	b - o - - -
Catalan		p 1 ε	n - o w	b - o n - -
Walloon		p 1 e	$ n - o v \epsilon -$	b - õ - - -
Friulian	r e ts - i n t	p 1 ε n	n - u: f	b - o n - -
Romanian	r e t	p 1 i n - -	n - o w	b - u n - -
	Bad	Straight	Round	Dry
Latin	m a l u s	d i: r - e: k t u s	r o t u n d u s	s i k k u s
French	m a 1	d - в w a - - - -	R Q	$ \mathbf{s} \mathbf{\epsilon} - \mathbf{k} - \mathbf{r} $
Spanish	m a 1 o -		r e d o n d o -	s e - k o -
Italian	m a 1 o -	$\left d \right - \left r \right - \left i \right t \left t \right o \right -$	r i t o n d o -	s e k k o -
PortugueseBrazil	m a w		к e q o - q n -	s e - k u -
Portuguese	m a w		в i d o - d u -	s e - k u -
Catalan	m a 1	d - r - ε - t - -	r ə d o - - -	s ε k
1				
Walloon	m p: - -	d - r - ø: - - - -	r õ - - - - -	$ s \epsilon t$
Walloon Friulian Romanian		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$

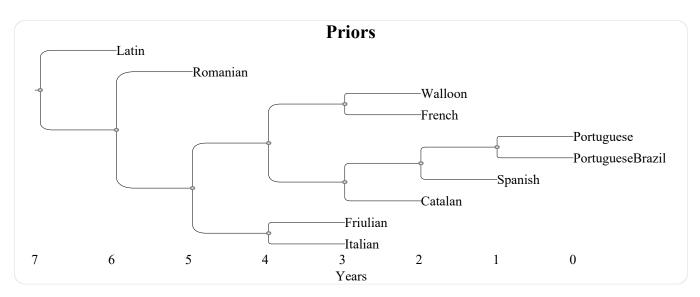
	Right-Dextrem	Right-Directus	Red	Red-Vermiculus
Latin	d - e k s t r u m	d i: r - e: k t u s	r u s s u s	v e r m i k u l u s
French		d - в w a - t	в u	v ε κ m εj
Spanish	d j e - s t r o -	d e r - e - tf o -	r o - x o -	b e r m e x o
Italian	d - ε - s t r o -	d ε s t r a	r o s s o -	v e r m i s - s o -
l .	d - ε - s t r u -	d i r - ej - t e -	R O - D \ \O \ -	v e в m e Л u -
Portuguese	$d - \epsilon - \int t \cdot u -$	d i r - ej - t e -	в o - j u -	v i r m ej k u -
Catalan	d - e - s t r ə -	d r ε t	r o - s	b ə r m ε λ
Walloon		d r ø: t		
Friulian		d r ε t	r o - s - -	
Romanian		d r e p t	ro-Ju-	
	Red-Rubeus	Green	Yellow	Yellow-Amarellus
Latin	r u - b e u s	w i r i d e m	g a l b i n u s	amarellus
French	в u - з	v e r	3 o n	
Spanish	r u - b j o -	b e r - d e -		a m a r i - j o -
Italian	r o b b j o -	v e r - d e -		
PortugueseBrazil	r u - b e o -	ver di-		e m a r ε - 1 u -
Portuguese	r u - b e o -	ver di-		e m e ι ε - 1 u -
Catalan	r u - dz e	v ε r - t		
Walloon	r o - tf - - -	V ε R	dz ε - - n - -	
Friulian		v ε r - t		
Romanian	r oj - b - - -	v e r - d e -	g a 1 b e n	
	Yellow-Croceus	White	One	Two-Duos
Latin	k r o k e u s	a l b u s	u: n u m	d u o: s
	K I O K C U S	a 1 b a 5		
French	K I OKCUS		oe	d - ø -
French Spanish		a 1 b o -	œ u n o -	
French Spanish Italian		a 1 b o - a 1 b o -	œ u n o - u n o -	d - ø - d - o s
French Spanish Italian PortugueseBrazil		a 1 b o - a 1 b o - a w v u -	œ u n o - u n o - ũ	d - ø - d - o s d - oj s
French Spanish Italian PortugueseBrazil Portuguese	$ \mathbf{k} \mathbf{r} \mathbf{o} \mathbf{t} \mathbf{e} \mathbf{o} $	a 1 b o - a 1 b o - a w v u - a 1 v u -	œ u n o - u n o -	d - ø - d - o s d - oj s d - oj ∫
French Spanish Italian PortugueseBrazil Portuguese Catalan		a 1 b o - a 1 b o - a w v u -	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{ccccc} d & - & \varnothing & - \\ d & - & o & s \\ \end{array}$ $\begin{array}{cccccccccccccccccccccccccccccccccccc$
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	$ \mathbf{k} \mathbf{r} \mathbf{o} \mathbf{t} \mathbf{e} \mathbf{o} $	a 1 b o - a 1 b o - a w v u - a 1 v u -	œ - - - u n o - u n o - ũ - - - u n - - õ - - -	d - ø - d - oj s d - oj ∫ d - o s d - o s d - o s
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	$ \mathbf{k} \mathbf{r} \mathbf{o} \mathbf{t} \mathbf{e} \mathbf{o} $	a 1 b o - a 1 b o - a w v u - a 1 v u - a 1 b - -	ce - - - u n o - u n o - ü - - - u n - - u n - - u n - - u n - -	d - ø - d - oj s d - oj ∫ d - o s d - o s d - o s d - ø: - d - oj -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	k r o tf e o - g r o k - - -	a 1 b o - a 1 b o -	œ - - u n o u n o ũ - - ũ - - u n - o - - u n - u n - u n u	d - ø - d - oj s d - oj ∫ d - o s d - ø: - d - oj - d - oj -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	k r o tf e o -	a 1 b o - a 1 b o - a w v u - a 1 b - - a 1 b - -	œ - - u n o u n o ũ - - ũ - - u n - u n - u n - u n u Three	d - ø - d - oj s d - oj ∫ d - o s d - oj - d - oj - d - oj - Four
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	k r o tf e o - g r o k - - -	a 1 b o - a 1 b o -	oe - - u n o u n o u n o u n - u n - u n - u n u Three t r - e: s	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	k r o tf e o -	a 1 b o - a 1 b o - a w v u - a 1 b - - a 1 b - -	oe - - u n o u n o u n o u n - u n - u n u t r - e: t r - e: t r w a	d - ø - d - o s d - oj s d - oj ∫ d - o s d - ø: - d - oj - d - oj - Four k ^w - a t t w o r - k - a - t ʁ -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	k r o tf e o -	a 1 b o - a 1 b o - a w v u - a 1 b - - a 1 b - -	œ - - u n o u n o ũ - - u n - o - - u n - u n u r - e: t r - t r - t r - t r - e s	d - ø - d - o s d - oj s d - oj ∫ d - o s d - ø: - d - oj - d - oj - Four k ^w - a t t w o r - k - a - t ʁ - k w a - t r o
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian	k r o tf e o -	a 1 b o - a 1 b o - a w v u - a 1 b - - Two-Duas d u a s	œ - - u n o u n o ũ - - u n - ũ - - u n - u n u t r - e s t r - e -	d - ø - d - o s d - o s d - o s d - o s d - o s d - o s d - o s d - o s d - o j - d - o j - k - a t t w o r - k w a - t ʁ - k w a t t - r o
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil	k r o tf e o -	a 1 b o - a 1 b o -	e -	d - ø - d - o s d - o s d - o s d - o s d - o s d - o s d - o s d - ø: - d - o j - d - o j - k - a - t k - k w a - t r o k w a t t - r o k w a - t r u
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese	k r o tf e o -	a 1 b o - a 1 b o - a w v u - a 1 b - - Two-Duas d u a s	ce - - u n o u n o u n - u n - u n - u n u u n u t r - e t r - e t r - e t r - e t r - e t r - e	d - ø - d - o s d - o s d - o s d - o s d - o s d - o s d - ø: - d - o j - d - o j - K - a t t w o r - k - a - t ʁ - k w a - t r o k w a - t r u k w a - t r u
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	k r o tf e o -	a 1 b o - a 1 b o -	ce - - u n o u n o ũ - - u n - u n - u n u Three t r - e: t x o - t r - e s t r - e s t r - e f t r - e f t r - e f t r - e f t r - e f t r - e f t r - e f t r - e f t r - e f t r - e f t r e f	d - ø - d - o s d - o s d - o s d - o s d - o s d - o s d - o s d - ø: - d - o - d - o - b - w r - w k - a - t - w k - a - t - r o k w a - t - r o k w a - t - r u k w a - t - r u k w a - t - r u
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	k r o tf e o -	a 1 b o - a 1 b o -	ce - - u n o u n o u n o u n - u n - u n u u n u t r - e t r - e t r - e t r - e t r - e t r - e t r - e t r - e t r - e t r - e t r - e t r - e t r - e t r - e t r - e t r - e t r - e	d - ø - d - o s d - o s d - o s d - o s d - o s d - o s d - o s d - o s d - o s d - o s d - o s c - d - o s d - o s d - o s c - c - c - c - c - c - c - c - c - c
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	k r o tf e o -	a 1 b o - a 1 b o -	ce - - u n o u n o ũ - - u n - u n - u n u Three t r - e: t x o - t r - e s t r - e s t r - e f t r - e f t r - e f t r - e f t r - e f t r - e f t r - e f t r - e f t r - e f t r - e f t r e f	d - ø - d - o s d - o s d - o s d - o s d - o s d - o s d - o s d - ø: - d - o - d - o - b - w r - w k - a - t - w k - a - t - r o k w a - t - r o k w a - t - r u k w a - t - r u k w a - t - r u

	Five	Here	There	There-Ibi
Latin	k ^w i: n k ^w - e	- e k k u m h i: k	i 1 1 a: k	i b i:
French	s e - k	i - - s - - i -	- - 1 a -	1-1
Spanish	θ i n k - o	- a - k - - i -	a - j a -	
Italian	tf i n k w e	- - k w - - i -	$\begin{vmatrix} \mathbf{a} \\ - \end{vmatrix} - \begin{vmatrix} \mathbf{a} \\ 1 \end{vmatrix} \begin{vmatrix} \mathbf{a} \end{vmatrix} -$	- v i
PortugueseBrazil		- a - k - - - i -	- - 1 a -	V I
Portuguese	s î - k - u	- e - k - - i -	1 a -	
Catalan				
		- a - k - - i -		
Walloon Friulian		1	- - 1 a -	
	f i n k	- a - k - - i -	- - 1 a -	
Romanian	f i n f	14/1 0 :		NA/1 (
1 (1	There-Adlbi	Who-Qui	Who-Quem	What
Latin		kw - i s	$ \mathbf{k}^{\mathbf{w}} - \mathbf{e} \mathbf{m} $	k ^w - i d
French		$ \mathbf{k} $ - $ \mathbf{i} $ -		k w a -
Spanish	a i		k j e n -	k - e -
Italian				k - e -
PortugueseBrazil	a i		$egin{array}{c cccc} k & - & \widetilde{\mathbf{e}}\widetilde{\mathbf{j}} & - & - \ k & - & \widetilde{\mathbf{e}}\widetilde{\mathbf{j}} & - & - \ \end{array}$	
Portuguese	i g		k - ej	
Catalan				k - ε -
Walloon				k w ε: -
Friulian		k w i -		tf - e -
Romanian			tf - i n e	$\left \int_{0}^{3} \left - \left e \right \right - \left \left e \right \right \right $
	When-Quando	How-Quomodo	Not	Not-Nec
Latin	kw - a n d o:	kwo: modo	n o: n	n e k
French	k - a	k 3 m a	$n \mid \tilde{\mathfrak{I}} \mid -$	n i -
Spanish	k w a n d o	k o m o	n o -	n i -
Italian	k w a n d o	k o m e	n o n	n e -
PortugueseBrazil		k o m u	n $\tilde{\mathfrak{e}}$ -	n ẽj -
Fortuguesebrazii	$ \mathbf{K} \mathbf{W} \mathbf{e} - \mathbf{u} \mathbf{u} $	K O III u - -	$\widetilde{\widetilde{W}}$	11 EJ -
Portuguese	$ \mathbf{k} \mathbf{w} \tilde{\mathbf{e}} - \mathbf{d} \mathbf{u}$	k o m u - -	n \tilde{e} -	n ej -
Fortuguese	K W e - u u	K O MI U - -		11 ej -
Catalan	1, ,,,	1- -	$\widetilde{\mathbf{w}}$	n i -
Catalan	k w a n	k o m	n o -	
Walloon	k w a n d	k o m $\tilde{\epsilon}$	$ \mathbf{n} \tilde{\mathfrak{I}} $ -	$ n \tilde{e} $ –
Friulian	k w a n t	tf e m u: t -	n o -	
Romanian	k - i n d -	k u m - - -	n u -	Maril O
1 (At	In-In	In-Deintus	With-Cum
Latin	a d	i n	d e i n t u s	k u m
French	a -		$\left d \left \widetilde{\alpha} \right - \left - \right - \right - \right $	
Spanish	a -	e n		k o n
Italian	a -	i n		k o n
PortugueseBrazil	a -	ej –		k õ -
Portuguese	- g	ej -		k o -
Catalan	a -	ən	d i - n - s	
Walloon				
Friulian				
Romanian		i n		k u -

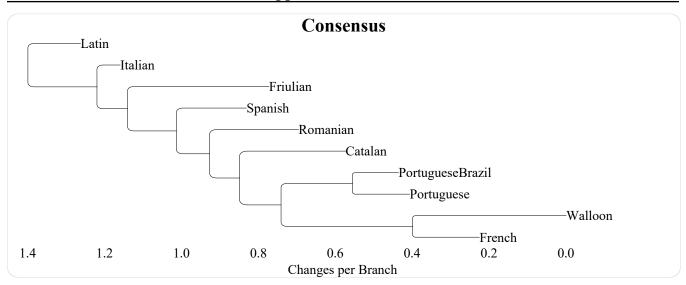
	With-Abhoc	And-Et	And-Si	Because-Quod
Latin	a b h o c	e t	s i: k	k ^w o d
French	a v - e k	e -	s i -	k ə -
Spanish		i -	s i -	k e -
Italian		e -	s i -	k e -
PortugueseBrazil		i -	s î -	k i -
Portuguese		i -	s î -	k i -
Catalan		i -	s i -	k ə -
Walloon	a v - u -	ε -	s i -	k i: -
Friulian		e -	s i -	k e -
Romanian		e -	$\int \mathbf{i} $ -	k ə -

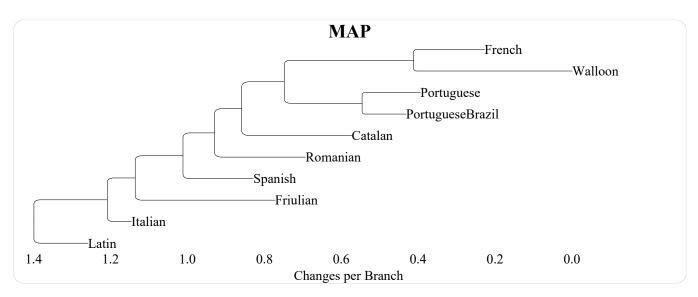
Appendix 4 - Results





Appendix 4 - Results





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