## **Understanding Language Evolution Using an Event-Based Model**

### **Appendices**

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

Each segment gets a different number 14 n 15 S 16 U 17  $\int$  18 Oj 19 V 20 b 21 i 22  $\hat{k}$  23  $\hat{l}$  24  $\hat{r}$  25  $\hat{i}$  26  $\hat{h}$ 27 k |a| |a|40 X 41  $\mathbf{K}$  42  $\mathbf{n}$  43  $\mathbf{oa}$  44  $\mathbf{\tilde{e}\tilde{j}}$  45  $\mathbf{\tilde{o}}$  46  $\mathbf{\tilde{\alpha}}$  47  $\mathbf{\tilde{i}}$  48  $\mathbf{\tilde{e}}$  49  $\mathbf{tf}$ 50 p 51 Z 52 ð 53 **t**S 54 a: 55  $\tilde{e}\tilde{j}$  56 R 57 aj 58  $\tilde{\epsilon}$  59  $\theta$  60 ej 61 ej 62  $\tilde{o}$  63  $\tilde{\epsilon}$  64  $\tilde{e}\tilde{w}$ 65 **ẽ** 66 c 67 ij 68  $\beta$  69 i 70 i 71 g 72 i 73 i 73 i 74 i 75 i 76 i 76 i 76 i 76 i 77 i 78 i 79 i 77 **ŋ** 78  $\tilde{o}$ : 79 c 80 au 81  $\phi$  82 ea 83  $k^j$  84  $\tilde{a}$  85 t 86 a 87 t 88 89 k<sup>w</sup> 90  $\tilde{\mathbf{e}}$ : 91  $\tilde{\mathbf{e}}$  $\tilde{\mathbf{u}}$  92  $\mathbf{o}(\mathbf{w})$  93  $\tilde{\mathbf{n}}$  94  $\hat{\mathbf{t}}$  95  $\hat{\mathbf{t}}$  96  $\tilde{\mathbf{u}}$  97  $\tilde{\mathbf{J}}$  98  $\tilde{\mathbf{u}}$  99 101 d: 102 k: 103 u 104 e 105  $\eta^{w}$ 106 7

#### Appendix 2 - Partition Assignments

## Model: "Linguistically Informed"

#### 1 Nasal Vowel

ẽj õ ũ ĩ ẽ ẽj õ ẽ ẽw ẽ o: ã ẽ: ẽu ũ œ

#### 2 Vowel

e o: ə o i ɔ ı u oj i: ɨ a ɐ u: y e: œ ε o̯a a: aj ε: ej ɐj ɨj ɨw ø: ɔ: au̯ ø e̯a α εj o(w) α: μ e̯ ʊ

#### 3 Nasal Consonant

nmnŋŋjŋw

#### 4 Non Sylabic Sonorant

wjlr

#### 5 Consonant

g ʒ j dz s ſ v b λ h k t d f r x в tf p z ð ts πθ c β ł ų g dz g<sup>w</sup> ç k<sup>j</sup> ֈ γ k<sup>w</sup> t͡ʃ t͡s ӆ d: k:

	1	We	YouPlural	They
Latin	- e g o:	n o: - s -	wo: - s	e i:
French	3 9	n u	v u	
Spanish	j o	n o - s -	b o - s	e λ o s
Italian	i o	n o: i	v or i -	l o: r o
PortugueseBrazil	- e - w	n o j - s	v o j s	e l i s
Portuguese	- e - w	$ \mathbf{n}  \mathbf{o} -  \mathbf{f} $	$ \mathbf{v}   \mathbf{o}  -  \mathbf{f} $	e l i ∫
Catalan	3 5		b u - s	
Walloon	ф I	n o	$ \mathbf{v}  \mathbf{o}  $ – $ \mathbf{s} $	
Friulian	j o	n o:	v or	
Romanian	j   e   -   w	n oj -   -   -	v oj	
	This	That	YouSingular	YouSingular-
				VostramMercedem
Latin	h i k	i 1 1 e	t u:	
French	s ə s i	s ə 1 a	t y	
Spanish	e s t e	e s e	t u	- u s t e d
Italian	k w e s t o	k w e 1 1 o	t u	
PortugueseBrazil	i s u	a k i 1 u -	t u	v   o   s   -   e   -
Portuguese	i   ∫   t   u   -   -	e k i 1 u -	t u	v o s - e -
Catalan			t u	v o s t e -
Walloon			t y	
Friulian			t u	
Romanian			t u	
	Не	Woman	Woman-Mulier	Woman-Domina
Latin	i s -	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	e 1 -	-   e   -   m   -   b   r   -   a	m u x - e r	d o n a
Italian	1 u: i	f e m m i - n - a	m o h h e	d   o   n   -   n   a
PortugueseBrazil		f e - m e e	m и у - 6 в	d   o   -   -   n   e
Portuguese	e 1 i	f e - m j e	$\mathbf{m}  \mathbf{u}  \mathbf{\Lambda}   -  \mathbf{e}  \mathbf{r}   -   -$	d o n e
Catalan		f e - m - b r - a	m u   \lambda   -   e   -   -   -	$ \mathbf{d}   \mathfrak{d}   \mathfrak{d}  -  - \mathbf{n}   \mathfrak{d} $
Walloon		f œ - m		d œ m
Friulian				
Romanian		$  f   \epsilon   -   m   i   -   n   -   \epsilon$	m u - - i: r - -	d o n e
rtomaman		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	mu - jere -	d o n e d oa m - n o
Tomanan	ManHumanBeing	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		d o n e
	_	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	m u - j e r e - Child	d o n e d oa m - n o
Latin	ManHumanBeing  h o m i - n e m	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	m u - j e r e - Child  i n f a n t e m	d o n e d oa m - n o
Latin French	h o m i - n e m - o m	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	d ɔ n e d oam - n ɔ  Child-Ninnus
Latin French Spanish	homi-nem	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	d o n e d oam - n o  Child-Ninnus
Latin French Spanish Italian	h o m i - n e m - o m - b r e	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	d o n e d oam - n o  Child-Ninnus  n i n o n i n o
Latin French Spanish Italian PortugueseBrazil	h   o   m   i   -   n   e   m   -   -   -   -   -   -     o   m   e   f   e   -   -   -   -   -   -   -   -   -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	d o n e d oam - n o Child-Ninnus  n i n o n i n o n e n e ñ
Latin French Spanish Italian PortugueseBrazil Portuguese	o m ej	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	d o n e d oam - n o  Child-Ninnus  n i n o n i n o
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	h   o   m   i   -   n   e   m   -   -   -   -   -   -     o   m   e   f   e   -   -   -   -   -   -   -   -   -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	d o n e d oam - n o Child-Ninnus  n i n o n i n o n e n e ñ
Latin French Spanish Italian PortugueseBrazil Portuguese	o m ej	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	d o n e d oam - n o  Child-Ninnus  n i n o n i n o n e n e n e n e n e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	h o m i - n e m - 2 m	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	d o n e d oam - n o  Child-Ninnus  n i p o n i n o n e n e n e g n e n e j

	Wife	Wife-Mulier	Husband	Husband-Sponsus
Latin	- s p o n s a	m u 1 i e r -	m a r i: t u s	- s p o n s u s
French	e - p u - z -		m a r i	e - p u
Spanish	e s p o - s a	mux-er-	mariðo-	e s p o - s o -
Italian	$\begin{vmatrix} c & s & p & o & s & a \\ - & s & p & o & - & z & a \end{vmatrix}$	то б б е	m a r i t o -	- s p o - z o -
PortugueseBrazil		m u K - e r -	maridu-	
0	i s p o - z a			i s p o - z u -
Portuguese	i d d d d d	m u K - e r -	meriðu-	$\mathbf{i} \int \mathbf{p} \mathbf{o} - \mathbf{z} \mathbf{u} -$
Catalan	$ \mathfrak{d}   s   p   \mathfrak{d}   -   z   \mathfrak{d}$	$ \mathbf{m} \mathbf{u} \mathbf{\Lambda}  -  \mathbf{e}  -  \mathbf{m} \mathbf{u} \mathbf{\Lambda} $	m a r i t	
Walloon				
Friulian		m   u   -   i:   r   -   -	m a r i: t	- s p or - s
Romanian		mu-jere	m ə r i t	
	Husband-Socius	Mother	Father	Father-Tata
Latin	$s \mid o \mid k \mid i \mid u \mid s$	m a: t r e m	p a t r e	t a t a
French		m e - r - -	ре-в-	
Spanish		maðre-	p a ð r e	t a t a
Italian	$ \mathbf{s}  \mathbf{o}  \mathbf{t}  -  \mathbf{o}  -$	m a: d r e -	p a: d r e	t a t a
PortugueseBrazil		m ej	p aj	t a t a
Portuguese		m ej m ej	p aj	t a t a
Catalan		ma-rə-	pa-rə	
Walloon		m e - R	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
Friulian		m a - r i -	I = I I I I I I	
Romanian	s o ts		p   a   -   r   i	4 0 4 0
Romanian		A : 15 (:	E: 1 B: 1	t a t ə
L a Chi	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	1 1 1 1 1 1 1
French	o m a - j -			p w a s õ
Spanish	a 1   i   m   a   n   -   a		p e θ	
Italian		$\begin{vmatrix} b & i & \int \int -a \end{vmatrix}$	p e         e   -	
PortugueseBrazil		b   i   -   f   -   e	p ej ∫   -   i   -	
Portuguese		b   i   -   J   -   e	p ej ∫ -   <del>i</del>   -	
Catalan			p e	
Walloon			- 1	$ p  -  \epsilon  h  \tilde{o} $
Friulian	n e m a: 1	b   i   s   -   -   -	$ \mathbf{p}  \mathbf{\epsilon}  \mathbf{s}  -  - -$	-
Romanian	- n ə m a - j e		$p \mid e \mid \int  t  \mid e \mid -$	
	Bird-Avem	Bird-Avicellum	Bird-Passerem	Dog
Latin	a w e m		ipasserem	k - a n e m
French	u   W   C   III	w a z - o		$\int_{0}^{\infty} \left  j \right  \left  \tilde{\varepsilon} \right  - \left  - \right  - \left  - \right $
	a   b   e   -	w   a   -   -   -   Z   -   U   -   -	$p \mid a \mid - \mid x \mid a \mid r \mid o \mid -$	
Spanish	a D C -		pa xalo	
Italian		$\left  \rule{0mm}{3mm} {3mm}{3mm} \rule{0mm}{3mm} {3mm}{3mm} {3mm} {3mm} {3mm}{3mm}$	cpassero-	k - a n e -
PortugueseBrazil	a   V   1   -		pa-sera-	
D 1				$\widetilde{\mathbf{w}}$
Portuguese	a v i		pa-seru-	k -   v -   -   -
				$ \tilde{\mathbf{w}} $
Catalan	a   w   -   -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		
Walloon		$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$ tf  -  \tilde{e}  -  - - $
Friulian		$  -   -   \mathbf{u}   -   -   \mathbf{tf}   \mathbf{j}   \mathbf{\epsilon}   -   1  $		c   -   a   n   -   -
Romanian			pa-səre-	k - ij n e -
				J -

	Louse	Snake	Worm	Tree
Latin	p - e d u - k 1 u s		nw e r m e m	arborem
French	p - u	s - e к b - g	- v e r	a R p - R
Spanish	p j o x - o		berme-	a r β o 1
Italian			v e r m e -	
	-			
PortugueseBrazil	p - i - o - k u	s - e r b - g - f i	- v е в т і -	a k v o t i -
Portuguese			vermi	arvuri
Catalan	p - o 1 - 1	s - ə r p - e n	$-\mathbf{v} \mid \mathbf{\epsilon} \mid \mathbf{f} \mid \mathbf{m} \mid - \mid -$	a   -   b   -   r   ə   -
Walloon	p   j   u   -   -   -   -   -   -   -	s j ε κ p - ē	$-\mathbf{v} \mid \mathbf{j} \mid \mathbf{\epsilon} \mid \mathbf{R} \mid - \mid -$	or - b
Friulian	p - e d o - 1 i	s - a r p - i n t -	$-\mathbf{v} \mid \mathbf{j} \mid \mathbf{\epsilon} \mid \mathbf{r} \mid - \mid -$	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	$ \mathbf{s}  \mathbf{i}  \mathbf{l}  \mathbf{w}  \mathbf{a} $	p a: 1 u s	f r u: - k t u s	s e: m e n
French		p a 1	f   r   q   i   -   -   -   -	
Spanish	s e l b a	p a 1 o -	f r u - t o -	
ltalian	s e l v a	p a l o -	f r u - t t o -	s e m e -
PortugueseBrazil		p a w	f r u t e -	
Portuguese	s e ł v e	p a w	frutr-	
Catalan	s e l b a	p a l	f r u j - t	
Walloon	5   C   1   D   U	P   u   I	f R y	
Friulian	$s \mid \epsilon \mid 1 \mid v \mid e$	p a: 1	f r u t	
Romanian	S E I V E	-		
Nomanian	Seed-Sementis	par	f r u - k t Leaf	Leaf-Frondea
Latin		Seed-Granum		
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	$ s  \ni  m  -  \tilde{\alpha}  -  - s $	g κ ε u	f - œ j	
Spanish	s i m j e n t e -	g r a n o -	-   -   o   x   -   a	
Italian	s e m - e n t e -	g r a n o -	$ f  -  \mathfrak{d}  \lambda  \mathfrak{d}  a$	f r o n dz - a
PortugueseBrazil	$ s e m - \tilde{e} - tf i -$	$g \mid r \mid \tilde{v} \mid - \mid - \mid - \mid$	g -   \lambda   o   \lambda   -   b	$ \mathbf{f} \mathbf{r} \mathbf{\tilde{o}} \mathbf{s} - \mathbf{e} $
		$ \widetilde{\mathbf{w}} $		
Portuguese	$ s $ $ i $ $ m $ $  \tilde{e} $ $  t $ $ i $ $-$	g r g	$ f  -  o   \Lambda  -  b $	$ \mathbf{f} \mathbf{r} \mathbf{\tilde{o}} \mathbf{s} - \mathbf{e} $
		$ \tilde{ m w} $		
Catalan	s ə m - e n	g r a	$ f  -  u   \Lambda  -  a $	
Walloon	s i m - ē - s	g r i n	f -   o   j   -   -	
Friulian	s e m - $\epsilon$ n tf $\epsilon$ -	g r a n	f w e - e	
Romanian	$s \mid \vartheta \mid m \mid - \mid \frac{1}{2} \mid n \mid \frac{3}{2} \mid \vartheta \mid - \mid$	g r i - - -	f oa - j e -	f r u n z - ə
	3	w	0   3	
	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	$ - \mathbf{r} \mathbf{a} - \mathbf{i} \mathbf{\theta} - -$			
Italian		r a d i: tf e		k o r t i t e -
PortugueseBrazil	-   <b>B</b>   <b>a</b>   -   <b>i</b>   <b>s</b>   -   -	-   -   -   -   -   -   -   -   -   -		kokffici-
Portuguese	y n i			k o r t i s i -
Catalan	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			
Walloon	-   -   1   -   3   1   <del>6</del>			
			$ R  \epsilon  - - s  \epsilon  n -$	
Friulian			1 1 40 1	
Romanian			r ə d ə ʧ i n ə	

	BarkOfATree-Corticea	BarkOfATree-Skortea	Flower	Grass
Latin	k o r t i k e a	- s k - o r t e a	f l o: r e m	- h e r b a
French	K   O   I   E   I   K   C   U	е - к - о в s	f 1 c r	ε R P -
Spanish	korte e e a		f l o r	j - e r b a
Italian	k o r t e t f a	-   s   k   -   ɔ   r   ts   -   a	f j o: r e -	$\begin{vmatrix} \mathbf{r} & \mathbf{r} & \mathbf{r} & \mathbf{r} & \mathbf{r} \\ - & \mathbf{r} & \mathbf{r} & \mathbf{r} \end{vmatrix}$
	kortliss-	-   S   K   -   J   I   B   -   a	f 1 o r	
			flor	
Portuguese	kurtise-			9 V 1 3
Catalan		$\begin{vmatrix} \mathbf{a} & \mathbf{s} & \mathbf{k} \end{vmatrix} - \begin{vmatrix} \mathbf{a} & \mathbf{r} & \mathbf{s} \end{vmatrix} - \begin{vmatrix} \mathbf{a} & \mathbf{r} \end{vmatrix} $	$\left  \begin{array}{c c} f & 1 & 2 & - & - \end{array} \right $	e r b ə
Walloon		- s k w a s	t	j - ε - p -
Friulian		- s k w a r ts - e	f 1 o: r	j - a r b e
Romanian		- s k - oa r ts - ə	f l oa r e -	j - a r b 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	g κ a m ε n			k   w   a   -   -   n   -
Spanish	g r a m a -		r i s t a -	
Italian		f  u  n   -   e   -	$r \mid \epsilon \mid s \mid t \mid a \mid$	k - o t e n n a
PortugueseBrazil			r $\epsilon$ $\ell$ $\ell$ $\ell$ $\ell$ $\ell$	k - o d i e
Portuguese	greme-		$ \mathbf{r}  6  \mathbf{l}  \mathbf{t}  \mathbf{i} $	k - o d i e
Catalan	g r a m			
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 <sup>w</sup> - i n e m
French	p - o	$\left  \left  \left  \left  \left  \epsilon \right  \right  \mathbf{R} \right  - \left  - \right  \right  - \right $	$ \mathbf{v}  \mathbf{j}  - - \mathbf{\tilde{\alpha}} - \mathbf{d} -$	s   a   -   -   -   -   -   -   -
Spanish	p   j   e   1   -   -   -	karae-	b i b j e n d a	s a n g - r e
Italian	p - e 1 1 e -	karne-	v i v - a n d a	s a n g w e
PortugueseBrazil	p - ε - 1 i -	ka kn i -	v i v - ē - d a	s   v   -   g   -   i   -   -   -
Portuguese	p - e - 1 i -	karai -	v i v - ē - d e	$ \mathbf{s}  \tilde{\mathbf{e}} -  \mathbf{g}  -  \mathbf{i}  -  - - $
Catalan	p - e - K	k a r n		
Walloon	p   j   a   -   -   -   -	tf   2:   -   -   -   -		s or - g
Friulian	$p \mid j \mid \epsilon \mid 1 \mid - \mid - \mid - \mid$	c a: r		s a ŋ k
Romanian	p j e - 1 e -	karae -		s i n d - e
	Bone	FatNoun	FatNoun-Crassia	Egg
Latin	-   -   o   s   s   u   m	a d e p e m		- o: w u m
French	-   -   <b>c</b>   -   <b>c</b>   -   -		g R ε s -	- œ f
Spanish	- w e s o		g r a s a	w e b o -
Italian	o s s o -	a   d   i   p   e   -		w o -
PortugueseBrazil	-   -   o   -   s   u   -		g r a f e	- o v u -
Portuguese	-   -   o   -   s   u   -		g r a f e	- o v u -
Catalan	o - s		grej-	- o w
Walloon	-   -   o   -   f   -   -		k R DI Ç -	- 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
	1-1, 10,1-15-16-	u u u u	F   -   0       0	P   0   12   12   13
French	k - o k n -	$\mathbf{k} \begin{vmatrix} \hat{\mathbf{o}} \\ \hat{\mathbf{o}} \end{vmatrix} - \begin{vmatrix} - \\ - \end{vmatrix}$	p 1 y m -	p   ε   -   n   -
Spanish	k w e r n o	k o 1 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 a w d e	F   J   10   1-1-   10	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	$p \mid \epsilon \mid - p \mid \vartheta$
Walloon	k w ε - n -	k o w	p 1 3 m -	p e - n -
Friulian	k w a: r	k σ d ε -	p l u m ε	$p \mid \epsilon \mid - \mid n \mid e$
Romanian	k - o r n -	c oa d ə	P   1   G   III   0	p a - n ə
	Hair	Hair-Capillus	Head	Head-Testa
Latin	p - i l u s	k a p i 1 1 u s	kapi-tia	t e s t a
French	p w a 1	$\int_{0}^{\infty} \left  \begin{array}{cccccccccccccccccccccccccccccccccccc$	$\int_{0}^{\infty} \frac{\partial}{\partial x} \left  \begin{array}{c} x & y & z \\ y & \epsilon & - & - & - \end{array} \right  - \frac{\partial}{\partial x}$	t ε - t -
Spanish	p - e 1 o -	k a b e - j o -	$k \mid a \mid \beta \mid e \mid - \mid \theta \mid - \mid a$	
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	$\begin{vmatrix} \mathbf{p} \\ \mathbf{p} \end{vmatrix} - \begin{vmatrix} \mathbf{i} \\ \mathbf{i} \end{vmatrix} \begin{vmatrix} \mathbf{i} \\ \mathbf{u} \end{vmatrix} - \begin{vmatrix} \mathbf{i} \\ u$	k e β e - 1 u -	k e β e - s - e	$t \in \int t e$
Catalan	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	k ə b ε - λ	k a p	t e s t ə
Walloon	P	f  i v j -  a  -		f = c + c + c + c + c + c + c + c + c + c
Friulian	p - e: 1	c a v ej	c a: f	t ε s t e
Romanian	p - 8 r		k a p	ts ea s t ə
	Ear	Eye	Nose	Nose-Nares
Latin	o: r i k l a -	- o - k u 1 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 -	narie
Italian	orekkja	- o k k - j o -	n a: s o -	n a r i tf e
PortugueseBrazil		-   o   -   -   \hat{\lambda}   u   -		n a r i s -
Portuguese	o r ej k e	- o \lambda u -		n e r i f -
Catalan	$\mathbf{u} \cdot \mathbf{r} \cdot \mathbf{s} - \mathbf{s} \cdot \mathbf{n} \cdot \mathbf{u}$		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 <sup>j</sup>	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 -   f   -	g œ 1 -	$ \mathbf{d} $ - $ \tilde{\mathbf{\alpha}} $ - $ $ - $ $ -	$\left  \tilde{o} \right  - \left  \tilde{g} \right  - \left  - \right  1 \left  - \right $
Spanish	b o - k a	g o l a	d j e n t e -	u n a
Italian	b o k k a	g o l a	d ε n t e	u n g j a
PortugueseBrazil	bo-ke		$ \mathbf{d}  \tilde{\mathbf{e}}   -  \mathbf{t} \int  \mathbf{i}  -  - $	u   n   -   -   -   e
Portuguese	b o - k e		$d \left  \tilde{e} \right  - \left  t \right  \left  \frac{i}{i} \right  - \left  - \right $	u n e
Catalan	b o - k ə	g o l ə		
Walloon	b   o   k   -   -	g ø: j -	$\left  d \left  \widetilde{e} \right  - \left  - \right  - \left  - \right  - \right  - \right $	
Friulian	$ \mathbf{b}   \mathbf{c}  -  \mathbf{c}   \mathbf{\epsilon} $	$\begin{bmatrix} 3 \\ g \end{bmatrix} $ $\begin{bmatrix} 1 \\ e \end{bmatrix}$	d   i   n   t   -   -   -	$\mathfrak{g} - \mathfrak{u} = \mathfrak{s}$
Romanian	b u - k ə	gurə	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	pe-tiolus
French	1	$\begin{bmatrix} \mathbf{g} & \mathbf{a} & \mathbf{h} & \mathbf{b} \\ \mathbf{g} & \mathbf{\tilde{a}} \end{bmatrix} - \begin{bmatrix} \mathbf{b} & \mathbf{a} \\ \mathbf{b} \end{bmatrix} - \begin{bmatrix} \mathbf{g} & \mathbf{g} \\ \mathbf{g} \end{bmatrix}$	p c r m a	
Spanish	p j e	g a m b a	p j e r n a	$p \mid e \mid - \theta \mid i \mid o \mid l \mid o \mid - \theta \mid i \mid o \mid l \mid o \mid - \theta \mid i \mid o \mid l \mid o \mid - \theta \mid i \mid o \mid o$
Italian	p j e: - d e -	g a m b a	$p \mid \epsilon \mid r \mid n \mid o \mid -$	p i t t - 0 1 o -
PortugueseBrazil	$ \mathbf{p} $ - $ \mathbf{\epsilon} $ - $ - $ -		р в в и в -	
Portuguese	p -   e   -   -   -		perpension	
Catalan	$ \mathbf{p}  -  \mathbf{\epsilon}  \mathbf{w}   -   -   -$	k a m b ə	pεrnə-	
Walloon	p - i:	ф ã - р -		
Friulian	p - i: - t	ја 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
	Knee-Genuculum	Hand	Wing	Belly
Latin		nm a n u m	a: 1 a	w - e n t r e m
French	3 - ə n u	m ẽ	e 1 -	$ \mathbf{A}  -  \mathbf{A}  -  \mathbf{A}  +  \mathbf{A}  -  \mathbf{A} $
Spanish	- i n o - x o	m a n o -	a l a	b j e n t r e -
Italian			a l a	
roitugueseblazii	3   u   e   -   -   -   -   \lambda   u	$\mathbf{m} \mathbf{g} - \mathbf{r}$	a   -   -	
Doutus				
Portuguese	3 w e 1 - 1 u		a	
		$ \widetilde{\mathbf{w}} $		
Catalan	3 - 9 n o K -		a l ə	b - e n t r ə -
Walloon	dg -   i   n   o   -   -   -   -	-m   e   -   -   -	e 1 -	$ v  -  \widetilde{\epsilon}  -  t  -  - - $
Friulian	dz - e n o 1 i		a l e	v   i   n   t   r   i   -   -
Romanian	ф - e n u n k <sup>j</sup>	m i n ə -		v i n t r e
	Belly-Pantex	Guts	Neck	Back
Latin	p a n t i k e m	i n t e r a: n e a	k - o 1 1 u m	d - o r s u m
1	Pantrakem		10 1 1 4 111	
French	p a n t 1 k e m p a - s		k - u	
French	$p \mid \tilde{\alpha} \mid - \mid s \mid - \mid - \mid - \mid - \mid$	$\left  \vec{\alpha} \right  - \left  t \right  - \left  \mathbf{k} \right  \mathbf{a} \left  - \right  - \left  \mathbf{j} \right $	k - u	d   -   o   -   -   -
French Spanish	$egin{array}{c c c c c c c c c c c c c c c c c c c $		k - u k w e - j o -	d   -   o   -   -   -
French Spanish Italian	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{vmatrix} \tilde{\alpha} & - & t & - & \kappa & a & - & - & j \\ e & n & t & - & r & a & n & - & a \end{vmatrix} $	k - u k w e - j o - k - o l l o -	
French Spanish Italian PortugueseBrazil	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{vmatrix} \tilde{\alpha} & - & t & - & B & a & - & - & j \\ e & n & t & - & r & a & n & - & a \\ \end{vmatrix} $	k w e - j o - k w o l l o - k - o l l u -	d   -   o   -   -   -
French Spanish Italian PortugueseBrazil Portuguese	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{vmatrix} \tilde{\alpha} & - & t & - & k & a & - & - & j \\ e & n & t & - & r & a & n & - & a \\ \end{vmatrix} $	k - u k w e - j o - k - o l l o - k - b - l u - k - o - l u - k - o - l u -	$- \begin{vmatrix} - & - & - & - \\ - & & - \end{vmatrix} $
French Spanish Italian PortugueseBrazil Portuguese Catalan	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{vmatrix} \tilde{\alpha} & - & t & - & B & a & - & - & j \\ e & n & t & - & r & a & n & - & a \\ \end{vmatrix} $	k w e - j o - k w o l l o - k - o l l u -	$\begin{vmatrix} d & - &   & o &   & - &   $
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{vmatrix} \tilde{\alpha} & - & t & - & k & a & - & - & j \\ e & n & t & - & r & a & n & - & a \\ \end{vmatrix} $	k - u k w e - j o - k - o l l o - k - b - l u - k - b - l u - k - b - l - k - c - k	d   -   o   -   -   -   -     -     d   -   b     s   s   o   -       b
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{vmatrix} \tilde{\alpha} & - & t & - & k & a & - & - & j \\ e & n & t & - & r & a & n & - & a \\ \end{vmatrix} $	k - u k w e - j o - k - o l l o - k - b - l u - k - o - l u - k - o - l u -	d   -   o   -   -   -   -   -     -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{vmatrix} \tilde{\alpha} & - & t & - & k & a & - & - & j \\ e & n & t & - & r & a & n & - & a \\ \end{vmatrix} $	k w e - j ο - k - ο 1 1 ο - k - ο 1 1 u - k - ο 1 1 u - k - ο - 1 u - k - ο - 1 u - k - ο - 1 u - k - ο - 1 u - k - ο - 1 u - k - ο - κ - ο - ο	d   -   o   -   -   -   -   -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	p a n b - a - a - p a n f - a - b - a - b - a - b - b - b - b - b	$ \begin{vmatrix} \vec{\alpha} & - & t & - & k & a & - & - & j \\ e & n & t & - & r & a & n & - & a \\ \end{vmatrix}                                $	k - u	d   -   o   -   -   -   -   -   -       -       -       -       -       -         -         -         -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	p q	\$\tilde{a}\$   \$\tilde{t}\$   \$\tilde{t}\$	k - u	d   -   o   -   -   -   -   -   -   -   -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	p q	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	d   -   o   -   -   -   -   -   -       -       -       -       -       -         -         -         -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	p α	\$\tilde{a}\$   \$\tilde{t}\$   \$\tilde{t}\$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	d   -   o   -   -   -   -   -   -   -   -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian	p α	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	d   -   o   -   -   -   -   -   -   -   -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	p α	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	d   -   o   -   -   -   -   -   -   -   -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian	p a n b - a - a p a n f - a - a p a n f - a - a p e - s - e p a p f - a - e p a n f - a - e p a n f - a - e p a n f - a - e p a n f - a - e p a n f - a - e p a n f - a - a  p a n f - a - a  p a n f - a - a  p a n f - a - a  p a n f - a - a  p a n f - a - a  p a n f - a - a  p a n f - a - a  p a n f - a - a  a - a - a - a  a - a - a - a  a - a -	\bar{\alpha} \cdot	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	d   -   o   -   -   -   -   -   -   -   -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese	p q	\( \tilde{a} \)	k - u	d   -   o   -   -   -   -   -   -   -   -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	p α n θ - s - a         p a n f - a         p a n f - a         p e - s - e         p e - s - e         p e - s - e         p a n f - a      <	\( \tilde{a} \)	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	d   -   o   -   -   -   -   -   -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	p α n θ - s - a         p a n f - a         p α n f - a         p ε - s - e         p ε - s - e         p ε - s - e         p ε - s - e         p α n f - a         p α n f - e         p α n f - e         p α n f - e         p α n f - e         p α n f - a      <	The initial content of the content	k - u	d   -   o   -   -   -   -   -   -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	p α n θ - s - a         p a n f - a         p a n f - a         p e - s - e         p e - s - e         p e - s - e         p a n f - a      <	\( \tilde{a} \)	k - u	d   -   o   -   -   -   -   -   -

	Heart-Anima	Liver	Sun	Sun-Soliculus
Latin	a n i m a	f - i: k a: t u m	s o: 1 e m	s o l i k u l u s
French	a m -	f w a		s o 1 εj
Spanish	a 1 - m a	- i y a ð o -	s o 1	
Italian	a 1 - m a	f - e g a t o -	s o 1 e -	
PortugueseBrazil	a w - m e	f - i g e d u -	s o w	
Portuguese	a l - m e	f - i y e ð u -	s o 1	
Catalan		f - e d ə	s o 1	
Walloon	-   -   m   -	f - ø: t	$\begin{bmatrix} s & s & 1 \\ s & s & 1 \end{bmatrix} $ $\begin{bmatrix} s & -1 \\ s & -1 \end{bmatrix}$	
Friulian	a n i m e	$\begin{vmatrix} \mathbf{f} & \mathbf{j} & \mathbf{k} \\ \mathbf{f} & \mathbf{j} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{f} & \mathbf{j} \\ \mathbf{k} & \mathbf{j} \end{vmatrix} = \begin{vmatrix} \mathbf{f} & \mathbf{k} \\ \mathbf{j} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{f} & \mathbf{k} \\ \mathbf{j} & \mathbf{k} \end{vmatrix}$		s o r e - 1 i -
Romanian	i n i m ə	f - i k a t	s oa r e -	
Ttomanian	Moon	Star	Water	Rain
Latin	l u: n a	- s t - e: 1 1 a	a - kw - a	p 1 u - w i a
French	1 y n -	e - t w a - 1 -	0	p 1 q i -
Spanish	l u n a	e s t r e - j a	a - y w a	j - u - b j a
Italian	l u n a	- s t - e 1 1 a	a k k w a	p j o d dz - a
PortugueseBrazil	l u - e	i s t r e - 1 e	a - g w e	$\int_{0}^{\infty} \left  - \left  u \right  - \left  v \right  - \left  e \right $
Portuguese	l u - e	i f t r e - 1 e	a - g w e	$\int  - u  -  v  -  e $
Catalan	Λunə	$\begin{vmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 $	aj - γ w ə	
Walloon		- s t - ø: - 1 -	EI - W -	b   1   n   -   2   -   -
Friulian	l u n e	$\begin{vmatrix} - & s & t & - & b & - & 1 & e \\ - & s & t & - & \epsilon & - & 1 & e \end{vmatrix}$		1
Romanian	l u n ə		O	p 1 o j e p 1 oa j e
Nomanian			a   -   p   -   ə	
	Divar	Divor Divile	Pivor Pinaria	l ako
Latin	River	River-Rivus	River-Riparia	Lake
Latin French	f 1 u: m e n	r i: w u s	r i: p - a: r i a	1 a k u m
French		r i: w u s		1 a k u m 1 a k
French Spanish	f 1 u: m e n	r i: w u s s y r i - o -	r i: p - a: r i a	1 a k u m 1 a k 1 a g o -
French Spanish Italian	f   1   u: m   e   n	r     i:     w     u     s       s     y     -     -       r     i     -     o     -       r     i     -     o     -	r i: p - a: r i a	l a k u m l a k l a g o - l a g o -
French Spanish Italian PortugueseBrazil	f   1   u: m   e   n  f   j   u   m   e   - f   1   u   m   i   -	r     i:     w     u     s       g     y     -     -     -       r     i     -     o     -       r     i     -     o     -       g     i     -     w     -	r i: p - a: r i a	l a k u m l a k l a g o - l a g o - l a g u -
French Spanish Italian PortugueseBrazil Portuguese	f   1   u: m   e   n	r     i:     w     u     s       g     y     -     -       r     i     -     o     -       r     i     -     o     -       g     i     -     w     -       g     i     -     u     -	r i: p - a: r i a	l a k u m l a k l a g o - l a g o - l a g u - l a y u -
French Spanish Italian PortugueseBrazil Portuguese Catalan	f   1   u: m   e   n  f   j   u   m   e   - f   1   u   m   i   -	r     i:     w     u     s       g     y     -     -     -       r     i     -     o     -       r     i     -     o     -       g     i     -     w     -	г i: р - а: г i а в i v j е в	lakum lak lago- lago- lagu- layu- ʎak
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	f   1   u: m   e   n  f   j   u   m   e   - f   1   u   m   i   - f   1   u   m   i   -	r     i:     w     u     s       g     y     -     -       r     i     -     o     -       r     i     -     o     -       g     i     -     w     -       g     i     -     u     -	r i: p - a: r i a	l a k u m l a k l a g o - l a g u - l a γ u - Λ a k l a k
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	f   1   u: m   e   n  f   j   u   m   e   - f   1   u   m   i   -	r       i:       w       u       s         g       y       -       -       -         r       i       -       o       -         r       i       -       w       -         g       i       -       u       -         r       i       -       w       -	г i: р - а: г i а в i v j е в	l a k u m l a k l a g o - l a g u - l a γ u - λ a k l a k l a t
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	f   1   u: m   e   n         f   j   u   m   e   -         f   1   u   m   i   -         f   1   u   m   -   -	r     i:     w     u     s       g     y     -     -     -       r     i     -     o     -       r     i     -     o     -       g     i     -     w     -       g     i     -     u     -       r     i     -     w     -	r   i   v   i:   -   r   -   -   -	lakum lak lago lagu layu Kak lak la:t lak
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	f   1   u: m   e   n  f   j   u   m   e   - f   1   u   m   i   - f   1   u   m   i   -	r i: w u s  g y	r   i   v   j   e   в   -   -  Stone	lakum lak lago lagu layu kak lak lak lak Stone-Petra
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	f   1   u: m   e   n  f   j   u   m   e   - f   1   u   m   i   - f   1   u   m   i   -  Sea m   a   r   e	r i: w u s  g y	r   i   v   i:   -   r   -   -   -	l a k u m l a k l a g o - l a g o - l a g u - l a y u - ʎ a k l a k l a k l a k Stone-Petra
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	f   1   u: m   e   n    f   j   u   m   e   -	r   i:   w   u   s     s     y         r   i   - 0   -	r   i   v   j   e   в   -   -  Stone	l a k u m l a k l a g o - l a g o - l a g u - l a y u - ʎ a k l a k l a k l a k l a k l a k l a k l a k l a k l a k
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish	f   1   u: m   e   n    f   j   u   m   e   -	r   i   w   u   s   s   y	r i: p - a: r i a	l a k u m l a k l a g o - l a g u - l a y u - ʎ a k l a k l a k l a k l a k l a k j e t r a p j e - ʁ - p j e ð r a
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian	f   1   u: m   e   n    f   j   u   m   e   -	r   i   w   u   s   s   y	r i: p - a: r i a	l a k u m l a k l a g o - l a g o - l a g u - l a y u - ʎ a k l a k l a k l a k j e t r a p j e - в - p j e ŏ r a p j e: t r a
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil	f   1   u: m   e   n  f   j   u   m   e   - f   1   u   m   i   - f   1   u   m   i   -   Sea  m   a   r   e m   a   r   e m   a   r   e m   a   r   e m   a   r   e m   a   r   e m   a   r   e m   a   r   e	r   i   w   u   s   s   y	r i: p - a: r i a	l a k u m l a k l a g o - l a g o - l a g u - l a y u -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese	f   1   u: m   e   n  f   j   u   m   e   - f   1   u   m   i   - f   1   u   m   i   -   Sea  m   a   r   e m   a   r   e m   a   r   e m   a   r   e m   a   r   e m   a   r   e m   a   r   e m   a   r   e m   a   r   e m   a   r   e	r   i   w   u   s	r i: p - a: r i a	1 a k u m         1 a g o -         1 a g o -         1 a g u -         1 a y u -         Λ a k         1 a k         1 a k         1 a k         p a k         1 a k         2 a k         3 a k         4 a k         5 a k         6 a k         7 a k         8 a k         9 a k
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	f   1   u: m   e   n  f   j   u   m   e   - f   1   u   m   i   -  f   1   u   m   i   -   Sea  m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e	r   i   w   u   s   s   y	r i: p - a: r i a	l a k u m l a k l a g o - l a g o - l a g u - l a γ u - λ a k l a k l a k l a k l a k p j e t r a p j e - ε δ r α p - e d r ε p - e δ r ε p - e δ r ε p - e δ r ε
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	f   1   u: m   e   n  f   j   u   m   e   - f   1   u   m   i   -  f   1   u   m   i   -  Sea  m   a   r   e   m   a   r   e	r   i   w   u   s	r i: p - a: r i a	1 a k u m         1 a g o -         1 a g o -         1 a g u -         1 a y u -         Λ a k         1 a k         1 a k         1 a k         1 a k         1 j e k         2 c c c c c c c c 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	f   1   u: m   e   n  f   j   u   m   e   - f   1   u   m   i   -  f   1   u   m   i   -   Sea  m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e   m   a   r   e	r   i   w   u   s   s   y	r i: p - a: r i a	l a k u m l a k l a g o - l a g o - l a g u - l a γ u - λ a k l a k l a k l a k l a k p j e t r a p j e - ε δ r α p - e d r ε p - e δ r ε p - e δ r ε p - e δ r ε

	Stone-Lapidem	Sand	Sand-Sabulum	Sand-Sabula
Latin	l a p i d e m	h a r e: n a	s a b u l u m	s a - b u 1 a
French	-   w   <b>F</b>   -   w   -	1	s a b - 1	
Spanish	1 a u - d e -	- a r e n a		
İtalian	lapide-			s a b b - j a
PortugueseBrazil	1	- a r ej - e	s aj β - r u -	
Portuguese		- e r ej - e	s aj β - r u -	
Catalan		-   ə   r   e   n   ə	s o r ə	
Walloon			$s \mid o: \mid v \mid j \mid \tilde{o} \mid - \mid - \mid$	
Friulian			s a v a l o n	
Romanian		- a r i n ə		
	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	p   u   d   R   -   -   -   -		t   -   e   -   R   -	n y
Spanish		p o 1 b o -	t j e - r a	n u b e -
Italian	p o 1 v e r e -		t - E r r a	n u b e -
PortugueseBrazil		$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	t - е - к в	n u v ej -
Portuguese		p   o   -   -   -	t   -   ε   -   <b>R</b>   <b>B</b>	$ n u v \widetilde{e}\widetilde{j} $
Catalan		p   o   1   s   -   -	$t -  \varepsilon  -  r  $ $\theta$	
Walloon			t - E: - R -	
Friulian	p 3 1 v a r		t j ε - r e	
Romanian	pulbere-	F	ts - a - r ə	F T
Latin	Cloud-Secondary	Fog	Fog-Nebula	Fog-Tenebrae
French	n u: b i l u s	k a: 1 i: g i n e m	n - e - b u l a n j s l l y	t e n e: b r aj
Spanish	n u b - 1 o -	k a 1 i n a -	n j e - b - 1 a	
Italian	n u v o l a -	kalidzine	n - e b b - j a	t   E:   n   e   b   r   e
PortugueseBrazil		k a l i z ej	$n - \varepsilon - v w - \varepsilon$	
Portuguese	n u b l a d u	$\begin{vmatrix} \mathbf{k} & \mathbf{a} & \mathbf{i} & \mathbf{i} & 3 & \mathbf{e} \mathbf{j} \\ \mathbf{k} & \mathbf{e} & \mathbf{l} & \mathbf{i} & 3 & \mathbf{e} \mathbf{j} \end{vmatrix} - \begin{vmatrix} \mathbf{i} & 3 & \mathbf{e} \mathbf{j} \\ \mathbf{i} & 3 & \mathbf{e} \mathbf{j} \end{vmatrix} - \begin{vmatrix} \mathbf{i} & 3 & \mathbf{e} \mathbf{j} \\ \mathbf{i} & \mathbf{i} & \mathbf{i} \end{vmatrix}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
Catalan	n u β u ł		n - e w 1 ə	
Walloon	11   4   p   4   1			
Friulian	n  u:  -   -   1   -   -			
Romanian	n o r		$n \mid e \mid g \mid u \mid r \mid \vartheta \mid - \mid -$	
	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 1 u m
French	t - e n - ε b в	f y m e		s   j   ε   1   -   -
Spanish	t - i n j e b l a s	f u m a t a		$\theta \mid j \mid e \mid 1 \mid o \mid -$
Italian	t   -   ε:   n   -   e   b   r   e   -	f u m a: t a		tf   -   ε   1   o   -
PortugueseBrazil		f u m a s e		$ s  -  \epsilon   w  -  -$
Portuguese	$\left  \begin{array}{c c c c c c c c c c c c c c c c c c c $	f u m a s e		$ s  -  \epsilon   w  -  -$
Catalan	$t -  \vartheta  n -  e  b  r  \vartheta  s$			s   -   ε   1   -   -
Walloon				s - i:
Friulian		f u m a t e		tf - i: 1
Romanian			tf ea tf - ə	tf   -   e   r   -   -

	Wind	Snow	Ice	Ice-Glacies
Latin	w - e n t u m	n - i w e m	g e 1 u:	
French	v - a		3 ε 1 -	g 1 a - s -
Spanish	b j e n t o -	n   j   e   b   e   -	j e 1 o	191 121 121
Italian	$v - \epsilon n t o -$	n - e v e -	dz ε 1 o	g j a t t a
PortugueseBrazil	$\begin{vmatrix} v & e & h & t & 0 \\ v & - & \tilde{e} & - & t & u & - \end{vmatrix}$	$\begin{vmatrix} \mathbf{n} & \mathbf{e} & \mathbf{v} & \mathbf{e} \\ \mathbf{n} & \mathbf{e} & \mathbf{v} & \mathbf{i} \end{vmatrix}$	(a5) c   1   0	
Portuguese	$\begin{vmatrix} \mathbf{v} \\ \mathbf{v} \end{vmatrix} - \begin{vmatrix} \mathbf{e} \\ \mathbf{e} \end{vmatrix} - \begin{vmatrix} \mathbf{t} \\ \mathbf{u} \end{vmatrix} - \begin{vmatrix} \mathbf{u} \\ \mathbf{u} \end{vmatrix} - \begin{vmatrix} \mathbf{e} \\ \mathbf{v} \end{vmatrix} - \begin{vmatrix} \mathbf{e} \\ \mathbf$	$\begin{vmatrix} \mathbf{n} & \mathbf{\epsilon} & \mathbf{v} & \mathbf{i} \\ \mathbf{n} & \mathbf{\epsilon} & \mathbf{v} & \mathbf{i} \end{vmatrix} -$		
Catalan	b - e n	n - e w	3   ε   1   -	g 1 a - s -
Walloon	$\begin{vmatrix} \mathbf{v} & - & \mathbf{\tilde{e}} \\ \mathbf{v} & - & \mathbf{\tilde{e}} \end{vmatrix} - \begin{vmatrix} - & - & - \\ - & - & - \end{vmatrix}$	n i: f	3   6   1	$egin{array}{c c c c c c c c c c c c c c c c c c c $
Friulian	v - i n t	n - e: f		g l a - tf e
Romanian	$\begin{vmatrix} \mathbf{v} & -\mathbf{i} & \mathbf{n} & \mathbf{t} \\ \mathbf{v} & -\mathbf{i} & \mathbf{n} & \mathbf{t} \end{vmatrix} = -$	n - ea	ф e r -	g - ea - ts ə
Normanian	Smoke	Fire-Focus	Ash	Ash-Cinisia
Latin	f u: m u s	f - o k u m	k i n e - r e m	ASII-CII IISIA
French	1  u. III  u   S	$ \mathbf{f}  -  \mathbf{g}  -  \mathbf{g} $		
			$ \mathbf{g}  \mathbf{g}   -  \mathbf{g}  \mathbf{R}   -  \mathbf{g}  \mathbf{R}  $	0 0 0 0 0 0
Spanish	- u m o -	f w e g o	f	$ \theta  e  n  i  \theta  a -$
Italian	f u m o -	f w o k o -	tf   e   n   e   -   r   e   -	-   ~       -   -   ſ
PortugueseBrazil		f o g u -		$\begin{vmatrix} \mathbf{s} & \mathbf{\tilde{i}} \\ \mathbf{\tilde{i}} \end{vmatrix} - \begin{vmatrix} - & \mathbf{z} & \mathbf{e} \end{vmatrix} \int_{\mathbf{\tilde{c}}}$
Portuguese	f u m u -	f o y u -	1	$ \mathbf{s}   \mathbf{\tilde{i}}  -  \mathbf{z}   \mathbf{v}   \mathbf{\tilde{j}} $
Catalan	f   u   m   -   -	$\left  \begin{array}{c c} f & - & \mathfrak{o} & k & - & - \end{array} \right $	$s \mid \varepsilon \mid n \mid - \mid d \mid r \mid \vartheta \mid -$	
Walloon		f - ø:	s   e =   -   d   -   -   -	
Friulian	f u m	f - u: k		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Romanian	f   u   m   -   -	f - o k		tf e n u f ə -
1 (	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		$\int_{\Gamma}  \mathfrak{d} - m  \tilde{\varepsilon}  - - -$	m õ
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		i s t r a d e	k a - m î n u -	m o - tf i -
Portuguese	v i v	i   f   t   r   a   ð   e	k e - m i n u -	$\mathbf{m} \mid \tilde{\mathbf{o}} \mid - \mid \mathbf{t} \mid \dot{\mathbf{i}} \mid -$
Catalan	b i ə		k   ə   -   m   i   -   -   -	m u n
Walloon				
Friulian				m o n t
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	$\mathbf{m} \mid \tilde{\mathbf{o}} \mid - \mid \mathbf{t} \mid \mathbf{a} \mid - \mid \mathbf{p} \mid - \mid - \mid$	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 -
	m õ - t ë - n - e	n - oj t <del>i</del>	d i e -	
Portuguese	m õ - t e - n - e	n - oj t <del>i</del>	d i e -	
Catalan	m u n t a - n - ə	n   -   i   -   t   -   -	d i ə -	3 - 0 r n dz - u:
Walloon	m o - t a - n	n - y - t	dz u:	dg -   u:   -   -   -
Friulian	m   2   n   t   a   -   n   e   -	n - o - t	d i	
Romanian		n - oa p t e -	z i	

	Day-Diurna	Day-Diurnata	Year	Name-Nomen
Latin	,	d i u r n a: t a	a n n u m	n o: m e n
French		3 - и в п е	$ \tilde{a} $ - $ - $ -	$ \mathbf{n}   \widetilde{\mathbf{o}}  -  - - $
Spanish		x - o r n a d a	a - n o -	
Italian		dz o r n a t a -	a n n o -	n o: m e -
PortugueseBrazil	з э в n a		e - n u -	n o m i -
Portuguese	0		e - n u -	n o m i -
Catalan	3 3 K N a			
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
		1         1		n õ – – –
Friulian		dz - o r n a d e	a - ŋ	n o n
Romanian			a   n   -   -   -	n u m e -
	Name-Nominem	ManMale	ManHuman	Tongue
Latin	n o m i n - e m			l i n g <sup>w</sup> - a
French				1 a - g
Spanish	n o m - b r e -	o m b r e -	ombre	l e ŋ g w a
Italian		w o: m o	w or m o	1 i n g w a
PortugueseBrazil		o m ej	o m ej –	1   î   -   g   w   e
Portuguese		o m ej	o m ẽj – –	$ 1 \tilde{i} - g w e$
Catalan		o m ə		
Walloon				1   e   -   -   -
				<u>u</u>
Friulian				$1 \hat{\epsilon}  n  g - \epsilon$
Romanian		b ə r b a t		1 i m b - ə
	ToDrink	ToEat	ToEat-Manducare	ToBite
Latin	b i b - e r e	k o m e d e r e	m a n d u k a: r e	m - o r d e: r e
French	b w a в -		m a - 3 e	ш - о в q - в -
Spanish	b e b - e r -	k o m e r -	manďukar-	m - o r ð e r -
Italian	b e r e		mandgare	m - o r d e r e
PortugueseBrazil		k   o   m   e   -   -   -	$\mathbf{m} \mid \mathbf{\tilde{g}} \mid - \mid \mathbf{\tilde{g}} \mid - \mid - \mid \mathbf{a} \mid \mathbf{R} \mid - \mid$	ш - о к q е к -
Portuguese	b i β - e r -		$\mathbf{m} \stackrel{\circ}{\mathbf{e}} - \mathbf{g} - \mathbf{a} \stackrel{\circ}{\mathbf{r}} -$	m - u r ð e r -
Catalan	b e w r ə		mənz - a -	
Walloon	p \@: R -		m a n i:	
Friulian	b e v i		m a n f - a:	m w a r d i
Romanian	b ea		m i n k a	
Nomanian	ToBite-Morsicare	ToSuck		ToSpit-Exconspuere
Latin	m o r s i k a: r e		ToSpit	100pit-Exconspuere
	m o i si ka: r e	s u: g e r e	k o n s p u e r e	
French	m o - s - k a r -	s   y   s   e   -   -	k   5   -   s   p   y   e   -   -	e   s   k   u   -   p   i   r
Spanish				e s K u - p 1 f
Italian	m o r s i k a r e		1	
PortugueseBrazil	m u - s ə g a	s u g a r -	k u - s p i r	
Portuguese	m u - s ə g a r -	s u g a r -	$ \mathbf{k} \mathbf{u}  -  \int  \mathbf{p}  \mathbf{i}  \mathbf{r}  -  \mathbf{r} $	•
Catalan	$m u  -  s  \vartheta  \gamma  a  - -$			a  s  k  u -  p  i -
Walloon		s y s i:		
Friulian		c u c a:		
Romanian	m u r s e k a	s u d e		-   s   k   u   j   p   a   -

	ToSpit-Sputare	ToVomit	ToBlow	ToBreathe
Latin	- s p u t e r e	w o m e r e	f   1   a:   r   e   -   -   -	s p i: r a: r e
French		v o m i в	s u f 1 e	к e s b i к e
Spanish	e s p u t a r -	bomitar-	s o p 1 a r	respicac-
Italian	- s p u t a r e	v o m i t a r e	s o f f j a r e	respirare
PortugueseBrazil		vumitaв-	sopra B	ве рігаг-
Portuguese		vumitar-	s u p r a r	R i l b i l a l -
Catalan		bumita-	1	r ə s p i r a
Walloon		v o: m i		R ε s b i R e
Friulian	s p u d a:	g o m i t a:		r e s p i r a:
Romanian	•   <b>F</b>   •   •   •	a v o m i t a -		arespira-
	ToLaugh	ToSee	ToHear	ToKnow
Latin	r i: d e: r e	w i d e: r e	a d i: r e	s k i: r e
			ų l	
French	R   I   R   -   -   -	v w a в	$\frac{\tilde{\mathbf{q}}}{\tilde{\mathbf{q}}}$ t $\tilde{\mathbf{q}}$ d R	
Spanish	r e i r	b e r	o i r	
Italian	r i: d e r e	v e d e: r e	u d i: r e	
PortugueseBrazil		A 6 R	o(	
			W	
			)	
Portuguese	R   I   L   -   -   -	v   e   r   -   -   -	ovir-	
Catalan	r i w r ə -	b e w r ə -	s ə n t i	
Walloon	R i: R	$\begin{bmatrix} \mathbf{v} & \mathbf{\varepsilon} & \mathbf{j} & \mathbf{i} \\ \mathbf{i} & \mathbf{j} & \mathbf{i} \end{bmatrix} = \begin{bmatrix} \mathbf{v} & \mathbf{v} \\ \mathbf{v} & \mathbf{v} \end{bmatrix}$	o j ii	
Friulian	r i d i	v j o d i -	s i n t i	
Romanian	a r i d e -	a v e d ea -	a w z i -	∫   t   i   -   -
	ToKnow-Sapere	ToKnow-Cognoscere	ToThink	ToThink-Pensare
Latin	s   a   p   -   e   r   e	k o g n o: s k e r e	k - o: g i t a: r e	p e: n s a: r e
French	s a v w a r	k σ - n ε - t κ	k y i d e	$\begin{vmatrix} \mathbf{r} & \mathbf{r} \end{vmatrix}$
Spanish	sab-er-	k o - n o θ e r	kw i dar -	p e n s a r -
Italian	s a p - e r e	ko-nossere	k - o dz i t a r e	p e n s a r e
PortugueseBrazil		k o - p 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 3 i t a r -	p e - s a r -
Catalan	$\begin{vmatrix} s & b & b & \epsilon \\ s & b & \beta & \epsilon & - \end{vmatrix}$	$k u - n \epsilon \int - \vartheta - $	k - u - j d a	p a n s a
Walloon	s a v - ø: R -	k i - n o h	J J J 5	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Friulian	s a v - e:	ko-pos-i-		p e ŋ s a:
Romanian	0 3 7 7 9	k u - n oa ∫ t e	k - u dz e t a	p ə - s a
	ToSmell-Sentire	ToSmell-Olere	ToSmell-Odorare	ToSmell-Fragrare
Latin	s e n t i: r e	o l e: r e	o d o: r a: r e	f r a: g r a: r e
French	$ \mathbf{s}   \mathbf{\tilde{u}}  -  \mathbf{t}   \mathbf{i}   \mathbf{R}  -  \mathbf{r} $			f 1 ε - κ e
Spanish	s e n t i r	o 1 e r -		
Italian	s e n t i r e	o l i r e	o d o r a r e	f r a g r a r e
PortugueseBrazil		U   1   1   1   U	0   4   0   1   4   1   0	∫ - ej - r a r -
Portuguese	s e t i r -			$\int_{0}^{\infty} -  \mathbf{r}  =  \mathbf{r}  =  \mathbf{r}  =  \mathbf{r} $
Catalan	s ə n t i	u l u r a		fləjra-
Walloon	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	u   1   u   1   u		1   1   <del>0</del>   J   1   a
Friulian	s i n t i:			
Romanian	s i m ts i			
LOHIGHAN	S I M ts I			

	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 е - d - 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 -
Italian	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 e m e в -	t гем - ев -	q - о к m i к -	v i v e в -
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	muker-			
Catalan	muri	n -   ə   g   a   -   -		
Walloon	m o R i			t  u  w   -   e   -   -
Friulian	m u r i:			
Romanian	m u r i	n - e k a		
	ToKill-Mactare	ToKill-Occidere	ToFight	ToFight-Battuere
Latin	m a k t a: r e	o k k i: d e r e	p u g n a: r e	b a t t u e r e
French	m a - t e	э k s i в -		b a t   r
Spanish	ma-ta-		pu-nar-	b a - t - i r -
Italian		u t t i d e r e	p u n n a r e	b   a   t   t   -   e   r   e
PortugueseBrazil	m a - t a r -			b   a   -   t   -   e   в   -
Portuguese	me - tar-			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	$\mathbf{m}  \mathbf{a}  \mathbf{t}  - \mathbf{a} - -$			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 1 s a: r e	s - e k a: r e	k u r t a: r e
French	$\int  a  -  s  -  e  -  -$	p u - s e	s   j   e   -   -   -	
Spanish	k a - 0 - a r -	p u - x a r -	s - e g a r -	kortar-
Italian	$k \mid a \mid t \mid f \mid - \mid a \mid r \mid e$	p u l s a r e	s - e g a r e	
PortugueseBrazil	k a - s - a r -	р u - Л a в -	s - e g a в -	korqua ra-
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	$ tf   \epsilon  -  s  -  i:  -  - $			
Friulian	c a - f - a: - -	p u 1 s a:	s - e - a:	
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 а - Л - а в -	qi v i qi i в -	
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 i v i d i	
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	f a - d - r -	b а к t і к -	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 ε n d e r 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 f i r -	s e b a t a r	р - й - з і в -
Portuguese	$f \mid \tilde{e} \mid - \mid d \mid e \mid r \mid -$	perti	s i p g r a r	$\mathbf{p} - \mathbf{\tilde{u}} - \mathbf{\tilde{z}} \mathbf{i} \mathbf{r} -$
Catalan	$f \mid \epsilon \mid n \mid d \mid - \mid r \mid \vartheta$	p ə r t i	s   ə   p   ə   r   a   -   -   -	p   -   u   n   -   i   -   -
Walloon	$ \mathbf{f}  \tilde{\epsilon}  - \mathbf{t} - - -$	p 3: R t i		
Friulian		p   a   r   t   i:   -   -	s e p a r a:	
Romanian			s e p a r a	p u n d e
1 - 41	ToStab-lugulare	ToScratch	ToScratch-Rasare	ToScratch-Rasicare
Latin	j u g u l a: r e	r a: d e r e		
French	3   y   g   y   1   e   -   -		в a z e – –	1 1 1
Spanish		ra-er-	r a s a r -	r a s k a r
Italian	j u g u l a: r e	r a d e r e	r a s a r e	C 1
PortugueseBrazil		ва-ев-	ва гав -	Rall kar
Portuguese		R B - 6 L -	в в z a t -	в в l k a t
Catalan Walloon		$ \mathbf{r}  \mathbf{a}  \mathbf{w}  -  \mathbf{r}  \mathbf{a}$	r   ə   z   a   -   -	r ə s k a -
vvalloon Friulian		r   a   d   a:   -   -	r a s a:	
Romanian		r a d a: r a d e	1   a   8   a   -   -	
1 VIII alliall	ToScratch-Coctiare	ToDig	ToDig-Cavare	ToDig-Excavare
Latin	1000idion-000iidie	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 r		0     0   11   0   1   0
Spanish		=   · ·   *   *	kabar-	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 J		k k k a k -	i - \int k & v a & -
Portuguese	k u s a r		k e v a r	i - f k e v a r -
Catalan	1 - 1 - 1 - 1		k ə b a	J     -   -   -   -
Walloon			ç a: v - 1 e	
Friulian			j 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 l 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   1   a   r   e
PortugueseBrazil		n a v i y a r -	v o - a b -	
Portuguese	n - e ð a r -	nevia yar-	v w - a r -	
Catalan	n -   ə   d   a   -   -	n ə b ə g a	b u 1 a	
Walloon		n   ε   -   -   dʒ   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	$\int_{1}  \partial m  i n e$	m a r l e		
Spanish	k a m i n a r			a   n   d   -   -   a   r   -
Italian	k a m m i n a r e		m ε r dg e r e	a n d a r e
PortugueseBrazil				$\begin{vmatrix} \mathbf{s} \\ \mathbf{g} \end{vmatrix} - \begin{vmatrix} \mathbf{d} \\ \mathbf{d} \end{vmatrix} - \begin{vmatrix} - \mathbf{a} \\ \mathbf{R} \end{vmatrix} - $
Portuguese	keminar-			$ \tilde{\mathbf{e}}  -  \mathbf{d}  -  \mathbf{a} \mathbf{r} $
Catalan Walloon	k ə m i n a	- - - - :		
Friulian	tf i m i n e c a m i n a:	m a: R tf i:		
Romanian	C   a   m   1   n   a:   -   -   -		m a r d a	
Nomanian	ToCome	ToLieAsInABed	m e r d e ToLieAsInABed-lacere	ToCit
Latin	w e n i: r e	e k s t e n d e r e	j a - k e: r e	s - e d e: r e
French	v ə n i в -	e - t a - d - r -	3 e - z i s -	s w a B -
Spanish	b e n i r -	e k s t e n d e r	$\begin{vmatrix} 3 & 2 & 1 & 3 \\ 3 & a & \theta & e & r \end{vmatrix}$	
Italian	v e n i r e	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	dza - tfe: re	s - e d e r e
PortugueseBrazil		i s t e - d e r	3 s - z e r -	s   -   e   -   -   R   -
Portuguese	$\begin{vmatrix} \mathbf{v} \\ \mathbf{v} \end{vmatrix} - \begin{vmatrix} \mathbf{r} \\ \mathbf{i} \end{vmatrix} \mathbf{f} \end{vmatrix} -$	$i \int t \tilde{e} - d e r$	3 e - z e r -	$\begin{vmatrix} s & - & e & - & f \end{vmatrix}$
Catalan	b ə n i	ə - s t e n d - r ə	3 a w r ə	
Walloon	v i n i		dg e r e -	
Friulian	v i n i:		j e - s i	
Romanian	v e n i	e k s t i n d e	z ə - f ea	-   e   d   ea   -   -
	ToSit-Sedentare	ToStand	ToStand-Levare	ToStand-Altiare
Latin	s e d e n t a: r e	- s t a: r e	1 e v a: r e	- a 1 t i a: r e
French		$ \epsilon  -  t  -  \mathbf{R}  -$	1   ə   v   e   -   -	-   o   -   s   -   e   -   -
Spanish	s e - - n t a r -	e s t a r -	j e b a r -	-   a   1   θ   -   a   r   -
Italian		- s t a r e	l e v a r e	- a 1 ts a r e -
PortugueseBrazil		$ \mathbf{i}  \int  \mathbf{t}  a  \mathbf{r}  -$	1 e v a r -	-   a   1   s   -   a   -   -
Portuguese	s e t a r -	i f t a r -	l i v a r -	-   a   t   s   -   a   r   -
Catalan		ə s t a	λ ə b a	- ə 1 s - a
Catalan Walloon		ε   s   -   -   -	1 ə v e	h o: - s - i:
Catalan	s   e   -   -   n   t   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 <sup>w</sup> e: r e
French	t   u   ı   n   e   -   -	3 i k e	v i	t   э   в   d   -   в   -
Spanish	tornar-	x i r a r -	b i r a r -	torer
Italian	t o r n a r e	фігаге	v i r a r e	t or tfere
PortugueseBrazil	to ruar-	3 i r a r -	v i r a r -	t u r s e r -
Portuguese	t u r n a r -	3 i r a r -	girar-	t u r s e r -
Catalan	t u r n a	3 i r a	b i r a	t   3   r   s   9   -   -
Walloon	t u: r n e		v i	
Friulian	t o r n a:	dg i r a:	d3 i r a:	
Romanian	t u r n a	3 1 1 1 1	31 1 1 1	t oa r tf e
	ToFall	ToFall-Tumbare	ToGive	ToGive-Donare
Latin	k - a d e r e		d a r e	d o n a r e
French	$\int \mathbf{w}  \mathbf{a}  -  \mathbf{r}  \mathbf{R} -$	t   õ   -   b   e   -		d o n e
Spanish	k - a - e r -	t u m b a r	dar-	d o n a r -
Italian	k - a d e r e		d a r e	d o n a r e
	k - g - i r -	t   õ   -   b   a   ĸ	q a r -	d o - a
Portuguese	k - g - i r -	t õ - b a r	d a r -	d u - a r -
Catalan	k - a w - r ə	t u m b a -	d a r -	d u n a
Walloon	tf - E: R -	t u m - e -	[4]4	d i n e
Friulian	tf j a d e		d a: - -	
Romanian	k ə d ea		d a	
rtorriarrarr			a a	
	ToHold	ToHold-Segurar	ToSqueeze	ToSqueeze-Serrere
Latin	ToHold t e n - e: r e	ToHold-Segurar	ToSqueeze	ToSqueeze-Serrere
Latin French	t e n - e: r e	ToHold-Segurar	e k s p r i m - e r	ToSqueeze-Serrere
French	t e n - e: r e t ə n - i в -		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	es e r r e r e
	t e n - e: r e t e n - e r -	ToHold-Segurar	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	es   e   r   r   e   r   e 
French Spanish Italian	t e n - e r e t e n - e r - t e n - e r e	s e g u r a r	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	es   e   r   r   e   r   e 
French Spanish Italian PortugueseBrazil	t e n - e: r e t e n - e r - t e n - e r e t e n - e r -	$\begin{vmatrix} s & e & g & u & r & a & r \\ s & \dot{s} & \dot{g} & u & r & a & k \end{vmatrix}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	es   e   r   r   e   r   r
French Spanish Italian PortugueseBrazil Portuguese	t e n - e: r e t a n - e: r e t e n - e r e t e r - t e r -	s e g u r a r	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	es   e   r   r   e   r   r
French Spanish Italian PortugueseBrazil Portuguese Catalan	t e n - e: r e t a n - i s - t e n - e r e t e r - t e n - e r - t e r - t e r -	$\begin{vmatrix} s & e & g & u & r & a & r \\ s & \dot{s} & \dot{g} & u & r & a & k \end{vmatrix}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	es   e   r   r   e   r   r
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	t e n - e: r e t a n - i	$\begin{vmatrix} s & e & g & u & r & a & r \\ s & \dot{s} & \dot{g} & u & r & a & k \end{vmatrix}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	es   e   r   r   e   r   r
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	t e n - e: r e t ə n - i в - t e n - e r - t e n - e r e t e n - e r - t e n - i - r t e n - i - t i n - i - t i n j i	$\begin{vmatrix} s & e & g & u & r & a & r \\ s & \dot{s} & \dot{g} & u & r & a & k \end{vmatrix}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	es   e   r   r   e   r   r
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	t e n - e: r e t ə n - i ʁ - t e n - e r - t e n - e r e t e n - e r e t e r - t a n - i - t i n - i - t i n j i ts i n - e	$\begin{vmatrix} \mathbf{s} & \mathbf{i} & \mathbf{k} & \mathbf{k} & \mathbf{k} & \mathbf{k} \\ \mathbf{s} & \mathbf{i} & \mathbf{k} & \mathbf{k} & \mathbf{k} \\ \mathbf{s} & \mathbf{i} & \mathbf{k} & \mathbf{k} & \mathbf{k} \\ \end{vmatrix}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	es   e   r   r   e   r   r
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	t e n - e: r e t ə n - i в - t e n - e r - t e n - e r e t e n - e r - t e n - i - r t e n - i - t i n - i - t i n j i	s e g u r a r s i g u r a r s i y u r a r	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	es   e   r   r   e   r   r
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	t e n - e: r e t ə n - i ʁ - t e n - e r - t e n - e r e t e ʁ - t e r - t i n - i - t i n j i - ts i n - e -	s e g u r a r s i g u r a r s i y u r a r ToSqueeze- Appectorare	e k s p r i m - e r e p s ɛ̃ - d - s e k s p r e m - i r s p r ɛ m - e r i - ∫ p r ə m - e s i - ∫ p r ə m - e r ə - s p r e m - ə -  e - s p r i m - i - s k - r e m e	es   e   r   r   e   r   r
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	t e n - e: r e t ə n - i в - t e n - e r - t e n - e r e t e n - e r - t e n - i - e t e s - t ə n - i - t i n - i - t i n j i - ts i n - e -  ToSqueeze-Serare	s e g u r a r s i g u r a r s i y u r a r ToSqueeze- Appectorare	e k s p r i m - e r e p s s - d - s e k s p r e m - i r s p r s m - e r i - \int p r \text{\text{\text{\$m\$}} - e s} i - \int p r \text{\text{\$m\$}} - e s i - \int p r \text{\text{\$m\$}} - e s i - \int p r \text{\text{\$m\$}} - e s i - \int p r \text{\text{\$m\$}} - e s i - \int p r \text{\text{\$m\$}} - e s i - \int p r \text{\text{\$m\$}} - e s i - \int s p r e m - e r to - s k - r e m e  ToSqueeze-Stringere	es   e   r   r   e   r
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French	t e n - e: r e t ə n - i в - t e n - e r - t e n - e r e t e n - e r e t e в - t e n - i - t i n - i - t i n j i - ts i n - e -  ToSqueeze-Serare	s e g u r a r s i g u r a в s i y u r a r  ToSqueeze- Appectorare a p p e k t o r a: r	e k s p r i m - e r e p s ε - d - s e k s p r e m - i r s p r ε m - e r i - ∫ p r ə m - e s i - ∫ p r ə m - e r ə - s p r e m - ə -  e - s p r i m - i s k - r e m e  ToSqueeze-Stringere	es   e   r   r   e   r   r
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish	t e n - e: r e t θ n - i β - t e n - e r - t e n - e r e t e n - e r e t e β - t i n - i - t i n j i ts i n - e  ToSqueeze-Serare  s e - r a r e s e - β e θ e - r a r -	s e g u r a r s i g u r a в s i y u r a r  ToSqueeze- Appectorare a p p e k t o r a: r	e k s p r i m - e r e p ε ε - d - ε e k s p r e m - i r s p r ε m - e r i - ∫ p r ə m - e r i - ∫ p r ə m - e r ə - s p r e m - ə -  e - s p r i m - i - s k - r e m e  ToSqueeze-Stringere	es   e   r   r   e   r   r
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian	t e n - e: r e t θ n - i	s e g u r a r  s i g u r a r  s i y u r a r  ToSqueeze- Appectorare a p p e k t o r a: r  a - p - r e t a r	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	es   e   r   r   e   r   r
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil	t e n - e: r e t ə n - i ʁ - t e n - e r - t e n - e r e t e n - e r e t e ʁ - t i n - i - t i n j i - t i n - e - ToSqueeze-Serare	s e g u r a r  s i g u r a r  s i y u r a r  ToSqueeze- Appectorare a p p e k t o r a r  a - p - r e t a r	e k s p r i m - e r e p s ε - d - s e k s p r e m - i r s p r ε m - e r i - ∫ p r ə m - e s i - ∫ p r ə m - e r ə - s p r e m - i - s p r e m - e r  ToSqueeze-Stringere   c - s t r i n g e r e e - t s ε - d - s - s t r i n d e r e e f t r i n d e r e	es   e   r   r   e   r   r
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese	t e n - e: r e t θ n - i	s e g u r a r  s i g u r a r  s i y u r a r  ToSqueeze- Appectorare a p p e k t o r a: r  a - p - r e t a r	e k s p r i m - e r e p s ē - d - s e k s p r e m - i r s p r e m - e r i - ∫ p r ə m - e s i - ∫ p r ə m - e r a - s p r e m - a - e s p r i m - i - s k - r e m e  ToSqueeze-Stringere  e - t s ē - d - s - e s t r i n g e r e e - t s ē - d - s - e s t r e n - i r - s t r i n d e r e a ∫ t r ī - 3 i r - a ∫ t r ī 3 i r -	es   e   r   r   e   r   r
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	t e n - e: r e t θ n - i	s e g u r a r  s i g u r a r  s i y u r a r  ToSqueeze- Appectorare a p p e k t o r a r  a - p - r e t a r	e k s p r i m - e r e p s ē - d - s e k s p r e m - i r s p r e m - e r i - \int p r \times m - e r i - \int p r \times m - e r i - \int p r \times m - e r \tilde - s 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 ē - d - s e s t r e p - i r s t r i n dz e r e - \times \int t r \int z i r -	es   e   r   r   e   r   r
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	t e n - e: r e t ə n - i ʁ - t e n - e r - t e n - e r e t e n - e r e t e ʁ - t i n - i - t i n j i - t i n - e - ToSqueeze-Serare	s e g u r a r  s i g u r a r  s i y u r a r  ToSqueeze- Appectorare a p p e k t o r a r  a - p - r e t a r	e k s p r i m - e r e p s \( \tilde{\epsilon} \) - s p r e m - i r s p r \( \tilde{\epsilon} \) m - e s i - \( \int \) p r \( \tilde{\epsilon} \) m - e s i - \( \int \) p r \( \tilde{\epsilon} \) m - e s i - \( \int \) p r \( \tilde{\epsilon} \) m - e r \( \tilde{\epsilon} \) - s p r e m - e - \( \tilde{\epsilon} \) - s k - r e m e \( \tilde{\epsilon} \) - s t r i n g e r e \( \tilde{\epsilon} \) - s t r i n dz e r e \( \tilde{\epsilon} \) f t r \( \tilde{\epsilon} \) \( \tilde{\epsilon} \) f t r \( \tilde{\epsilon} \) 3 i r \( \tilde{\epsilon} \) s t r \( \tilde{\epsilon} \) n g e \( \tilde{\epsilon} \) t r \( \tilde{\epsilon} \) g e	es   e   r   r   e   r   r
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	t e n - e: r e t θ n - i	s e g u r a r  s i g u r a r  s i y u r a r  ToSqueeze- Appectorare a p p e k t o r a r  a - p - r e t a r	e k s p r i m - e r e p s ē - d - s e k s p r e m - i r s p r e m - e r i - \int p r \times m - e r i - \int p r \times m - e r i - \int p r \times m - e r \tilde - s 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 ē - d - s e s t r e p - i r s t r i n dz e r e - \times \int t r \int z i r -	es   e   r   r   e   r   r

	ToRub-Exfricare	ToRub-Frictare	ToRub-Frictiare	ToWash
Latin		f r i k t a: r e		l a w a: r e
French		f r o t e		1 a v e
Spanish		frotar-	f r i s a r	l aβar-
Italian		f r e t t a r e	12   2   2   0   0   1	l a v a r e
PortugueseBrazil	i f f c i a c			l v v a r -
Portuguese	$\begin{vmatrix} \mathbf{i} \\ \mathbf{j} \end{vmatrix} \int \mathbf{f} \cdot \mathbf{r} \cdot \mathbf{i} \cdot \mathbf{y} \cdot \mathbf{a} \cdot \mathbf{r}$			l v a r
Catalan	1   J   1   1   1   8   \alpha   1		f r a s a -	х b a
Walloon		f   B   o   t   e   -   -   -	Ι   Ι   Θ   Β   α	1 a v e
Friulian				1 a v a:
Romanian				1 a
rtornaman	ToWipe	ToWipe-Extergere	ToWipe-Exsucare	ToWipe-Limpidare
Latin	t e r g e r e	e k s t e r g e r e	e k s - u: k - a: r e	l i m p i d a: r e
French	3	1 1 1 1 1 1 3 1 - 1 - 1 - 1	e - s y i - j e	1 1 11 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Spanish		e - s t a r s i r -	e n x - u g - a r -	
Italian	t ε r dg e r e		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
PortugueseBrazil	1 - 1 - 1 - 91 - 1 - 1 -		$\tilde{e} - \int - u g - a r -$	1   î   -   p   -   -   a   r   -
Portuguese			$ \tilde{e}  -  \int_{0}^{3}  - u   \tilde{v}  -  a   r  -  a $	
Catalan			$\begin{vmatrix} \mathbf{a} \\ \mathbf{b} \end{vmatrix} - \begin{vmatrix} \mathbf{J} \\ \mathbf{J} \end{vmatrix} - \begin{vmatrix} \mathbf{u} \\ \mathbf{g} \end{vmatrix} \begin{vmatrix} \mathbf{a} \\ \mathbf{a} \end{vmatrix} - \begin{vmatrix} \mathbf{J} \\ \mathbf{J} \end{vmatrix} - \begin{vmatrix} \mathbf{J} \\ \mathbf{g} \end{vmatrix} \begin{vmatrix} \mathbf{J} \\ \mathbf{g} \end{vmatrix} = \begin{vmatrix} \mathbf{J} \\ \mathbf{J} \end{vmatrix} + \begin{vmatrix} \mathbf{J} \\ \mathbf{J} $	F
Walloon			-   -   s   -   u   -   w   e   -   -	
Friulian			- - s - u - j a:- -	
Romanian		-   -   \int   t   e   r   dz   e   -   -	u - s k - a	
	ToPull	ToPull-Pulsare	ToPull-Trahere	ToPush
Latin	t i r a: r e	p u 1 s a: r e	t r a h e r e	i m p i n g e r e
French	t i	p u - s e	t   R   -   -   ε   R   -	
Spanish	t i r a r -	pu-xar-		
İtalian	t i r a r e	p u l s a r e	t   r   a   r   -   r   e	impindere
PortugueseBrazil	tf i r a	$\begin{vmatrix} \mathbf{r} \\ \mathbf{p} \end{vmatrix} \mathbf{u} - \begin{vmatrix} \mathbf{r} \\ \mathbf{a} \end{vmatrix} \mathbf{r} - \begin{vmatrix} \mathbf{r} \\ \mathbf{r} \end{vmatrix}$	t r a z e	
Portuguese	t i r a r -	$\begin{vmatrix} \mathbf{r} \\ \mathbf{p} \end{vmatrix} \mathbf{u} - \begin{vmatrix} \mathbf{r} \\ \mathbf{a} \end{vmatrix} \mathbf{r} - \begin{vmatrix} \mathbf{r} \\ \mathbf{r} \end{vmatrix}$	t r e z e r -	
Catalan	t i r a		t r e w - r ə	$ \mathbf{a}  \mathbf{m}  \mathbf{p}  \mathbf{\epsilon}  \mathbf{n}  -  \mathbf{a}  -  \mathbf{m} $
Walloon	t i r e	p   u:   s   i:   -   -   -		
Friulian	t i r a:	p u 1 s a:	t   r   aj   -   -   -	
Romanian		p u 1 s a	t r a dz e	i m p i n d e
	ToThrow	ToThrow-Lanceare	ToThrow-Eruncare	ToTie
Latin	j a k t a: r e	l a n k e a: r e	e: - r u n k a: r e	l i g a: r e
French	3 ə - t e	1   <del>a</del>   -   s   -   e   -   -		1   i   -   e   -   -
Spanish	- e - t a r -	$\begin{vmatrix} 1 & a & n & \theta \end{vmatrix}$ - $\begin{vmatrix} a & r \end{vmatrix}$ -	a - r a n k a r -	l e g a r -
Italian	dg e t t a r e	l a n tf a r e -	a r r o n t a r e	l e g a r e
PortugueseBrazil		$\begin{vmatrix} 1 & \widetilde{e} & - & s & - & a & - & - \end{vmatrix}$		
Portuguese	g ej t a r	1   v   -   s   -   a   r   -		
Catalan	x i t a	λ ə n s - a		<b>λ i y a</b>
Walloon	dg ε t e - - -	1 a n c - i:		1   o   j   i:   -   -
Friulian Romanian		1 a n t a:		1 e - a:
			a - r u ŋ k a	1 e g a

	ToTie-Aptare	ToSew	ToCount	ToCount-Enumerare
Latin	a p t a: r e	k o: n - s u e r e	k o m p u t a: r e	e: n u m e r a: r e
French		k   u   -   d   -   -   -   в   -	k o t e	е n u m е в е
Spanish	a - tar-	k o s - e r -	k o n t a r -	e n u m e r a r -
Italian		k u tf - i r e	k o n t a r e	e n u m e r a r e
PortugueseBrazil		k u z - e r -	k õ t a r -	e n u m e r a r -
Portuguese	e - t a r -	k u z - e r -	k õ t a r	e n u m e r a r
Catalan		k u z - i	k u m t a	e n u m e r a -
Walloon		k ø: z	k ő – – t e –	
Friulian		k   u   -   -   z   i   -   -   -	k o n t a:	
Romanian		c oa s - e	it o ii   t   u	- n u m a r a
Ttomanian	ToSay	ToSay-Exponere	ToSing-AncestralClass	
Latin	d i: k e r e	e k s p o: n e r e	k a n t a: r e	1 u: d e r e
French	q i R -		$\int \tilde{a} - t e$	1 1 1 2 1 2 1 1 2
Spanish	d e θ i r -		kantar-	1   u   d   i   r   -
Italian	d i r e	-   -   s   p   o   r   -   r   e	k a n t a r e	1       -   -
PortugueseBrazil			k e - t a r -	
Portuguese	d i z - e r		k e - t a r -	
Catalan	d i		k ə n t a	
Walloon	q i: R -			
Friulian	d i:		c a n t a:	
Romanian	z i tf e	-   -   s   p   u   n   e   -   -	k i n t a	
Ttomaman	ToPlay-Jiocare	ToFloat	ToFloat-Fluitare	ToFlow
Latin	j o - k a: r e	f l u: k t u a: r e	f l u i t a: r e	f l u e r e
French	3 - w - e	f l y k t y e	1   1   4   1   1   4   1   6	f 1 y e
Spanish	x u - g a r -	flugtwar		f l u i r -
Italian	dy o - k a r e	f l u t t u a r e	f   1   u   i   t   a   r   e	f l u i r e
PortugueseBrazil	3 o - g a B -	f l u - t u a r -		f l w i в -
Portuguese	$\begin{bmatrix} 3 & u \\ 3 & u \end{bmatrix} - \begin{bmatrix} 9 & a & b \\ \gamma & a & f \end{bmatrix} - \begin{bmatrix} 1 & 1 & 1 \\ \gamma & a & f \end{bmatrix}$	f l u - t u a r -		f l w i r
Catalan	$\begin{vmatrix} 3 & u \\ 3 & u \end{vmatrix} - \begin{vmatrix} 9 & a & 1 \\ g & a & - \end{vmatrix} -$	f l u k t u a		f l u i
Walloon	dy u w - e	I   I   u   K   t   u   a   -   -		1 1 4 4 1
Friulian	dy u j - a:			
Romanian	3 u - k a	f   1   u   c   t   u   a   -   -		
- Comaman	ToFlow-Colare	ToFlow-Excurrere	ToFlow-Currere	ToFreeze
Latin	k o: 1 a: r e	e k s k u r r e r e		g e l a: r e
French	k u 1 e		ku-kiR-	3 a 1 e
Spanish	k o l a r -	e - s k u r i r	ko-rer-	- e 1 a r -
Italian	k o l a r e	s k o r r e r e		dy e l a r e
	k o - а в -	i - Д k о - к е к -	k о - к е к -	3 i l a r -
Portuguese	k u - a r -	$i - \int k u - R e r$	k u - в е г -	3 i l a r -
Catalan	k u ł a	$\begin{vmatrix} \mathbf{r} & \mathbf{r} & \mathbf{r} & \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} & \mathbf{r} & \mathbf{r} \end{vmatrix} = $	k o - r ə	3 ə 1 a
Walloon	k o 1 e		-     -   -	dy a 1 e
Friulian	-   -   -	-   -   s   k   o   -   r   i:   -   -	k o - r i	3    -   -   -
Romanian		skurdge-		
. Cilialian		3 K u 1 u5 C	K u I uj C	

	ToFreeze-Glaciare	ToFreeze-Inglaciare	ToSwell	ToSwell-Inflare
Latin	g 1 a - k i a: r e	i n g l a k i a: r e	a g m e n t a: r e	i n f l a: r e
			<u>u</u>	
French	g 1 a - s - e		o g m a - t e	$ \tilde{a}  -  f   1   e  -  -$
Spanish			a - m e n t a r -	i n tf-a r-
Italian	g j a t tf j a r e		u a m a m t a m a	e n f i a r e
Italiaii	g   j   a   i   g   j   a   i   e		a m e n t a r e -	e   II   I   I   I   e
PortugueseBrazil			agmentar-	$ \tilde{1}  -  \int  - \mathbf{a}  \mathbf{f} $
			ų	-    <b>J</b>    •• -
Portuguese			agmentar-	î   -   f   -   a   r   -
			<u>u</u>	
Catalan	g   1   ə   -   s   -   a   -   -		a u g m e n t a -	i m f 1 a
Walloon				e - f 1 e
Friulian	g   1   a   -   tf   -   a:   -   -			e n f 1 a:
Romanian	ToSwell-Conflare	i n g - e ts - a	To Curall Crossers	u m f l a
Latin	- k - o n f l a r e	ToSwell-Intumescere i n t u m e: s k e r		ToBurn-Brojan
French	$\begin{vmatrix} - & k & - & 0 & 11 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & $		k k w a - t - k -	b в у 1 е
Spanish		$ e n t u m e \theta e r - $		ББУТС
Italian	-   g   -   o   n   f   j   a   r   e		$k r - e \int \int e r e$	b r u tf a r e
PortugueseBrazil		ĩ - t u m e s - e r	k г - e s - e в -	
Portuguese		ĩ - t u m e s - e r	kr - i ser -	
Catalan			k r - e - 5 ə	
Walloon	-  g  -  õ  -  f  1  e  -   -			b в u: 1 e
Friulian	z   g   1   o   ŋ   f   -   a:   -   -			b r u z a:
Romanian			k r e f t e	
	ToBurn-Cremare	ToBurn-Flammare	ToBurn-Ardere	ToBurn-Flagrare
Latin	k r e m a: r e	f l a m m a: r e	a r d e: r e	f l a g r a: r e
French	•			t l o g v a
	k r a m e	$\left  \begin{array}{c c} f & l & \widetilde{\alpha} \end{array} \right  - \left  \begin{array}{c c} b & e \end{array} \right  - \left  \begin{array}{c c} - \end{array} \right $	a R q - R -	f 1 a g & e
Spanish	k - e m a r -	f 1 a - m e a r	a r d e r -	f l a g r a r -
Spanish Italian	k - e m a r - k r e m a r e		a r d e r - a r d e r e	f l a g r a r - f l a g r a r e
Spanish Italian PortugueseBrazil	k - e m a r - k r e m a r e k - ej m a r e	f 1 a - m e a r	a r d e r e a r d e r e	flagrare flagrare
Spanish Italian PortugueseBrazil Portuguese	k - e m a r e k r e m a r e k - ej m a r e k - ej m a в е	f l a - m e a r f j a m m a r e	a r d e r - a r d e r e	f l a g r a r - f l a g r a r e
Spanish Italian PortugueseBrazil Portuguese Catalan	k - e m a r - k r e m a r e k - ej m a r e	f 1 a - m e a r	a r d e r e a r d e r e	flagrare flagrare
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	k - e m a r e k r e m a r e k - ej m a r e k - ej m a в е	f l a - m e a r f j a m m a r e	a r d e r e a r d e r e	flagrare flagrare
Spanish Italian PortugueseBrazil Portuguese Catalan	k - e m a r e k r e m a r e k - ej m a r e k - ej m a в е	f   l   a   -   m   e   a   r   f   j   a   m   m   a   r   e	B L Q E L - a R Q E R - a R Q E R - a L Q E L E	flagrare flagrare
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	k - e m a r e k r e m a r e k - ej m a r e k - ej m a в е	f   l   a   -   m   e   a   r   f   j   a   m   m   a   r   e	a r d e r e a r d e r e	flagrare flagrare
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	k ге m a ге k ге m a ге k - ej m a ге k - ej m a ве k гә m a	f   1   a   - m   e   a   r       f   j   a   m   m   a   r   e	a r d e r - a r d e r - a r d e r -	f l a g r a r e f l a g r a r e f l a g r a r -
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	k - e m a r - k r e m a r e k - e m a r e k - e m a r e k - e m a r e k - e m a r e k r ə m a	f l a - m e a r f j a m m a r e  f l a m a  ToBurn- AncestralClass8	a r d e r - a r d e r - a r d e r -	f l a g r a r e f l a g r a r e f l a g r a r - f l a g s a s - f l a g s a r -
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French	k - e m a r - k r e m a r e k - e m a r e k - e m a r e k - e m a r e k - e m a r e k - e m a r e e k - e m a r e e k r ə m a	f l a - m e a r f j a m m a r e  f l a m a  ToBurn- AncestralClass8	a r d e r e a r d e r - a r d e r - B r d e r - All	f l a g r a r e f l a g r a r e f l a g r a r - f l a g r a r - f l a g r a r -
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish	k	f l a - m e a r f j a m m a r e  f l a m a  ToBurn-  AncestralClass8 u s t u l a: r e	a r d e r e a r d e r e a r d e r - B r d e r - All	f l a g r a r e f l a g r a r e f l a g r a r - f l a g r a r - f l a g r a r - t o - d o -
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	f l a - m e a r f j a m m a r e  f l a m a  ToBurn-  AncestralClass8 u s t u l a: r e	a r d e r e a r d e r - a r d e r - B r d e r - All	f l a g r a r e f l a g r a r e f l a g r a r - f l a g r a r - f l a g r a r - t o - t u s t u t o - d o - t u t t o -
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil	k	f l a - m e a r f j a m m a r e  f l a m a  ToBurn-  AncestralClass8 u s t u l a: r e	a r d e r e a r d e r e a r d e r - B r d e r - All	f l a g r a r e f l a g r a r e f l a g r a r - f l a g r a r - f l a g r a r - t o - t u s t u t o - d o - t u t t o - t o - d u -
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese	k - e m a r - k r e m a r e k - e m a r e k - e m a r e k - e m a r e k - e m a r e e k - e m a r e e k r e m a r e e k r e m a r e e r e e n θ e n d - e r e e n θ e n d - e r e i n t ε n d j a r e i - s e n d j a r e i - s e n d j a r e i - s e n d j a r e i - s e n d j a r e	f l a - m e a r f j a m m a r e  f l a m a  ToBurn-  AncestralClass8 u s t u l a: r e	a r d e r e a r d e r e a r d e r - B r d e r - All	f l a g r a r e f l a g r a r e f l a g r a r - f l a g r a r - f l a g r a r - t o - t u s t u t u t t o - t u t t o - t o - d u - t o - ð u -
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	k	f l a - m e a r f j a m m a r e  f l a m a  ToBurn-  AncestralClass8 u s t u l a: r e	a r d e r e a r d e r e a r d e r - B r d e r - All	f l a g r a r e f l a g r a r e f l a g r a r - f l a g r a r a r e f l a g r a r - f l a g r a r a r e f l a g r a r a r r e f l a g r a r a r r e f l a g r a r a r r r e f l a g r a r r r r r r r r r r r r r
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	k - e m a r - k r e m a r e k - e m a r e k - e m a r e k - e m a r e k - e m a r e e k - e m a r e e k r e m a r e e k r e m a r e e r e e n θ e n d - e r e e n θ e n d - e r e i n t ε n d j a r e i - s e n d j a r e i - s e n d j a r e i - s e n d j a r e i - s e n d j a r e	f l a - m e a r f j a m m a r e  f l a m a  ToBurn-  AncestralClass8 u s t u l a: r e	a r d e r e a r d e r e a r d e r - B r d e r - All	f l a g r a r e f l a g r a r e f l a g r a r - f l a g r a r - f l a g r a r - f l a g r a r - t o - d o - t u t t o - t o - d u - t o - d u - t o - t t o - t t o - t
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	k - e m a r - k r e m a r e k - e m a r e k - e m a r e k - e m a r e k - e m a r e e k - e m a r e e k r e m a r e e k r e m a r e e r e e n θ e n d - e r e e n θ e n d - e r e i n t ε n d j a r e i - s e n d j a r e i - s e n d j a r e i - s e n d j a r e i - s e n d j a r e	f   1   a   - m   e   a   r         f   j   a   m   m   a   r   e         ToBurn-AncestralClass8         u   s   t   u   1   a   r   e         u   s   t   o   1   a   r   e	a r d e r e a r d e r e a r d e r - B r d e r - All	f l a g r a r e f l a g r a r e f l a g r a r - f l a g r a r r e f l a g r a r r e f l a g r a r r e f l a g r a r r e f l a g r a r r e f l a g r a r r e f l a g r a r r e f l a g r a r r e f l a g r a r r e f l a g r a r r e f l a g r a r r e f l a g r a r r r e f l a g r a r r r e f l a g r a r r r e f l a g r a r r r e f l a g r a r r r e f l a g r a r r r e f l a g r a r r r e f l a g r a r r r e f l a g r a r r r e f l a g r a r r r e f l a g r a r r r e f l a g r a r r r r e f l a g r a r r r r e f l a g r a r r r r r r r r r r r r r r r r

	Many	Many-Tantus	Some	Few
Latin	$\mathbf{m} \mathbf{u} 1 \mathbf{t} \mathbf{u} \mathbf{s}$	t a n t u s		p a k u s
				ŭ
French	m u		o - k œ	p ø
Spanish	m u - tf o -	t a n t o -	a l g u n o	poko-
Italian	m o 1 t o -	t a n t o -	a l k u n o	p o k o -
PortugueseBrazil		t e - t u -	a w g ũ	p o w k u
Portuguese	$\mathbf{m} \begin{bmatrix} \mathbf{\tilde{u}} & \mathbf{\tilde{j}} \end{bmatrix} - \mathbf{t} \mathbf{u}$	$\left \begin{array}{c c}t&\widetilde{\mathfrak{E}}&-&t&u&-\end{array}\right $	$\begin{bmatrix} a & 1 & g & \tilde{u} \end{bmatrix} - \begin{bmatrix} - & - & - & - \end{bmatrix}$	p o w k u
Catalan	m o 1	t   a   n   t   -   -	ə   1   g   u   -   -	p 3 k
Walloon	1			p o
Friulian Romanian	m o 1 c	t   a   n   c   -   -		p   o:   k   -   -
Romanian	m u l t	Other Alive	Dia	Dia Crandom
Latin	Other a l t e r -	Other-Alius	Big	Big-Grandem
French		a  1  i  u  s	m a g n u s	g r a n d e m
Spanish			ma-no-	д к а
Italian	o - t - r o a l t - r o		m a p p o -	g r a n d e - g r a n d e -
PortugueseBrazil		a w	111   a   J1   J1   O   -	grånde- grå-dgi-
Portuguese	o w t - r u	a   w   -   -   -   -   -   -   -   -   -		$g \circ \tilde{e} - d \circ i -$
Catalan	a l t - r ə	u 1   1   1		g r a n
Walloon	$\tilde{o} - t$			g r g
Friulian	a 1 t - r i			g r a n t
Romanian	a 1 t			6   1   1   1
	Big-Majjorem	Long-Longum	Long-Largum	Wide
Latin	m aj j o: r e m	1 o - n g u s	l a r g u s	l a: t u s
French		1   5   -   -   -   -	1 а в 3	1   e   -   -   -
Spanish		1 o - n g o -	1 a r γ o -	1 a t o -
Italian		1 u - n g o -	1 a r g o -	1 a t o -
PortugueseBrazil		1 o - g u	1 a k g u -	l a t u -
Portuguese		$\left  \begin{array}{c c} 1 & \tilde{o} & - & g & u & - & - \end{array} \right $	largu-	1 a t u -
Catalan		Λ o - ŋ	<b>Λ</b>   <b>a</b>   <b>r</b>   <b>k</b>   -   -	
Walloon		1 0		
Friulian Romanian	m a r e	1 u n k	1 a r k	1 a t
Nomanian	Wide-Amplum	1 u n g Thick	l a r g Thick-Spissum	Thick-Gurdum
Latin	a m p 1 u s	k r a s s u s	- s p i s s u s	g u r d u s
French	$ \tilde{a}  -  p   1  -  -$		e - p e	5 4 1 4 4 5
Spanish	a n f - o -	$\begin{bmatrix} \mathbf{d} & \mathbf{c} & \mathbf{a} & - & \mathbf{c} & \mathbf{o} & - \\ \mathbf{d} & \mathbf{R} & \mathbf{d} & - & - & - & - \end{bmatrix}$	e s p e s o	gordo-
Italian	ampjo-	g r a s s o -	- s p e s s o -	3   2   2   2   2
PortugueseBrazil		J 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	
Portuguese	$ \tilde{\mathfrak{e}}  -  \int_{\mathfrak{q}}  u  -  u $	$ g  r  a  -  \int  u  -$	$i \int p e - s u -$	
Catalan	a m p l ə -	g r a - s	$\begin{vmatrix} \mathbf{s} & \mathbf{r} \\ \mathbf{s} & \mathbf{p} \end{vmatrix} \mathbf{\varepsilon} - \mathbf{s} - \mathbf{s}$	
Walloon			- s p ε	
Friulian		g r a s		
Romanian		g r a s		

	Thick-Grossum	Heavy	Heavy-Lurdus	Small
Latin	g r o - s s u s	g r a w i s	1 u r d u s	p i t t i t u s
French	g R O	g κ i j ε f	1 u r	p ə - t i
Spanish		g r a b e -	1 e r d o -	
İtalian	g r o - s s o -	g r ε v e -	1 o r d o -	
PortugueseBrazil		g r a v i -	1 e r d o -	
Portuguese	g r o - s u	g r a v i -	1 e r d o -	
Catalan	g r o - s	g r e w		p   ə   t   i   t   -   -   -
Walloon	3	g r a v		p   ə   t   i   t   -   -   -   -
Friulian	$g   r   w   \varepsilon   s   -   -  $	$\begin{vmatrix} g & r & \epsilon & - & - & v & i \end{vmatrix}$		
Romanian	g r o - s	g r e w		
	Small-Pittinus	Small-Pitulus	Short	Short-Brevis
Latin	p i t t i n u s	p i - t u 1 u s	k u r t u s	b r e w i s
French			k u в	b κ ε f
Spanish	p e - k e n o -		korto-	b r e b e -
Italian	p i t t i n o -	p i k k o l o -	k o r t o -	b r ε v e -
PortugueseBrazil		1 1 1 1 1 1 1 1	k u r t u -	b r ε v i -
Portuguese	p i - k e n u -		kurtu-	b r ε v i -
Catalan	IF		k u r t	b r e w
Walloon			k u:	b в е f
Friulian		p   i   -   tf   u   1   -   -	k u r t	
Romanian	p   u   -   ts   i   n   -   -	P   2       9     4   2		
	Narrow	Narrow-Strictus	Thin	Thin-Delicatus
Latin	a n g u s t u s	- s t r - i - k t u	sm i n u: - t u s	d e: 1 i k a: t u s
French		e - t & w a	-m ə n y	d u: 3 e:
Spanish	a n g o s t o -	e s t r - e tf o		d e 1 - y a ð o -
Italian	angusto-	- s t r - e - t t o		delikato-
PortugueseBrazil		i s t r - ej t u		d e w - g a d u -
Portuguese		J   J   J   J   J   J   J   J   J   J		
		i f t r - ei t u		
Catalan		i ∫ t r - ej t u  s s t r - ε t -	-m i - u - ð u -	$ \mathbf{d}  \mathbf{\epsilon}  1  -  \mathbf{y}  \mathbf{a}  \mathbf{\delta}  \mathbf{u}  $
Catalan		ə s t r - ε - t -	-m i - u - ð u - m ə n u - t	
		- s t π - ω:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ d \epsilon 1$ - $ y a \delta u $ -
Catalan Walloon Friulian	$ \mathbf{i}  \eta  \mathbf{g}  \mathbf{u}  \mathbf{s}  \mathbf{t}  $	a       s       t       r       -       ε       -       -       t       -         -       s       t       r       -       ε       -	m i - u - ð u - m ə n u - t m i n u m i n u: - t -	$ d \epsilon 1$ - $ y a \delta u $ -
Catalan Walloon	i   ŋ   g   u   s   t   -   - Thin-Subtilis	- s t π - ω:	m i - u - ð u - m ə n u - t m i n u m i n u: - t -	$ d \epsilon 1$ - $ y a \delta u $ -
Catalan Walloon Friulian		$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	m i - u - ð u - m ə n u - t m i n u - t m i n u - t m i n u - t	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan Walloon Friulian Romanian	Thin-Subtilis	θ       s       t       r       -       ε       -       -       t       -         -       s       t       r       -       ε       -	m i - u - ð u - m ə n u - t - m i n u m i n u - t - m ə r u n t - Cold f r i: g i d u m	d ε ł - γ a ð u - d ə l i k a t
Catalan Walloon Friulian Romanian	Thin-Subtilis   s   u   b   t   i:   1   e   m     s   u   -   t   i   1   -   -	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	m i - u - ð u - m ə n u - t m i n u - t m i n u - t m i n u - t Cold f r i: g i d u m f в w a	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan Walloon Friulian Romanian  Latin French	Thin-Subtilis   s   u   b   t   i:   1   e   m     s   u   -   t   i   1   -   -	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	m i - u - ð u - m ə n u - t m i n u - t m i n u - t m i n u - t Cold f r i: g i d u m f ʁ w a f r i o	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan Walloon Friulian Romanian  Latin French Spanish	Thin-Subtilis $ s u b t i: l e m$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	m i - u - ð u - m ə n u - t m i n u - t m i n u - t m i n u - t Cold f r i: g i d u m f в w a	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan Walloon Friulian Romanian  Latin French Spanish Italian	Thin-Subtilis    s   u   b   t   i:   1   e   m	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	m i - u - ð u - m ə n u - t m i n u - t m i n u: - t m ə r u n t  Cold f r i: g i d u m f ʁ w a f r e d: o	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	m i - u - ð u - m ə n u - t m i n u - t m i n u: - t m ə r u n t  Cold f r i: g i d u m f ʁ w a f r i o f r e d: o f r i u	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	m i - u - ð u - m ə n u - t m i n u - t m i n u - t m i n u - t m ə r u n t  Cold f r i: g i d u m f s w a f r i o f r i u f r i u f r i t u	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	m i - u - ð u - m ə n u - t m i n u - t m i n u: - t m ə r u n t  Cold  f r i: g i d u m f в w a f r e d: o f r i u f r i u	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$

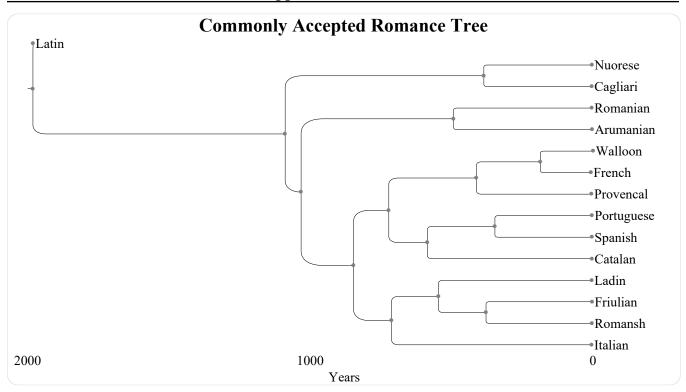
	New	Old	Good	Bad
Latin	n - o w u s	w e t u m	b - o n u s	m a l u s
French	n - u v o -	v j ø	$\begin{vmatrix} \mathbf{a} \\ \mathbf{b} \end{vmatrix} - \begin{vmatrix} \mathbf{\tilde{o}} \\ \mathbf{\tilde{o}} \end{vmatrix} - \begin{vmatrix} -\mathbf{\tilde{c}} \\ - \end{vmatrix} - \begin{vmatrix} -\mathbf{\tilde{c}} \\ - \end{vmatrix} - \end{vmatrix}$	m a 1
Spanish	$n \le \beta \circ -$	b j e x o	b w e n o -	m a l o -
Italian		v ε k: j o	b w o n o -	m a 1 o -
PortugueseBrazil		v e h u -	b - 0	m a w
Portuguese	n - o v u -	v e k u -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	m a w
Catalan	n - o w u	$\begin{vmatrix} \mathbf{v} & \mathbf{c} & \mathbf{A} & \mathbf{u} \\ \mathbf{b} & \mathbf{\epsilon} & \mathbf{A} & - \end{vmatrix}$	b - 3 n	m a l
Walloon	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	v i:	$\begin{vmatrix} \mathbf{b} & - & 3 & \mathbf{H} & - & - \\ \mathbf{b} & - & \mathbf{\tilde{o}} & - & - & - \end{vmatrix}$	m 3:
Friulian		v j e r i	b - 3 n	m a: 1
Romanian	n - u: f n - o w	v e k ç -	b - u n	III   a.   1   -   -
Nomanian	Rotten	Dirty	Straight	Round
Latin	p u t r i d u m	s o r d i d u s	d i: r - e: k t u s	r o t u n d u s
French	•			
	p u r i	s a 1	d -   <b>B</b>   <b>W</b>   <b>a</b>   -   -   -	R Q
Spanish	poðriðo-	s u θ j o	1       :   .   .	redondo-
Italian	m a r tf o	s p o r k o	d   -   r   -   i   t   t   o   -	r i t o n d o -
PortugueseBrazil		s u 3 u		в e d õ - d u -
Portuguese	podri	s u 3 u	11	к <u>i</u> q о - q п -
Catalan	p u ð r i t	b r u t	d - r - ε - t	r   ə   d   o   -   -   -
Walloon	b n: r i	m o: s i:	d - r - ø:	r õ
Friulian	f r aj t	s p o r k	d - r - ε - t	t a r o n t
Romanian	putred-	murdar	d - r - e p t	r ə t u n d
1 (*	SharpAsAKnife	DullAsAKnife	Smooth	Wet
Latin	a k u: t u m	h e b e s	s u a: w ẽ	u: m i d u m -
French	$\left  \mathbf{f} \right  \mathbf{R} \left  \mathbf{\tilde{q}} \right  \mathbf{\tilde{q}} \left  - \right  - \left  - \right $	e m u s e	1 i s	m u j e
Spanish	a y u ð o	s i n f i 1 o -	1 i s o -	m o x a ð o -
Italian	a f f i l a: t o	z m u s s a: t o	$\begin{vmatrix} 1 & i & \int \int \mathbf{o} \end{vmatrix}$	b a n n a: t o
PortugueseBrazil		s e g u	1 i z u -	u m i d u
Portuguese	e f i a d u	$s \mid e \mid y \mid u \mid - \mid - \mid - \mid - \mid$	1   i   z   u   -	u m i ð u
Catalan	ə f i l a t		$ \Lambda  i  s  -  -$	m u s a t
Walloon	k   u   a   h   ã   -   -   -		1   i   s   -   -	m u j i:
Friulian	u   tf   a:   t   -   -   -   -		s 1 i s -	b a n a: t
Romanian	a s k u t s i t		n e t e d	u d
	Dry	Correct	Near	Far
Latin	s i k k u s	k o r r e: k t u m	p r o p i ŋ k <sup>w</sup> u m	ł o ŋ g u m -
French	$s \mid \epsilon \mid - \mid k \mid - \mid - \mid$		b R 6	1 w e
Spanish	s e - k o -		$\theta \mid e \mid r \mid k \mid a \mid - \mid - \mid - \mid - \mid$	1 e x o s
Italian	s e k k o -	k o r r e t t o -	v i t i: n o	1 o n t a n o
PortugueseBrazil			p e r t u	1   õ   ʒ   i   -   -   -
Portuguese	s e - k u -		p e r t u	1   õ   ʒ   i   -   -   -
Catalan	$ \mathbf{s}   \mathbf{\epsilon}   \mathbf{k}  -  - - $		q c 1 q e	Λ u n
Walloon	$ s \epsilon t$		$p \mid r \mid \epsilon \mid - \mid - \mid - \mid - \mid - \mid - \mid$	1   õ   -   -   -   -
Friulian	$ s  \epsilon -  k  -  -$		$d \mid \mathfrak{o} \mid \mathfrak{g} \mid \mathfrak{t} \mid \epsilon \mid - \mid - \mid - \mid - \mid$	l o n t a ŋ -
Romanian	s e k		a p r oa p e	departe

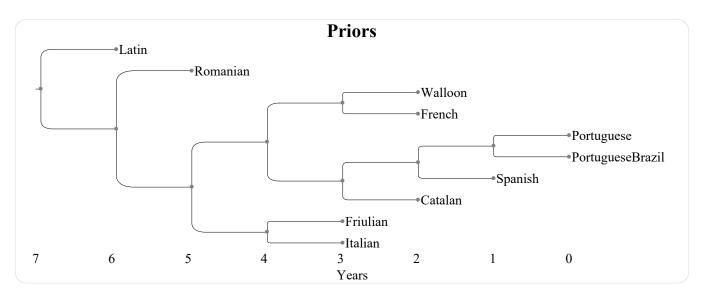
	Right-Dextrem	Right-Directus	Left	Red
Latin	d - e k s t r u m	d i: r - e: k t u s	ł a ę w u m	r u s s u s
French		d   -   r   w   a   -   t   -   -	g   o   ʃ   -   -   -   -   -	в u
Spanish	d j e - s t r o -	d e r - e - tf o -	i θ k j e r ð a	r o - x o -
Italian	d - ε - s t r o -	d ε s t r a	s i n i s t r o	rosso-
PortugueseBrazil	d - ε - s t r u -	d i r - ej - t e -	i skerðe-	R O -     \O   -
Portuguese	$d - \epsilon - \int t \cdot u -$	d i r - ej - t e -	i s k e r ð e -	в o -   J   u   -
Catalan	d - e - s t r ə -	d r ε t	$   \mathbf{s}   \mathbf{k}   \mathbf{\epsilon}   \mathbf{r}   \mathbf{a}   -   -   $	r o - s
Walloon		d r ø: t	g o:     -   -   -   -	
Friulian		$d r \epsilon t$	tf a n p	r   o   -   s   -   -
			w	
Romanian		d   r   e   p   t   -   -   -   -	s t i ŋ g	r o - 5 u -
	Red-Vermiculus	Red-Rubeus	Green	Yellow
Latin	v e r m i k u l u s		w i r i d e m	g a l b i n u s
French	v ε κ m εj	в u - 3	v e в	3 0   -   n   -   -
Spanish	b e r m e x o	r u - b j o -	b e r - d e -	
Italian	$v \mid e \mid r \mid m \mid i \mid \Lambda \mid - \mid \Lambda \mid o \mid -$	r o b b j o -	v e r - d e -	
	v e r m e V u -	r u - b e o -	ver di	
Portuguese	v i r m ej k u -	r u - b e o -	$v \mid e \mid r \mid - \mid d \mid i \mid -$	
Catalan	$ b   a  r  m   \epsilon  -  A  -  a $	r u - t e	$v \mid \epsilon \mid r \mid - \mid t \mid - \mid - \mid$	
Walloon		r   o   -   tf   -   -	Λ ε R	dg   ε   -   -   n   -   -
Friulian			v ε r - t	
Romanian		r   oj   -   b   -   -   -	v e r - d e -	g a 1 b e n
	Yellow-Amarellus	Yellow-Croceus	White	Black
Latin	a m a r e 1 1 u s	k r o k e u s	$a \mid 1 \mid b \mid u \mid s$	n - i g r u m
French				n w a - в
Spanish	a m a f i - j o -		a 1 b o -	n e y r o
Italian		k r o tf e o -	a 1 b o -	n e g r o
	e m a r ε - 1 u -		a w v u -	n e g r u
Portuguese	$ \mathbf{r}  \mathbf{m}  \mathbf{e}  \mathbf{r}  \mathbf{\epsilon}  -  1  \mathbf{u}  \mathbf{r} $		a l v u -	n e g r u
Catalan		g r o k	a   1   b   -   -	η ε γ ι θ
Walloon				u ø: - r
Friulian			111	n e - r i
Romanian	Diada Duatti	0	a 1 b	n e g r u
Lotin	Black-Pretto	One	Two-Duos	Two-Duae
Latin		u: n u m	d u o: s	d u - aj
French	. : .  <b>.</b>	$ \tilde{\mathbf{e}}  -   -  $	d - Ø -	
	$p \mid r \mid j \mid e \mid t \mid o$	u n o -	$ \mathbf{d}  -  \mathbf{o}  \mathbf{s}$	41,, 1
Italian		u n o -	الما الما	d   u   -   e
PortugueseBrazil			d - oj s	
Portuguese	$ \mathbf{p} \mathbf{r}  -  \mathbf{e} \mathbf{t} \mathbf{u}$		d - oj ſ	
Catalan		u n	d - o s	
Walloon		õ – – –	d - ø: -	
Friulian		u ŋ	d - oj -	1   -    -
Romanian		u n u -	d   -   oj   -	d o w ə

	Two-Duas	Three	Four	Five
Latin	d u a s	t r - e: s	kw - a t t w o r -	k <sup>w</sup> i: n k <sup>w</sup> - e
French		t R M a -	k - a - t в -	$\begin{bmatrix} s & \tilde{e} & -k & - \end{bmatrix}$
Spanish		t r - e s	k w a - t - r o	$\theta$ i n k - o
Italian		t r e e -	k w a t t r o	tf i n k w e
PortugueseBrazil	dupe	t r e s	k w a - t r u	s î - k - u
Portuguese	d u e s	$\begin{vmatrix} t & r \\ t & r \end{vmatrix} - \begin{vmatrix} e & s \\ e & s \end{vmatrix}$	k w a - t r u	$\begin{bmatrix} s & i & k & u \\ s & i & k & u \end{bmatrix}$
Catalan	լա լա լե լյ	$\begin{vmatrix} t & r \\ t & r \end{vmatrix} - \begin{vmatrix} \epsilon & s \\ \epsilon & s \end{vmatrix}$	k w a - t r ə	s i n k
Walloon		t r - ø: -	k w a - t	s e - k
Friulian		t r - e: -	k w a - t r i	tf i n k
Romanian		t r - ej -	p - a - t r u	tf i n tf
Tomanian	Here	There	There-Ibi	There-Adlbi
Latin	- e k k u m h i: k	i l l a: k	i b i:	THOIC-AGIDI
French	i s i -	-   -   1   a   -	1   0   1.	
Spanish	$\begin{vmatrix} \mathbf{i} \\ - \end{vmatrix} \mathbf{a} \begin{vmatrix} - \\ \mathbf{k} \end{vmatrix} - \begin{vmatrix} - \\ - \end{vmatrix} - \begin{vmatrix} \mathbf{i} \\ \mathbf{i} \end{vmatrix} - \begin{vmatrix} - \\ - \end{vmatrix}$	$\begin{vmatrix} \mathbf{a} & \mathbf{j} & \mathbf{a} \\ \mathbf{j} & \mathbf{a} \end{vmatrix}$		a i
Italian	k w i -	$\begin{vmatrix} a \\ - \end{vmatrix} - \begin{vmatrix} a \\ 1 \end{vmatrix} \begin{vmatrix} a \\ a \end{vmatrix} -$	-  v   i	a   1
PortugueseBrazil	- a - k i -	-   -   1   a   -   -   1   a   -	V   I	a i
Portuguese	- k i -	$\begin{vmatrix} - & 1 & a \\ 1 & a \end{vmatrix}$		e i
Catalan	- a - k i -	$\begin{vmatrix} \mathbf{a} \\ \mathbf{a} \end{vmatrix} - \begin{vmatrix} \mathbf{a} \\ \mathbf{A} \end{vmatrix} = \begin{vmatrix} \mathbf{a} \\ \mathbf{a} \end{vmatrix}$		6 1
Walloon	α   Κ       1	$\begin{vmatrix} a & a \\ - & 1 & a \end{vmatrix}$		
Friulian	-   a   -   k   -   -   i   -	1   α		
Romanian	u     K         I	-   -   1   a   -		
	Who-Qui	Who-Quem	What	Where-Ubi
Latin	k <sup>w</sup> - i s	k <sup>w</sup> - e m -	k <sup>w</sup> - i d	- u b i
French	k - i -		k w a -	- u
Spanish		k   j   e   n   -	k - e -	
İtalian	k - i -		k - e -	- o v e
PortugueseBrazil		k -   ej   -   -	k - i -	
Portuguese		k   -   ẽj   -   -   k   -   ẽj   -   -	k - i -	-   u   -   -
Catalan	k - i -		k - ε -	
Walloon	k - i: -		k w ε: -	
Friulian	k w i -		tf - e -	
Romanian		tf - i n e	tf   -   e   -	j  u  -   o
	Where-Unde	Where-DeUnde	When-Quando	How-Quomodo
Latin	u n d e	d e u n d e	$k^{w}$ - $a \mid n \mid d \mid o$ :	k <sup>w</sup> o: m o d o
French		$ \mathbf{d}  -  \mathbf{\tilde{o}}  -  - - $	$ \mathbf{k} $ - $ \tilde{\mathbf{a}} $ - $ $ - $ $ -	k o m a
Spanish	o n d e	d   -   o   n   d   e	k w a n d o	k o m o
Italian	o n d e		k w a n d o	k o m e
PortugueseBrazil	Ü		$ \mathbf{k}  \mathbf{w}   \tilde{\mathbf{e}}   -  \mathbf{d}  \mathbf{u}$	k o m u
Portuguese	$ \tilde{o}  -  d  i$		$ \mathbf{k}  \mathbf{w}   \tilde{\mathbf{e}}   -  \mathbf{d}  \mathbf{u}$	k o m u
Catalan	o   n   -   -		k w a n	k o m
Walloon			k w a n d -	k σ m ε̃
Friulian Romanian	u n d e		k w a n t - k - i n d -	tf   e   m   u:   t   -

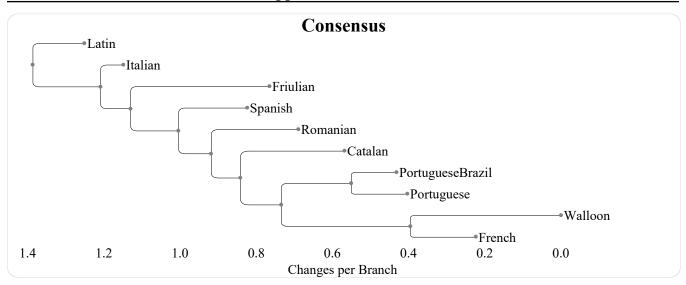
	Not	Not-Nec	At	In-In
Latin	n o: n	n e k	a d	i n
French	$ \mathbf{n}  \tilde{\mathfrak{o}}  $ -	n i -	a -	
Spanish	n o -	n i -	a -	e n
Italian	n o n	n e -	a -	i n
PortugueseBrazil		$ \mathbf{n}  \tilde{\mathbf{e}} \tilde{\mathbf{j}} $ –	a -	ẽj  -
Portuguese	$\left  egin{array}{c} \widetilde{\mathbf{w}} \\ \mathbf{n} \ \widetilde{\mathbf{e}} \end{array} \right _{-}$	$ \mathbf{n} \mathbf{\widetilde{e}\widetilde{j}} $ -	<b>g</b> -	$\left \widetilde{\mathbf{e}}\widetilde{\mathbf{j}}\right $ -
Catalan	$\begin{vmatrix} \tilde{w} \\ n \end{vmatrix} = 0$	n i -	a -	ən
Walloon	$\begin{vmatrix} \mathbf{n} & \mathbf{o} \end{vmatrix} = \begin{vmatrix} \mathbf{n} & \mathbf{o} \end{vmatrix} = \begin{vmatrix} \mathbf{o} & \mathbf{o} \end{vmatrix}$	n e -	<b>a</b>   =	9 11
Friulian	n o -	11   C   -		
Romanian	n u -			i n
Itomanian	In-Deintus	With-Cum	With-Abhoc	And-Et
Latin	d e i n t u s	k u m	a b h o c	e t
French	$\begin{vmatrix} \mathbf{d} & \mathbf{c} & \mathbf{r} & \mathbf{n} & \mathbf{c} & \mathbf{d} & \mathbf{s} \\ \mathbf{d} & \mathbf{c} & - & - & - & - \end{vmatrix}$	K G III	a v - e k	
Spanish	u u   u	k o n	u V  C K	e
Italian		k o n		
PortugueseBrazil		k ő -		e
Portuguese		k ő -		i -
Catalan	d   i   -   n   -   -   s			i -
Walloon	1 7 1 1 1 1 1 7		a   v   -   u   -	ε -
Friulian				e -
Romanian		ku -		e -
	And-Si	If	Because-Quod	
Latin	s i: k	s i:	k <sup>w</sup> o d	
French	s i -	s i	k ə -	
Spanish	s i -	s i	k e -	
Italian	s i -	s e	k e -	
PortugueseBrazil	s î -	s i	k i -	
Portuguese	s î -	s i	k i -	
Catalan	s i -	s i	k ə -	
Walloon	s i -	s i	k i: -	
Friulian	s i -	s e	k e -	
Romanian	∫   i   -	s ə	k ə -	

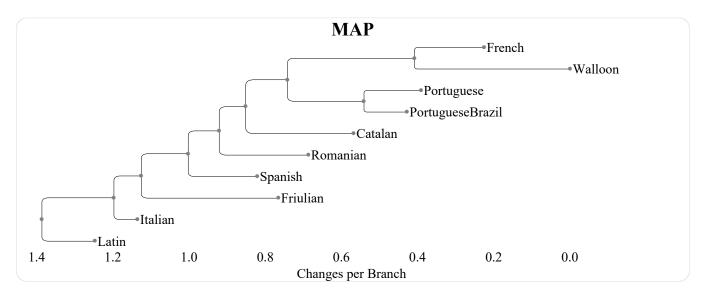
#### Appendix 4 - Results





#### Appendix 4 - Results





### Appendix 4 - Results

