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

#### **Appendices**

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

#### Appendix 1 - Character Assignments

Each segment gets a different number

#### Appendix 2 - Partition Assignments

# Model: "Linguistically Informed"

#### 1 Nasal Vowel

ej õ a î e ej õ e ew e o: e: eu u œ a

#### 2 Vowe

e o: ə o i ɔ ɪ u oj i: ɨ a ɐ u: y e: œ ε oa a: aj ε: ej ɐj ɨj ɨw ø: au ø ea α ɔ: εj o(w) α: u e ʊ

#### 3 Nasal Consonant

 $n m n n n^w n j$ 

#### 4 Non Sylabic Sonorant

w j l r

#### 5 Consonant

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

	l	We	YouPlural	They
Latin	- e g o:	n or - s -	w or - s	e i:
French	3 ə	n u	v u	
Spanish	j o	n o - s -	b o - s	e A o s
Italian	i o	n o: i	v or i -	1 o: r o
PortugueseBrazil	-   e   -   w	n o j - s	v o j s	e l i s
Portuguese	-   e   -   w	n o -   f   -	$ \mathbf{v}   \mathbf{o}  -  \mathbf{f} $	e l i ∫
Catalan	3 5		b u - s	
Walloon	ď3 I	n o	v o - s	
Friulian	$\begin{vmatrix} \mathbf{j} \\ \mathbf{j} \end{vmatrix} - \begin{vmatrix} \mathbf{j} \\ \mathbf{o} \end{vmatrix}$	n o:	v o:	
Romanian	j e - w	n   oj   -   -	v oj	
	This	That	YouSingular	YouSingular-
				VostramMercedem
Latin	h i k	i 1 1 e	t u:	
French	s ə s i	s   ə   1   a   -   -	t y	
Spanish	e s t e	e s e	t u	-  u   s   t   e   d
Italian	k w e s t o	k w e 1 1 o	t u	
PortugueseBrazil	i s u	a k i l u -	t u	v o s - e -
Portuguese	$i \int  t  u - $	e k i l u -	t u	v   o   s   -   e   -
Catalan			t u	v o s t e -
Walloon			t y	
Friulian			tu	
Romanian			t u	
Nomaniali				
	He	Woman	Woman-Mulier	Woman-Domina
Latin	He   i   s   -	f e: - m i - n - a		d o m i n a
Latin French	i   s   -	f e: - m i - n - a f a - m	Woman-Mulier	d o m i n a d a m
Latin French Spanish	i   s   -   e   1   -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Woman-Mulier m   u   1   i   e   r   e   m	d o m i n a d a m d o n a
Latin French Spanish Italian	i   s   -   e   l   -   l   u:   i	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Woman-Mulier m u 1 i e r e m  m u x - e r m o ʎ ʎ e	d o m i n a d a m d o n a d o n - n a
Latin French Spanish Italian PortugueseBrazil	i   s   -   e   l   -   l   u: i   e   l   i	f e: - m i - n - a f a - m e - m - b r - a f e m m i - n - a f e - m e e	Woman-Mulier         m u 1 i e r e m         m o λ λ e m u λ - e в	d o m i n a d a m d o n a d o n e
Latin French Spanish Italian PortugueseBrazil Portuguese	i   s   -   e   l   -   l   u:   i	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Woman-Mulier         m u l i e r e m         m o k k e m u k - e r - e r - e	d o m i n a d a m d o n a d o n e d o n e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	i   s   -   e   l   -   l   u: i   e   l   i	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Woman-Mulier         m u 1 i e r e m         m o λ λ e m u λ - e в	d o m i n a d a m d o n a d o n e d o n e d o n e d o n e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	i   s   -   e   l   -   l   u: i   e   l   i	f e: - m i - n - a f a - m e - m - b r - a f e m m i - n - a f e - m e e f e - m j e f e - m - b r - a f œ - m	Woman-Mulier m u 1 i e r e m  m u x - e r m o x x e r m u x - e r m u x - e r m u x - e r m u x - e r	d o m i n a d a m d o n a d o n e d o n e d o n e d o n e d o n e d o n e d o n e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	i   s   -   e   l   -   l   u: i   e   l   i	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Woman-Mulier m u 1 i e r e m  m u x - e r m u 6 6 6 m u 6 - e 8 - m u 6 - e m u 6 - e m u 6 - e m u 6 - e m u 7 - e m u 7 - e	d o m i n a d a m d o n a d o n e d o n e d o n e d o n e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	i   s   -   e   l   -   l u: i   e   l i   e   l i	f e: - m i - n - a f a - m e - m - b r - a f e m m i - n - a f e - m e e f e - m - b r - a f e - m - b r - a f œ - m f æ - m i - n - æ f e - m e j e	Woman-Mulier  m u 1 i e r e m  m u x - e r  m u \( \lambda \) - e \( \lambda \) - e \( \lambda \) - \( \lambda \)  m u \( \lambda \) - e \( \lambda \) - \( \lambda \)  m u \( \lambda \) - e \( \lambda \) - \( \lambda \)  m u \( \lambda \) - e \( \lambda \) - \( \lambda \)  m u \( \lambda \) - e \( \lambda \) - \( \lambda \)  m u \( \lambda \) - e \( \lambda \) - \( \lambda \)  m u \( \lambda \) - e \( \lambda \) - \( \lambda \)  m u \( \lambda \) - e \( \lambda \) - \( \lambda \)  m u \( \lambda \) - e \( \lambda \) - \( \lambda \)	d o m i n a d a m d o n a d o n e d o n e d o n e d o n e d o n e d o n e
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Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	i   s   -     e   1   -     1   u: i     e   1   i       e   1   i	f e: - m i - n - a f a - m e - m - b r - a f e m m i - n - a f e - m e e f e - m j e f e - m - b r - a f e - m - b r - a f e - m - b r - e f e - m - b r - a f e - m e f e - m - b r - a f e - m e f e - m e f e - m e j e  ManHumanBeing- Homo h - o m o:	Woman-Mulier m u 1 i e r e m  m u x - e r m o x x e m u x - e r m u x - e r - m u x - e r - m u x - e r - m u x - e r - m u x - e r - m u x - e r - Child	d o m i n a d a m d o n a d o n e d o n e d o n e d o n e d o n e d o n e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French	i   s   -     e   l   -	f e: - m i - n - a f a - m e - m - b r - a f e m m i - n - a f e - m e υ f e - m j υ f e - m - b r - a f œ - m υ f ε - m i - n - ε f e - m e j e  ManHumanBeing- Homo	Woman-Mulier m u 1 i e r e m  m u x - e r m o x x e m u x - e r - m u x - e r - m u x - e r - m u x - e r - m u x - e r - m u x - e r - This is a n t e m a - f a n t e m	d o m i n a d a m d o n a d o n e d o n e d o n e d o n e d o n e d o n e Child-Ninnus
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish	i   s   -     e   1   -     1   u: i     e   1   i       e   1   i	f e: - m i - n - a f a - m e - m - b r - a f e m m i - n - a f e - m e e f e - m j e f e - m - b r - a f œ - m f æ - m i - n - æ f e - m i - n - æ f e - m or f æ - m i - n - æ f e - m or f æ - m i - n - æ f e - m or f a - m i - n - æ f e - m or j e  ManHumanBeing- Homo h - o m or	Woman-Mulier         m u 1 i e r e m         m u λ - e r         m u λ - e r         m u λ - e r         m u λ - e r         m u λ - e r         m u - i: r         m u - j e r e -         Child             i n f a n t e m         i n f a n t e -	d o m i n a d a m d o p a d o n - n a d o n e d o n e d o n e d o n e d o - n e Child-Ninnus
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian	i   s   -     e   l   -	f e: - m i - n - a f a - m e - m - b r - a f e m m i - n - a f e - m e e f e - m j e f e - m - b r - a f e - m - b r - a f e - m - b r - e f e - m - b r - a f e - m e f e - m - b r - a f e - m e f e - m e f e - m e j e  ManHumanBeing- Homo h - o m o:	Woman-Mulier         m u 1 i e r e m         m u λ - e r m u λ - e r m u λ - e r m u λ - e r Child         i n f a n t e m α - f α n t e f a n t e f a n t e m	d o m i n a d a m d o p a d o n - n a d o n e d o n e d o n e d o n e d o n e d o - n e Child-Ninnus
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil	i   s   -     e   l   -	f e: - m i - n - a f a - m e - m - b r - a f e m m i - n - a f e - m e e f e - m j e f e - m - b r - a f œ - m f æ - m i - n - æ f e - m i - n - æ f e - m or f æ - m i - n - æ f e - m or f æ - m i - n - æ f e - m or f a - m i - n - æ f e - m or j e  ManHumanBeing- Homo h - o m or	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	d o m i n a d a m d o p a d o n - n a d o n v d o n v d o n v d o n v d o n e d o n e d o - n e d o - n e d o - n e d o - n e d o - n e d o - n e d o - n e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese	i   s   -	f e: - m i - n - a f a - m e - m - b r - a f e m m i - n - a f e - m e e f e - m j e f e - m - b r - a f œ - m f æ - m i - n - æ f e - m i - n - æ f e - m or f æ - m i - n - æ f e - m or f æ - m i - n - æ f e - m or f a - m i - n - æ f e - m or j e  ManHumanBeing- Homo h - o m or	Woman-Mulier         m u 1 i e r e m         m u λ - e r m u λ - e r m u λ - e r m u λ - e r Child         i n f a n t e m α - f α n t e f a n t e f a n t e m	d o m i n a d a m d o p a d o n - n a d o n e d o n e d o n e d o n e d o n e d o n e d o - n e d o n - n e d o n - n e d o n - n e d o n e n e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	i   s   -	f e: - m i - n - a f a - m e - m - b r - a f e m m i - n - a f e - m e e f e - m j e f e - m - b r - a f œ - m f æ - m i - n - æ f e - m i - n - æ f e - m or f æ - m i - n - æ f e - m or f æ - m i - n - æ f e - m or f a - m i - n - æ f e - m or j e  ManHumanBeing- Homo h - o m or	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	d o m i n a d a m d o p a d o n - n a d o n v d o n v d o n v d o n v d o n e d o n e d o - n e d o - n e d o - n e d o - n e d o - n e d o - n e d o - n e
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Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	i   s   -	f e: - m i - n - a f a - m e - m - b r - a f e m m i - n - a f e - m e e f e - m j e f e - m - b r - a f œ - m f æ - m i - n - æ f e - m i - n - æ f e - m or f æ - m i - n - æ f e - m or f æ - m i - n - æ f e - m or f a - m i - n - æ f e - m or j e  ManHumanBeing- Homo h - o m or	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	d o m i n a d a m d o p a d o n - n a d o n e d o n e d o n e d o n e d o n e d o - n e d o - n e d o - n e d o n - n e d o n - n e d o n e n e

	Wife	Wife-Mulier	Husband	Husband-Sponsus
Latin	- s p o n s a	m u 1 i e r -	m a r i: t u s	- s p o n s u s
French	e - p u - z -		такі	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   p   o   -   z   e	m u s - e r -	meriðu-	$\mathbf{i} \int \mathbf{p} \mathbf{o} - \mathbf{z} \mathbf{u} -$
Catalan	$ \mathfrak{d}  s  \mathfrak{p}  \mathfrak{d} -  \mathfrak{z}  \mathfrak{d}$	$ \mathbf{m} \mathbf{u} \mathbf{\Lambda}  -  \mathbf{e}  -  \mathbf{m} \mathbf{u} \mathbf{\Lambda} $	m a r i t	ə s p ə - s
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 - -	р е - 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			p aj	t a t a
Portuguese		m ej m ej	p aj	t a t a
Catalan		m a - r ə -	p a - r ə	1 1 1
Walloon		m e - R	$p \mid \epsilon = r \mid -r \mid -r \mid$	
Friulian		m a - r i -	p a - r i	
Romanian	s o ts		$ \mathbf{p} \mathbf{a}  -  1 1$	t a t ə
Nomaman		Animal Dantin	Field Dieleges	
Lotin	Animal	Animal-Bestia	Fish-Piskem	Fish-Pescion
Latin	a n i m a l i a	b e: s t i a	p i s k e m	
French	o m a - j -			p w a s õ
Spanish	a   1   i   m   a   n   -   a		p e θ	
Italian		$\begin{vmatrix} b & i & \int \int -a \end{vmatrix}$	$p \mid e \mid \int \mid f \mid e \mid$	
PortugueseBrazil		$ b i - \int - b i $	p ej ∫ - i -	
Portuguese		$ b i - \int_{0}^{a} - b $	p ej f - i -	
Catalan			p e     -   -   -	
Walloon				$ p  -  \epsilon  h  \tilde{o} $
Friulian	n e m a: 1	b   i   s   -   -   -	$p \mid \varepsilon \mid s \mid - \mid - \mid - \mid$	
Romanian	- n ə m a - j e		p e ∫ t e -	
	Bird-Avem	Bird-Avicellum	Bird-Passerem	Dog
Latin	a w e m	- a w i - k - e l l	ıpasserem	k - a n e m
French		w   a   -   -   z   -   o   -   -		$\int \left  j \left  \tilde{\epsilon} \right  - \right  - \right $
Spanish	a b e -		na-xaro-	k - a n
Italian		$ - - u - t tf - \epsilon 1 1 $	(nassero-	k - a n e -
PortugueseBrazil	a v i -	u     t   y   -   t   1   1	pa-seru-	
1 Ortuguesebiazii	a   v   1			$egin{array}{c cccc} \mathbf{K} & & \mathbf{C} & & & & & & & & & & & & & & & & & & &$
Portuguese	a   v   i   -		pa-seru-	$\left \begin{array}{c cccccccccccccccccccccccccccccccccc$
rortuguese	a   v   1   -		pa-sellu-	$\left  \begin{array}{c cccc} \mathbf{K} & - & \mathbf{e} & - & - & - \\ \hline \mathbf{W} & & & \end{array} \right $
Catalan	-			
Catalan	a  w  -   -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		k - a
Walloon		$\begin{array}{cccccccccccccccccccccccccccccccccccc$		
Friulian		- - u - - tf j ε - l		c - a n
Romanian			pa-səre-	k - ij n e -

	Louse	Snake	Snake-Serpens	Worm
Latin	p - e d u - k 1 u s	s - e r p - e n t e	ns - e r p e n s	w e r m e m
French	p - u	s - e в р - а	-	v е в
Spanish	p j o - x - o		s   j   e   r   p   e   -   -	berme-
Italian	p - i d o k k j o -	s - e r p - e n t e	$-s - \epsilon r p e$	v e r m e -
PortugueseBrazil	$\begin{vmatrix} \mathbf{r} \\ \mathbf{p} \end{vmatrix} - \begin{vmatrix} \mathbf{i} \\ \mathbf{i} \end{vmatrix} - \begin{vmatrix} \mathbf{o} \\ \mathbf{o} \end{vmatrix} - \begin{vmatrix} \mathbf{f} \\ \mathbf{u} \end{vmatrix} - \begin{vmatrix} \mathbf{g} \\ \mathbf{u} \end{vmatrix} - \begin{vmatrix} \mathbf{g} \\ \mathbf{u} \end{vmatrix}$	s - е в р - ё - ʧ i	- I	ve kmi -
Portuguese		$\begin{bmatrix} s & -i & r & p & -i & i \end{bmatrix}$		v e r m i -
Catalan	•	s - ə r p - e n	s - e r p	V ε r m
Walloon	p - o	s j & k p - e n	s   c   i   p	$\begin{bmatrix} v & \varepsilon & i & iii \\ v & j & \varepsilon & R & - & - \end{bmatrix}$
Friulian				
Romanian				V j ε r
Romanian	p   -   ə   d   u   -   k   j   e   -   Tree	<u> </u>	Stick	v j e r m e Fruit
Latin	a r b o r e m	s i l w a	p a: 1 u s	fru: - ktus
French		8   1   1   W   a	•	
			p a 1	f r q i
Spanish	a r β o 1	s e l b a	p a 1 o -	
Italian	a l b e r o -	s e l v a	p a 1 o -	f r u - t t o -
PortugueseBrazil		s ε w v a	p a w	frute-
Portuguese	a r v u r i -	s e ł v e	p a w	f r u t e -
Catalan	a - b - r ə -	s e l b a	p a 1	f r u j - t
Walloon	o:   -   b   -   -   -   -			f R y
Friulian	a r b u 1	$s \mid \epsilon \mid 1 \mid v \mid e$	p a: 1	f   r   u   -   -   t   -   -
Romanian	a r b o r e -		p a r	f r u - k t
	Seed	Seed-Sementis	Seed-Granum	Leaf
Latin	s e: m e n	s e m - e n t i s	g r a: n u m	f - o 1 i a
French		s ə m - a s	g R ε u	f - œ j
Spanish		s i m j e n t e -	grano-	-   -   o   x   -   a
Italian	s e m e -	s e m - e n t e -	g r a n o -	$ f  -  \mathfrak{d}  \wedge  \mathfrak{d}  $
PortugueseBrazil		s e m - ẽ - ʧ i -	gre	f - o \lambda - e
		0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	$\widetilde{\widetilde{W}}$	
Portuguese		$ s  i  m  -  \tilde{e}  -  t  i  -$	$g \mid r \mid \tilde{\tilde{\mathbf{g}}} \mid - \mid - \mid -$	f   -   o   \lambda   -   e
			$\widetilde{\widetilde{W}}$	
Catalan		s   ə   m   -   e   n   -   -   -	g r a	$ \mathbf{f}  -  \mathbf{u}  \mathbf{\Lambda}   -  \mathbf{a} $
Walloon		$\begin{bmatrix} s & i & m & - & \tilde{e} & - & s & - & - \end{bmatrix}$	g r i n	$\begin{vmatrix} \mathbf{f} & \mathbf{d} & \mathbf{K} \\ \mathbf{f} & \mathbf{j} & \mathbf{j} \end{vmatrix} = \begin{vmatrix} \mathbf{d} & \mathbf{K} \\ \mathbf{j} & \mathbf{j} \end{vmatrix}$
Friulian		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	g r a n	f w e - e
Romanian		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	g r i	f oa - j e -
Nomaniali		3   8   111   -   1   11   9   8   -	y I I W	J Mal -   J   E   -
	Leaf-Frondea	Root	Root-Radix	Root-Radicina
Latin	f r o n d e a	- r a: d i: k e m	r a: d i: k e	r a: d i: k i: n a
French	I   I   U   II   U   C   a	I   a   a   I   K   C   III	Radi-	Ba-sin-
Spanish		-   r   a   -   i   θ   -   -	b a u I	
Italian	$ \mathbf{f}   \mathbf{r}   \mathbf{o}   \mathbf{n}  d\mathbf{z}  -  \mathbf{a} $	-   1   a   -   1   0   -   -	r a d i: tf e	
			ı a a ı ı y e	
	f r õ s - r -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		
Portuguese	$ f  r  \tilde{o}  s   -  e  -$	-   R   S   -   1         -   -		
Catalan		ə   r   ε   -   l   -   -   -		
Walloon				$ R  \epsilon  - - s  \epsilon  n -$
Friulian				
Romanian	f r u n z - ə			r ə d ə ʧ i n ə

	BarkOfATree	BarkOfATree-Corticea	BarkOfATree-Skortea	Flower
Latin	k o r t i k e m	k o r t i k e a	- s k - o r t e a	f l o: r e m
French			е - k - о в s	f 1 œ в
Spanish		k o r t e θ - a		f 1 o r
Italian	k o r t i t e -	kortetfa	-   s   k   -   o   r   ts   -   a	f j o: r e -
	k o k f i s i -	kовtfise-		f 1 o r
Portuguese	k o r t i s i -	kurtise-		f 1 o r
Catalan			$ \mathfrak{g}   \mathfrak{g}   \mathfrak{g}   \mathfrak{g}  =  \mathfrak{g}   \mathfrak{g}   \mathfrak{g}  =  \mathfrak{g} $	f 1 3
Walloon			- s k w a s	f 1 ø: r
Friulian			- s k w a r ts - e	f 1 o: r
Romanian			- s k - oa r ts - ə	floare-
rtornaman	Grass	Grass-Gramen	Rope	Skin
Latin	- h e r b a	g r a: m e n	f u: n i s -	Civili
French	ε R P -	дкатеп	k o r q	k w a n -
Spanish	j - e r b a	g r a m a -	k w e r ð a	25   17   W         11
Italian	$\begin{vmatrix} \mathbf{r} \\ - \end{vmatrix} - \begin{vmatrix} \mathbf{\epsilon} \\ \mathbf{r} \end{vmatrix} \begin{vmatrix} \mathbf{r} \\ \mathbf{b} \end{vmatrix} a$		k o r d a -	k - o t e n n a
PortugueseBrazil	6 R A B	g r g m e -	ков фе	k - o d i e
Portuguese	g v 1 3	greme-	korðe-	k - o d i e
Catalan	- e r b ə	gram	K O I O E	k - 0 n n ə
Walloon	$j - \left  \begin{array}{c c} \epsilon & j & b & \theta \\ \hline \epsilon & p & - \end{array} \right $	9   1   a   111		K O I III
Friulian	j - a r b e			
Romanian	j - a r b e			
rtornaman	Skin-Pellis	Meat	Blood	Bone
Latin	p - e 1 1 e m	k a r n ē	s a n g <sup>w</sup> - i n e m	0   5   -   -
French	p - o	$\begin{vmatrix} \mathbf{v} & \mathbf{j} & \tilde{\mathbf{\alpha}} & \mathbf{d} \end{vmatrix}$	$\begin{vmatrix} \mathbf{s} & \tilde{\mathbf{a}} & - & - & - & - & - & - \end{vmatrix}$	0 8
Spanish	p j e 1	k a r n e	sang-re-	w e s o
Italian	p - e 1 1 e -	k a r n e	s a n g w e	3 8 8 0
PortugueseBrazil	$p - \epsilon - 1 i -$	k a в n i	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	o s u -
Portuguese	$\begin{vmatrix} \mathbf{p} \\ \mathbf{p} \end{vmatrix} - \begin{vmatrix} \mathbf{e} \\ \mathbf{e} \end{vmatrix} - \begin{vmatrix} 1 \\ \mathbf{i} \end{vmatrix} - \begin{vmatrix} \mathbf{e} \\ \mathbf{i} \end{vmatrix}$	k a r n i	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	o s u -
Catalan	P	1 u 1 11 1	0 0 9 1	
		karn-	· ·	
	p - e - 1	kara	s a ŋ	<b>o</b> s
Walloon	$egin{array}{c c c c c c c c c c c c c c c c c c c $	f or R	s a ŋ s õ: - g	3 s 3 h ε: -
Walloon Friulian	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	tf o:	s a ŋ s õ: - g s a ŋ k	3       s       -         3       h       ε:       -         V       W       ε       s
Walloon	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	ff o: k k a r n e	s a ŋ s õ: - g s a ŋ k s i n ʤ - e	0   s   -   -
Walloon Friulian Romanian	p - e - λ p j a p j ε 1 p j e - 1 e -	ff o: k   k a r n e   Egg	s a ŋ s õ: - g s a ŋ k	o s   o h ε: -   v w ε s   o s     Tail
Walloon Friulian	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	ff o: k k a r n e	s a ŋ s õ: - g s a ŋ k s i n ʤ - e	0   s   -
Walloon Friulian Romanian Latin	p - e - λ p j a p j ε 1 p j e - 1 e -  FatNoun a d e p s	ff o: s c a: r k a r n e  Egg - o: w u m	s a ŋ s õ: - g s a ŋ k s i n dʒ - e	o s   o h ε: -   v w ε s   o s     -
Walloon Friulian Romanian Latin French	p - e - λ p j a p j ε 1 p j e - 1 e -  FatNoun a d e p s g κ e s	ff o:	s a ŋ s õ: - g	0   s   -
Walloon Friulian Romanian  Latin French Spanish	p - e - λ p j a p j ε 1 p j e - 1 e -  FatNoun a d e p s g r a s a	ff o:	s a ŋ	D   S   -
Walloon Friulian Romanian  Latin  French Spanish Italian	p - e - Λ	ff o:	s a ŋ	D   S   -
Walloon Friulian Romanian  Latin  French Spanish Italian PortugueseBrazil	p   j   a   -   -   -   -   -   -   -   -   -	ff o:	s a ŋ s õ: - g s a ŋ k	D   S   -
Walloon Friulian Romanian  Latin  French Spanish Italian PortugueseBrazil Portuguese	p - e - Λ	ff o:	s a ŋ s õ: - g s a ŋ k	D   S   -
Walloon Friulian Romanian  Latin  French Spanish Italian PortugueseBrazil Portuguese Catalan	p   j   a   -   -   -   -   -   -   -   -   -	ff o:	s a ŋ	D   S   -
Walloon Friulian Romanian  Latin  French Spanish Italian PortugueseBrazil Portuguese	p   j   a   -   -   -   -   -   -   -   -   -	ff o:	s a ŋ s õ: - g s a ŋ k	D   S   -

	Feather	Feather-Penna	Hair	Hair-Capillus
Latin	p 1 u: m a	p e n n a	p - i 1 u s	kapillus
French	p 1 y m -	$p \mid \epsilon \mid - \mid n \mid -$	p w a 1	$\int \left  \begin{array}{c c c c c c c c c c c c c c c c c c c $
Spanish	p 1 u m a	p e - n a	p - e 1 o -	k a b e - j o -
Italian	p j u m a	p e n n a	p - e 1 o -	k a p e l l o -
PortugueseBrazil		p e - n e	p - e 1 u -	k a b e - 1 u -
Portuguese		p e - n e	$\begin{vmatrix} \mathbf{r} \\ \mathbf{p} \end{vmatrix} - \begin{vmatrix} \mathbf{i} \\ \mathbf{l} \end{vmatrix} \mathbf{l} \mathbf{u} - \mathbf{l} \end{vmatrix}$	k e β e - 1 u -
Catalan	p 1 o m ə	$\begin{vmatrix} \mathbf{r} \\ \mathbf{p} \end{vmatrix} \mathbf{\epsilon} \begin{vmatrix} -\mathbf{r} \\ \mathbf{p} \end{vmatrix} \mathbf{e}$	p - ε 1	k ə b ε - Λ
Walloon	p 1 3 m -	p e - n -	F     -   -	$ \mathbf{f}  \mathbf{i}  \mathbf{v}  \mathbf{j} -  \mathbf{a}  -  \mathbf{a} $
Friulian	p l u m ε	$p \mid \epsilon \mid - \mid n \mid e$	p - e: 1	c a v ej
Romanian	P   -   -   -   -	p a - n ə	p - 9 r	
	Head	Head-Testa	Ear	Eye
Latin	kapi-tia	t e s t a	o: r i k l a -	- o - k u 1 u s
French	$\int \frac{\partial}{\partial v} \left  v \right  \left  \varepsilon \right  - \left  - \right  - \left  - \right $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	о в еј	- œ - j
Spanish	$k \mid a \mid \beta \mid e \mid - \mid \theta \mid - \mid a$		o r e - x - a	- O - X - O
Italian	k a v e t t s a	t ε s t a	o r e k k j a	$\begin{vmatrix} - & 3 & k & k & - & j & o & - \end{vmatrix}$
PortugueseBrazil		t e s t e	o r e K g	$\begin{vmatrix} 0 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 &$
Portuguese	k e β e - s - e	t ε ∫ t e	o r ej k e	- o \land \lambda u -
Catalan	k a p	t e s t ə	u r e A ə	1 - 1 1 1 1 - 1 - 1 - 1
Walloon	1 · · · · · · · · · · · · · · · · · · ·	tf ε s	3 R aj	-  u:  -   j  -  -  -  -
Friulian	c   a:   f   -   -   -   -   -	t ε s t e	o r e - 1 e	v o 1 i
Romanian	k a p	ts ea s t ə	u r e - k - e	$\begin{vmatrix} - & 0 & - & k^j & - & - & - & - \end{vmatrix}$
	Nose	Nose-Nares	Mouth	Mouth-Gula
Latin	n a: s u s		b u k k a	g u l a
French	n e		b u - 5 -	g œ 1 -
Spanish	n a s o -	n a r i $\theta$ -	b o - k a	g o l a
Italian	n a: s o -	n a r i tf e	b o k k a	g o l a
PortugueseBrazil		n a r i s -	b o - k e	
Portuguese		n   g   r   i   J   -	b o - k e	
Catalan	n a s	n a: r I s -	b o - k ə	g o l ə
Walloon	n e		b   o   k   -   -	g  ø:   j   -
Friulian	n a: s		$b \mid a \mid - \mid c \mid \epsilon$	g o l e
Romanian	n a s		b u - k ə	g u r ə
	Tooth	Fingernail	Foot	Leg
Latin	d e n t ē -	u n g <sup>w</sup> i s -	$p \mid e \mid d \mid \tilde{e} \mid$ -	k r u: s
French	$\left  d \left  \widetilde{\mathfrak{a}} \right  - \left  - \right  - \right  - \right $	õ g 1	p   j   e   -   -	3 a b
Spanish	d j e n t e	u n a	p   j   e   -   -	p j e r n a
Italian	$d \epsilon n t e -$	u ŋ g j a -	p j ε: d e	g a m b a -
PortugueseBrazil	$d \mid \tilde{e} \mid tf \mid i \mid - \mid -$	u	$p \mid \epsilon \mid - \mid - \mid$	ревры
Portuguese	$d  \tilde{e}  t  \dot{i}  -  -$	u   n   e   -   -   -	p ε	p ε r n e -
Catalan			$p \mid \epsilon \mid w \mid - \mid - \mid$	k a m ə
Walloon	$\left  \mathbf{d} \right  \left  \mathbf{\tilde{e}} \right  - \left  - \right  - \left  - \right $	õ g	p i:	$dg  \tilde{a}  b$
Friulian	d i n t - -	$\mathfrak{g} \mid \mathfrak{g} \mid \mathfrak{u} \mid \mathfrak{l} \mid \mathfrak{e}$	p   i:   t   -   -	да n b e -
	1.			W
Romanian	d i n t e -	u n g j e -	$p \mid i \mid t \int_{0}^{j} o \mid r$	p i tf o r -

	Knee	Hand	Wing	Belly
Latin	g e n u:	m a n u m	a: 1 a	w e n t e r
French	3 ə n u	m	e 1 -	v ~ ~ t ~ ~ -
Spanish	r o ð i л a -	m a n o -	a 1 a	b a r i y a
Italian	dzi nok: jo	m a: n o -	a 1 a	pantfa-
PortugueseBrazil		m e	a	v e t r i -
		$\widetilde{\mathbf{w}}$		
Portuguese	3 u e 1 u	m e	a	v e t r i -
		$\widetilde{\mathrm{w}}$		
Catalan			a 1 ə	
Walloon	n n o	m	e 1 -	v   ẽ:   t   -   -   -
Friulian	dze noli-	m a ŋ	a l e	p a n ts e -
Romanian	djenunkç	m i n ə -		burtə-
	Guts	Neck	Back	Back-Spatula
Latin	w i s k u s	k - o 1 1 u m	d o r s u m	- s p a t u l a
French	ã t k a j	k   -   u   -   -   -   -	d o	e   -   p   o   -   -   1   -
Spanish	t r i p a s	k w e - j o -		e s p a 1 - d a
Italian	i n t e s t i: n o	k - o 1 1 o -	d o s s o -	- s p a 1 - 1 a
PortugueseBrazil	e t r e n e s	k - o - 1 u -		i f p a d - w e
Portuguese	ē t r e n e s	k -   p -   1   u   -		i f p a d - w e
Catalan	-   -     -   <b>J</b>   -   <b>J</b>	$ \mathbf{k}  -  \mathbf{o}  -  \mathbf{k}  -  \mathbf{o} $	d   o   -   s   -   -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Walloon			d o	- s p a 1 -
Friulian		k   w   ε   -   1   -   -		- s p a 1 ε
Romanian			d   o   -   -   -   -	- s p a t e
	Breast	Breast-Pectus	Heart	Heart-Anima
1 - 41				
Latin	s i n u s	p - e k t u s	k - o r -	a n i m a
Latin French	s i n u s s ẽ	p - e k t u s p - i		
French	$ \mathbf{s}  \mathbf{\tilde{e}}   -   -  $	p - i		a m -
		p - i p - e - tf o -	к - с в -	
French Spanish Italian	s ē s e n o - s e n o -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	k   -   œ   в   -	a 1 - m a a 1 - m a
French Spanish Italian PortugueseBrazil	s e n o - s e n o - s e i o -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	k   -   œ   в   -	a 1 - m a a 1 - m a a 1 - m a a w - m e
French Spanish Italian	s e n o - s e n o - s e n o - s ej - u - s ej - u -	p - i		a 1 - m a a 1 - m a
French Spanish Italian PortugueseBrazil Portuguese	s e n o - s e n o - s e i o -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		a l - m a a l - m a a l - m a a w - m e a l - m e
French Spanish Italian PortugueseBrazil Portuguese Catalan	s ē s e n o - s ej - u - s ej - u - s i	p - i	k       -       ce       s       -         k       -       o       r       e         k       -       o       r       -         k       -       o       r       -         k       -       o       r       -         k       -       u       c       -	a 1 - m a a 1 - m a a w - m e a 1 - m e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	s	p - i	k       -       ce       s       -         k       -       o       r       e         k       -       o       r       -         k       -       o       r       -         k       -       o       r       -         k       -       o       r       -         k       -       o       r       -         c       -       o       r       -         c       -       o       r       -         c       -       o       r       -         c       -       o       r       -         c       -       o       r       -         c       c       o       r       -         c       c       o       r       -         c       c       o       r       -         c       c       o       r       -         c       c       o       r       -         c       c       o       r       -         c       c       o       r       -         c       c       o <th>a 1 - m a a 1 - m a a 1 - m a a w - m e a 1 - m e</th>	a 1 - m a a 1 - m a a 1 - m a a w - m e a 1 - m e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	s ē s e n o - s ej - u - s ej - u - s i	p - i	k       -       ce       s       -         k       -       o       r       e         k       -       o       r       -         k       -       o       r       -         k       -       o       r       -         k       -       u       c       -	a 1 - m a a 1 - m a a w - m e a 1 - m e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	s e n o - s e n o - s e j - u - s i s e n s a n	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	k       -       ce       s       -         k       w       o       r       e         k       -       o       r       -         k       -       o       r       -         k       -       u       r       -         k       -       u       r       -         k       -       u       r       -         k       -       u       r       -	a 1 - m - a 1 - m a a 1 - m a a w - m e a 1 - m e  o: m - a n i m e i n i m e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	s e n o - s e n o - s e n o - s ej - u - s ej - u - s i	p - i	k       -       ce       s       -         k       w       o       r       e         k       -       o       r       -         k       -       u       r       -         k       -       u       r       -         k       -       u       r       -         s       o       l       i       k       u       l       u       s	a l - m - a l - m a a l - m a a w - m e a l - m e  i n i m e i n i m a
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French	s ē	p - i	k   -   œ   в   -	a l - m - a l - m a a l - m a a w - m e a l - m e  o: - m - a n i m e i n i m o  Moon  l u: n a l y n -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish	s e n o - s e n o - s e n o - s ej - u - s ej - u - s i s a n  Liver  f w a i y a ð o -	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	k       -       ce       s       -         k       w       o       r       e         k       -       o       r       -         k       -       u       r       -         k       -       u       r       -         k       -       u       r       -         s       o       l       i       k       u       l       u       s	a l - m - a l - m a a l - m a a w - m e a l - m e  o: m - a n i m e i n i m o  Moon  l u: n a l y n - l u n a
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian	s e n o - s e n o - s e n o - s ej - u - s ej - u - s i s a n  Liver  f - i: k a: t u m f w a i y a ð o - f - e g a t o -	p - i	k       -       ce       s       -         k       w       o       r       e         k       -       o       r       -         k       -       u       r       -         k       -       u       r       -         k       -       u       r       -         s       o       l       i       k       u       l       u       s	a 1 - m - a 1 - m a a 1 - m a a w - m w a 1 - m v   b: m - a n i m e i n i m e i n a  1 y n - 1 u n a 1 u n a 1 u n a
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil	s ē	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	k       -       ce       s       -         k       w       o       r       e         k       -       o       r       -         k       -       u       r       -         k       -       u       r       -         k       -       u       r       -         s       o       l       i       k       u       l       u       s	a 1 - m a a 1 - m a a 1 - m a a w - m e a 1 - m e  o: m - a n i m e i n i m e i n i m a  l y n - l u n a l u n a l u - e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese	s ē	p - i	k       -       ce       s       -         k       w       o       r       e         k       -       o       r       -         k       -       u       r       -         k       -       u       r       -         k       -       u       r       -         s       o       l       i       k       u       l       u       s	a l - m a a l - m a a l - m a a w - m e a l - m - a n i m e i n i m a l y n - l u n a l u n a l u - e l u - e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	s ē   -   -   -	p - i	k       -       ce       s       -         k       w       o       r       e         k       -       o       r       -         k       -       u       r       -         k       -       u       r       -         k       -       u       r       -         s       o       l       i       k       u       l       u       s	Q m -   m a   a 1 - m a   a 1 - m a   a w - m e   a 1 - m e   a 1 - m e   a n i m e   i n i m a   m a
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	s ē	p - i	k   -   ce   B   -	Q m -   m a   a 1 - m a   a 1 - m a   a w - m e   a 1 - m e   a 1 - m e   a n i m e   i n i m a   b   m a   l u n a   l u n a   l u n a   l u n e   k u n a   l w n - e   k u n a   l w n - e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	s ē   -   -   -	p - i	k       -       ce       s       -         k       w       o       r       e         k       -       o       r       -         k       -       u       r       -         k       -       u       r       -         k       -       u       r       -         s       o       l       i       k       u       l       u       s	Q m -   m a   a 1 - m a   a 1 - m a   a w - m e   a 1 - m e   a 1 - m e   a n i m e   i n i m a   m a

	Star	Water	Rain	River
Latin	- s t - e: 1 1 a	a   - k <sup>w</sup> -   a	p l u - w i a	f 1 u: m e n
French	e - t w a - 1 -	0	p 1 y i -	
Spanish	e s t r e - j a	a - y w a	j - u - b j a	
Italian	- s t - e 1 1 a	a k k w a	p j o d dz - a	f   j   u   m   e   -
PortugueseBrazil		a - g w e	f - u - v - e	f l u m i -
Portuguese	i f t r e - 1 e	a - g w e	f - u - v - e	f l u m i -
Catalan	$\frac{1}{2}$ $\frac{1}{8}$ $\frac{1}{8}$ $\frac{1}{8}$ $\frac{1}{8}$ $\frac{1}{8}$ $\frac{1}{8}$ $\frac{1}{8}$	aj - y w ə	p 1 u - 3 - ə	
Walloon	- s t - ø: - 1 -	E: - W -	b 1 n: - R	
Friulian	$- \begin{vmatrix} s & t \\ - \end{vmatrix} = \begin{vmatrix} \epsilon & - \end{vmatrix} = \begin{vmatrix} 1 & e \end{vmatrix}$	a - g - e	p 1 o j e	f   1   u   m   -   -
Romanian	- s t - ea	$\begin{vmatrix} a & b \\ a & -b \end{vmatrix} = \begin{vmatrix} b & c \\ b & -b \end{vmatrix}$	p l oa j e	
rtorriaman	River-Rivus	River-Riparia	Lake	Sea
Latin	r i: w u s	r   i:   p   -   a:   r   i   a	l a k u m	m a r e
French	R A	к і v і е к	1 a k a m	m ε r -
Spanish	r i - o -	=   *   *   J   *   B	1 a g o -	m a r -
Italian	r i - o -		1 a g o -	m a r e
PortugueseBrazil			1 a g u -	m a r -
Portuguese	k i - u -		layu-	m a r -
Catalan	$\begin{vmatrix} \mathbf{r} & \mathbf{i} & -\mathbf{w} \end{vmatrix}$		Λ a k	m a r -
Walloon	- -	r   i   v   i:   -   в   -   -	1 a k	шек-
Friulian			1 a: t	m a: r -
Romanian	$ \mathbf{r} \mathbf{i} - \mathbf{w} $		1 a k	m a r e
	Salt	Stone	Stone-Petra	Stone-Lapidem
Latin	s a: 1 e m	s a k s u m	p - e t r a	l a p i d e m
French	s ε 1		р ј е - в -	1 1 1 1 1 1 1 1 1
Spanish	s a 1		p j e ð r a	1 a u - d e -
Italian	s a 1 e -	s a s s o -	p j e: t r a	1 a p i d e -
PortugueseBrazil	s a w	s ej - ∫ u -	p - e d r e	1 12 1 1 1 1
Portuguese	s a 1	s ej - Ĵ u -	a 1 Q 3 - d	
Catalan	s a 1		р - е б г ә	
Walloon	s e		b - i: - R -	
Friulian	s a: 1		p j e: - r e	
Romanian	s a r e -		p j a t r ə	
	Sand	Sand-Sabulum	Sand-Sabula	Dust
Latin	h a r e: n a	s a b u l u m	s a - b u 1 a	p u 1 w e r e m
French		s a b - 1		p   u   d   в   -   -   -   -
Spanish	- a r e n a			
Italian			s a b b - j a	p   o   1   v   e   r   e   -
PortugueseBrazil		s aj β - r u -		
Portuguese	-   e   t   ej   -   e	s aj β - r u -		
Catalan	-   ə   r   e   n   ə	s o r ə		
Walloon		$ s $ or $ v $ $ \tilde{o} $ $ - $		
Friulian		s a v a l o n		p   3   1   v   a   r   -   -
Romanian	- a r i n ə			p u 1 b e r e -

	Dust-Pulwus	Earth	Cloud	Cloud-Secondary
Latin	p u 1 w u s	t - e r r a	n u: b e: s	n u: b i l u s
French		t - е - в -	n y	
Spanish	p o 1 b o -	t j e - r a	n u b e -	n u b - 1 o -
Italian		t - ε r r a	n u b e -	n u v o 1 a -
PortugueseBrazil	p   o   -   -   -	t - е - в в	n u v ẽj -	n u b l a d u
Portuguese	p   o   -   -   -	т - ε - в в	n u v ej -	n u b l a d u
Catalan	p o 1 s	t - ε - r ə		n u β u ł
Walloon		t   -   e:   -   r   -		
Friulian		t   j   ε   -   r   e		n u: -   -   1   -   -
Romanian		ts - a - r ə		n o r
	Fog	Fog-Nebula	Fog-Tenebrae	Fog-Tenebras
Latin	k a: 1 i: g i n e m	n - e - b u 1 a	t e n e: b r aj	t   -   e   n   -   e:   b   r   a:   s
French		n j o 1 y		t   -   e   n   -   ε   b   <b>в</b>   -   -
Spanish	k a 1 i n a -	n j e - b - 1 a		t - i n j e b l a s
Italian	k a l i d i n e -	n - e b b - j a	t   \varepsilon:   n   e   b   r   e	t   -   ε:   n   -   e   b   r   e   -
	k a l i 3 ej	$ n  -  \epsilon  -  v  w -  \epsilon $		
Portuguese	k e l i z êj	$n - \epsilon - v w - \epsilon$		t   r   -   -   ε   v   -   ε   ∫
Catalan		n  -  e  -  - w  1   $ a $		$ t  -  \vartheta  n -  e  b  r  \vartheta  s $
Walloon				
Friulian				
Romanian		n e g u r ə		
Latin	Fog-Fumata	Fog-Caecia	Sky	Wind
Latin	f u: m a: t a	k aj k i a	k - aj l u m	w - e n t u m
French	f y m e f u m a t a		s j ε l	$\begin{vmatrix} \mathbf{v} & - & \tilde{\mathbf{\alpha}} & - & - & - & - & - & - & - & - & - &$
Spanish Italian	f u m a t a f u m a: t a		$\theta$ j e l o - tf - $\epsilon$ l o -	b j e n t ο - v - ε n t ο -
PortugueseBrazil			3	
Portuguese	f u m a s e		$\begin{vmatrix} \mathbf{s} & - & \mathbf{\epsilon} & \mathbf{w} & - & - \\ \mathbf{s} & - & \mathbf{\epsilon} & \mathbf{w} & - & - \end{vmatrix}$	$egin{array}{c c c c c c c c c c c c c c c c c c c $
Catalan	I   u   m   a   s   e		$\begin{vmatrix} s & - & \epsilon & w \\ s & - & \epsilon & 1 \end{vmatrix}$	b - e n
Walloon			S - i: R	v - ê
Friulian	f  u m a   t   e		tf - i: 1	v - i n t
Romanian	2   3   111   4   1   0	tfeatf - ə	tf - e r	$\mathbf{v} - \mathbf{i} \mathbf{n} \mathbf{t}$
	Snow	Ice	Smoke	Fire-Focus
Latin	n i w e m	g e 1 u:	f u m u s	f - o k u m
French	$n \mid \varepsilon \mid \mathfrak{Z} \mid - \mid -$	$\begin{vmatrix} 3 & \epsilon & 1 \\ 3 & \epsilon & 1 \end{vmatrix}$ -		f - ø
Spanish	n j e b e	j e 1 o	-   u   m   o   -	f w e g o -
Italian	n e v e -	dg ε 1 o	f u m o -	f w o k o -
PortugueseBrazil			f u m u -	f - o g u -
Portuguese	$n \mid \epsilon \mid v \mid i \mid -$		f u m u -	f  -  o  y  u  -
Catalan	n e w	3   ε   1   -	f  u m -   -	f - 3 k
\				C
Walloon	n i: v aj -			f - ø:
Friulian Romanian	n i: v aj - n e: f	dg e r -	f   u m   -   - f   u m   -   -	f - 0:

	Ash	Ash-Cinisia	Road	Road-Strata
Latin	k i n e - r e m		w i a	- s t r a: t a
French	$ \mathbf{s}   \mathbf{\tilde{a}}  -  \mathbf{d}   \mathbf{R}  -  \mathbf{d} $		v w a	
Spanish		$\theta \mid e \mid n \mid i \mid \theta \mid a \mid -$	b i a	e s t r a d a
Italian	tf   e   n   e   -   r   e   -	10101010101	v i a	- s t r a d a
PortugueseBrazil	9   0   11   0       1   0	S Î 7 P	v i v	i s t r a d e
Portuguese		$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	v i v	i f t r a ð e
Catalan	$ s  \varepsilon  n  -  d  r  a  -$		b i ə	
Walloon	s e: d		0 1 0	
Friulian	S   C.       U	tf   i   n   i   z   e   -		
Romanian		tf e n u f ə -		
rtorriaman	Road-Camminus	Mountain	Mountain-Montanea	Night
Latin	k a m m i: n u m	m o n t e m	m o n t a: - n e a	n - o c t e m
French	$\int  \hat{\mathbf{a}}  - \mathbf{m}  \tilde{\epsilon}  -  - - $	$\mathbf{m} \begin{vmatrix} \tilde{\mathbf{o}} \\ - \end{vmatrix} - \begin{vmatrix} - \\ - \end{vmatrix} - \begin{vmatrix} - \\ - \end{vmatrix}$	m õ - t a - n	n q i
Spanish	k a - m i n o -	m o n t e -	m o n t a - n - a	n - o - tf e -
Italian	k a m m i n o -	m o n t e -	m o n t a n n - a	n - o t t e -
PortugueseBrazil		$\mathbf{m} \stackrel{\circ}{\mathbf{o}} - \mathbf{t} \stackrel{\circ}{\mathbf{f}} \stackrel{\circ}{\mathbf{i}} -$	$\mathbf{m} \stackrel{\circ}{\mathbf{o}} - \mathbf{t} \stackrel{\circ}{\mathbf{e}} - \mathbf{n} - \mathbf{e}$	n - oj t i
Portuguese	k e - m i n u -	$\mathbf{m} \stackrel{\circ}{\mathbf{o}} - \mathbf{t} \stackrel{\bullet}{\mathbf{i}} -$	$\mathbf{m} \stackrel{\circ}{\mathbf{o}} - \mathbf{t} \stackrel{\circ}{\mathbf{e}} - \mathbf{n} - \mathbf{e}$	n - oj t i
Catalan	k ə - m i	m u n	m u n t a - n - ə	n - i - t
Walloon			m õ - t a - n	$\begin{vmatrix} \mathbf{n} & \mathbf{r} & \mathbf{t} \\ \mathbf{n} & \mathbf{y} & \mathbf{t} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix}$
Friulian		m   o   n   t   -   -	m o n t a - n e -	n - s - t - s
Romanian		m u n t ε -		n - oa p t e -
rtomaman	Day	Day-Diurnus	Day-Diurna	Day-Diurnata
Latin	d i e: s	d i u r n u m	Day-Diuma	d i u r n a: t a
French	u   1   c.   3	3 - u s		3 - u s n e
Spanish	d i a -	d j u r n o -		x - o r n a d a
Italian	d i a -	dy - o r n o -		dz o r n a t a -
PortugueseBrazil			3 р в п а	
Portuguese	d i e -		3 3 K n a	
Catalan	d i ə -		3   3   B   II   a	
Walloon		3 - 0 r n d - u:		
Friulian	dz u: d i	u <sub>3</sub>   -  u <sub>4</sub>   -   -   -   -		dz - o r n a d e
Romanian	d i z i			uz -   0   1   11   a   u   e
TOMAMAN	Year	Name-Nomen	Name-Nominem	ManMale
Latin	a n n u m	n o: m e n	n o m i n - e m	mailmaio
French	$\begin{vmatrix} \tilde{\alpha} & - & - & - & - \end{vmatrix}$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		
Spanish	a - n o -		n o m - b r e -	ombre-
Italian	a n n o -	n or m e -	•   •   •   •   •   •	w o: m o
PortugueseBrazil	e - n u -	n o m i -		o m ej
Portuguese	e - n u -	n o m i -		o m ej
Catalan	a - n	n o m		o m ə
Walloon	$\begin{vmatrix} \tilde{\alpha} \\ \tilde{\alpha} \end{vmatrix} - \begin{vmatrix} J^{1} \\ - \end{vmatrix} - \begin{vmatrix} - \\ - \end{vmatrix}$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		<del></del>   •
Friulian	$\begin{vmatrix} \mathbf{a} \\ \mathbf{a} \end{vmatrix} - \begin{vmatrix} \mathbf{\eta} \end{vmatrix} - \begin{vmatrix} \mathbf{a} \end{vmatrix}$	n o n		
Romanian	a n	n u m e -		bərbat

	ManHuman	Tongue	ToDrink	ToEat
Latin		1 i n g <sup>w</sup> - a	b i b - e r e	k o m e d e r e
French		1   a   -   g   -   -	b   -   -   w   а   в   -	
Spanish	o m b r e	l e ŋ g w a	b e b - e r -	k o m e r -
Italian	w o: m o -	l i n g w a	b e r e	
PortugueseBrazil	o m ej	1 î - g w e	р е р – е в –	k o m e k u m e r -
Portuguese	o m ej	1   î   -   g   w   e	b i β - e r -	k u m e r -
Catalan			b ε w r ə	
Walloon		1   e   -   -   -	p   -   -   o:   r   -	
		ŭ		
Friulian		$1   \epsilon   n   g   -   \epsilon$	b e v i	
Romanian		1   i   m   b   -   ə	b   -   -   ea   -   -	
	ToEat-Manducare	ToBite	ToBite-Morsicare	ToSuck
Latin	m a n d u k a: r e	m - o r d e: r e	m o r s i k a: r e	s u: g e r e
French	m   a   -   3   -   -   e   -   -	$ \mathbf{m}  -  \mathbf{o}  \mathbf{R}  \mathbf{q}  -  \mathbf{R}  -$		s   y   s   e   -   -
Spanish	m a n d u k a r -	m - o r ð e r -	m o - s - k a r -	
Italian	m a n dz a r e	m - o r d e r e	m o r s i k a r e	
PortugueseBrazil	ш <u>в</u> - 2 а в -	ш - о в д в в -	m u - s ə g a	s u g a r -
Portuguese	m e - 3 a r -	m - u r ð e r -	m u - s ə g a r -	s u g a r -
Catalan	m ə n 3 a		m u - s ə y a	
Walloon	m a n i:			s y s i:
Friulian	m a ŋ ɟ a:	m w a r d i		c u c a:
Romanian	m i n k a		m u r s e k a	s u dz e
	ToSpit	ToSpit-Exconspuere	ToSpit-Sputare	ToVomit
Latin	k o n s p u e r e		-  s  p  u  t  e  r  e	w o m e r e
French	$ \mathbf{k}  \tilde{\mathbf{o}}   -  \mathbf{s}  \mathbf{p}  \mathbf{y}  \mathbf{e}   -   -$			v o m i R
Spanish		e  s  k  u  -  p  i  r	e s p u t a r -	bomitar-
Italian			- s p u t a r e	v o m i t a r e
PortugueseBrazil	k u - s p i r			v u m i t a в -
Portuguese	$ \mathbf{k} \mathbf{u}  -  \int  \mathbf{p} \mathbf{i} \mathbf{r}  -  \mathbf{r} $			v u m i t a r
Catalan		ə   s   k   u   -   p   i   -		b u m i t a
Walloon			-   -   -   -	v o: m i
Friulian Romanian			s   p   u   d   a:   -   -   -	g o m i t a:
NOTHATHATI	ToPlay	ToBreathe	Tallough	a v o m i t a -
Latin	ToBlow		ToLaugh r i: d e: r e	ToSee w i d e: r e
French	f l a: r e s u f l e	s p i: r a: r e	R I R L R I R E R I E R	w i d e: r e
Spanish	s u i i e s o p l a r	L       6       8       b       i       L       a       L       -         R       6       s       b       i       R       e       -       -	r e i r	b e r
Italian	s o f f j a r e	r e s p i r a r e	r e i r r i: d e r e	v e d e: r e
PortugueseBrazil		Relbitat-	R i R	v e g e: L e
Portuguese	suprar-	в <del>і</del> 2 b і с а с -	R   j   L   -   -   -	v e r
Catalan	3   u   p   1   a   1   -   -	r ə s p i r a	r i w r ə -	b e w r ə -
Walloon		R ε s b i R e	R i: R	v ε j i:
Friulian		r e s p i r a: -	r i d i	v j o d i -
Romanian		arespira-	a r i d e -	a v e d ea -
Romanian				

	ToHear	ToKnow	ToKnow-Sapere	ToKnow-Cognoscere
Latin	a d i: r e	s k i: r e	sap-ere	k o g n o: s k e r e
	ų l			
French	a t a q R		savwar-	
Spanish	o i r		sab-er-	k o - n o θ e r
Italian	u d i: r e		s a p - e r e	$k \mid o \mid - \mid n \mid o \mid \int \mid f \mid e \mid r \mid e$
PortugueseBrazil	o( v   i   r   -		s a b - e r -	k o - n e s - e в -
	w			
Portuguese	o v i r -		s e b - e r -	k u - n i s - e r -
Catalan	s ə n t i		$ \mathbf{s}  \mathbf{a}  \mathbf{\beta}  -  \mathbf{\epsilon}  -  \mathbf{a} $	$k   u   -   n   \varepsilon   \int   -   \vartheta   -   -$
Walloon	o   j   i:   -   -		s a v - ø: r -	
Friulian	s i n t i		s a v - e:	
Romanian	a w z i -	$\int  \mathbf{t} \cdot \mathbf{i}  -  \mathbf{r} $		k u - n oa ∫ t e
	ToThink	ToThink-Pensare	ToSmell-Sentire	ToSmell-Olere
Latin	k - o: g i t a: r e	p e: n s a: r e	s e n t i: r e	o l e: r e
French	k   y   -   -   i   d   e   -   -	p   \tilde{a}   -   s   e   -   -	$ \mathbf{s}   \mathbf{\tilde{a}}  -  \mathbf{t}   \mathbf{i}   \mathbf{k}  -$	
Spanish	k w -   -   i   d   a   r   -	p e n s a r -	s e n t i r -	o 1 e r -
Italian	k - o dz i t a r e	p e n s a r e	s e n t i r e	o l i r e
PortugueseBrazil	k - u 3 i t a в -	р ё - ѕав -	s e - ff i r -	
Portuguese	k - u z i t a r -	p e - s a r -	$ \mathbf{s}  \tilde{\mathbf{e}}   -  \mathbf{t}  \mathbf{i}   \mathbf{r}   -$	
Catalan	k - u - j d a	p ə n s a	s ə n t i	u l u r a
Walloon		$ p  \tilde{\epsilon}  -  s  e  -  -$	$ \mathbf{s}  \tilde{\boldsymbol{\varepsilon}}   -  \mathbf{t}  \mathbf{i}   -   -$	
Friulian		p e n s a:	s i n t i:	
Romanian	k - u dz e t a	p ə - s a	s i m ts i	
	ToSmell-Odorare	ToSmell-Fragrare	ToFear	ToFear-Tremere
Latin	o d o: r a: r e	f r a: g r a: r e	t i m e: r e	t r e m - e r e
French		f   1   ε   -   в   е   -   -		
Spanish			t e m e r -	t r e m - e r -
Italian	o d o r a r e	f r a g r a r e	t e m e r e	t r e m - a r e
PortugueseBrazil		∫   -   ej   -   t   a   <b>k</b>   -	t e m e в -	t гетев
Portuguese			t i m e r -	$  t   \mathbf{r}   \mathbf{i}   \mathbf{m}   -   \mathbf{e}   \mathbf{r}   -$
Catalan		f   1   ə   j   r   a   -   -	t   e   m   ə   -   -	
Walloon				
Friulian			t e m i	t r i m - a:
Romanian			t e m e	
	ToSleep	ToLive	ToDie	ToKill
Latin	d - o r m i: r e	w i: w e r e		n - e k a: r e
French	q - э к m i к -	v i v - k -	m n r i r -	n   w   aj   e   -   -   -
Spanish	d - o r m i r -	b i b i r -	m o r i r -	
Italian	d - o r m i r e	v i v e r e	m o r i r e	
PortugueseBrazil	q - o r m i r -	v i v e r -	шоввв -	
Portuguese	d - u r m i r -	v i v e r -	m u r e r -	
Catalan	d - u r m i	$ \mathfrak{g} $	m u r i	n   -   ə   g   a   -   -
Walloon	q м а в ш і		$m \mid \mathfrak{d} \mid R \mid i \mid - \mid - \mid$	
Friulian	d - u r m i:	v   i   v   i   -   -	m u r i:	
Romanian	d   -   o   r   m   i   -   -	v   i   -   a   -   -	m u r i	n - e k a

	ToKill-Adnecare	ToKill-Tutari	ToKill-Mactare	ToKill-Occidere
Latin		t u: - t a: r i	m a k t a: r e	o k k i: d e r e
French		t   -   q   -   e   -   -	m a - t e	э k s i в -
Spanish	$ \mathbf{a}  -  \mathbf{n}   \mathbf{e}   \mathbf{g}   \mathbf{a}   \mathbf{r}  -$		ma-tar-	
Italian	a n n e g a r e			u t t i d e r e
PortugueseBrazil	-   <del>g</del>     -		m a - t a r -	
Portuguese			m e - t a r -	
Catalan			m ə - t a	u k s i - - -
Walloon		t   u   w   -   e   -   -		U   K   3   1
Friulian			m a tf - a:	
Romanian				u - tf i d e - -
Nomanian	ToFight	ToFight-Battuere	ToHunt-Captiare	ToHit
Latin	p u g n a: r e	b a t t u e r e	k a p t i a: r e	p u 1 s a: r e
French	p u g n a. r e	p a t t d e 1 e	<del>-</del>	
Spanish	pu-par-	b a - t - i r -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
Italian	p u p n a r e	b a t t - e r e	k a t tf - a r e	p u   - x a r -   p u l s a r e
PortugueseBrazil	p   u   JI   JI   a   I   e	раггеве	katy-are	p u - ∫ a в -
Portuguese		b e - t - e r -		
Catalan	p   u   -   p   a   -   -	b a - t - e 1 - b		$ p u  -  \int  a  r $
Walloon				
Friulian		b a t - e b a t - i		p   u   1   s   a:   -   -
Romanian			c a - tf - a:	
Romanian	T-0::4	ToCut-Curtare	Ta Out Francisco	p u 1 s a
Latin	ToCut		ToCut-Excurtare e k s k u r t a: r e	ToCut-Taliare
French	s - e k a: r e	k u r t a: r e		t a: - 1 i a: r e
	s j e	1-1-1-1-1-1	e   -   -   k   u   s   t   e   -   -	t a j e
Spanish	s - e g a r -	kortar-	-   -   s   k   o   r   t   a   r   e	t a - x - a r - t a - \( \hat{\lambda} \) \( \hat{\lambda} \) a r e
Italian PortugueseBrazil	s - e g a r e	k   o   r   t   a   r   -	- - S K O I t a I e	
				4 0 ( 0 70
Dortuguese	· ·			t а - Л - а в -
Portuguese	s - i y a r -	k u r t a r -		t e - 1 - a r -
Catalan	· ·			$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan Walloon	$\begin{vmatrix} \mathbf{s} & - & \mathbf{i} & \mathbf{\gamma} & \mathbf{a} & \mathbf{r} \\ \mathbf{s} & - & \mathbf{o} & \mathbf{\gamma} & \mathbf{a} & - & - \end{vmatrix}$		ا ا م الدايم ا سا له امنا	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan Walloon Friulian	s - i y a r -		-   -   s   k   u   r   t   a:   -   -	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
Catalan Walloon	$\begin{vmatrix} \mathbf{s} & - & \mathbf{i} & \mathbf{y} & \mathbf{a} & \mathbf{r} \\ \mathbf{s} & - & \mathbf{a} & \mathbf{y} & \mathbf{a} & - & - \end{vmatrix}$	k   u   r   t   a   r   -	s k u r t a	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
Catalan Walloon Friulian Romanian	$\begin{vmatrix} s & - & \mathbf{i} & \mathbf{i} & \mathbf{j} & \mathbf{a} & \mathbf{f} & - \\ s & - & \mathbf{i} & \mathbf{j} & \mathbf{a} & - & - \end{vmatrix}$ $\begin{vmatrix} s & - & \mathbf{e} & - & \mathbf{a} & - & - \\ \mathbf{s} & - & \mathbf{e} & - & \mathbf{a} & - & - \end{vmatrix}$ ToSplit	k u r t a r -	ToSplit-Findere	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan Walloon Friulian Romanian Latin	$\begin{vmatrix} \mathbf{s} & - & \mathbf{i} & \mathbf{y} & \mathbf{a} & \mathbf{r} \\ \mathbf{s} & - & \mathbf{a} & \mathbf{y} & \mathbf{a} & - & - \end{vmatrix}$	ToSplit-Scindere	ToSplit-Findere  f i n d e r e	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Catalan Walloon Friulian Romanian Latin French	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	k u r t a r -	ТоSplit-Findere  f i n d e r e f ɑ̃ - d - в -	t θ - Λ - a r - t θ - Λ - a t ε j i: t a j a: t θ j a  ToSplit-Partire p a r t i: r e p a κ t i κ -
Catalan Walloon Friulian Romanian  Latin French Spanish	S	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	ToSplit-Findere  f i n d e r e f a - d - B - e n d e r -	t θ - Λ - a r - t θ - Λ - a t ε j i: t a j a: t θ j a  ToSplit-Partire p a r t i: r e p a s t i s - p a r t i r -
Catalan Walloon Friulian Romanian  Latin French Spanish Italian	S	ToSplit-Scindere	ToSplit-Findere  f i n d e r e f α - d - в - e n d e r - f ε n d e r e	t θ - Λ - a r - t ε -
Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil	S   -   i   y   a   r   -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	ToSplit-Findere  f i n d e r e f a - d - B - e f e n d e r e f e n d e r e f e n d e r e	t ε - Λ - a r -  t ε j i:  t a j a:  t θ j a  ToSplit-Partire  p a r t i: r e p a r t i r - p a r t i r e p a r t i r e p a r t i r e p a r t i r e
Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese	S	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	ToSplit-Findere  f i n d e r e f α - d - в - e n d e r - f ε n d e r e f ẽ - d e в - f ẽ - d e β -	t ε - Λ - a r -  t ε j i:  t a j a:  t a j a  Tosplit-Partire  p a r t i: r e  p a r t i r e  p a r t i r e  p a r t i r e  p a r t i r e
Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	S   -   i   y   a   r   -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	ToSplit-Findere  f i n d e r e f α - d - в - e n d e r - f ε n d e r e f ẽ - d e в - f ẽ - d e r - f ε n d - r - f ε n d - r -	t θ - Λ - a r -  t ε j i:  t a j a:  t a j a  Tosplit-Partire  p a r t i: r e  p a r t i r e  p a r t i r e  p a r t i r e  p a r t i r e  p a r t i r -  p a r t i r -  p a r t i r -  p a r t i r -  p a r t i r -  p a r t i r -  p a r t i r -
Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	S	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	ToSplit-Findere  f i n d e r e f α - d - в - e n d e r - f ε n d e r e f ẽ - d e в - f ẽ - d e β -	t θ - Λ - a r - t ε j i: t a j a: t a j a  Tosplit-Partire  p a r t i: r e p a r t i r e p a r t i r e p a r t i r e p a r t i r e p a r t i r - p a r t i r - p a r t i r - p a r t i p a r t i p a r t i p a r t i p a r t i
Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	S	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	ToSplit-Findere  f i n d e r e f α - d - в - e n d e r - f ε n d e r e f ẽ - d e в - f ẽ - d e r - f ε n d - r - f ε n d - r -	t θ - Λ - a r -  t ε j i:  t a j a:  t a j a  Tosplit-Partire  p a r t i: r e  p a r t i r e  p a r t i r e  p a r t i r e  p a r t i r e  p a r t i r -  p a r t i r -  p a r t i r -  p a r t i r -  p a r t i r -  p a r t i r -  p a r t i r -

	ToSplit-Separare	ToStab	ToStab-lugulare	ToScratch
Latin	s e: p a r a: r e -	p - u n g e r e	j u g u l a: r e	r a: d e r e
French	s ə - v в е	$ \mathbf{b}  \mathbf{m}  \mathbf{\varepsilon}  -  \mathbf{q}  -  \mathbf{r}  -$	3 y g y 1 e	
Spanish	s e p a r a r			ra-er-
Italian	s e p a r a r e -	p - u n dz e r e	j u g u l a: r e	r a d e r e
PortugueseBrazil		n - ũ - 7 i K -	13   0   8   0   -   0   -   0	ка-ек-
Portuguese	s i p e r a r	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		R S - 6 L -
Catalan	s ə p ə r a	p - u p - i		r a w - r ə
Walloon	o o por a	P     G   J <sup>1</sup>     I		
Friulian	s e p a r a:			r a d a:
Romanian	s e p a r a	p u n d e		r a d e
	ToScratch-Rasare	ToScratch-Rasicare	ToScratch-Coctiare	ToDig
Latin				f o d e r e
French	в а z е			f w i r
Spanish	r a s a r -	r a s k a r		
Italian	r a s a r e			
PortugueseBrazil		ва l ka в	k o s a 1	
Portuguese	R B Z a L -	я в Д к а ц	k u s a r	
Catalan	r ə z a	r ə s k a -		
Walloon				
Friulian	r a s a:			
Romanian				
	ToDig-Cavare	ToDig-Excavare	ToSwim	ToSwim-Navigare
Latin	k a w a: r e	e k s k a w a: r e	n - a t a r e	n a v i g a: r e
French				n a 3 e
Spanish	k a b a r -	e s k a b a r	n - a d a r -	n a b e g a r -
Italian	k a v a r e	s k a v a r e	n w o t a r e	n a v i g a r e
PortugueseBrazil	k k n a r -	i   -   J   k   &   v   a   R   -	n - a d a в -	n a v i y a r -
Portuguese	k e v a r -	i   -   f   k   e   v   a   r   -	n - e ð a r -	n e v i y a r -
Catalan	k ə b a		$ \mathbf{n}  -  \mathbf{a}  \mathbf{d}  \mathbf{a}  -  \mathbf{a} $	n ə b ə g a
Walloon	ç   a:   v   -   1   e			n ε dz i:
Friulian	f a v a:	-   -   z   ƒ   a   v   a:   -   -	n   -   a   d   a:   -   -	n a v i g a:
Romanian				n a v i g a
	ToFly	ToFly-Exvolare	ToWalk	ToWalk-Marcher
Latin	w o l a: r e			
French	v o 1 e		$\int_{\mathbf{i}}  \mathbf{a}  \mathbf{m}  \mathbf{i}  \mathbf{n}  \mathbf{e}  -  - - $	m a   R   \( \right)   6
Spanish	b o l a r -		k a m i n a r	
Italian		z   v   o   1   a   r   e	k a m m i n a r e	
PortugueseBrazil	v o - a в -		k s m i h a r	
Portuguese	vw-ar-		keminar-	
Catalan	b u 1 a		k ə m i n a	
Walloon	v   o   1   e   -   -		tf i m i n e	m a: R   tf   i:
Friulian		z v o l a: z b u r a	c a m i n a:	
Romanian				

	ToWalk-Mergere	ToWalk-Ambitare	ToCome	ToLieAsInABed
Latin	m e r g e r e	a m b i t a: r e	w e n i: r e	e k s t e n d e r e
French			v   ə   n   i   в   -	$ \mathbf{e}  -  \mathbf{t}   \mathbf{a}  -  \mathbf{d}  -  \mathbf{R}  -  \mathbf{c} $
Spanish		a n d a r -	benir-	ekstender-
Italian	m ε r dz e r e	a n d a r e	v e n i r e	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
PortugueseBrazil		ğ   -   d   -   -   в   в   -	v i k -	i s t ё - d е в
Portuguese		a   r   -   g   g   g   g   g   g   g   g   g	v i r -	$ i \int  t \tilde{e} - d e r - - $
Catalan			b ə n i	ə - s t e n d - r ə
Walloon			v   i   n   i   -   -	
Friulian			v   i   n   i:   -   -	
Romanian	m e r dz e		v e n i	e k s t i n d e
	ToLieAsInABed-lacere		ToSit-Sedentare	ToStand
Latin	j a - k e: r e	s - e d e: r e	s e d e n t a: r e	- s t a r e
French	3 e - z i r -	s w a r - r -		ε   -   t   -   <b>в</b>   -
Spanish	j   a   -   θ   e   r   -	s - e r -	s e - - n t a r -	e s t a r -
Italian	dg a - lf e: r e	s - e d e r e		- s t a r e
PortugueseBrazil	3 B - S B R -		$ \mathbf{s}   \mathbf{\tilde{e}}  -  - - \mathbf{t}   \mathbf{a}   \mathbf{r}  -$	$ \mathbf{i}  \int  \mathbf{t}  \mathbf{a}  \mathbf{r} $
Portuguese	3 e - z e r -	s  -  e  -  f  -	$ s \tilde{e} - - t a r -$	$ \mathbf{i}  \int  \mathbf{t}  \mathbf{a}  \mathbf{r} $
Catalan	3 a w r ə			ə s t a
Walloon	dz e r e -			ε   s   -   -   -
Friulian	j e - s i		s e n t a:	- s t a:
Romanian	z   ə   -   tf   ea   -   -	∫ - e d ea		-   s   t   a   -   -
	ToStand-Levare	ToStand-Altiare	ToTurnIntransitive	ToTurnIntransitive-
Latin	1	1		Gyrare
Latin	l e v a: r e	- a l t i a: r e	t o r n a: r e	g y r a: r e
French	1 ə v e	- o - s - e	t u	3 i R 6
Spanish	j e b a r -	- a 1 θ - a r -	t o r n a r -	x i r a r -
Italian	l e v a r e	- a 1 ts a r e -	t o r n a r e	dg i r a r e
PortugueseBrazil		- a 1 s - a	t о к и а к -	3 i r a r -
Portuguese	l i v a r -	- a ł s - a r -	t u r n a r -	3 i r a r -
Catalan Walloon	Λ	- ə 1 s - a	t u r n a	3   i   r   a   -   -
	1 ə v e	h o: - s - i:	t u: r n e	ф i r a:
Friulian Romanian	1 e v a: 1 - u a	$-  \mathbf{a}  1  \mathbf{t}  \int  - \mathbf{a}  -$	t o r n a:	
Nomaman	ToTurnIntransitive-	ToTurnIntransitive-	t u r n a ToFall	ToFall-Tumbare
	AncestralClass3	Torquere	TUFAII	TOFAIFTUITIDATE
Latin	, 11.00011 di Oldobo	t o r kwe: r e	k - a d e r e	
French	v i   r   e   -   -	t э к q - к -	$\int  \mathbf{m}  \mathbf{a} -  \mathbf{r}  \mathbf{R} -  \mathbf{r} $	t   õ   -   b   e   -
Spanish	b i r a r -	t o r $\theta$ e r	k - a - e r -	t u m b a r
Italian	v i r a r e	t o r tf e r e	k - a d e r e	
PortugueseBrazil		t u r s e r -	k - g - i r -	t   õ   -   b   а   в
Portuguese	3 i r a r -	t u r s e r	k - e - i r -	t õ - b a r
Catalan	b i r a	t a r s e r	k - a w - r ə	t u m b a -
Walloon	v i k e	-   -   -   -   -   -	tf - E: R -	t u m - e -
Friulian	dg i r a:		tf j a d e	-
Romanian	-J	t oa r tf e	k ə d ea	
i wiliaman		ι χαι y c	K & u ča	

	ToGive	ToGive-Donare	ToHold	ToHold-Segurar
Latin	d a r e	d o n a r e	t e n - e: r e	
French		d o n e	t   ə   n   -   i   ʁ   -	
Spanish	dar-	donar-	t e n - e r -	s e g u r a r
Italian	d a r e	d o n a r e	t e n - e r e	
PortugueseBrazil	q a r -	d o - a	t e r	s i g u r a r
Portuguese	dar-	du-ar-	t e r -	s i y u r a r
Catalan	d a r -	d u n a	t   ə   n   -   i   -   -	
Walloon		d i n e	t   i   n   -   i   -   -	
Friulian	d  a:   -   -		t i n j i	
Romanian	d a		ts i n - e	
	ToSqueeze	ToSqueeze-Serrere	ToSqueeze-Serare	ToSqueeze-
				Appectorare
Latin	e k s p r i m - e r	es e r r e r e	se-rare	appektora: re
French	e b κ ε - q - κ	-	s e - R e	1.
Spanish	e k s p r e m - i r	$-s \mid e \mid - \mid r \mid a \mid r \mid -$	$\theta \mid e \mid - \mid r \mid a \mid r \mid -$	a - p r e t a r
Italian	s p r ε m - e r		s e r r a r e	
PortugueseBrazil	i - \int p r  p m - e B		s i - в а г -	
Portuguese		-s ə - R a r -	s i - k a t -	
Catalan		s ə - r a	-   -   -   -   -	P   -     -     -     -     -       -
Walloon	o   o   p   1   o   m   o		$ \mathbf{s}   \mathbf{\epsilon}  -  \mathbf{r}   \mathbf{e}  -  \mathbf{r} $	
Friulian	e - s p r i m - i -			
Romanian	- s k - r e m e			
	ToSqueeze-Stringere	ToRub	ToRub-Exfricare	ToRub-Frictare
Latin	- s t r i n g e r e	f r i k a: r e		f r i k t a: r e
French	$ \mathbf{e}  -  \mathbf{f}  \mathbf{R}  \mathbf{g}  -  \mathbf{q}  -  \mathbf{R}  -$			f & o t e
Spanish	e s t r e n - i r -	f r e g a r -		f r o t a r
Italian	- s t r i n dz e r e	f r e g a r e		f r e t t a r e
PortugueseBrazil	$\partial \int \mathbf{r} \cdot r$		i f f i g a r	
Portuguese	$\partial \int t r \tilde{i} g \tilde{i} r$		i f f i y a r	
Catalan	ə s t r ε n ə	f r ə g a		
Walloon		f r oj		f   <b>B</b>   <b>O</b>   <b>t</b>   <b>e</b>   -   -   -
Friulian	$ s  t  r  \epsilon  n  g  i: - - - $	f r e - a		
Romanian	s t r i n d e	f r e k a		
	ToRub-Frictiare	ToWash	ToWipe	ToWipe-Extergere
Latin		l a w a: r e	t e r g e r e	ekstergere
French		1 a v e		
Spanish	f r i s a r	1 a β a r -		e - s t a r s i r -
İtalian		l a v a r e	t ε r dg e r e	
PortugueseBrazil		l e v a r -		
Portuguese		1 e v a r -		
Catalan	f r a s a -	Λ ə b a		
Walloon		1 a v e		
Friulian		1 a v a:		
Romanian		1 a		-   -   \int   t   e   r   dz   e   -   -

	ToWipe-Exsucare	ToWipe-Limpidare	ToPull	ToPull-Pulsare
Latin		l i m p i d a: r e	t i r a: r e	p u l s a: r e
French	e - s y i - j e		t i	p u - s e
Spanish	e n x - u g - a r -	1   i   m   p   j   -   a   r   -	t i r a r -	p u - x a r -
Italian	$a \int \int - u g - a r e$	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	t i r a r e	p u 1 s a r e
PortugueseBrazil		1   î   -   p   -   -   a   r   -	tf i r a	$\begin{vmatrix} \mathbf{r} \\ \mathbf{p} \end{vmatrix} \mathbf{u} - \begin{vmatrix} \mathbf{r} \\ \mathbf{a} \end{vmatrix} \mathbf{r} - \begin{vmatrix} \mathbf{r} \\ \mathbf{r} \end{vmatrix}$
Portuguese	$\tilde{e} - \int - u \gamma - a r -$		t i r a r -	pu- sar-
Catalan	$ \mathfrak{d}  -  \mathfrak{f}  -  \mathfrak{u}  \mathfrak{g}  \mathfrak{a}  -  \mathfrak{d} $		t i r a	
Walloon	-   -   s   -   u   -   w   e   -   -		t   i   r   e   -   -	p   u:   s   i:   -   -   -
Friulian	-   -   s   -   u   -   j   a:   -   -		t i r a:	p u 1 s a:
Romanian	u - s k - a			p u 1 s a
	ToPull-Trahere	ToPush	ToThrow	ToThrow-Lanceare
Latin	t r a h e r e	i m p i n g e r e	j a k t a: r e	l a n k e a: r e
French	t   r   -   -   e   r   -		3 ə - t e	$ 1 \tilde{\alpha} - s - e - -$
Spanish			- e - tf a r -	1   a   n   θ   -   a   r   -
Italian	t r a r - r e	impindzere	dgettare	lantfare-
PortugueseBrazil	t r a z e		g ej t a r	1   v -   s   -   a   -   -
Portuguese	t r e z e r -		g ej t a r	
Catalan	t r e w - r ə	ə m p ε n - ə	x i t a	λ ə n s - a
Walloon			dz ε t e	
Friulian	t   r   aj   -   -   -			1 a n tf a:
Romanian	t r a dz e	impinde		
	ToThrow-Eruncare	ToTie	ToTie-Aptare	ToSew
Latin	e:   -   r   u   n   k   a:   r   e	l i g a: r e	a p t a: r e	k   o:   n   -   s   u   e   r   e
French		1   i   -   e   -   -		k u - d в -
Spanish	a - r a n k a r -	l e g a r -	a - t a r -	k o s - e r -
Italian	a r r o n t a r e	l e g a r e		$ \mathbf{k} \mathbf{u}  -  \mathbf{f}  -  \mathbf{i} \mathbf{r} \mathbf{e}$
PortugueseBrazil			e - t a r -	
Portuguese			e - tar-	
Catalan		λ i γ a		
Walloon		1   o   j   i:   -   -		
Friulian		1 e - a:		
Romanian	a - r u ŋ k a	1 e g a		c oa s - e
	ToCount	ToCount-Enumerare	ToSay	ToSay-Exponere
Latin	k o m p u t a: r e	e: n u m e r a: r e	d i: k e r e	e k s p o n e r e
French	k õ t e	е n u m е в е	q i R -	
Spanish	k o n t a r -	e n u m e r a r -	d e θ i r -	
Italian	k o n t a r e	e n u m e r a r e	d i r e	-   -   s   p   o   r   -   r   e
PortugueseBrazil	k õ t a r -	e n u m e r a r -	d i z - e r	
Portuguese	k õ – – t a r –	e n u m e r a r -	d i z - e r	
Catalan	k u m t a	e n u m e r a	d i	
Walloon	k õ t e		q i: R -	
Friulian	k o n t a:		d i:	
Romanian		- n u m a r a	z i t e	-   -   s   p   u   n   e   -   -

	ToSing-AncestralClass	ToPlay-Ludere	ToPlay-Jiocare	ToFloat
Latin	k a n t a: r e	1 u: d e r e	j o - k a: r e	f l u k t u a r e
French	$\int  \tilde{\alpha}  -  t  e  - -$		3 - w - e	f 1 y k t y e
Spanish	kantar-		x u - g a r -	f l u g t w a r -
Italian	k a n t a r e		dgo-kare	f l u t t u a r e
PortugueseBrazil	k e - t a r -		3 о - дав -	f 1 u - t u a в -
Portuguese	k e - t a r -		$\begin{bmatrix} 3 & \mathbf{u} \\ 3 & \mathbf{u} \end{bmatrix} - \begin{bmatrix} 3 & \mathbf{u} \\ \mathbf{y} & \mathbf{a} \end{bmatrix} \mathbf{r} = \begin{bmatrix} 3 & \mathbf{u} \\ \mathbf{y} & \mathbf{a} \end{bmatrix} \mathbf{r}$	f l u - t u a r -
Catalan	k ə n t a		$\begin{vmatrix} 3 & u \\ 3 & u \end{vmatrix} - \begin{vmatrix} 3 & a \\ g & a \end{vmatrix} - \begin{vmatrix} -1 & -1 \end{vmatrix}$	f l u k t u a
Walloon	$\mathfrak{t} \circ \mathfrak{a} - \mathfrak{t} \circ \mathfrak{e} - \mathfrak{e}$		dy u w - e	
Friulian	c a n t a:		dy u j - a:	
Romanian	k i n t a		3 u - k a	f   1   u   c   t   u   a   -   -
Nomanian	ToFloat-Fluitare	ToFlow	ToFlow-Colare	ToFlow-Excurrere
Lotin	f l u i t a: r e	f l u e r e	k o: 1 a: r e	
Latin French	1   1   u   1   t   a:   1   e			e   k   s   k   u   r   r   e   r   e
		f 1 y e	k u l e	
Spanish	C 1	f l u i r -	k o l a r -	e - s k u r i r
Italian	f   l   u   i   t   a   r   e	f l u i r e	k o l a r e	- s k o r r e r e
PortugueseBrazil		f l w i в -	k о - а в -	i - 2 k o - R 6 R -
Portuguese		$f \mid 1 \mid w \mid i \mid r \mid -$	ku-ar-	$ i  -  \int  k   u  -  R   e   f  -  $
Catalan		f   1   u   i   -   -	k u 1 a	
Walloon			k   o   1   e   -   -	
Friulian				-   -   s   k   o   -   r   i:   -   -
Romanian				-   -   s   k   u   r   dz   e   -   -
	ToFlow-Currere	ToFreeze	ToFreeze-Glaciare	ToFreeze-Inglaciare
Latin	k u r r e r e	q e l a: r e	g 1 a - k i a: r e	i n g l a k i a: r e
French	k u -	3 ə 1 e	g 1 a - s - e	
Spanish	ko-rer-	- e l a r -	3	
Italian	k o r r e r e	dg e l a r e	$g \mid j \mid a \mid t \mid f \mid j \mid a \mid r \mid e$	
PortugueseBrazil	k o - к е к -	3 i 1 a r -	g   f   a   c   g   f   a   c	
Portuguese	k n - r e t -	$\begin{bmatrix} 3 & i & 1 & a & 1 \\ 3 & i & 1 & a & r \end{bmatrix}$		
Catalan	k o - r ə		g  1  a  -  s  -  a  -  a	
Walloon	K   O   -   I   Ə   -   -	3 9 1 a	9   1   9   -   5   -   a   -   -	
	1	dg   a   1   e   -   -		
Friulian	k o - r i		g   1   a   -   tf   -   a:   -   -	
Romanian	kurdze	· · · · · ·		i n g - e ts - a
	ToSwell	ToSwell-Inflare	ToSwell-Conflare	ToSwell-Intumescere
Latin	a g m e n t a: r e	i  n   f   1   a:   r   e	-   k   -   o   n   f   1   a:   r   e	i   n   t   u   m   e:   s   k   e   r   e
_	ŭ .			
French	o g m ã - t e	$ \tilde{\alpha}  -  f   1   e  -  -$	-  g  -  õ  -  f   1  e  -   -	
Spanish	a - m e n t a r -	$ \mathbf{i}  \mathbf{n}  \mathbf{f}  -  \mathbf{a}  \mathbf{f} $		$ e n t u m e \theta e r - $
	<u>u</u>			
Italian	amentare-	e n f i a r e	-   g   -   o   n   f   j   a   r   e	
	ŭ			
PortugueseBrazil	a g m e n t a r -	$ \tilde{\mathbf{i}}  -  \int  - \mathbf{a}  \mathbf{f} $		î   -   t   u   m   e   s   -   e   r   -
	ų į			
Portuguese	agmentar-	î   -   f   -   a   r   -		ĩ - t u m e s - e r
	ų –			
Catalan	â u g m e n t a -	i m f 1 a		
Walloon	O I I I I I I I I I I I I I I I I I I I	e - f 1 e	$-\left g\right -\left \tilde{o}\right -\left f\right \left l\right e\left -\right -$	
Friulian		e n f l a:	z g l o n f - a:	
Romanian		u m f l a	2   5   1   0   2   1	
Milaliali		u III I I a -		

	ToSwell-Crescere	ToBurn-Brojan	ToBurn-Cremare	ToBurn-Flammare
Latin	k r - e: s k e: r e	ĺ	k r e m a: r e	f l a m m a: r e
French	k	b   в   у   1   е   -   -	k	f   l   α   -   b   e   -   -
Spanish	k r - e 0 - e r -		k - e m a r -	f l a - m e a r
Italian	k r - e f f e r e	bruffare	k r e m a r e	f j a m m a r e
PortugueseBrazil	k t - 6 2 - 6 R -		k - ej m a r e	
Portuguese	$ \mathbf{k}  \mathbf{r} -  \mathbf{i}  \int  \mathbf{s}  \mathbf{e}  \mathbf{r}  -$		k - ej m a в e	
Catalan	k r - e - 5 ə		k r ə m a	f 1 a m a
Walloon		b в u: 1 e		
Friulian		b r u z a:		
Romanian	k   r   e   f   t   e   -   -   -			
	ToBurn-Ardere	ToBurn-Flagrare	ToBurn-Incendere	ToBurn-
		-		AncestralClass8
Latin	a r d e: r e	f l a g r a: r e	i n k e n d - e r e	u s t u l a: r e
French	a R q - R -	f 1 a g в е	$ \tilde{\epsilon}  -  s   \tilde{\alpha}  -  d   j   e  -  -$	
Spanish	a r d e r -	flagrar-	e n θ e n d - e r -	
Italian	a r d e r e	f l a g r a r e	$i n t \epsilon n d j a r e$	u s t o l a r e
PortugueseBrazil	а к q е к -	f 1 a g r a r -	ĩ - s e n tha r -	
Portuguese	e r d e r -	flagrar-	î - s ê - d j a r -	
Catalan			ə n s e n d r ə	
Walloon				
Friulian				
Romanian	a r d e		i n t i n d z e	u   s   t   u   r   a   -   -
	All	All-Totus	Many	Many-Tantus
Latin	o m n e: s	t or - t u s	m u l t u s	t a n t u s
French		t   u   -   -   -   -	m u	
Spanish		t o - d o -	m u - tf o -	tanto-
Italian	o   n   n   i   -	t u t t o -	m o 1 t o -	t a n t o -
PortugueseBrazil		t   o   -   d   u   -	$\mathbf{m}   \mathbf{\tilde{u}}   \mathbf{\tilde{\jmath}}   -   \mathbf{t}   \mathbf{u}$	$  t   \tilde{e}   -   t   u   -$
Portuguese		$  t   o   -   \delta   u   -$	$\mathbf{m}   \mathbf{\tilde{u}}   \mathbf{\tilde{j}}   -   \mathbf{t}   \mathbf{u}$	$ t \tilde{e}-t u $
Catalan		t   o   -   t   -   -	m o 1	t a n t
Walloon		t   o   -   -   -		
Friulian		d   u   -   t   -   -	m o 1 c	t a n c
Romanian		t   o   -   t   -   -	m u 1 t	
	Some	Few	Other	Other-Alius
Latin		p a k u s	a 1 t e r -	a l i u s
		u u		
	o - k @	p ø	o - t - r -	
Spanish	a l g u n o	poko-	o - t - r o	
Italian	a l k u n o	p 3 k 0 -	a 1 t - r o	
PortugueseBrazil		p o w k u	o w t - r u	a   w   -   -   -   -   a   1   -   -   -   -   -   -   -   -   -
Portuguese	$ \mathbf{a}  1  \mathbf{g}  \mathbf{\tilde{u}}   -   -$	p o w k u	owt-ru	a   <del>1</del>   -   -   -
J				
Catalan	ə 1 g u	p 3 k	a 1 t - r ə	
		p 3 k	a 1 t - r ə o	
Catalan				

	Big	Big-Grandem	Big-Majjorem	Long-Longum
Latin	m a g n u s	g r a n d e m	m aj j o: r e m	1 o - n g u s
French		g r g		1   3   -   -   -   -   -
Spanish	ma-no-	g r a n d e -		1 o - n g o -
Italian	та п п о -	g r a n d e -		1   u -   n   g   o   -
PortugueseBrazil		grë-dii-		1   õ   -   g   u   -   -
Portuguese		$ g  r  \tilde{e}  -  d  i -$		1   <b>o</b>   -   <b>g</b>   <b>u</b>   -   -
Catalan		g r a n		K o - ŋ
Walloon		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		1   õ   -   -   -   -
Friulian		g r a n t		1 u n k
Romanian			mare	1 u n g
	Long-Largum	Wide	Wide-Amplum	Thick
Latin	l a r g u s	l a: t u s	a m p l u s	k r a s s u s
French	1 а в 3	1 e	$ \tilde{a}  -  p   1  -  -$	g R a
Spanish	1 a r y o -	1 a t o -	a n tf - o -	g r a - s o -
Italian	1 a r g o -	1 a t o -	ampjo-	g r a s s o -
PortugueseBrazil		1 a t u -	$\tilde{e} - \int_{a} -  u  -$	
Portuguese	largu-	1   a   t   u   -	$ \tilde{e}  -  \int  - u  -$	g r a - 5 u -
Catalan	<b>Λ</b>   <b>a</b>   <b>r</b>   <b>k</b>   -   -		a m p 1 ə -	g  r  a  -  s  -  -
Walloon				
Friulian	1 a r k			g r a s
Romanian	1 a r g	1 a t	TI: 1 0	g r a s
L - the	Thick-Spissum	Thick-Gurdum	Thick-Grossum	Heavy
Latin	- s p i s s u s	g u r d u s	g r o - s s u s	g r a w i s
French	e - p e	1   1	g   r   o   -   -   -   -	$g \mid R \mid i \mid j \mid \epsilon \mid f \mid - \mid - \mid$
Spanish Italian	e s p e s o	g o r d o -		g r a b e -
PortugueseBrazil	- s p e s s o -		g r o - s s o -	g r ε v e -
Portuguese			g r o - s u g r o - s u	g r a v i - g r a v i -
Catalan	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		g r o - s u g r o - s	
Walloon	$\begin{vmatrix} \mathbf{s} & \mathbf{p} & \mathbf{\epsilon} \\ - & \mathbf{s} & \mathbf{p} & \mathbf{\epsilon} \end{vmatrix} = \begin{vmatrix} \mathbf{s} & - \\ - & - \end{vmatrix} = \begin{vmatrix} - & - \\ - & - \end{vmatrix} = \begin{vmatrix} - & - \\ - & - \end{vmatrix}$		9 1 3 - 5	
Friulian			$g \mid r \mid w \mid \varepsilon \mid s \mid - \mid - \mid - \mid$	g r a v g r ε v i -
Romanian			g r o - s	g r e w
rtorriarriarr	Heavy-Lurdus	Heavy-Pesant	Small	Small-Pittinus
Latin	l u r d u s	p e: s a n t -	p i t t i t u s	p i t t i n u s
French	1 u r	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{vmatrix} \mathbf{r} \\ \mathbf{p} \end{vmatrix} = \begin{vmatrix} \mathbf{r} \\ \mathbf{t} \end{vmatrix} = \begin{vmatrix} \mathbf{r} \\ \mathbf{i} \end{vmatrix} = \begin{vmatrix} \mathbf{r} \\ \mathbf{r} \end{vmatrix}$	
Spanish	1 e r d o -	p e s a - ð o		p e - k e n o -
Italian	1 o r d o -	p e s a n t e		p i t t i n o -
PortugueseBrazil	1 e r d o -	p e z a - d u		p e - k e n u -
Portuguese	1 e r d o -	p i z a - ð u		p i - k e n u -
Catalan		p   ə   z   a   -   t   -	$ \begin{vmatrix} p & \mathbf{a} & \mathbf{t} & \mathbf{i} & \mathbf{t} & - & - & - \\ p & \mathbf{i} & - & \mathbf{t} & \mathbf{i} & - & - & - \end{vmatrix} $	
Walloon			p   i   -   t   i   -   -   -	
Friulian		$p \mid e \mid z \mid a \mid n \mid t \mid -$		
Romanian				p   u   -   ts   i   n   -   -

	Small-Pitulus	Short	Short-Brevis	Narrow
Latin	p i - t u 1 u s	k u r t u s	b r e w i s	a n g u s t u s
French		k u в	p κ ε t	
Spanish		korto-	brebe-	a n g o s t o -
Italian	p i k k o 1 o -	k o r t o -	b r ε v e -	a n g u s t o -
PortugueseBrazil	P   -   -   -   -   -   -   -	ku k tu -	b r ε v i -	<del>G</del>
Portuguese		kurtu-	b r ε v i -	
Catalan		k u r t	b r e w	
Walloon		k u: k	р к е ф	
Friulian	p   i   -   tf   u   1   -   -	k u r t		
Romanian	P   1     9   W   1	K W I V V		i   n   g   u   s   t   -   -
T COTTIGHTICHT	Narrow-Strictus	Thin	Thin-Delicatus	Thin-Subtilis
Latin		sm i n u: - t u s	d e: 1 i k a: t u s	s u b t i: 1 e m
French	е - t в w а	m ə n y	d u: 3 e:	
Spanish		m e n u - d o -	d e 1 - y a ð o -	s   u   -   t   i   1   -   -
Italian		m i n u - t o -	delikato-	s o t t i l e -
PortugueseBrazil		m i - u - d u -	d e w - g a d u -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Portuguese		m i - u - ð u -	d ε ł - y a ŏ u -	$\begin{vmatrix} \mathbf{s} & \mathbf{u} & \mathbf{g} & \mathbf{i} & \mathbf{w} \\ \mathbf{s} & \mathbf{u} & \mathbf{f} & \mathbf{i} & \mathbf{w} \end{vmatrix} = -$
Catalan	ə s t r - ε t -	m ə n u - t	dəlikat-	s u p t i 1
Walloon	- s t R - Ø:	m i n u		s u: - t i
Friulian	- s t r - ε t -	m i n u: - t		s u - t i: 1
Romanian	- s t r - <del>i</del> m - t -	mərunt -		s u b ts i r e -
	Warm	Cold	Full	New
Latin	k a l i d u m	f r i: g i d u m	p l e: n u m	n o w u m
French				
	<b>                                    </b>	f   <b>k</b>   <b>w</b>   <b>a</b>   -   -   -   -	p   1   ẽ   -   -   -	n u v o -
Spanish	$ \int \begin{array}{c ccccccccccccccccccccccccccccccccccc$	f r i o	$egin{array}{c c c c c c c c c c c c c c c c c c c $	
			λ e n o	n u v o - n w e β o n w σ: v o
Spanish Italian	k a 1 i ð o - k a 1 d o	f r i o	λ e n o p j ε: n o -	n w e β o n w σ: v o
Spanish	k a l i ð o - k a l d o - k ẽ t i	f r i o f r e d: o	λ e n o p j ε: n o -	n w e β o
Spanish Italian PortugueseBrazil	k a 1 i ð o - k a 1 d o	f r i o f r e d: o f r i u	Λ   e   n   o   -   -   p   j   ε: n   o   -   ∫   εj   u   -   -   -	n w e β o n w σ: v o n o v u -
Spanish Italian PortugueseBrazil Portuguese	k a l i ð o - k a l d o - k ẽ t i	f r i o f r e d: o	Λ e n o p j ε: n o - ∫ εj u ∫ εj u	n w e β o n w σ: v o n o v u - n o v u -
Spanish Italian PortugueseBrazil Portuguese Catalan	k a l i ð o - k a l d o - k ẽ t i	f r i o f r e d: o	Λ e n o p j ε: n o - ∫ εj u p ł ε	n w e β o n w σ: v o n o v u - n o v u - n σ w -
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	k a l i ð o - k a l d o - k ẽ t i	f r i o f r e d: o	Λ e n o p j ε: n o - ∫ εj u p ł ε p l ẽ	n w e β o n w σ: v o n o v u - n o v u - n σ w n σ v ε -
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	k a l i ð o - k a l d o - k ẽ t i k ẽ t i	f r i o	Λ e n o p j ε: n o - ∫ εj u p ł ε p l ε η p l ι η Bad	n w e β o n w σ: v o n o v u - n o v u - n σ w n σ w ε - η u: f n σ w
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	k a l i ð o -	f r i o	Λ e n o p j ε: n o - ∫ εj u p ł ε p l ẽ p l ι η p l i n	n w e β o n w σ: v o n o v u - n o v u - n σ w - n σ v ε - n u: f - n σ w -  Rotten p u t r i d u m
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	k a l i ð o -	f r i o	Λ e n o p j ε: n o - ∫ εj u p ł ε p l ε η p l ε η p l i n  Bad  m a ł u m m o v e	n w e β o n w σ: v o n o v u - n o v u - n σ w n σ w n σ w  Rotten  p u t r i d u m p u r i
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish	k a l i ð o -     k a l d o -   -	f r i o	Λ e n o p j ε: n o - f ej u p ł ε p l ε η p l ε η p l i n  Bad  m a ł u m m o v e m a l o	n w e β o n w σ: v o n o v u - n o v u - n σ w n σ v ε - n u: f n o w  Rotten  p u t r i d u m p u r i p o δ r i δ o -
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian	k a l i δ o -     k a l d o -   -	f r i o	Λ e n o p j ε: n o - ∫ εj u p ł ε p l ε η p l ε η p l i n  Bad  m a ł u m m o v e	n w e β o n w σ: v o n o v u - n o v u - n σ v ε - n u: f - n o w -  Rotten  p u t r i d u m p u r i p o ŏ r i ŏ o - m a r t o
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil	R   A   I   I   I   I   I   I   I   I   I	f r i o	Λ e n o p j ε: n o - f ej u p ł ε p l ε η p l ε η p l i n  Bad  m a ł u m m o v e m a l o	n w e β o n w σ: v o n o v u - n o v u - n σ v ε - n σ w  π σ w  Rotten  p u t r i d u m p u r i p o ð r i ð o - p o d r i p o d r i
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese	k a l i i δ o -	f r i o	Λ e n o p j ε: n o - ∫ εj u p ł ε p l ε η p l ε η p l ι n  Bad  m a ł u m m a l o k a t t i: v o m a w m a w	n w e β o n w σ: v o n o v u - n o v u - n σ w - n σ v ε - n u: f - n o w -  Rotten  p u t r i d u m p u r i p o ð r i ð o - p o d r i p o d r i p o d r i
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	K a l i i δ o -	f r i o	Λ e n o p j ε: n o - ∫ εj u p ł ε p l ε η p l ε η p l ι n  Bad  m a ł u m m o v e m a l o k a t t i: v o m a w	n w e β o n w σ: v o n o v u - n o v u - n σ w - n σ v ε - n u: f n σ w -  Rotten  p u t r i d u m p u r i p o ð r i ð o - m a r tf o p o d r i p o d r i p u ð r i t p u ð r i t p u ð r i t
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	K a l i i δ o -	f r i o	Λ e n o         p j ε: n o -         ∫ εj u         p ł ε         p l ε η         p l i n         Bad         m a ł u m         m o v e         m a t i: v o         m a w         m a w         m o:	n w e β o n w σ: v o n o v u - n o v u - n o v ε - n u: f n o w  Rotten  p u t r i d u m p u r i p o d r i p o d r i p u d r i p u d r i p u d r i p u d r i p u d r i p u d r i p u d r i
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	K   a   l   i   δ   o   -	f r i o	Λ e n o p j ε: n o - f ej u p ł ε p l ε η p l ε η p l i n  Bad  m a ł u m m a l o k a t t i: v o m a w m a ł	n w e β o n w σ: v o n o v u - n o v u - n σ w - n σ v ε - n u: f n σ w -  Rotten  p u t r i d u m p u r i p o ð r i ð o - m a r tf o p o d r i p o d r i p u ð r i t p u ð r i t p u ð r i t

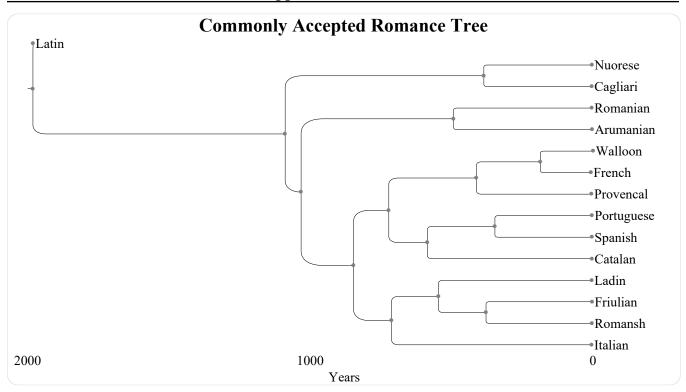
	Dirty	Straight	Round	SharpAsAKnife
Latin	s o r d i d u s	r e: k t u m -	r o t u n d u m	a k u: t u m
French	s a 1	d   s   w   a   -   -   -	R Q	t в ã Л ã
Spanish	s u θ j o	r e k t o	r e ð o n d o -	a y u ð o
Italian	s p o r k o	d r i t: o	t o n d o	a f f i l a: t o
PortugueseBrazil		direjtu-	в i d õ d u	e f i a d u
Portuguese	s u 3 u	d i r e k t u	в i d õ d u	e f i a d u
Catalan	b r u t	r ε k t ə	r u ð o	ə f i l a t
Walloon	m o: s i:	d r ø:	r ő	k u a h ã
Friulian	s p o r k	d   r   ε   t   -   -   -	t a r o n t	u t a: t
Romanian	murdar-	d r e p t	r o t u n d	a s k u t s i t
	DullAsAKnife	Smooth	Wet	Dry
Latin	h e b e s	s u a: w ẽ	u: m i d u m -	s i k k u s
French	e m u s e	1 i s	m u j e	s ε - k
Spanish	s i n f i 1 o -	1 i s o -	m o x a ð o -	s e - k o -
Italian	z m u s s a: t o	1 i ∫ ∫ o	b a n n a: t o	s e k k o -
PortugueseBrazil		1 i z u -	u m i d u	s e - k u -
Portuguese	s e y u	1 i z u -	umiðu	s e - k u -
Catalan		λ i s	m u k a t	s ε k
Walloon		1 i s	m u j i:	s ε tf
Friulian		s 1 i s -	b a n a: t	s ε - k
Romanian		n e t e d	u d	s e k
	Correct	Near	Far	Right-Dextrem
Latin	k o r r e: k t u m	propinkwum	ł o ŋ g u m -	d - e k s t r u m
French		р в е	1 w ē	
Spanish		$\mid \theta \mid e \mid r \mid k \mid a \mid - \mid - \mid - \mid - \mid$	1 e x o s	d   j   e   -   s   t   r   o   -
Italian	k o r r e t t o -	v i t i: n o	l o n t a n o	$ d  -  \epsilon  -  s  t  r  o -$
PortugueseBrazil		р e в t u	1   õ   ʒ   i   -   -   -	$ d  -  \epsilon  -  s  t  r  u -$
Portuguese		p e r t u	1 o 3 i	$ d  -  \epsilon  -  \int  t  r  u  -$
Catalan		ə p r ə p	К u n	d  -  e  -  s  t  r    -  s
Walloon		p   r   ε   -   -   -   -   -	1   õ   -   -   -   -	
Friulian		$d \mid \mathfrak{o} \mid \mathfrak{g} \mid \mathfrak{g} \mid \epsilon \mid - \mid - \mid - \mid - \mid$	1 o n t a ŋ -	
Romanian		a proape	d e p a r t e	
	Right-Directus	Left	Red	Red-Vermiculus
Latin	d i: r - e: k t u s	ł a ę w u m	r u s s u s	v e r m i k u l u s
French	q - r m a - t	g o f	в u	$oxed{v} egin{array}{ c c c c c c c c c c c c c c c c c c c$
Spanish	d e r - e - tf o -	i θ k j e r ð a	r o - x o -	b e r m e x o
Italian	$d \epsilon s t r a$	s i n i s t r o	r o s s o -	$egin{array}{ c c c c c c c c c c c c c c c c c c c$
PortugueseBrazil	-	i skerðe-	$\mathbf{R} \mid \mathbf{O} \mid - \mid \overset{\circ}{\mathbf{I}} \mid \Omega \mid -$	v e r m e 1 u -
Portuguese	d i r - ej - t e -	i skerðe-	в o - 2 п -	v i r m ej k u -
Catalan	d r ε t	ə s k ε r ə	r o - s	$ b   a  r  m   \epsilon  -  A  -  a $
Walloon	d r ø: t	g o:		
Friulian	d   r   ε   t   -   -   -   -	tf a n p	r   o   -   s   -   -	
Damanis	1		C	
Romanian	d r e p t	s t i ŋ g	r o -   f   u   -	

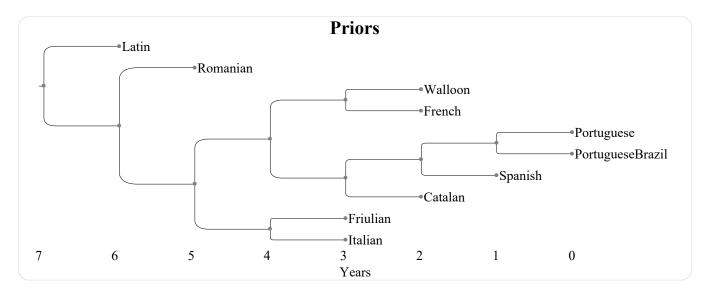
	Red-Rubeus	Green	Yellow	Yellow-Amarellus
Latin	r u - b e u s	w i r i d e m	g a 1 b i n u s	amarellus
French	в и - з	v   e   r   -   -   -	3 o n	
Spanish	r u - b j o -	b e r - d e -		amari-jo-
Italian	r o b b j o -	v e r - d e -		
PortugueseBrazil		verldi-		emare-lu-
Portuguese	r u - b e o -	verldi-		e m e r ε - 1 u -
Catalan	r u - dz e	$ \mathbf{v}  \mathbf{\varepsilon}  \mathbf{r}  -  \mathbf{t}  -  \mathbf{r} $		
Walloon	r   o   -   tf   -   -   -	V ε κ	dg   ε   -   -   n   -   -	
Friulian		v   ε   r   -   t   -   -		
Romanian	r  oj   -   b   -   -   -	v e r - d e -	g a 1 b e n	
	Yellow-Croceus	White	Black	Black-Pretto
Latin	k r o k e u s	a l b u s	n - i g r u m	
French			n w a - r	
Spanish		a 1 b o -	n e y r o	prjeto
Italian	k r offeo-	a 1 b o -	n e g r o	
PortugueseBrazil		a w v u -	n e g r u	pr-etu
Portuguese		a 1 v u -	n e g r u	pr-etu
Catalan	g r s k	a 1 b	$n \mid \varepsilon \mid \gamma \mid r \mid \vartheta \mid - \mid -$	
Walloon			n   Ø:   -   R   -   -   -	
Friulian			n e - r i	
Romanian		a 1 b	n e g r u	
	_	T D	T D	F D
	One	Two-Duos	Two-Duae	Two-Duas
Latin	u: n u m	d u o: s	d u - aj	d u a s
French		d u o: s d - ø -		
French Spanish	u: n u m oe u n o -	d u o: s	d u - aj	
French Spanish Italian	u: n u m oe u n o - u n o -	$ \begin{vmatrix} d & u & o : & s \\ d & - & \emptyset & - \\ d & - & o & s \end{vmatrix} $		d u a s
French Spanish Italian PortugueseBrazil	u: n   u   m	d u o: s d - ø - d - o s	d u - aj	d u a s
French Spanish Italian PortugueseBrazil Portuguese	u: n   u   m	d u o: s d - ø - d - oj s d - oj ∫	d u - aj	d u a s
French Spanish Italian PortugueseBrazil Portuguese Catalan	u: n   u   m	d u o: s d - ø - d - oj s d - oj ∫ d - o s	d u - aj	d u a s
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	u: n   u   m	d u o: s d - ø - d - oj s d - oj ∫ d - o s d - o s	d u - aj	d u a s
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	u: n   u   m	d u o: s d - ø - d - oj s d - oj ∫ d - o s d - ø: - d - oj -	d   u   -   aj   d   u   -   e	d u a s
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	u: n   u   m	d u o: s d - ø - d - oj s d - oj ∫ d - o s d - ø: - d - oj - d - oj -	$\begin{vmatrix} d & u & -aj \end{vmatrix}$ $\begin{vmatrix} d & u & -e \end{vmatrix}$	d u e s d u e ∫
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	u	d u o: s d - ø - d - o s  d - oj s d - oj ∫ d - o s d - ø: - d - oj - d - oj -	d   u   -   aj     d   u   -   e     d   o   w   ə     Five	d u e s d u e ∫
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	u: n u m   ce	d u o: s d - ø - d - oj s d - oj ∫ d - oj ∫ d - o s d - ø: - d - oj - d - oj - Tour	$\begin{array}{c c c} d & u & - & aj \\ \hline d & u & - & e \\ \hline \\ \hline d & o & w & a \\ \hline \\ \hline Five \\ \hline k^w & i: & n & k^w & - & e \\ \hline \end{array}$	d u e s d u e f  Here - e k k u m h i: k
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	u: n u m   ce	d u o: s d - ø - d - o s  d - o s  d - o s  d - o s  d - o s d - o s d - o s d - ø: - d - o j - d - o j -  b - o s c	d   u   -   aj     d   u   -   e       e	d u e s d u e s d u e ∫  Here - e k k u m h i: k i s i -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish	u	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	d   u   -   aj     d   u   -   e     e	d u e s d u e s d u e ∫  Here - e k k u m h i: k i s i a - k i -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian	u: n u m   m   m   m   m   m   m   m   m   m	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	d   u   -   aj     d   u   -   e     e	d u e s d u e s d u e ∫  Here - e k k u m h i: k i s i a - k i k w i -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil	u: n u m   m   m   m   m   m   m   m   m   m	d u o: s d - ø - d - oj s d - oj ∫ d - o s d - ø: - d - oj - d - oj - k - a t t w o r - k - a - t r o k w a t t r o k w a - t r o	d   u   -   aj  d   u   -   e  d   o   w   θ  Five  kw i: n kw -   e s ẽ -   k -   -   θ i n k -   o ff i η k w e s ĩ -   k -   u	d u e s d u e s d u e ∫  Here - e k k u m h i: k i - s - i a - k i a - k i a - k i -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese	u: n u m   e	d u o: s d - ø - d - o s  d - o s  d - o s  d - o s  d - o s d - o s d - o s d - o - d - o - d - o - d - o - d - o - d - o - d - o - d - o - d - o - d - o - c -	d   u   -   aj     d   u   -   e     e	d u e s d u e s d u e ∫  Here - e k k u m h i: k i - s i a - k i a - k i a - k i a - k i a - k i -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	u: n u m   ce	d u o: s d - ø - d - o s  d - o s  d - o s  d - o s  d - o s  d - o s  d - o s  d - o s  d - o s  d - o s  d - o s  d - o s  d - o s  d - o s  c - d - o s  e d - o s  d - o s  e d - o s  d - o s  e d - o s  d - o s  e d - o s	d   u   -   aj  d   u   -   e  d   v   e  Five  k <sup>w</sup> i: n k <sup>w</sup> -   e s ẽ -   k   -   -   θ i n k   -   o tf i n k   w   e s ĩ -   k   -   u s ĩ -   k   -   u s i n k   -   -	d u e s d u e s d u e ∫  Here - e k k u m h i: k i s i a - k i a - k w - i a - k i -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	u: n u m   ce	d u o: s d - ø - d - o j s d - o j s d - o j f d - o s d - ø: - d - o j - d - o j - d - o j - k - a t t w o r - k - a - t r o k w a - t r o k w a - t r u k w a - t r u k w a - t r u k w a - t r u k w a - t r u k w a - t r u k w a - t r u	d   u   -   aj     d   u   -   e     e	d u e s d u e f  Here  - e k k u m h i: k i s i a - k i a - k i e - k w i a - k i a - k i a - k i -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	u: n u m   ce	d u o: s d - ø - d - o s  d - o s  d - o s  d - o s  d - o s  d - o s  d - o s  d - o s  d - o s  d - o s  d - o s  d - o s  d - o s  d - o s  c - d - o s  e d - o s  d - o s  e d - o s  d - o s  e d - o s  d - o s  e d - o s	d   u   -   aj  d   u   -   e  d   v   e  Five  k <sup>w</sup> i: n k <sup>w</sup> -   e s ẽ -   k   -   -   θ i n k   -   o tf i n k   w   e s ĩ -   k   -   u s ĩ -   k   -   u s i n k   -   -	d u e s d u e s d u e ∫  Here - e k k u m h i: k i - s i a - k i a - k i a - k i a - k i a - k i -

	There	There-Ibi	There-Adlbi	Who-Qui
Latin	i 1 1 a: k	i b i:		k <sup>w</sup> - i s
French	-   -   1   a   -			k - i -
Spanish	a - j a -		a i	
Italian	-   -   1   a   -	$-  \mathbf{v}  \mathbf{i}$		
PortugueseBrazil	-   -   1   a   -		a i	
Portuguese	-   -   1   a   -		i s	
Catalan	ə - K a -			k - i -
Walloon	-   -   1   a   -			k - i: -
Friulian				k w i -
Romanian	-   -   1   a   -			
	Who-Quem	What	Where-Ubi	Where-Unde
Latin	$ \mathbf{k}^{\mathbf{w}}  -  \mathbf{e}  \mathbf{m} $ -	k <sup>w</sup> - i d	-   u   b   i	u n d e
French		k w a -	-   u   -   -	
Spanish	k j e n -	k - e -		o n d e
Italian		k - e -	-   o   v   e	o n d e
PortugueseBrazil Portuguese	k - ej	k - i -		õ - dz i
Portuguese	k -   ej   -   -	k - i -	-   u   -   -	õ – d i
Catalan		k - ε -		o n
Walloon		k w ε: -		
Friulian		tf   -   e   -		
Romanian	tf - i n e	tf - e -	j  u   -   o	u n d e
	Where-DeUnde	When-Quando	How-Quomodo	Not
Latin	d e u n d e	kw - a n d o:	k <sup>w</sup> o: m o d o	n o: n
French	d   -   3   -   -   -		k 3 m ã	$ \mathbf{n}  \mathbf{\tilde{o}}  $ -
Spanish	d - o n d e	k w a n d o	k o m o	n o -
Italian		k w a n d o	k o m e	n o n
PortugueseBrazil		k w ē - d u	k o m u	n e -
				$ \tilde{\mathrm{w}} $
Portuguese		$ \mathbf{k}  \mathbf{w}   \tilde{\mathbf{e}}   -  \mathbf{d}  \mathbf{u}$	k o m u	n $\tilde{\mathfrak{e}}$ -
				$\widetilde{\mathbf{w}}$
Catalan		k w a n	k   o   m   -   -   -	n o -
Walloon		k w a n d -	$k \mid \mathfrak{d} \mid m \mid \tilde{\epsilon} \mid - \mid - \mid$	
Friulian		k w a n t -	tf e m u: t -	n o -
Romanian		k - i n d -	k u m	n u -
	Not-Nec	At	In-In	In-Deintus
Latin	n e k	a d	i n	d e i n t u s
French	n i -	a -		$\left  \mathbf{d} \left  \mathbf{\tilde{a}} \right  - \left  - \right  - \right  - \right $
Spanish	n i -	a -	e n	
Italian	n e -	a -	i n	
PortugueseBrazil	n ej -	a -	ej -	
Portuguese	n ej -	<b>g</b> -	êj -	
Catalan	n i -	a -	ə n	d i - n - s
Walloon	n e -			
Friulian				
Romanian			i n	

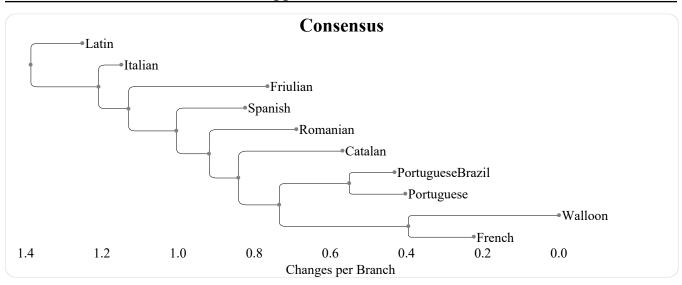
	With-Cum	With-Abhoc	And-Et	And-Si
Latin	k u m	a b h o c	e t	s i: k
French		a v - e k	e -	
Spanish	k o n		i -	
Italian	k o n		e -	
PortugueseBrazil	k ő -		i -	
Portuguese	k ő –		i -	
Catalan			i -	
Walloon		a   v   -   u   -	ε -	
Friulian			e -	
Romanian	k u -		e -	$\left  \int \left  \mathbf{i} \right  - \right $
	If	Because-Quod	Because-Proquid	
Latin	s i:	k <sup>w</sup> o d	p r o k <sup>w</sup> i d	
French	s i	k ə -	равѕкэ	
Spanish	s i	k e -	porke-	
Italian	s e	k e -	p e r k e -	
PortugueseBrazil	s i	k i -	purke-	
Portuguese	s i	k i -	purki-	
Catalan	s i	k ə -	$p \mid \mathfrak{d} \mid r \mid k \mid \varepsilon \mid$	
Walloon		k i: -		
Friulian		k e -		
Romanian	s ə	k ə -		

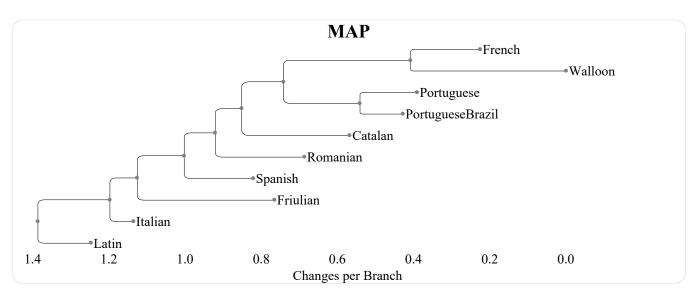
Appendix 4 - Results





#### Appendix 4 - Results





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