## **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"

 $1 \quad \textbf{O} \text{ and } \textbf{U}$ 

u ø:

2 Nasal Vowel

 $\tilde{e}\tilde{j}$   $\tilde{o}$   $\tilde{u}$   $\tilde{v}$   $\tilde{e}\tilde{j}$   $\tilde{o}$   $\tilde{e}$   $\overline{\tilde{v}}$   $\tilde{w}$   $\tilde{e}$   $\tilde{o}$ :  $\tilde{a}$   $\tilde{e}$ :  $\tilde{e}$ u  $\tilde{u}$   $\tilde{o}$ 

3 Vowel

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

4 Nasal Consonant

nmnŋĵ

5 Non Sylabic Sonorant

wjlr

6 Consonant

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

	1	We	YouPlural	YouSingular
Latin	- e g o:	n or - s -	wor - s	t u:
French	3 9	n u	v   u   -   -	t y
Spanish	j o	n o - s -	b o - s	t u
Italian	i o	n o: i	v o: i -	t u
PortugueseBrazil	-   e   -   w	n o j - s	$ \mathbf{v}   \mathbf{o}   \mathbf{j}   \mathbf{s} $	t u
Portuguese	-   e   -   w	$ \mathbf{n}  \mathfrak{d} -  \mathbf{f} $	$ \mathbf{v}   \mathbf{o}  -  \mathbf{f} $	t u
Catalan	3 5		b   u   -   s	t u
Walloon	dg I	n o	v o - s	t y
Friulian	j   -   -   o	n o:	v oi	t u
Romanian	j e - w	n   oj   -   -	v   oj   -   -	t u
	YouSingular- VostramMercedem	Woman	Woman-Mulier	Woman-Domina
Latin	vostramiviercedem	f e: - m i - n - a	m u 1 i e r e m	d o m i n a
French		f a - m	m u i i c i c m	d a m
Spanish	- u s t e d	- e - m - b r - a	$ \mathbf{m} \mathbf{u} \mathbf{x}  -  \mathbf{e} \mathbf{r}  -  \mathbf{r} $	d o n a
Italian		f e m m i - n - a	тоббе	d o n - n a
PortugueseBrazil	v o s - e -	f e - m e e	m и ү - 6 к	d o n e
Portuguese	v o s - e -	f e - m j e	m u $\Lambda$ - e $\Gamma$	d o n e
Catalan	v o s t e -	fe-m-br-a	m u K - e	d o n o
Walloon		f œ - m		d œ m -   -   -
Friulian		$f \mid \epsilon \mid - \mid m \mid i \mid - \mid n \mid - \mid \epsilon$	m u i: r	d o n e
Romanian		f e - m e j e	m u - j e r e -	d oam - n ə
Communici		i c iii c j c	mu j c i c	u yam m ə
Tomaman				
	ManHumanBeing	ManHumanBeing- Homo	Child	Child-Ninnus
Latin	ManHumanBeing  h o m i - n e m	ManHumanBeing- Homo h o m o:	Child i n f a n t e m	
Latin French	h o m i - n e m	ManHumanBeing- Homo	Child $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Child-Ninnus
Latin French Spanish	h o m i - n e m	ManHumanBeing- Homo h - o m o: 5	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Child-Ninnus
Latin French Spanish Italian	h o m i - n e m - o m o m - b r e	ManHumanBeing- Homo h o m o:	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Child-Ninnus  n i p o n i n o
Latin French Spanish Italian PortugueseBrazil	h   o   m   i   -   n   e   m   -   -   -   -   -   -     o   m   e   f   f   e   -   -   -   -   -   -   -   -   -	ManHumanBeing- Homo h - o m o: 5	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus  n i n o n i n o n e n e ñ
Latin French Spanish Italian PortugueseBrazil Portuguese	h o m i - n e m - ɔ m o m e j ɔ m e j	ManHumanBeing- Homo h - o m o: 5	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Child-Ninnus  n i p o n i n o n e n e n e n e n e n e n e n e n e n e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	h o m i - n e m - o m o m e j o m e j o m e j o m o m o o	ManHumanBeing- Homo h - o m o: 5	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Child-Ninnus  n i n o n i n o n e n e ñ
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	h   o m   i   - n   e m   - o m	ManHumanBeing- Homo h - o m o: 5	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus  n i p o n i n o n e n e n e n e n e n e n e n e n e n e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	h   o   m   i   -   n   e   m   -   -   -   -   -   -   -     -	ManHumanBeing- Homo h - o m o: 5	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Child-Ninnus  n i p o n i n o n e n e n e n e n e n e n e n e n e n e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	h   o   m   i   -   n   e   m   -   -   -   -   -   -   -     -	ManHumanBeing- Homo  h - o m o: ɔ	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Child-Ninnus  n i n o n i n o n e n e n e n e n e n e n e n e n e n e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	h   o   m   i   -   n   e   m   -   -   -   -   -   -   -     -	ManHumanBeing- Homo  h - o m o: - o - o m o: - w o m o  Wife-Mulier	Child $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Child-Ninnus  n i p o n i n o n e n e n e i n e n e n e i n e n e n e i n e n e n e i
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	h o m i - n e m - o m - b r e o m ej o m ej o m ej o m o m ej o m o m o o m o m o m o m o m o m o m o m o m o m	ManHumanBeing- Homo  h - o m o: ɔ	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Child-Ninnus  n i p o n i n o n e n e n e i n e n e n e i n e n e n e n e i n e n e n e n e n e n e n e n e n e n e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	h o m i - n e m - o m - b r e  o m ej o m ej o m ej o m o m o o m o m o o m o m o o m o m o o m o m o o n s a e - p u - z -	ManHumanBeing- Homo  h - o m o: - o m o: - w o m o  w o m o	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus  n i p o n i n o n e n e i n e n e i n e n e n e i n e n e n e i n e n e n e i n e n e n e i n e n e n e i n e n e n e i n e n e n e i n e n e n e i n e n e n e i n e n e n e i n e n e n e i n e n e n e i n e n e i n e n e i n e n e i n e n e i n e n e i n e n e i n e n e i n e n e i n e n e i n e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	h   o m   i   - n   e m   - o m   o m   o m   e m   o m   e m   o m   o m   e m   o m   o m   e m   o m   e m   o m   e m   o m   e m   o m   e m   o m   e m   o m   e m   o m	ManHumanBeing- Homo  h - o m o: - o j  w o m o  wife-Mulier m u l i e r -  m u x - e r -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Child-Ninnus  n i p o n i n o n e n e n e n e n e n e n e n e n e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish	h o m i - n e m - o m - o m e m - o m e r e o m e r e o m e r e r e r e r e r e r e r e r e r e	ManHumanBeing- Homo  h - o m o: - o m o: - w o m o  w o m o	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus  n i n o n i n o n e n e n e n e n e n e n e n e n e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian	h o m i - n e m - o m o m e j	ManHumanBeing- Homo  h - o m o: ɔ o  - w o m o  w o m o  r w o m o  r w o m o	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus  n i p o n i n o n e n e n e n e n e n e n e n e n e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil	h o m i - n e m - o m - o m e m - o m e r e o m e r e o m e r e r e r e r e r e r e r e r e r e	ManHumanBeing-   Homo	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus  n i n o n i n o n e n e n e n e n e n e n e n e n e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	ManHumanBeing- Homo  h - o m o: o n o: o n o: - w o m o  w o m o  w o m o  r o n o  u	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus  n i n o n i n o n e n e n e n e n e n e n e n e n e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	ManHumanBeing- Homo    h	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus  n i n o n i n o n e n e n e n e n e n e n e n e n e

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

	Forest	Stick	Fruit	Seed
Latin	s i l w a	p a: 1 u s	f r u: - k t u s	s e: m e n
French		p a 1	f в q i	
Spanish	s e l b a	p a 1 o -	f r u - t o -	
Italian	s e l v a	p a 1 o -	f r u - t t o -	s e m e -
PortugueseBrazil	s ε w v a	p a w	f r u t e -	
Portuguese	s e ł v e	p a w	f r u t e -	
Catalan	s e l b a	p a 1	f r u j - t	
Walloon			f   R   y   -   -   -   -	
Friulian	$s \mid \epsilon \mid 1 \mid v \mid e$	p a: 1	f r u t	
Romanian		par	f r u - k t	
	Seed-Sementis	Seed-Granum	Leaf	Leaf-Frondea
Latin	s e m - e n t i s	g r a: n u m	f - o 1 i a	f r o n d e a
French	$ s  \ni m -  \tilde{a}  -  - s $	g R 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 - σ λ λ a	f r o n dz - a
PortugueseBrazil		grein	f - o 1 - e	f r õ s - r -
Ü	J	$ \tilde{\mathbf{w}} $		
Portuguese	$ s i m - \tilde{e} - t i -$	$g \mid r \mid \tilde{g} \mid - \mid - \mid - \mid$	$ \mathbf{f} $ - $ \mathbf{o} $ $ \mathbf{h} $ $ \mathbf{e} $	$ f  r  \tilde{o}  s -  g $
		$ \widetilde{\mathbf{w}} $		
Catalan	s ə m - e n	g r a	$ \mathbf{f}  -  \mathbf{u}  \mathbf{\Lambda}   -  \mathbf{a} $	
Walloon	$\left  \begin{array}{c c c c c c c c c c c c c c c c c c c $	g r i n	$ \mathbf{f}  -  \mathfrak{d}   \mathbf{j}  -  - $	
Friulian	$s \mid e \mid m \mid - \mid \epsilon \mid n \mid tf \mid \epsilon \mid -$	g r a n	f w e e	
Romanian	s   a   m  -  i   n   f   a  -	g r i	f oa - j e -	$ f  r  u  n  z  -  \vartheta $
	Poot	Poot Podiy	Poet Padicina	Park∩f∧Troo
Latin	Root	Root-Radix	Root-Radicina	BarkOfATree
Latin	Root	Root-Radix r a: d i: k e	r a: d i: k i: n a	BarkOfATree k o r t i k e m
French	- raidirkem	Root-Radix		
French Spanish		Root-Radix r a: d i: k е в a d i -	r a: d i: k i: n a	k o r t i k e m
French Spanish Italian	-   r   a:   d   i:   k   e   m     -   r   a   -   i   θ   -   -	Root-Radix r a: d i: k e	r a: d i: k i: n a	k o r t i k e m
French Spanish Italian PortugueseBrazil	-   r   a:   d   i:   k   e   m   -   r   a   -   i   θ   -   -   -   в   a   -   i   s   -   -	Root-Radix r a: d i: k е в a d i -	r a: d i: k i: n a	
French Spanish Italian PortugueseBrazil Portuguese	-   r   a:   d   i:   k   e   m	Root-Radix r a: d i: k е в a d i -	r a: d i: k i: n a	k o r t i k e m
French Spanish Italian PortugueseBrazil Portuguese Catalan	-   r   a:   d   i:   k   e   m   -   r   a   -   i   θ   -   -   -   в   a   -   i   s   -   -	Root-Radix r a: d i: k е в a d i -	r a: d i: k i: n а в а s i n -	
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	-   r   a:   d   i:   k   e   m	Root-Radix r a: d i: k е в a d i -	r a: d i: k i: n a	
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	-   r   a:   d   i:   k   e   m	Root-Radix r a: d i: k е в a d i -	$ \begin{array}{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	-   r   a:   d   i:   k   e   m   -   r   a   -   i   θ   -   -   -   в   а   -   i   s   -   -   -   в   е   -   i   5   -   -   -   е   г   е   1   -   -   -	Root-Radix r a: d i: k e ß a d i r a d i: tf e	r a: d i: k i: n a  κ a s i n -  κ ε s ε n -	
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	-   r   a:   d   i:   k   e   m     -   r   a   -   i   θ   -   -     -	Root-Radix r a: d i: k e ß a d i r a d i: tf e  BarkOfATree-Skortea	r a: d i: k i: n a  κ a s i n -  R ε s ε n -  r ə d ə ʧ i n ə  Flower	k o r t i k e m     k o r t i t f e -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	-   r   a:   d   i:   k   e   m     -   r   a   -   i   θ   -   -     -	Root-Radix r a: d i: k e ß a d i: - r a d i: tf e  BarkOfATree-Skortea - s k - o r t e a	r   a: d   i: k   i: n   a   B   a   -   -   s   i   n   -	k o r t i k e m     k o r t i t f e -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	-   r   a: d   i: k   e   m     -   r   a   -   i   θ   -   -     -	Root-Radix r a: d i: k e ß a d i r a d i: tf e  BarkOfATree-Skortea	R   ε   -   s   ε   n   -	k o r t i k e m   k o r t i t f e -   k o r t i s i -   k o r t i s i -   k o r t i s i -   k o r t i s i -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish	-   r   a:   d   i:   k   e   m     -   r   a   -   i   θ   -   -     -	Root-Radix	R   ε   -   s   ε   n   -	k o r t i k e m   k o r t i t e -   k o r t i s i -   k o r t i s i -   k o r t i s i -   k o r t i s i -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian	-   r   a: d   i: k   e   m     -   r   a   -   i   θ   -   -     -	Root-Radix r a: d i: k e ß a d i: - r a d i: tf e  BarkOfATree-Skortea - s k - o r t e a	r   a: d   i: k   i: n   a   B   B   a   -   s   i   n   -	k o r t i k e m   k o r t i t f e -   k o r t i s i -   k o r t i s i -   k o r t i s i -   k o r t i s i -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil	-   r   a: d   i: k   e   m     -   r   a   -   i   θ   -   -     -	Root-Radix	r   a: d   i: k   i: n   a   B   B   a   -   s   i   n   -	k o r t i k e m   k o r t i t f e - k o r t i s i r o r o r o r o r o r o r o r o r o r
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian	-   r   a: d   i: k   e   m     -   r   a   -   i   θ   -   -     -	Root-Radix	r   a: d   i: k   i: n   a   B   B   A   -   S   i   n   -   A   B   B   A   B   A   B   B   A   B   B	k o r t i k e m   k o r t i t f e - k o r t i s i r o r t i s i r o r o r o r o r o r o r o r o r o r
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	-   r   a: d   i: k   e   m     -   r   a   -   i   θ   -   -     -	Root-Radix r a: d i: k e g a d i: - r a d i: tf e  BarkOfATree-Skortea - s k - o r t e a e - k - o g s s k - o r ts - a	R   ε   -   s   ε   n   -	k o r t i k e m   k o r t i t f e - k o k f i s i - k o r t i s i r o r o r o r o r o r o r o r o r o r
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	-   r   a: d   i: k   e   m     -   r   a   -   i   θ   -   -     -	Root-Radix	R   ε   -   s   ε   n   -	
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	-   r   a: d   i: k   e   m     -   r   a   -   i   θ   -   -     -	Root-Radix	R   ε   -   s   ε   n   -     R   ε   -   s   ε   n   -     R   ε   -   s   ε   n   -     R   ε   -   s   ε   n   -     R   ε   -   s   ε   n   -     R   ε   -   s   ε   n   -     R   ε   -   s   ε   n   -     R   ε   -   s   ε   n   -     R   ε   -   s   ε   n   -     R   ε   -   s   ε   n   -     R   ε   -   s   ε   π   s   π   s     Flower   G   I   σ   σ   σ   σ   σ   σ   σ   σ   σ	
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	-   r   a: d   i: k   e   m     -   r   a   -   i   θ   -   -     -	Root-Radix r a: d i: k e g a d i: - r a d i: tf e  BarkOfATree-Skortea - s k - o r t e a e - k - o g s s k - o r ts - a  8 k - o r ts - a	R   ε   -   s   ε   n   -	

	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	gκamεn			k   w   a   -   -   n   -
Spanish	g r a m a -		r i s t a -	
Italian	3	f  u  n   -   e   -	r ε s t a -	k - o t e n n a
PortugueseBrazil	g r g m g -		Rεltli-	k - o dz i e
Portuguese	greme-		в e ∫ t i -	k - o d i e
Catalan	g r a m		-   <b>3</b>   -	k - o n n ə
Walloon	3			
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  \right  \right  - \left  \left  - \right  \right  - \right $	$\left  v \mid j \mid - \mid - \mid \widetilde{lpha} \mid - \mid d \mid -  ight $	s   a   -   -   -   -   -   -   -
Spanish	p j e 1	karae -	b i b j e n d a	saŋg-re-
Italian	p - e 1 1 e -	k a r n e -	v i v - a n d a	s a n g w e
PortugueseBrazil	p - ε - 1 i -	ka r n i -	$ v  i  v  -  \tilde{e}  -  d  a$	
Portuguese	p - e - 1 i -	karali -	$\begin{vmatrix} v & i & v \end{vmatrix} - \begin{vmatrix} \tilde{e} & - & d \end{vmatrix} e$	$ \mathbf{s}   \mathbf{\tilde{e}}  -  \mathbf{g}  -  \mathbf{i}  -  - - $
Catalan	p - e - K	k a r n		s a ŋ
Walloon	p   j   a   -   -   -   -	tf   5:		s o: - g
Friulian	p   j   ε   1   -   -   -	c a: r		s a n k
Romanian	p j e - 1 e -	karee -		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>o</b>   -   <b>s</b>   -   -		g r ε s -	- œ f
Spanish	- w e s o	1 1 - 1 - 1 - 1	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	3 - S		g r e ʃ -	- o w
Walloon	-   -   o   -   f   -   -		k   R   3:   Ç   -	-   u:   -   -   -
Friulian	V W ε - S			- u: f
Romanian	-   -   0   -   S   -   -	T-:I	T = = #l= = ::	- 0 W
Lotin	Horn	Tail k a d a -	Feather	Feather-Penna
Latin	k   -   o   r   n   u:		p 1 u: m a	p e n n a
French		k ø	p 1 y m -	p   ε   -   n   -
Spanish	k w e r n o	k o l a -	p l u m a	p e - n a
Italian	k - o r n o	k o d a -	p j u m a	p e n n a
PortugueseBrazil	k - o s n u	k a w d e	P   J   u   m   u	p e n n e
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Catalan	k - o r n -	k u - a -	p 1 o m ə	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
Walloon	$k w \epsilon - n -$	k o w	p 1 0 m -	p e - n -
Friulian	k w a: r	k σ d ε -	p 1 u m ε	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
Romanian	k - o r n -	c oa d ə	PIIII	p a - n ə
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	Hair	Hair-Capillus	Head	Head-Testa
Latin	p - i 1 u s	kapillus	kapi-tia	t e s t a
French	p w a 1	$\int \left  \mathbf{a} \right  \mathbf{v} \left  \mathbf{o} \right  - \left  - \right  - \left  - \right $	$\int \left  \mathbf{a} \right  \mathbf{v} \left  \mathbf{\varepsilon} \right  - \left  - \right  - \left  - \right $	t   ε   -   t   -
Spanish	p - e 1 o -	k a b e - j o -	$ \mathbf{k}  \mathbf{a}  \mathbf{\beta}  \mathbf{e} -  \mathbf{\theta}  -  \mathbf{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	p - e 1 u -	k a b e - 1 u -	k a b e - s - e	t ε s t e
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Catalan	p - ε 1	$ \mathbf{k}  =  \mathbf{k}  -  \mathbf{k}  -  \mathbf{k} $	k a p	t e s t ə
Walloon		tf   i   v   j   -   -   a   -		$ tf  \epsilon  s  -  r $
Friulian	p - e: 1	c   a   v   ej   -   -   -   -	c a: f k a p	t ε s t e
Romanian	p -   a   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 -	n a r i 0 -
Italian	o r e k k j a	- o k k - j o -	n a s o -	n a r i tf e
PortugueseBrazil		- o \lambda u -		n a r i s -
Portuguese	o t si y s	-   o   -   -   \lambda   u   -		n g l i J -
Catalan	u r ε Λ ə		n a s	narris -
Walloon	3 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 l a	d - e n t e m	u n g - u l a
French	$\mathbf{b}  \mathbf{u}  -  \int_{\mathbf{u}}  \mathbf{u} $	g œ 1 -	$ \mathbf{d}  -  \tilde{\mathbf{a}}  -  - - -$	
Spanish	b o - k a	g o l a	d j e n t e -	u n a
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Catalan	b o - k ə	g o l ə	1 ~	~
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Friulian	b σ - c ε	g o 1 e	d i n t	oηg - ule ε
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Latin	Foot	Leg-Gamba	Leg-Perna	Leg-Petiolus
Latin French	p - e - d e m	g a m b a	perala -	p e - t i o 1 u s
Spanish	p j e	$\begin{bmatrix} 3 & \tilde{\alpha} & -b & - \\ g & a & b & a \end{bmatrix}$	p j e r n a	p   e   -   θ   i   o   1   o   -
Italian	p j e p j ε: - d e -	g a m b a g a m b a	p j e r n a p ε r n o -	p i t t - 5 1 0 -
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Catalan	1	k a m b ə	$p \in r \cap \theta$	
Walloon	*     .		h g I II a -	
Friulian	•   .   .   .   .	dy ã - p - y a m b e		$ \mathbf{p}  \leq  \mathbf{k}  \leq 1$
Romanian			qambə-	p ε k o l
Rolligiliali	p i e z	g a m b ə	g a m b ə -	p i - tf j o r

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Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	Ba e e e i i i θ a α a a a a a a a a	s s s s s s ean l w l	p p p p p p p p rt-,	a a a a a a a a a a m m m m m m m	t l d d k l l a a e e	นใ	a 1	1 1 d 1 w k 1	a a a y e e			L	s s s s s s s s s s s s s s s s s s s	i e e e e e e e e e e e e e	n n n i: a i e i i e ø:	k y g g	) i i i i i i i i i i i i i i i i i i i	a: t aa õ aa t de d ee õ ee õ	0 0 0 u	1			p p p p p p p p s s s s s s s s	j un o	6	; ]	t t t t t t t t t t t t t t t t t t t		u o o u u	S - S				He c c c c c c c c c c c c c		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	t o e o o o u: u: l	i εj	ic	e - - - - k	IL I	JIS 1	1			_	
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Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	Ba e e e e i i a α a a a a a	s s s s s s eau n l w l	PPPPPPT-i	a a a a a a a a a m m m m m m m	t l d d k - t nim a a e e	ula u	a 1	1 1 d 1 w k 1	a a a y e e			L :	s s s s s s s s s s s s s s s s s s s	i e e e e e e e e e e e e e e e e e e e	n n n i: a i e i i e ø: i	k y g y d		a: t aa õ aa t de d ee õ ee õ	- 0 0 0 0 0 0 1 u u	D)			p p p p p p p p p S s s s s s s s s	j un o		; ]	t t t t t t t t t t t t t t t t t t t		u o o u u	S - S				He c c c c c c c c c c c c c		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	t o e o o o u: u: l	i εj	ic	e - - - - k	IL I	JIS 1	1			_	

	Moon	Star	Water	Rain
Latin	l u: n a	- s t - e: 1 1 a	a - k <sup>w</sup> - 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	estre-ja	$\begin{vmatrix} a & y & w \end{vmatrix} = \begin{vmatrix} y & w \end{vmatrix}$	j - u - b j a
Italian	l u n a	- s t - e l l a i s t r e - l v	a k k w a	p j o d dz - a
PortugueseBrazil	1 u - e 1 u - e		a - g w e	$\int_{\Gamma}  - \mathbf{u}  -  \mathbf{v}  -  \mathbf{e} $
Portuguese Catalan			a - g w e	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Walloon	Λunə	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	aj - γ w ə	
Friulian	1 ø n – 1 u n e	$- \begin{vmatrix} s & t & - \end{vmatrix} $ $\begin{vmatrix} s & t & - \end{vmatrix} $ $\begin{vmatrix} s & t & - \end{vmatrix} $ $\begin{vmatrix} s & - \end{vmatrix} $ $\begin{vmatrix} t & - \end{vmatrix} $ $\begin{vmatrix} s & - \end{vmatrix} $ $\begin{vmatrix} t & - \end{vmatrix} $ $\begin{vmatrix} s & - \end{vmatrix} $ $\begin{vmatrix} t & - \end{vmatrix} $ $\begin{vmatrix} s & - \end{vmatrix} $ $\begin{vmatrix} t & - \end{vmatrix} $ $\begin{vmatrix} s & - \end{vmatrix} $ $\begin{vmatrix} t & - \end{vmatrix} $ $\begin{vmatrix} s & - \end{vmatrix} $ $\begin{vmatrix} t & - \end{vmatrix} $ $\begin{vmatrix} s & - \end{vmatrix} $ $\begin{vmatrix} t & - \end{vmatrix} $ $\begin{vmatrix} s & - \end{vmatrix} $ $\begin{vmatrix} t & - \end{vmatrix} $ $\begin{vmatrix} $	EI - W -	*
Romanian	l u n ə	- s t - ea	a - g - e a - p - ə	p 1 o j e p 1 oa j e
Tomanian	1   4   11   8	S t Ca	$ a   p   \theta$	p i oa j c
	River	River-Rivus	River-Riparia	Lake
Latin	f l u: m e n	r i: w u s	r i: p - a: r i a	1 a k u m
French		в у – – –		1 a k
Spanish		r i - o -		1 a g o -
Italian	f j u m e -	r i - o -		1 a g o -
PortugueseBrazil		<b>g</b> i - <b>w</b> -		1 a g u -
Portuguese	$ \mathbf{f}  1  \mathbf{u}  \mathbf{m}  \mathbf{i} $			1 a y u -
Catalan		$ \mathbf{r} \mathbf{i} $ - $ \mathbf{w} $ -		Λ a k
Walloon			$ \mathbf{r}   \mathbf{i}   \mathbf{n}   \mathbf{i}  -  \mathbf{R}  -  \mathbf{n} $	1 a k
Friulian	f   1   u   m   -   -			1 a: t
Romanian				
Romanian		r   i   -   w   -	-	1 a k
	Sea	Salt	Stone	Stone-Petra
Latin	m a r e	Salt s a: 1 e m	Stone s a k s u m	Stone-Petra p - e t r a
Latin French	m a r e m ε μ -	Salt   s   a:   1   e   m     s   \varepsilon   1   -   -		Stone-Petra p - e t r a p j e - в -
Latin French Spanish	m a r e m ε в - m a r -	Salt   s   a:   1   e   m     s   ε   1   -     s   a   1   -	s a k s u m	Stone-Petra p - e t r a p j e - в - p j e ŏ r a
Latin French Spanish Italian	m a r e m ε в - m a r e	Salt   s   a:   1   e   m     s   ε   1   -     s   a   1   -     s   a   1   e   -	s   a   k   s   u   m	Stone-Petra  p - e t r a  p j e - в -  p j e ð r a  p j e: t r a
Latin French Spanish Italian PortugueseBrazil	m a r e m a r e m a r e	Salt  s a: 1 e m s ε 1 s a 1 s a 1 e - s a w	s   a   k   s   u   m	Stone-Petra  p - e t r a  p j e - ʁ -  p j e ð r a  p j e: t r a  p - e d r ɐ
Latin French Spanish Italian PortugueseBrazil Portuguese	m a r e m ε ε - m a r e m a β - m a r -	Salt    s   a:   1   e   m     s   a:   1       s   a   1   e   -     s   a   1       s   a   1   -	s   a   k   s   u   m	Stone-Petra  p - e t r a  p j e - в -   p j e ð r a  p j e: t r a  p - e d r e  p - e ð r e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	m a r e m a r - m a r - m a r - m a r - m a r - m a r -	Salt    s   a:   1   e   m     s   a:   1       s   a   1       s   a   1       s   a   1       s   a   1	s   a   k   s   u   m	Stone-Petra  p - e t r a  p j e - в -   p j e ð r a  p j e: t r a  p - e d r e  p - e ð r e  p - e ð r ə
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	m a r - m a r - m a r - m a r - m a r - m a r - m a r -	Salt  s a: 1 e m s ε 1 s a 1 s a 1 e - s a 1 s a 1 s a 1 s a 1	s   a   k   s   u   m	Stone-Petra  p - e t r a  p j e - в -   p j e ŏ r a  p j e: t r a  p - e d r e  p - e ŏ r e  p - e ŏ r a  p - i: - в -
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	m a r e m a r - m a r - m a r - m a r - m a r - m a r - m a r - m a r -	Salt  s a: 1 e m s ε 1 s a 1 e - s a 1 e - s a 1 s a 1 s a 1 s a 1 s a 1 s a 1 s a 1	s   a   k   s   u   m	Stone-Petra  p - e t r a  p j e - в - в - р j e ŏ r a  p j e: t r a  p - e d r в  p - e ŏ r в  p - e ŏ r в  p - i: - в - р j e: - r e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	m a r e m a r e m a r e m a r - m a r - m a r - m a r - m a r - m a r - m a r - m a r - m a r -	Salt  s a: 1 e m s ε 1 s a 1 e - s a v s a 1 s a 1 s a 1 s a 1 s a 1 s a 1 s a 1 s a 1	s   a   k   s   u   m	Stone-Petra  p - e t r a  p j e - в - р j e ŏ r a  p j e: t r a  p - e d r e  p - e ŏ r e  p - e ŏ r a  p - i: - в -
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	m a r e m a r - m a r - m a r - m a r - m a r - m a r - m a r - m a r -	Salt  s a: 1 e m s ε 1 s a 1 e - s a 1 e - s a 1 s a 1 s a 1 s a 1 s a 1 s a 1 s a 1	s a k s u m  s a s s o - s ej - ∫ u - s ej - ∫ u -	Stone-Petra  p - e t r a  p j e - в - в - р j e ŏ r a  p j e: t r a  p - e d r e  p - e ŏ r e  p - e ŏ r e  p - i: - в - р j e: - r e  p j a t r ə
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	m a r e m a r e m a r e m a r - m a r - m a r - m a r e Stone-Lapidem l a p i d e m	Salt  s a: 1 e m s ε 1 s a 1 e - s a 1 e - s a 1 s a 1 s a 1 s a 1 s a 1 s a 1 s a r e -  Sand  h a r e: n α	s a k s u m  s a s s o - s ej - ∫ u - s ej - ∫ u -	Stone-Petra  p - e t r a  p j e - в -  p j e ð r a  p j e: t r a  p - e d r e  p - e ð r e  p - e ð r a  p i: - в -  p j e: - r e  p j a t r ə  Sand-Sabula
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	m a r e m ε β - m a r - m a r - m a r - m a r - m a r - m a r - m a r - m a r - m a r - l a p i d e m	Salt  s a: 1 e m s ε 1 s a 1 e - s a 1 e - s a 1 e - s a 1 s a 1 s a 1 s a 1 s a 1 s a 1 s a 1 s a 1 s a 1	s a k s u m  s a s s o - s ej - ∫ u - s ej - ∫ u -	Stone-Petra  p - e t r a  p j e - в - в - р j e ð r a  p j e: t r a  p - e d r в  p - e ð r в  p - e ð r в  p - i: - в - р j e: - r е  p j a t r в  Sand-Sabula  s a - b u l a
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian	m a r e m a r e m a r e m a r - m a r - m a r - m a r e Stone-Lapidem l a p i d e m	Salt   s   a:   1   e   m     s   ε   1       s   a   1   e   -     s   a   1       s   a   1       s   a   1       s   a   r   e   n   a     σ   σ   σ   σ   σ     σ   σ   σ   σ	s   a   k   s   u   m	Stone-Petra  p - e t r a  p j e - в -  p j e ð r a  p j e: t r a  p - e d r e  p - e ð r e  p - e ð r a  p i: - в -  p j e: - r e  p j a t r ə  Sand-Sabula
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil	m a r e m ε β - m a r - m a r - m a r - m a r - m a r - m a r - m a r - m a r - m a r - l a p i d e m	Salt    s   a:   1   e   m     s   ε   1   -     s   a   1   e   -     s   a   1   e   -     s   a   1   -     s   a   1   -     s   a   r   e   -     Sand    h   a   r   e:   n   α     -   a   r   e   n   α     -   a   r   e   σ   e     -   a   r   e   σ   σ     -   a   r   e   σ   σ     -   a   r   e   σ   σ     -   a   r   e   σ   σ     -   a   r   e   σ   σ   σ     -   a   r   e   σ   σ   σ   σ     -   a   r   e   σ   σ   σ   σ   σ   σ   σ   σ   σ	s a k s u m   s a s s o - s ej - ∫ u - s a b u l u m s a b - l s aj β - r u -	Stone-Petra  p - e t r a  p j e - в - в - р j e ð r a  p j e: t r a  p - e d r в  p - e ð r в  p - e ð r в  p - i: - в - р j e: - r е  p j a t r в  Sand-Sabula  s a - b u l a
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese	m a r e m ε β - m a r - m a r - m a r - m a r - m a r - m a r - m a r - m a r - m a r - l a p i d e m	Salt  s a: 1 e m s ε 1 s a 1 e - s a 1 e - s a 1 e - s a 1 e - s a 1 s a 1 s a 1 s a 1 s a 1 s a 1 s a 1 s a 1 s a r e -  Sand  h a r e: n α  - a r ej - e - e r ej - e	s   a   k   s   u   m	Stone-Petra  p - e t r a  p j e - в - в - р j e ð r а  p j e: t r a  p - e d r в  p - e ð r в  p - e ð r в  p - i: - в - р j e: - r е  p j a t r э  Sand-Sabula  s a - b u l a
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	m a r e m ε β - m a r - m a r - m a r - m a r - m a r - m a r - m a r - m a r - m a r - l a p i d e m	Salt    s   a:   1   e   m     s   ε   1   -     s   a   1   e   -     s   a   1   e   -     s   a   1   -     s   a   1   -     s   a   r   e   -     Sand    h   a   r   e:   n   α     -   a   r   e   n   α     -   a   r   e   σ   e     -   a   r   e   σ   σ     -   a   r   e   σ   σ     -   a   r   e   σ   σ     -   a   r   e   σ   σ     -   a   r   e   σ   σ   σ     -   a   r   e   σ   σ   σ   σ     -   a   r   e   σ   σ   σ   σ   σ   σ   σ   σ   σ	s   a   k   s   u   m	Stone-Petra  p - e t r a  p j e - в - в - р j e ð r a  p j e: t r a  p - e d r в  p - e ð r в  p - e ð r в  p - i: - в - р j e: - r е  p j a t r в  Sand-Sabula  s a - b u l a
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	m a r e m ε β - m a r - m a r - m a r - m a r - m a r - m a r - m a r - m a r - m a r - l a p i d e m	Salt  s a: 1 e m s ε 1 s a 1 e - s a 1 e - s a 1 e - s a 1 e - s a 1 s a 1 s a 1 s a 1 s a 1 s a 1 s a 1 s a 1 s a r e -  Sand  h a r e: n α  - a r ej - e - e r ej - e	S   a   k   S   u   m	Stone-Petra  p - e t r a  p j e - в - в - р j e ð r a  p j e: t r a  p - e d r в  p - e ð r в  p - e ð r в  p - i: - в - р j e: - r е  p j a t r в  Sand-Sabula  s a - b u l a
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	m a r e m ε β - m a r - m a r - m a r - m a r - m a r - m a r - m a r - m a r - m a r - l a p i d e m	Salt  s a: 1 e m s ε 1 s a 1 e - s a 1 e - s a 1 e - s a 1 e - s a 1 s a 1 s a 1 s a 1 s a 1 s a 1 s a 1 s a 1 s a r e -  Sand  h a r e: n α  - a r ej - e - e r ej - e	s   a   k   s   u   m	Stone-Petra  p - e t r a  p j e - k - e d r a  p - e d r e  p - e d r e  p - e d r e  p - e d r e  p - e d r e  p - e d r e  p - e d r e  p - e d r e  p - e d r e  p - e d r e  p - e d r e  p - e d r e  p - e d r e  p - e d r e  p - e d r e  p - e d r a  p - e d r e  p - e d r a  p - e d r e  p - e d r a  p - e d r e  p - e d r a  p - e d r e  p - e d r

	Dust	Dust-Pulwus	Earth	Cloud
Latin	p u 1 w e r e m	p u l w u s	t - e r r a	n u: b e: s
French	b n q r		t - е - в -	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 - ε r r a	n u b e -
PortugueseBrazil		p   2   -   -   -	t - е - в в	n u v ẽj -
Portuguese		$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	т - ε - в в	n u v ej -
Catalan		p o 1 s	t - ε - r ə	
Walloon			t - E: - R -	
Friulian	p   2   1   v   a   r   -   -		t j ε - r e	
Romanian	p u 1 b e r e -		ts - a - r ə	
	Cloud-Secondary	Fog	Fog-Nebula	Fog-Tenebrae
Latin	n u: b i l u s	k a: 1 i: g i n e m	n - e - b u 1 a	t e n e: b r aj
French			n j o 1 y	
Spanish	n u b - 1 o -		n j e - b - 1 a	
Italian	n u v o l a -	kalidzine-	n - e b b - j a	t ε: n e b r e
PortugueseBrazil		k a l i z ei	$ \mathbf{n}  -  \mathbf{\epsilon}  -  \mathbf{v}  \mathbf{w} -  \mathbf{e} $	1 1 1 1 1 1 1
Portuguese	n u b l a d u	k   a   l   i   3   ej   -   -   -	$ \mathbf{n}  -  \mathbf{\epsilon}  -  \mathbf{v}   \mathbf{w}  -  \mathbf{e} $	
Catalan	n u β u 1		n - e - w 1 ə	
Walloon	1 1 1 1 1 1			
Friulian	n u: 1			
Romanian	n o r		$ \mathbf{n}  \mathbf{e}  \mathbf{g}  \mathbf{u}  \mathbf{r}  \mathbf{\vartheta}  \mathbf{r} $	
	Fog-Tenebras	Fog-Fumata	Fog-Caecia	Sky
Latin		f u: m a: t a	k aj k i a	k - aj l u m
French	t - e n - ε b в	f y m e		s   j   ε   1   -   -
Spanish	t - i n j e b l a s	f u m a t a		θ j e 1 o -
Italian	t - E n - e b r e -	f u m a: t a		tf - ε 1 ο -
PortugueseBrazil		f u m a s e		$ \mathbf{s}  -  \mathbf{\epsilon}  \mathbf{w} -  \mathbf{r} $
Portuguese	$ \mathbf{t} \mathbf{r} $ - $ \mathbf{r} $ - $ \mathbf{\epsilon} \mathbf{v} $ - $ \mathbf{e} \mathbf{f}$	f umas e		$ s  -  \epsilon   w  -  -$
Catalan	t - ə n - e b r ə s			s - ε 1
Walloon				8 - i: R
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 l u:	
French	$ \mathbf{v} $ - $ \tilde{\mathbf{a}} $ - $ - - $ -		$\begin{vmatrix} 3 & \mathbf{\epsilon} & 1 \end{vmatrix}$ -	g 1 a - s -
Spanish	b j e n t o -	n j e b e -	j e l o	
Italian	$v - \epsilon n t o -$	n - e v e -	dg ε 1 ο	g j a t t a
PortugueseBrazil		$ n  -  \epsilon  v  i  -$		
Portuguese	$ v  -  \tilde{e}  -  t   u  -$	$ n  -  \epsilon  v  i  -$		
Catalan	b - e n	n - e w	3 8 1 -	g 1 a - s -
Walloon	$ \mathbf{v} $ - $ \mathbf{\tilde{e}} $ - $ \mathbf{v} $ -	n i: f		g 1 ε - s -
Friulian	v - i n t	n - e: f		g 1 a - tf e
Romanian	v  -  i  n  t  -  -	n - ea	ф e r -	g - ea - ts ə

	Smoke	Fire-Focus	Ash	Ash-Cinisia
Latin	f u: m u s	f - o k u m	k i n e - r e m	
French	1 1 1 1 1 1 1 1 1	$ \mathbf{f}  -  \mathbf{o}  -  - -$	s a d в	
Spanish	-   u   m   o   -	f w e g o -		$\theta \mid e \mid n \mid i \mid \theta \mid a \mid -$
Italian	f u m o -	fwoko-	tf   e   n   e   -   r   e   -	
PortugueseBrazil		f ogu-	g   c   n   c       r   c	e î 7 p f
Portuguese	f u m u -	f o y u -		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan	f u m	$\begin{vmatrix} \mathbf{f} & \mathbf{o} & \mathbf{k} & \mathbf{c} \\ \mathbf{o} & \mathbf{k} & - \end{vmatrix}$	$ s  \varepsilon  n  -  d  r  \vartheta  -$	
Walloon	u   III   -   -	f - ø:	s e: d	
Friulian	f  u  m   -   -	f - u: k	s   e.   -   -   u   -   -   -	$ \mathfrak{t}  i  n  i  z  \varepsilon$
Romanian	f u m			
Romanian			Dood Comminus	t∫ e n u ∫ ə -
Latin	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		$\int_{1}  \partial - m  \tilde{\varepsilon}$	$ \mathbf{m}  \tilde{\mathfrak{o}}   -   -   -   -  $
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 -	$ \mathbf{m}  \tilde{\mathbf{o}} -  \mathbf{t}  \mathbf{i} -$
Portuguese	v i v	i   f   t   r   a   ð   e	k e - m i n u -	$ \mathbf{m}  \tilde{\mathbf{o}} -  \mathbf{t}  \mathbf{i} -$
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	m õ - t a - n	n q i		3 - u s
Spanish	m o n t a - n - a	n - o - tf e -	d i a -	d j u r n o -
Italian	m o n t a n n - a	n -   o   t   t   e   -	d i	dz - o r n o -
PortugueseBrazil	m õ - t ē - 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 - o r n
Walloon	m õ - t a - n	n - y - t	dz u:	dg - u:
Friulian	m o n t a - n e -	$ \mathbf{n}  -  \mathbf{o}  -  \mathbf{t}  -  \mathbf{o} $	d i	
Romanian	J 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	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 - u в n e	$ \tilde{\mathfrak{a}}  -  - - - $	$\begin{vmatrix} \mathbf{n} & \tilde{\mathbf{o}} & - & - & - \end{vmatrix}$
Spanish			a - n o -	
Italian		dornata-	a n n o -	n o: m e -
PortugueseBrazil	з э в n a	1-0 0 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	e - n u -	n o m i -
Portuguese	3 3 8 n a		e n u -	n o m i -
Catalan	)   J   H   H   W		a - n -	n o m
Walloon			$\tilde{\alpha}$ - $J^{1}$ - $J^{2}$	$\begin{vmatrix} \mathbf{n} & \mathbf{j} & \mathbf{m} \end{vmatrix} = \begin{vmatrix} \mathbf{n} & \mathbf{j} & \mathbf{m} \end{vmatrix}$
Friulian		dz - o r n a d e		
Romanian		ω <sub> </sub> -  0 1  11 a u e	a - ŋ	n o n
Rolligiligii			a   n   -   -   -	n u m e -

	Name-Nominem	Tongue	ToDrink	ToEat
Latin	n o: m i n - e m	1 i n g <sup>w</sup> - a	b - i b e r e	k o m e d e r e
	1111111	J - J - J - J - J - J - J - J - J - J -	-   -   -   -   -   -	
French		$1 \left  \tilde{a} \right  - \left  g \right  - \left  - \right $	b w a r - r -	
Spanish	n o m - b r e -	l e ŋ g w a	b - e b e r -	k o m e r -
Italian		l i n g w a	b - e r e	1221012121
PortugueseBrazil		1 î - g w e	р – е р е к –	k   o   m   e   -   -   -
Portuguese		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	b - i β e r -	
Catalan		1   1	b - $\epsilon$ w - r ə	K   u   m     C   T
Walloon		1   ē   -   -   -	p \o \o \c	
770110011		ų į		
Friulian		$1 \stackrel{\approx}{\varepsilon} n g - \varepsilon$	b   -   e   v   i   -   -	
Romanian		l 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	m - o r q - r -		s y s e
Spanish	mandukar-	m - o r ð e r -	m o - s - k a r -	
Italian	mandgare	m - o r d e r e	m o r s i k a r e	
PortugueseBrazil	m ё - з а в -	ш - о в q в в -	m u - s ə g a	s u g a r -
Portuguese	m   v   -   z   -   -   a   r   -	m - u r ð e r -	m u - s ə g a r -	s u g a r -
Catalan	m ə n ʒ a		m u - s ə y a	
Walloon	m a n i:			s   y   s   i:   -   -
Friulian	m a ŋ ɟ a:	mwardi-		c u c a:
Romanian	m i n k a		m u r s e k a	s u dz e
	ToSpit	ToSpit-Exconspuere	ToSpit-Sputare	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	k 5 - s p y e			vomius-
Spanish		e s k u - p i r	e s p u t a r -	
Italian			- s p u t a r e	v o m e r e
PortugueseBrazil	k u - s p i r			
Portuguese	$ \mathbf{k} \mathbf{u}  -  \int  \mathbf{p}  \mathbf{i}  \mathbf{r}  -  \mathbf{r} $			
Catalan		ə s k u - p i -		
Walloon				v   o: m   i   -   -
Friulian			- s p u d a:	
Romanian		- s k u j p a -	- · · · · · · · · · · · · · · · · · · ·	v oa m e
	ToBlow	ToBreathe	ToLaugh	ToSee
Latin	s u f f l a: r e	r e s p i: r a: r e	r   i:   -   d   e:   r   e	w - i d e: r e
French	s  u  -  f   1  e  -   -		R   I   -   -   R   -	v w a b -
Spanish		r e s p i r a r -	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 i: - d e r e	v - e d e r e
PortugueseBrazil		в e s b i t a t -	R   I   -   -   R   -	v e в в -
Portuguese		в <u>і</u> Д b і ц а с -	R   i   -   -   t   -	v e r -
Catalan		r ə s p i r a	$ \mathbf{r}   \mathbf{i}   \mathbf{w}  -  \mathbf{r}   \mathbf{e} $	6   1   8   w   -   d
Walloon	s u - f 1 e		R   I:   -   -   R   -	v   -   i:   -   -   R   -
Friulian	s o - f 1 a:	r e s p i r a:	r   i   -   d   i   -   -	v j o d i
Romanian	s  u  -  f   1  a  -   -		$ \mathbf{r}  \mathbf{i} -  \mathbf{d}  \mathbf{e}$	v - e d ea

	ToHear	ToKnow	ToKnow-Sapere	ToKnow-Cognoscere
Latin	a - d i: r e	s k i: r e	s a p - e r e	k o g n o: s k e r e
French	M i R -		$ \mathbf{s}  \mathbf{a}  \mathbf{v}  \mathbf{w}  \mathbf{a}  \mathbf{E}$	k   σ   -   n   ε   -   t   <b>Β</b>   -   -
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	$\begin{vmatrix} k & o \end{vmatrix} - \begin{vmatrix} n & o \end{vmatrix} \int \begin{vmatrix} f & e \end{vmatrix} r \begin{vmatrix} e \end{vmatrix}$
PortugueseBrazil Portuguese	o w v i r -		s a b - e r -	k o - n e s - e r - k u - n i s - e r -
Catalan			s e b - e r - s θ β - ε	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Walloon	$\begin{bmatrix} \mathbf{u} & - & - & \mathbf{i} & - & - \\ \mathbf{\tilde{o}} & - & - & \mathbf{R} & - & - \end{bmatrix}$		s a v - ø: R -	k i - n o h
Friulian	u l d i:		s a v e e	k o - p o s - i
Romanian	a u z i	$\int  \mathbf{t}  \mathbf{i}   -   -$	5 4 7 6.	k u - n o    t e
		J   v   z		
	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 1 e: r e
French	k   y   -   -   i   d   e   -   -	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$ \mathbf{s}   \mathbf{\tilde{a}}  -  \mathbf{t}   \mathbf{i}   \mathbf{R}  -$	
Spanish	k w i d a r -	pensar-	s e n t i r -	o 1 e r -
Italian	k - o d i t a r e	p e n s a r e	s e n t i r e	o   1   i   r   e
PortugueseBrazil	k - u 3 i t a r -	p   g   -   s   a   R   -	s e - t i r -	
Portuguese	k - u z i t a r -	p e - s a r -	s e - t i r -	
Catalan	k   -   u   -   j   d   a   -   -	p ə n s a	s ə n t i	u l u r a
Walloon Friulian		$p \mid \tilde{\epsilon} \mid - \mid s \mid e \mid - \mid - \mid$	$s   \tilde{\epsilon}   -   t   i   -   -$	
Romanian	k - u dz e t a	p e ŋ s a: p ə - s a	s i n t i: s i m ts i	
Nomanian	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	0 4 0 1 4 1 0	f 1 ε - κ e		k к е – q – к –
Spanish			t e m e r -	t r e m - e r -
İtalian	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 - r a в -	t e m e в -	t гетев - ев-
Portuguese		f - ej - r a r -	t i m e r -	t   r   i   m   -   e   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. O	T-15	t e m e	T - 17:0
Lotin	ToSleep	ToLive   w   i:   w   e   r   e	ToDie	ToKill n - e k a: r e
Latin French			musis-	n - e k a: r e n w aj e
Spanish	q - o t m i t - q - s m i r -	v   i   v   -   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 -	шовев –	
Portuguese	d - u r m i r -	v i v e r -	ти в в г -	
Catalan	d - u r m i	b i w - r ə	m u r i	n -   ə   g   a   -   -
Walloon	d w a в m i		m o R i	
Friulian	d - u r m i:	$ \mathbf{v}  \mathbf{i}  \mathbf{v}  \mathbf{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	a   -   n   e   g   a   r   -	1	ma-tar-	
Italian	a n n e g a r e			u t tf i d e r e
PortugueseBrazil			m a - t a r -	1 13 1 1 1 1
Portuguese			m e - t a r -	
Catalan			m ə - t a	u k s i - - - -
Walloon		t u w - e		
Friulian			m a tf - a:	
Romanian			1 1 3 1 1 1	u - tf i d e - -
	ToFight	ToFight-Battuere	ToHunt-Captiare	ToHit
Latin	p u g n a: r e	battuere	k a p t i a: r e	p u 1 s a: r e
French		b a t в	$\int a - s - e - e$	p u - s e
Spanish	$ \mathbf{p} \mathbf{u}  -  \mathbf{p} \mathbf{a} \mathbf{r} $	b a - t - i r -	k a - θ - a r -	pu-xar-
İtalian	рирраге	batt-ere	katf-are	p u l s a r e
PortugueseBrazil		b a - t - e в -	k a - s - a r -	ри - Лак -
Portuguese		b e - t - e r -	k e - s - a r -	$\begin{vmatrix} \mathbf{r} \\ \mathbf{p} \end{vmatrix} \mathbf{u} - \begin{vmatrix} \mathbf{r} \\ \mathbf{a} \end{vmatrix} \mathbf{r} - \begin{vmatrix} \mathbf{r} \\ \mathbf{r} \end{vmatrix}$
Catalan	p u - n a - -	b a - t r ə	k ə - s - a	
Walloon		b a t - e	tf ε - s - i:	
Friulian		b a t - i	c a - tf - a:	p u 1 s a:
Romanian		b a t - e	1 1 1 3 1 1 1 1	p u 1 s a
	ToCut	ToCut-Curtare	ToCut-Excurtare	ToCut-Taliare
Latin	s - e k a: r e	k u r t a: r e	e k s k u r t a: r e	t a: - 1 i a: r e
French	s   j   e   -   -   -		e k u r t e	t   a   j   -   -   e   -   -
Spanish	s - e g a r -	kortar-		t a - x - a r -
Italian	s - e g a r e		-   -   s   k   o   r   t   a   r   e	t a - K K a: r e
PortugueseBrazil		kortar-		
Dawtusus	s - e g a в -	K O B t a B -		t   a   -   б   -   а   в   -
Portuguese	$\begin{vmatrix} \mathbf{s} & - \end{vmatrix} = \begin{vmatrix} \mathbf{i} & \mathbf{j} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{k} & \mathbf{k} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{k} & \mathbf{k} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{k} & \mathbf{k} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{k} & \mathbf{k} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{k} & \mathbf{k} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{k} & \mathbf{k} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{k} & \mathbf{k} & \mathbf{k} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{k} & \mathbf{k} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{k} & \mathbf{k} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{k} & \mathbf{k} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{k} & \mathbf{k} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{k} & \mathbf{k} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{k} & \mathbf{k} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{k} & \mathbf{k} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{k} & \mathbf{k} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{k} & \mathbf{k} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{k} & \mathbf{k} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{k} & \mathbf{k} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{k} & \mathbf{k} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{k} & \mathbf{k} & \mathbf{k} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{k} & \mathbf{k} & \mathbf{k} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{k} & \mathbf{k} & \mathbf{k} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{k} & \mathbf{k} & \mathbf{k} & \mathbf{k} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{k} & \mathbf{k} & \mathbf{k} & \mathbf{k} & \mathbf{k} & \mathbf{k} \end{vmatrix} = \begin{vmatrix} \mathbf{j} & \mathbf{k} $	k u r t a r -		t   e   -   \lambda   -   a   r   -
Catalan				$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan Walloon	$\begin{vmatrix} \mathbf{s} & - & \mathbf{i} & \mathbf{\gamma} & \mathbf{a} & \mathbf{r} \\ \mathbf{s} & - & \mathbf{o} & \mathbf{\gamma} & \mathbf{a} & - & - \end{vmatrix}$			t e - 1 - a r -
Catalan Walloon Friulian	s - i y a r -		- - s k u r t a: - -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan Walloon	$\begin{vmatrix} \mathbf{s} & - & \mathbf{i} & \mathbf{y} & \mathbf{a} & \mathbf{f} \\ \mathbf{s} & - & \mathbf{a} & \mathbf{y} & \mathbf{a} & - & - \end{vmatrix}$ $\begin{vmatrix} \mathbf{s} & - & \mathbf{e} & - & \mathbf{a} & - & - \end{vmatrix}$	k   u   r   t   a   r   -	s k u r t a	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Catalan Walloon Friulian Romanian	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	ToSplit-Scindere	ToSplit-Findere	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan Walloon Friulian Romanian	$\begin{vmatrix} \mathbf{s} & - & \mathbf{i} & \mathbf{y} & \mathbf{a} & \mathbf{f} \\ \mathbf{s} & - & \mathbf{a} & \mathbf{y} & \mathbf{a} & - & - \end{vmatrix}$ $\begin{vmatrix} \mathbf{s} & - & \mathbf{e} & - & \mathbf{a} & - & - \end{vmatrix}$	ToSplit-Scindere	ToSplit-Findere f i n d e r e	t e - 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
Catalan Walloon Friulian Romanian Latin French	s - i y a r - s y a S plit d i: w i d e r e	ToSplit-Scindere	ToSplit-Findere f i n d e r e f ã - d - в -	t ε - Λ - a r - t ə - Λ - a t ε j i: t a j a: t ə j a  ToSplit-Partire p a r t i: r e p a ε t i ε -
Catalan Walloon Friulian Romanian  Latin French Spanish	S	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	ToSplit-Findere  f i n d e r e f \tilde{a} - d - \tilde{b} - e n d e r -	t e - Λ - a r - t ə - Λ - a t ε j i: t a j a: t ə j a  ToSplit-Partire  p a r t i: r e p a в t i в - 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 \tilde{a} - d - \tilde{b} - e n d e r - f \tilde{e} n d e r e	t θ - Λ - a r - t ε j i: t a j a: t ε j a  Tosplit-Partire  p a r t i: r e p a r t i r - p a r t i r e
Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil	S	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	ToSplit-Findere  f i n d e r e f \tilde{\alpha} - \text{ b } d - \text{ b } e n d e r - f \tilde{\alpha} n d e r e f \tilde{\alpha} - d - \text{ b } e n d e r - f \tilde{\alpha} n d e r e f \tilde{\alpha} - d e \text{ b } -	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
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 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 -
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 ə	t θ - 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 e  p a r t i r e  p a r t i r e  p a r t i r e  p a r t i r -  p a r t i r -  p a r t i r -  p a r t i r -  p a r t i r -  p a r t i r -  p a r t i r -  p a r t i r -  p a r t i r -
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 θ 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  p ε r t i  p ε r t i  p ε r t i  p ε 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 ə	t θ - 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 e  p a r t i r e  p a r t i r e  p a r t i r e  p a r t i r -  p a r t i r -  p a r t i r -  p a r t i r -  p a r t i r -  p a r t i r -  p a r t i r -  p a r t i r -  p a r t i r -

	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 э - v в е	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	3 y g y 1 e	
Spanish	separar			ra-er-
Italian	s e p a r a r e -	p   -   u   n   dz   e   r   e	j  u   g   u   1   a:   r   e	r a d e r e
PortugueseBrazil		р - ũ - z i к -	3     3	ва-ев-
Portuguese	s i p e r a r	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		R S - G 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		1 4 4 1 0
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 в -
Spanish	r a s a r -	r a s k a r		
Italian	r a s a r e			
PortugueseBrazil		в а ∫ k а в	k o s a 1	
Portuguese	вв гаг-	в 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	$\int  \mathfrak{d}   \mathbf{v}   \mathbf{e}   -   -$			n a 3 e
Spanish	kabar-	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 e v 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   -   -		n -   ə   d   a   -   -	n ə b ə g a
Walloon				$ n  \epsilon  - dg  i: - -$
Friulian	f a v a:	-   -   z   f   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		∫ ə m i n 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 r -		k в m i h a в	
Portuguese	vw-ar-		k e m i n a r	
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 f i:
Friulian		z v o 1 a:	c a m i n a:	
Romanian		z b u r a		

	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 -	e - t a - t
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	e - s t ε n d e r e
PortugueseBrazil		[в] - d a в -	v i <b>B</b> -	i s t ē - d e r
Portuguese		v   d   -   -   a   r   -	v i r -	$ \mathbf{i}  \int  \mathbf{t}  \tilde{\mathbf{e}} -  \mathbf{d}  \mathbf{e}  \mathbf{r}  -  \mathbf{r} $
Catalan			b   ə   n   i   -   -	ə - s t e n d - r ə
Walloon			$ \mathbf{v}   \mathbf{i}   \mathbf{n}   \mathbf{i}  -  \mathbf{m} $	
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 b -		ε - t - r -
Spanish	ja- e r -	s - e r -	s   e   -   -   n   t   a   r   -	e s t a r -
Italian	dga - tfe: re	s - e d e r e		- s t a r e
PortugueseBrazil		$ \mathbf{s}  -  \mathbf{e}  -  \mathbf{r}   \mathbf{g} $	S   \tilde{e}   -   -   t   a   r   -	i f t a r -
Portuguese	3 B - S 6 L -	s   -   e   -   -   r   -	s   e   -   -   -   t   a   r   -	i f t a r -
Catalan Walloon	3 a w r ə			ə s t a
Friulian	dz e r e - j e - s i		s e n t a:	ε s
Romanian			S   e   -   -   n   t   a:   -   -	- s t a: - s t a
Nomaman	z ə - tf ea	J - e d ea		- S t a - -
	ToStand-Levare	ToStand-Altiare	ToTurnIntransitive	ToTurnIntransitive- Gyrare
Latin	1 e v a: r e	- a 1 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 r n e	3 i R 6
Spanish	j e b a r -	- a 1 θ - a r -	tornar-	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	dgirare
PortugueseBrazil	1	-   a   1   s   -   a   -   -	toruar	girar-
Portuguese	1 e v a в -		t O B II a B -	J
1 Ortuguese	l e v a r -	-   a   1   s   -   a   r   -	t u r n a r -	3 i r a r -
Catalan	1 i v a r - 1 i v a r -			3 i r a r - 3 i r a
Catalan Walloon	1 i v a r - Λ a b a 1 a v e	- a ł s - a r - - a l s - a h p: - s - i:	t u r n a r -	3   i   r   a   r   -   3   i   r   a   -   -
Catalan Walloon Friulian	1 i v a r -	- a 1 s - a r - - a 1 s - a	t u r n a r - t u r n a - t u: r n e - t o r n a: -	girar-
Catalan Walloon	l i v a r -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	t u r n a r - t u r n a - t u r n e - t o r n a - t u r n e -	3   i   r   a   r   -   -   -
Catalan Walloon Friulian	1 i v a r -	- a 1 s - a r - - a 1 s - a h 5: - s - i: - - a 1 t \int - a: -	t u r n a r - t u r n a - t u: r n e - t o r n a: -	3   i   r   a   r   -   3   i   r   a   -   -
Catalan Walloon Friulian Romanian	l i v a r -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	t u r n a r - t u r n a - t u r n a - t u r n a - t u r n a - t u r n a - ToFall	3   i   r   a   r   -   -   -
Catalan Walloon Friulian	1 i v a r -	- a 1 s - a r - - a 1 s - a h 5: - s - i: - - a 1 t \int - a: -	t u r n a r - t u r n a - t u r n e - t o r n a - t u r n e -	3   i   r   a   r   -   -   -
Catalan Walloon Friulian Romanian	l i v a r -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	t u r n a r - t u r n a - t u r n a - t u r n a - t u r n a - t u r n a - t u r n a - ToFall	3   i   r   a   r   -   -
Catalan Walloon Friulian Romanian	1 i v a r -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	t u r n a r - t u r n a - t u r n a - t u r n a - t u r n a - t u r n a - ToFall	3   i   r   a   r   -   -   -
Catalan Walloon Friulian Romanian  Latin French Spanish Italian	l i v a r -	- a	t u r n a r - t u r n a - t u r n a - t u r n a - t u r n a - t u r n a - ToFall  k - a d e r e	3   i   r   a   r   -   -
Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil	l i v a r -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	t u r n a r - t u r n a - t u	3   i   г   а   г   -   -
Catalan Walloon Friulian Romanian  Latin  French Spanish Italian PortugueseBrazil Portuguese	l i v a r -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	t u r n a r - t u r n a - t u r u r n a - t u r u r n	3   i   r   a   r   -   -
Catalan Walloon Friulian Romanian  Latin  French Spanish Italian PortugueseBrazil Portuguese Catalan	i v a r -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	t u r n a r - t u r n a - t u r u r n a - t u r u r n a - t u r u r u r n a -	3   i   r   a   r   -   -
Catalan Walloon Friulian Romanian  Latin  French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	i	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	t u r n a r - t u r n a t u r n a t u r n a t u r n a t u r n a  ToFall  k - a d e r e	3   i   r   a   r   -   -
Catalan Walloon Friulian Romanian  Latin  French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	i v a r -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	t u r n a r - t u r n a - t u r u r n a - t u r u r u r n a - t u r u r u r u r u r u r u r u r u r u	3   i   r   a   r   -   -
Catalan Walloon Friulian Romanian  Latin  French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	i	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	t u r n a r - t u r n a t u r n a t u r n a t u r n a t u r n a  ToFall  k - a d e r e	3   i   r   a   r   -   -

	ToGive	ToGive-Donare	ToHold	ToHold-Segurar
Latin	d a r e	d o n a: r e	t e n - e: r e	o o
French		d o n e	t   ə   n   -   i   в   -	
Spanish	dar-	d o n a r -	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	d a B -	d   o   -   a   -   -	t е в -	s i g u r a r
Portuguese	d a r -	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:	d o n 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	s e - r a r e	appektora: re
French	e b κ ε - q - κ	-	s e - R e	F F F F F F F F F F F F F F F F F F F
Spanish		-s e - r a r -	θ e - r a r -	a   -   p   -   -   r   e   t   a   r   -
Italian	s p r ε m - e r		s e r r a r e	
PortugueseBrazil		- s   e   -   в   а   -   -	s i - k a r -	
Portuguese		-sə-Rar-	s i - k a r -	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$
Catalan			1 - 1 1 1 - 1 - 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Walloon			$ \mathbf{s}  \mathbf{\epsilon} -  \mathbf{R}  \mathbf{e}$	
Friulian	e - s p r i m - i -			
Romanian	- s k - r e m e	_		
	ToSqueeze-Stringere		ToRub-Exfricare	ToRub-Frictare
Latin	- s t r i n g e r e			f r i k t a: r e
French	$\left  e \right  - \left  t \right  \mathbb{R} \left  \left  \xi \right  - \left  q \right  - \left  \mathbb{R} \right  -$	f   κ   εj   e   -   -   -		f   s   o   t   e   -   -   -
Spanish	e s t r e n - i r -	fregar-		f r o t a r
Italian	- s t r i n d e r e	f r e g a r e		f r e t t a r e
PortugueseBrazil	$\partial \int  \mathbf{t}  \mathbf{r}  \tilde{\mathbf{i}}  -  \mathbf{g}  \mathbf{i}  \mathbf{r}  -  \mathbf{g}  \mathbf{r}  \mathbf{r} $		i f f i g a r	
Portuguese	$\partial \int  \mathbf{t}  \mathbf{r}  \tilde{\mathbf{i}}  \mathbf{g}  \mathbf{i}  \mathbf{r}$		i f f i y a r	
Catalan	ə s t r ε n - ə	f r ə g a		
Walloon	- s t r i n g e	f r oj		f   s   o   t   e   -   -   -
Friulian	- s t r ε 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	e k s t e r g e r e
French		1 a v e		
Spanish	$ \mathbf{f}  \mathbf{r}  \mathbf{i}  \mathbf{s}  \mathbf{a}  \mathbf{r}$	1 a β a r -		e  -  s  t  a  r  s  i  r  -
Italian		l a v a r e	t ε r dg e r e	
PortugueseBrazil		1 e v a r -		
Portuguese		1 e v a r -		
Catalan	f r a s a -	б a b a		
Walloon		1 a v e		
Friulian		1 a v a:		
Romanian		1 a		-   -   f   t   e   r   dz   e   -   -

	ToWipe-Exsucare	ToWine-Limpidare	ToPull	ToPull-Pulsare
Latin		l i m p i d a: r e	t i r a: r e	p u 1 s a: r e
French	e - s y i - j e		t i k e	p u - s e
Spanish	e n x - u g - a r -	l   i   m   p   j   -   a   r   -	t i r a r -	p u - x a r -
Italian	$\begin{bmatrix} a & f & f & f \\ a & f & f \end{bmatrix} - \begin{bmatrix} a & g & f \\ u & g \end{bmatrix} - \begin{bmatrix} a & f \\ a & f \end{bmatrix} = \begin{bmatrix} a & f \\ a & f \end{bmatrix}$	1   1   III   P   J       a   1	t i r a r e	p u l s a r e
PortugueseBrazil		1   1   2   2   2   2   2	t i r a r c	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Portuguese	$\tilde{e} - \int - u y - a r$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	t i r a r -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan	0	1 1 - p - - a 1 -	$\begin{bmatrix} t & 1 & 1 & a & 1 & - \\ t & i & f & a & - & - \end{bmatrix}$	$ \mathbf{p} \mathbf{u}  -  \mathbf{j} \mathbf{a} 1 $
Walloon	3 3			
Friulian				p u: s i:
	J		t   i   r   a:   -   -	p u l s a:
Romanian	Taball Taballa	Ta Durah	Ta Tlanavi	p u l s a
Latin	ToPull-Trahere	ToPush	ToThrow	ToThrow-Lanceare
Latin	t r a h e r e	i m p i n g e r e	j a k t a: r e	l a n k e a: r e
French	$ \mathbf{t} \mathbf{R}  -  - \mathbf{\epsilon} \mathbf{R} $		3 9 - t e	$\begin{vmatrix} 1 & \tilde{\alpha} & - & s & - & e & - & - \end{vmatrix}$
Spanish			- e - tf a r -	$\begin{vmatrix} 1 & a & n & \theta \end{vmatrix} - \begin{vmatrix} a & r \end{vmatrix} - \begin{vmatrix} a & r \end{vmatrix}$
Italian	t r a r - r e	i m p i n d e r e	dg e t t a r e	l a n tf - a r e
PortugueseBrazil			3 ej t a r	1 <del>e</del> - s - a
Portuguese	t r e z e r -		3 ej t a r	1   v   -   s   -   a   r   -
Catalan	$t \mid r \mid \epsilon \mid w \mid - \mid r \mid \vartheta$	$  \mathbf{a}   \mathbf{m}   \mathbf{p}   \mathbf{\epsilon}   \mathbf{n}   -   \mathbf{a}   -   -  $	x   i   -   t   a   -   -	Λ   ə   n   s   -   a   -   -
Walloon			$ d\mathbf{g}  \epsilon  - \mathbf{t}   \mathbf{e} - -$	1 a n c - i:
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 <b>B</b> -
Spanish	a - r a n k a r -	legar-	a - tar-	k   o   -   -   s   -   e   r   -
Italian	arrontfare	l e g a r e		k u tf - i r e
PortugueseBrazil			e - t a r -	k u z - e r -
Portuguese			e - t a r -	k u z - e r -
Catalan				k u z - i
Walloon		1 o j i:		k ø: z
Friulian		1 e - a:		k u z i
Romanian	a   -   r   u   ŋ   k   a   -   -	1 e g a		c oa s - e
	ToCount	ToCount-Enumerare	ToCount-Numerare	ToSay
Latin	k o m p u t a: r e	e: n u m e r a: r e	n u m e r a: r e	d i: k e r e
French	k õ t e	е n u m е в е	п 5 - b в е	d i в -
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	n o v e r a r e	d i r e
PortugueseBrazil	kõtar-	e n u m e r a r -		d i z e r -
Portuguese	kõtar-	e n u m e r a r -		d i z e r -
Catalan	k u m t a	e n u m e r a -	n u m e r a	d i
Walloon	k ő – – t e –	-		q i: R -
Friulian	k o n t a:		n u m e r a:	d i:
Romanian	K O II   t a		n u m a r a	$\begin{bmatrix} \mathbf{d} & \mathbf{i} \\ \mathbf{z} & \mathbf{i} \end{bmatrix} \begin{bmatrix} \mathbf{f} \\ \mathbf{e} \end{bmatrix} - \begin{bmatrix} \mathbf{e} \\ \mathbf{e} \end{bmatrix}$
Nomaman			II u III a I a	Z 1 y C

	ToSay-Exponere	ToSing-AncestralClass	ToPlay-Ludere	ToPlay-Jiocare
Latin	e k s p o: n e r e	k a n t a: r e	1 u: d e r e	j o - k a: r e
French		$\int  \tilde{\alpha}  -  t  e  - -$		3 - w - e
Spanish		kantar-	1   u   d   i   r   -	x   u   -   g   a   r   -
Italian	s p o r - r e	k a n t a r e		dg o - k a r e
PortugueseBrazil		k e - t a r -		3 o - g a r -
Portuguese		k e - t a r -		3 u - y a r -
Catalan		k ə n t a		3 u - g a
Walloon		$ \mathfrak{t}   \mathfrak{a}  -  \mathfrak{t}   \mathfrak{e}  -  \mathfrak{e} $		dg u w - e
Friulian		c a n t a:		dz u j - a:
Romanian	-   -   s   p   u   n   e   -   -	k i n t a		3 u - k a
T COTTIGHTIGHT	ToFloat	ToFloat-Fluitare	ToFlow	ToFlow-Colare
Latin	f l u: k t u a: r e	f l u i t a: r e	f l u e r e	k o: 1 a: r e
French	f l y k t y e		f 1 y e	k u l e
Spanish	f l u g t w a r		f l u i r -	k o l a r
Italian	f l u t t u a r e	f   l   u   i   t   a   r   e	f l u i r e	k o l a r e
	f l u - t u a r e	$ 1   1   \mathbf{u}   1   \mathbf{t}   \mathbf{a}   \mathbf{I}   \mathbf{e} $	f l w i b -	ko-ar-
			$f \mid l \mid w \mid i \mid f \mid -$	
Portuguese Catalan	f l u - t u a r -			ku - a r -
	f   l   u   k   t   u   a  -  -		f   1   u   i   -   -	k u ł a
Walloon				k   o   1   e   -   -
Friulian	C 1			
Romanian	f l u c t u a ToFlow-Excurrere	ToFlow-Currere	ToFreeze	ToFreeze-Glaciare
Latin	e k s k u r r e r e	k u r r e r e	g e l a: r e	g l a - k i a: r e
French	e   K   S   K   U   I   I   e   I   e	k u - k i k -		
	e   -   s   k   u   r   i   r   -   -	ko-rer-	3 9 1 e	g   1   a   -   s   -   e   -   -
Spanish Italian	e - s k u r i r - s k o r r e r e	k o r r e r e	elar-	
			dg e l a r e	g   j   a   t   t   j   a   r   e
PortugueseBrazil	i - \int k o - k e k -	ко-вев-	3 i 1 a r -	
Portuguese	$\begin{vmatrix} \mathbf{i} \end{vmatrix} - \begin{vmatrix} \mathbf{f} \end{vmatrix} \begin{vmatrix} \mathbf{k} \end{vmatrix} \mathbf{u} \begin{vmatrix} \mathbf{g} \end{vmatrix} - \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{f} \end{vmatrix} - \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} \begin{vmatrix} \mathbf{g} \end{vmatrix} \mathbf{g} $	k u - r e r -	3 i 1 a r -	111111111
Catalan	ə   -   s   k   o   -   r   ə   -   -	k   o   -   r   ə   -   -	3   ə   1   a   -   -	g   1   ə   -   s   -   a   -   -
Walloon		1	dg   a   1   e   -   -	1
Friulian	s k o - r i:	k o - r i		g   1   a   -   tf   -   a:   -   -
Romanian	- skurde	kurdge	T O 11 1 0	T 0 " 0 "
Latin	ToFreeze-Inglaciare i n g l a k i a: r e	ToSwell	ToSwell-Inflare i n f l a: r e	ToSwell-Conflare
Lauii	1   11   y   1   a   K   1   a:   f   e	a g m e n t a: r e	1   11   1   1   a:   1   e	-   k   -   o   n   f   1   a:   r   e
French		$\begin{bmatrix} \dot{\mathbf{u}} \\ \dot{\mathbf{o}} \end{bmatrix} \mathbf{g} \mathbf{m} \tilde{\mathbf{a}} - \mathbf{t} \mathbf{e} - \mathbf{e}$	$ \tilde{a}  -  f   1   e  -  -$	-  g  -  õ  -  f   1  e  -   -
Spanish		-   "     -   -   -   -   -	$\begin{vmatrix} \mathbf{a} & \mathbf{r} & \mathbf{r} \\ \mathbf{i} & \mathbf{n} \end{vmatrix} \mathbf{f} \begin{vmatrix} \mathbf{r} & \mathbf{a} \\ \mathbf{r} \end{vmatrix} \mathbf{r} $	
Opariisii			1   11   y   -   a   1   -	
Italian		a m e n t a r e -	e n f i a r e	-   g   -   o   n   f   j   a   r   e
italian		u iii e ii e u i e		
PortugueseBrazil		âgmentar-	$ \tilde{\mathbf{i}}  -  \int  - \mathbf{a}  \mathbf{f} $	
J		u g o o u .	J   1   -	
Portuguese		âgmentar-	$ \tilde{\mathbf{i}}  -  \int  - \mathbf{a}  \mathbf{f} $	
J		ų , , , , , , , , , , , , , , , , , , ,	3	
Catalan		âugmenta-	i m f 1 a	
Walloon			ẽ - f 1 e	-   q   -   õ   -   f   1   e   -   -
Friulian			e n f l a:	$ \begin{vmatrix} - & g & - & \tilde{o} & - & f & 1 & e & - & - \\ z & g & 1 & o & \eta & f & - & a: & - & - \end{vmatrix} $
Romanian	i n g - e ts - a		u m f l a	- J     J
	J			

	ToSwell-Intumescere	ToSwell-Crescere	ToBurn-Brojan	ToBurn-Cremare
Latin	i n t u m e: s k e r		Í	k r e m a: r e
French		k	b в у 1 е	k в a m e
Spanish	$ e  n  t  u  m  e  \theta  e  r $	k r - e θ - e r -	-  -  -  -  -  -  -  -  -  -  -  -  -	k - e m a r -
Italian		$ \mathbf{k}  \mathbf{r} - \mathbf{e} \int \int \mathbf{e} \mathbf{r} \mathbf{e}$	b r u tf a r e	k r e m a r e
PortugueseBrazil	î   -   t   u   m   e   s   -   e   r	kr-es-es-		k - ej m a r e
Portuguese		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		k - ej m a r e
Catalan	1   -   t   u   III   e   S   -   e   1			
		$ \mathbf{k} \mathbf{r}  -  \mathbf{e}  -  \mathbf{f} \mathbf{a}  -  \mathbf{e} $	1   1   1   1	k r ə m a
Walloon			b к u: 1 e	
Friulian			b   r   u   z   a:   -   -	
Romanian		k r - e f t e		
	ToBurn-Flammare	ToBurn-Ardere	ToBurn-Flagrare	ToBurn-Incendere
Latin	f 1 a m m a: r e	a r d e: r e	f l a g r a: r e	i n k e n d - e r e
French	f   1   a   -   m   e   -   -	a   R   q   -   R   -	f 1 a g в е	$\left  \begin{array}{c c c c c c c c c c c c c c c c c c c $
Spanish		a r d e r -	f l a g r a r -	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
Italian	f j a m m a r e	a r d e r e	f l a g r a r e	i n tf ε n d j a r e
PortugueseBrazil		а к q в к -	f 1 a g к а к -	ĩ - s e n th I a r -
Portuguese		g r d e r -	flagrar-	ĩ - s ẽ - d j a r -
Catalan	f   1   a   -   m   a   -   -			ə n s e n d r ə
Walloon				
Friulian	f   1   a   -   m   a:   -   -			
Romanian	12   2   66     122   66	a   r   d   e   -   -		i n tf i n d 3 e
rtornaman	ToBurn-	All	All-Totus	Many
	AncestralClass8	All	All-10tus	ivially
Latin	u s t u l a: r e	o m n e: s	t o: - t u s	m u l t u s
French			t   u   -   -   -	m u
Spanish			t o - d o -	m u - tf o -
Italian	u s t o l a r e	o n n i -	t u t t o -	m o 1 t o -
PortugueseBrazil			t o - d u -	m ũ j - t u
Portuguese			t o - ð u -	m ũ j - t u
Catalan			t o - t	m o 1
Walloon			t o t	
Friulian			d u - t	m o 1 c
Romanian				
1 VIII al II al II	u s t u r a	Some	t o - t	m u 1 t Other
Latin	Many-Tantus	Some		
Latin	$t \mid a \mid n \mid t \mid u \mid s$		p a k u s	a   1   t   e   r   -
French		o - k œ	$p \begin{vmatrix} \mathbf{a} \\ \mathbf{o} \end{vmatrix} -  - - $	o - t - r -
Spanish	tanto-			
		a l g u n o	p o k o -	
Italian	t a n t o -	a l k u n o	p o k o -	a 1 t - r o
PortugueseBrazil	t e - t u -	$\begin{vmatrix} a & y & g & \tilde{u} \\ \ddots & \ddots & \ddots \end{vmatrix}$	p o w k u	o w t - r u
Portuguese	t e - t u -	$\begin{vmatrix} \mathbf{a} & \mathbf{l} & \mathbf{g} & \mathbf{\tilde{u}} \end{vmatrix} = \begin{vmatrix} \mathbf{r} & \mathbf{l} & \mathbf{l} \end{vmatrix}$	p o w k u	owt-ru
Catalan	t   a   n   t   -   -	ə   1   g   u   -   -	p   3   k   -   -	a 1 t - r ə
Walloon			p   õ   -   -	
Friulian	t   a   n   c   -   -		p   o:   k   -   -	a 1 t - r i
Romanian				a 1 t

	Other-Alius	Big	Big-Grandem	Big-Majjorem
Latin	a l i u s	m a g n u s	g r a n d e m	m aj j o: r e m
French			g r g	
Spanish		m a - n o -	grande-	
Italian		mappo-	g r a n d e -	
PortugueseBrazil	a  w  -   -   -	1 13 13 1 1	g r e - d i -	
Portuguese	a 1		grē-di-	
Catalan			g r a n	
Walloon			$\frac{d}{d} R \left  \frac{d}{d} \right  - \left  - \right  - \left  - \right $	
Friulian			g r a n t	
Romanian			3	m a r e
	Long-Longum	Long-Largum	Wide	Wide-Amplum
Latin	1 o - n g u s	l a r g u s	l a: t u s	a m p 1 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 -	a n f - o -
Italian	1 u - n g o -	1 a r g o -	1 a t o -	ampjo-
PortugueseBrazil	1 o - g u	1 а в g и -	1 a t u -	$ \widetilde{\mathfrak{e}}  -  \int  - \mathbf{u}  -$
Portuguese	1   õ   -   g   u   -   -	1 a r g u -	latu-	$ \tilde{e}  -  \int  - u  -$
Catalan	Λ o - ŋ	Λark		a m p 1 ə -
Walloon	1   õ   -   -   -   -			
Friulian	1 u n k	1 a r k		
Romanian	1 u n g	1 a r g	1 a t	
	Thick	Thick-Spissum	Thick-Gurdum	Thick-Grossum
Latin	k r a s s u s	- s p i s s u s	g u r d u s	g r o - s s u s
French	g R a	e - p e		
Spanish	g r a - s o -	e s p e s o	gordo-	
Italian	g r a s s o -	- s p e s s o -		g r o - s s o -
PortugueseBrazil		i s p ε - s u -		g r o - s u
Portuguese	$g \mid f \mid a \mid - \mid \int \mid u \mid - \mid$	$ i  \int p e - s u -$		g r o - s u
Catalan	$g \mid r \mid a \mid - \mid s \mid - \mid - \mid$	$  a   s   p   \epsilon   -   s   -   -  $		g r s
Walloon		-   s   p   ε   -   -   -		
Friulian	g r a s			g r w ε s
Romanian	g r a s			g r o - s
1 0	Heavy	Heavy-Lurdus	Small	Small-Pittinus
Latin	g r a - w i s	l u r d u s	p i t t i t u s	p   i   t   t   i   n   u   s
French	g κ i j ε f	1 u r	p   ə   -   t   i   -   -   -	
Spanish	g r a b e -	1 e r d o -		p e - k e p o -
Italian	$g \mid r \mid \epsilon \mid - \mid - \mid v \mid e \mid - \mid$	1 o r d o -		p i t t i n o -
PortugueseBrazil	g r a v i -	1 e r d o -		p e - k e n u -
Portuguese	g r a v i -	1 e r d o -		p   i   -   k   e   n   u   -
Catalan	$g \mid f \mid e \mid - \mid - \mid w \mid - \mid - \mid$		p ə t i t p i - t i	
Walloon	g r a v		p   i   -   t   i   -   -   -	
Friulian	$g \mid r \mid \epsilon \mid - \mid - \mid v \mid i \mid -$			
Romanian	g r e w			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 r	p R ε t	
Spanish		korto-	brebe-	angosto-
Italian	p i k k o 1 o -	k o r t o -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	a n g u s t o -
PortugueseBrazil		k u r t u -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
Portuguese		kurtu-	b r e v i -	
Catalan		kurt	b r e w	
Walloon				
		k n: R	b   в   е   f   -   -	
Friulian	p i - tf u 1 - -			
Romanian	Names Ctriatus	Thin	Thin Delicatus	i n g u s t
Lotin	Narrow-Strictus	Thin	Thin-Delicatus	Thin-Subtilis
Latin		sm i n u: - t u s	d e: l i k a: t u s	s   u   b   t   i:   l   e   m
French	e - t k w a	m ə n y	d u: 3 e:	
Spanish		m e n u - d o -	d e l - y a ð o -	s u - t i 1
Italian		m i n u - t o -	d e l i k a t o -	s o t t i l e -
PortugueseBrazil		m i - u - d u -	d e w - g a d u -	s u - t i w
Portuguese		m i - u - ð u -	$d \hspace{.1cm} \mid \hspace{.1cm} \epsilon \hspace{.1cm} \mid \hspace{.1cm} t \hspace{.1cm} \mid \hspace{.1cm} - \hspace{.1cm} \mid \hspace{.1cm} \gamma \hspace{.1cm} \mid \hspace{.1cm} a \hspace{.1cm} \mid \hspace{.1cm} \delta \hspace{.1cm} \mid \hspace{.1cm} u \hspace{.1cm} \mid \hspace{.1cm} - \hspace{.1cm} $	s u - tf i w - -
Catalan	ə s t r - ε - t -	-m ə n u - t	d   ə   1   i   k   a   t   -   -	s u p t i 1
Walloon	- s t r - 0:	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 - i m - t -	m ə r u n t		s u b ts i r e -
	Warm	Cold	Cold-Recens	Full
Latin	k a l i d u s	f r - i: g i d u s	r e k - e n t e m	p l e: n u s
French	$\int  \mathbf{o}  -  - - - -$	f   k   w   a   -   -   -   -		
French Spanish			$ \mathbf{r}   \mathbf{e}   \mathbf{\theta}   \mathbf{j}   \mathbf{e}   \mathbf{n}   \mathbf{t}   \mathbf{e}  -$	
	∫ o	f   k   w   a   -   -   -   -   -		$\begin{bmatrix} \mathbf{p} & \mathbf{l} & \mathbf{\tilde{\epsilon}} & - & - & - \\ - & \mathbf{\Lambda} & \mathbf{e} & \mathbf{n} & \mathbf{o} & - \end{bmatrix}$
Spanish Italian		f в w a	$ \begin{vmatrix} r & e & \theta & j & e & n & t & e & - \\ r & e & tf & - & \epsilon & n & t & e & - \end{vmatrix} $	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Spanish		f r w a	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Spanish Italian PortugueseBrazil		f x w a	$ \begin{vmatrix} r & e & \theta & j & e & n & t & e & - \\ r & e & tf & - & \epsilon & n & t & e & - \end{vmatrix} $	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Spanish Italian PortugueseBrazil Portuguese Catalan	f     o     -     -     -     -       k     a     l     -     d     o     -       k     a     l     -     d     u       k     a     l     -     d     u       k     a     l     -     -     -	f κ w a	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	\int \( 0 \) - \( - \) - \( - \) - \( - \) - \( \) - \( \) \	f x w a	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian		f κ w a	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	\int \( 0 \) - \( - \) - \( - \) - \( - \) - \( \) - \( \) \	f x w a	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian		f x w a	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	Solution       Solution <td< td=""><td>f x w a</td><td>  r   e   θ   j   e   n   t   e   - r   e   t   - ε   n   t   e   - ε   n   t   e   - ε   ε   ε   ε   ε   ε   ε   ε   ε  </td><td><math display="block">\begin{array}{cccccccccccccccccccccccccccccccccccc</math></td></td<>	f x w a	r   e   θ   j   e   n   t   e   - r   e   t   - ε   n   t   e   - ε   n   t   e   - ε   ε   ε   ε   ε   ε   ε   ε   ε	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French	Solution       Solution <td< td=""><td><math display="block"> \begin{array}{cccccccccccccccccccccccccccccccccccc</math></td><td><math display="block"> \begin{array}{c ccccccccccccccccccccccccccccccccccc</math></td><td><math display="block">\begin{array}{cccccccccccccccccccccccccccccccccccc</math></td></td<>	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil	S   S   S   S   S   S	f κ w a	r e θ j e n t e - r e ʧ - ε n t e - κ e s - ẽ - ʧ i - κ e s - ẽ - ʧ i - κ e s - ẽ - ʧ i - κ e s - ο ο ο ο ο b - ο n u s b - ο ο υ u s b w ε n ο - b w σ n ο - b - ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	f κ w a	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	S   O   O   O   O   O   O   O   O   O	f κ w a	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	S   O   O   O   O   O   O   O   O   O	f κ w a	r   e   θ   j   e   n   t   e   - r   e   t   - ε   n   t   e   - π   t   e   - π   t   e   - π   t   e   - π   t   e   - π   t   e   - π   t   e   - π   t   e   - π   t   e   - π   t   e   - π   e   t   f   e   - π   - π   e   t   f   - π   e   t   π   t   - π   e   t   π   t   - π   e   t   π   t   - π   e   t   π   t   - π   e   t   π   t   - π   e   t   π   t   - π   e   t   π   t   - π   e   t   π   t   - π   e   t   π   t   - π   e   t   π   t   π   e   π	p 1 ε
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	S   O   O   O   O   O   O   O   O   O	f κ w a	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

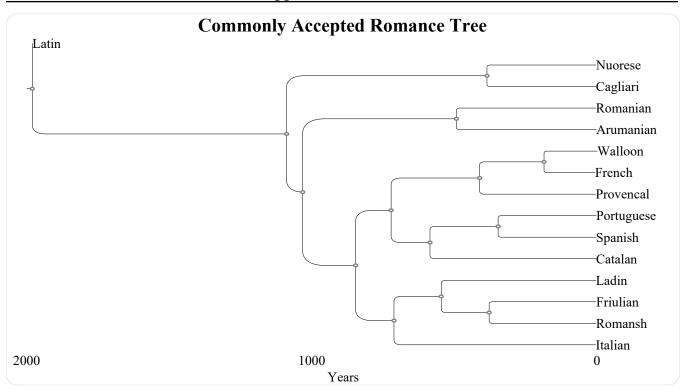
	Rotten	Rotten-Putrem	Dirty	Dirty-Spurcus
Latin	p u t r i d u s	p u t r e m	s o r d i d u s	- s p u r c u s
French				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Spanish	poðriðo-	poðre-	sordido-	
Italian	p u t r i d o -		s o r d i d o -	-   s   p   o   r   k   o   -
PortugueseBrazil		podri-	s o r d i d u -	i s p u r k u -
Portuguese		poðri-	s   2   1   d   i   d   u   -	i
Catalan	p   u   ð   r   i   t   -   -			
Walloon				
Friulian				- s p o r k
Romanian	p u t r e d			- s p u r k
	Straight	Round	SharpAsAKnife	DullAsAKnife
Latin	d i: r - e: k t u s	r o t u n d u s	a k u: t u s	h e b e t e m
French	d   -   r   w   a   -   -   -   -	R Q		
Spanish		r e d o n d o -	$ a \gamma u \delta o $	
Italian	d   -   r   -   i   t   t   o   -	r i t o n d o -		ε   b   e   t   e   -   -
PortugueseBrazil		R G Q Q - Q U -	x	
Portuguese	d i r - ej - t u -	$ \mathbf{R}  \mathbf{i}  \mathbf{q}  \mathbf{o} -  \mathbf{q}  \mathbf{n} -$	e y u ð u -	
Catalan	d - r - ε - t	r ə d o	$\left  \left  \left  \left  \left  \left  \left  \left  \left  \left  \right  \right  \right  \right  \right  \right  \right  - \left  \left  \left  \left  \left  \left  \left  \left  \left  \left  \left  \right  $	
Walloon	d - r - ø:	r õ		
Friulian	d - r - ε - t	t a r o n t		
Romanian	d - r - e p t	rətund-	O Ale Nist day	\\\ - 4
Letie	DullAsAKnife-Retusus		Smooth-Nitidus	Wet
Latin French	r e t u s u s	s u a w e m	n i t i d u s	u: m i d u s
Spanish			$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
Italian	retuzo-	soave-	n e t - t o -	u m i d o -
PortugueseBrazil		s o a v e	n ε dz u	
Portuguese			n ε dg u	
Catalan		s u a w	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
Walloon			11 0 1	
Friulian			n   ε   t   -   -   -	u   m   i   d   -   -
Romanian			n e t e d	u m e d
	Wet-Udus	Dry	Correct	Near
Latin	u: d u s	s i k k u s	k o r r e: k t u s	p r o k s i m u s
French		s ε - k		
Spanish		s e - k o -		p   r   o   x   -   i   -   -   m   o
Italian		s e k k o -	k o r r e t t o -	p r o s s i m o
PortugueseBrazil		se-ku-		p r o s i m u -
Portuguese		se-ku-		p r o s i m u -
Catalan		s ε k		p r o i z m e -
Walloon		$ s \epsilon tf - - - $		
Friulian		s ε - k		p   r   o   -   s   i   -   -   m   -
Romanian	u d	s e k		

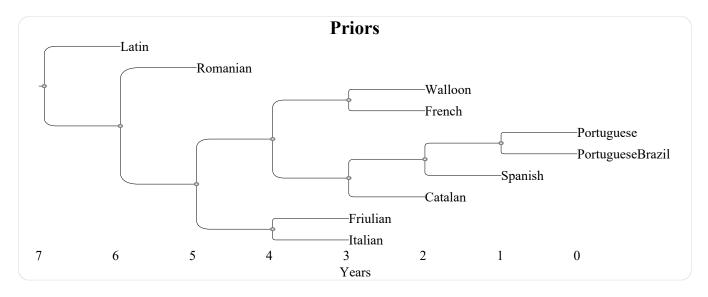
	Near-AdPrope	Near-Pressus	Near-Vicinus	Near-Circa
Latin	a d p r o p r e	presuus	w - i: k i: n u s	k i r k a
French		b R 6	$ \mathbf{v}   \mathbf{w}   \mathbf{a}   \mathbf{z}   \mathbf{\tilde{\epsilon}}  -  \mathbf{c}  -  \mathbf{c} $	$\theta \mid e \mid r \mid k \mid a$
Spanish			$b - e \theta i n o -$	
Italian		$p \mid r \mid \epsilon \mid s \mid s \mid o \mid$	v - i   f   i   n   o	
PortugueseBrazil			v - i z i n u -	
Portuguese			v - i z i n u -	
Catalan	a   -   p   r   a   p   -   -		b - ə - i	
Walloon Friulian		p   r   ε   -   -   -	v - i 3 ē	
Romanian	a - p r oa p - e		v - i tf i n v - e tf i n	
Nomanian	a produpe		V   -   E   Y   I   II   -   -	
	Far	Right-Dextrem	Left	Red
Latin		d   -   e   k   s   t   r   u   m	s i n - i s t r u m	r u s s u s
French	$ 1 \mathbf{w} \tilde{\epsilon}  -  t \tilde{\epsilon}  -  -$		s   ə   n   -   ε   s   t   в   -   -	в u
Spanish		d j e - s t r o -	s i n j e s t r o -	r o - x o -
Italian	1  - $ o $ $ n $ $ t $ $ a $ $ n $ $ o $	$\begin{vmatrix} d - \epsilon - s t r - c \end{vmatrix}$	s i n - e s t r o -	r o s s o -
PortugueseBrazil		$d - \varepsilon - s t r u -$	$ s  -  -  -  \epsilon  \int_{\epsilon}  t  r  u  -$	$ \mathbf{R}   \mathbf{O}  -  \mathbf{\hat{U}}   \Omega  -$
Portuguese		$d - \epsilon - \int t \cdot u -$	$ s  -  - - \epsilon  \int  t  r u $	в o - J u -
Catalan	$ \Lambda  -  u  n  t  a  - -$	d   -   e   -   s   t   r   ə   -		r   o   -   s   -   -
Walloon Friulian	1     -   -   4   -   -			
Romanian	1 - o n t a n -	d   j   e   -   s   t   r   i   -	s   i   n   -   e   s   t   r   i   -	$\begin{vmatrix} \mathbf{r} & \mathbf{o} & - & \mathbf{s} & - & - \\ \mathbf{r} & \mathbf{o} & - & \mathbf{f} & \mathbf{u} & - \end{vmatrix}$
TOHAHAH	Red-Vermiculus	Red-Rubeus	Green	Yellow
Latin	v e r m i k u l u s	r u - b e u s	w i r i d e m	g a l b i n u s
French	-	в u - з		
FIGUUI	v ε κ m εj	B u 5	v e r	3 o n
Spanish	v ε κ m εj	r u - b j o -	p e t - q e -	3   0   -   -   -   n   -   -
	b e r m e x o v e r m i x - x o -	r u - b j o - r o b b j o -	b e r - d e - v e r - d e -	3 0 - -  n - -
Spanish Italian PortugueseBrazil	b e r m e x o v e r m e K u -	r     u     -     b     j     o     -       r     o     b     j     o     -       r     u     -     b     e     o     -	b e r - d e - v e r - d e - v e r - d i -	3 0 - -   n - -
Spanish Italian PortugueseBrazil Portuguese	b e r m e x o v e r m i ¼ - ¼ o v e r m e ¼ u - v i r m ej ¼ u -	r u - b j o - r o b b j o - r u - b e o - r u - b e o -	b e r - d e - v e r - d e - v e r - d i - v e r - d i -	3 0 - -   n - -
Spanish Italian PortugueseBrazil Portuguese Catalan	b e r m e x o v e r m e K u -	r u - b j o - r o b b j o - r u - b e o - r u - b e o - r u - dz e	b e r - d e - v e r - d e - v e r - d i - v e r - d i - v e r - d i -	
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	b e r m e x o v e r m i ¼ - ¼ o v e r m e ¼ u - v i r m ej ¼ u -	r u - b j o - r o b b j o - r u - b e o - r u - b e o -	p       e       t       -	3 0 - - n - -  dz ε - - n - -
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	b e r m e x o v e r m i ¼ - ¼ o v e r m e ¼ u - v i r m ej ¼ u -	r u - b j o - r o b b j o - r u - b e o - r u - b e o - r u - d e - r u - d	b e r - d e - v e r - d e - v e r - d i - v ε r - t - v ε r - t - v ε r - t -	cg  ε   -   -   n   -   -
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	b       e       r       m       e       x       o       -       -       -         v       e       r       m       i       λ       -       λ       o       -         v       e       r       m       e       -       λ       u       -         v       i       r       m       e       -       λ       u       -         b       a       r       m       e       -       λ       -       -	r u - b j o - r o b b j o - r u - b e o - r u - b e o - r u - dz e - r o - tf r oj - b	b       e       r       -       d       e       -         v       e       r       -       d       e       -         v       ε       r       -       d       i       -         v       ε       r       -       d       i       -         v       ε       r       -       t       -       -         v       ε       r       -       t       -       -         v       ε       r       -       t       -       -         v       ε       r       -       t       -       -	dg  ε   -   -   -   n   -   -   -     g   a   1   b   e   n   -   -
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	b e r m e x o	r u - b j o - r o b b j o - r u - b e o - r u - b e o - r u - dg e - r o - tf Yellow-Croceus	b e r - d e - v e r - d e - v e r - d i - v e r - d i - v e r - d i - v e r - d i - v e r - d i - v e r - d e -	d <sub>3</sub>  ε - - n - -  g a 1 b e n - - One
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	b       e       r       m       e       x       o       -       -       -         v       e       r       m       i       λ       -       λ       o       -         v       e       r       m       e       -       λ       u       -         v       i       r       m       e       -       λ       u       -         b       a       r       m       e       -       λ       -       -	r u - b j o - r o b b j o - r u - b e o - r u - b e o - r u - dz e - r o - tf r oj - b	b       e       r       -       d       e       -         v       e       r       -       d       e       -         v       ε       r       -       d       i       -         v       ε       r       -       d       i       -         v       ε       r       -       t       -       -         v       ε       r       -       t       -       -         v       ε       r       -       t       -       -         v       ε       r       -       t       -       -	d <sub>3</sub>   ε   -   -   n   -   -   -
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French	b e r m e x o	r u - b j o - r o b b j o - r u - b e o - r u - b e o - r u - dg e - r o - tf Yellow-Croceus	b e r - d e - v e r - d e - v e r - d i - v e r - d i - v e r - d i - v ε r - t - v ε r - t - v ε r - d e -  V hite a l b u s	dg  ε   -   -   -   n   -   -   -
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish	b e r m e x o	r u - b j o - r o b b j o - r u - b e o - r u - b e o - r u - dz e - r o - tf  Yellow-Croceus k r o k e u s	b e r - d e - v e r - d e - v e r - d i - v e r - d i - v e r - d i - v ε r - t - v ε r - t - v e r - d e -  White a l b u s	dg   ε   -   -   -   n   -   -   -     -     -     -     -     -     -     -     -     -     -     -     -     -     -       -   -     -     -     -     -     -     -     -     -     -     -   -     -
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French	b e r m e x o	r u - b j o - r o b b j o - r u - b e o - r u - b e o - r u - dg e - r o - tf Yellow-Croceus	b e r - d e - v e r - d i - v e r - d i - v e r - d i - v e r - d i - v e r - d i - v e r - d e -  v e r - d e -  v e r - d e -  v e r - d e -  White a l b o - a l b o -	dg   ε   -   -   -   n   -   -   -     -     -     -     -     -     -     -     -     -     -     -     -     -     -       -     -     -       -     -         -     -         -     -         -     -           -       -         -       -       -         -       -       -       -       -       -       -       -     -     -       -     -     -     -     -     -     -     -       -
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian	b   e   r   m   e   x   o   -   -   -     v   e   r   m   i   Λ   -   Λ   o   -     v   e   β   m   e   -   -   Λ   u   -     v   i   r   m   e   -   -   Λ   u   -       b   a   r   m   ε   -   Λ   -   -	r u - b j o - r o b b j o - r u - b e o - r u - b e o - r u - dz e - r o - tf  Yellow-Croceus k r o k e u s	b e r - d e - v e r - d e - v e r - d i - v e r - d i - v e r - d i - v ε r - t - v ε r - t - v e r - d e -  White a l b u s	dg   ε   -   -   -   n   -   -   -     -     -     -     -     -     -     -     -     -     -     -     -     -     -       -   -     -     -     -     -     -     -     -     -     -     -   -     -
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil	b   e   r   m   e   x   o   -   -   -     v   e   r   m   i   Λ   -   Λ   o   -     v   e   μ   m   e   -   -   Λ   u   -     v   i   r   m   e   -   -   Λ   u   -       b   ə   r   m   ε   -   Λ   -   -	r u - b j o - r o b b j o - r u - b e o - r u - b e o - r u - dz e - r o - tf  Yellow-Croceus k r o k e u s	b e r - d e - v e r - d i - v e r - d i - v e r - d i - v e r - d i - v e r - d i - v e r - d e -  v e r - d e -  v e r - d e -  v e r - d e -  White a l b o - a l b o - a w v u -	dg   ε   -   -   n   -   -   -       -       -       -       -     -     -     -     -     -     -     -     -     -       -     -     -       -     -       -       -       -       -       -       -       -       -       -         -         -         -         -         -           -           -
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	b   e   r   m   e   x   o   -   -   -     v   e   r   m   i   Λ   -   Λ   o   -     v   e   μ   m   e   -   -   Λ   u   -     v   i   r   m   e   -   -   Λ   u   -       b   ə   r   m   ε   -   Λ   -   -	r   u   - b   j   o   -   r   u   - b   e   o   -     r   u   - b   e   o   -     r   u   - b   e   o   -	b e r - d e - v e r - d e - v e r - d i - v e r - d i - v e r - d i - v e r - t - v ε r - t - v ε r - t - v ε r - d e -  White a l b o - a l b o - a w v u - a l v u -	dʒ ε   -   -   n   -   -   -
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian  Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	b   e   r   m   e   x   o   -   -   -     v   e   r   m   i   Λ   -   Λ   o   -     v   e   μ   m   e   -   -   Λ   u   -     v   i   r   m   e   -   -   Λ   u   -       b   ə   r   m   ε   -   Λ   -   -	r   u   - b   j   o   -   r   u   - b   e   o   -     r   u   - b   e   o   -     r   u   - b   e   o   -	b e r - d e - v e r - d e - v e r - d i - v e r - d i - v e r - d i - v e r - t - v ε r - t - v ε r - t - v ε r - d e -  White a l b o - a l b o - a w v u - a l v u -	dʒ ε   -   -   n   -   -   -     n   -   -

	Two-Duos	Two-Duae	Two-Duas	Three
Latin	d u o: s	d u - aj	d u a s	t r - e: s
French	d - ø -	4   4   4   4   4   4   4   4   4   4		t k w a -
Spanish	d o s			t r - e s
Italian	u   0   3	du-e		t r - e -
PortugueseBrazil	d - oj s	u u c	d u e s	t r e s
Portuguese	d - oj \$		d u e s	$\begin{bmatrix} t & 1 & - & e & s \\ t & r & - & e & s \end{bmatrix}$
Catalan	d - o s		u u e j	•
Walloon				
Friulian				
	3	d o w ə		t r - e: -
Romanian	d - oj - Four	Five	Here	t r - ej - There
Lotin			e k k u m h i: k	i l l a: k
Latin	$\mathbf{k}^{\mathbf{w}}$ - $\mathbf{a}$ $\mathbf{t}$ $\mathbf{t}$ $\mathbf{w}$ $\mathbf{o}$ $\mathbf{r}$ -	k <sup>w</sup> i: n k <sup>w</sup> - e	-   e   K   K   U   M   N   I   K	1   1   1   a:   K
French	k - a - t в -	s	i   -   -   s   -   -   i   -	-   -   1   a   -
Spanish	kwa-t-ro	$\theta$ i n k - o	- a - k i -	a - j a -
Italian	k w a t t r o	tf i n k w e	k w i -	-   -   1   a   -
PortugueseBrazil		$\begin{vmatrix} \mathbf{s} & \mathbf{\tilde{i}} & -\mathbf{k} & -\mathbf{u} \end{vmatrix}$	- a - k i -	-   -   1   a   -
Portuguese	kwa-t-ru	$\begin{vmatrix} s & \tilde{i} \\ s & \tilde{i} \end{vmatrix} - \begin{vmatrix} k \\ k \end{vmatrix} - \begin{vmatrix} u \\ u \end{vmatrix}$	- k - i -	-   -   1   a   -
Catalan	k w a - t r ə	s i n k	- a - k i -	$\begin{vmatrix} \mathbf{a} \\ \mathbf{a} \end{vmatrix} - \begin{vmatrix} \mathbf{a} \\ \mathbf$
Walloon	k w a - t	s e - k	a     x       1	$\begin{vmatrix} a & a \\ - & 1 \end{vmatrix} = \begin{vmatrix} a & a \\ 1 \end{vmatrix} = \begin{vmatrix} a & a \end{vmatrix}$
Friulian	k w a - t r i	tf i n k	-   a   -   k   -   -   i   -	*   *
Romanian	p - a - t r u	tf i n tf	α   K     1	-   -   1   a   -
. torriarriarr	There-Ibi	There-Adlbi	Who-Qui	Who-Quem
Latin	i b i:	THOIC / MIDI	kw - i s	kw - e m -
Latin			K I S	K C III
French			k - i -	
Spanish		a i	K     I	k   j   e   n   -
Italian	$-  \mathbf{v}  \mathbf{i}$	a   1	k   -   i   -	K   J   E   II
PortugueseBrazil	V 1	a i	K I	
Portuguese		e i		k - ej k - ej
Catalan		0 1	k - i -	
Walloon			k - i: -	
Friulian			k w i -	
Romanian			K   W   1   -	tf - i n e
Nomaniali	What	When-Quando	How-Quomodo	Not
Latin	kw - i d	kw - a n d o:		
Lauii	r - I u		K 0. 111 0 U 0	n o n
French	k w a -	$ \mathbf{k}  -  \tilde{\mathbf{a}}  -  - -$	k o m ã	$ \mathbf{n} \tilde{\mathfrak{o}} $ -
Spanish	k - e -	k w a n d o	k o m o	n o -
Italian	k - e -	k w a n d o	k o m e	n o n
PortugueseBrazil	k - e - k - i -	k w e - d u	k o m u	$\begin{array}{c c} n & o & n \\ n & \tilde{\varepsilon} & - \end{array}$
TOTTUGUESEDIAZII	K   1		K O III U -   -	$\widetilde{\mathbf{w}}$
Portuguese		$ \mathbf{k} \mathbf{w} \tilde{\mathbf{e}}  -  \mathbf{d} \mathbf{u}$	k o m u	$n \begin{vmatrix} \mathbf{w} \\ \tilde{\mathbf{e}} \end{vmatrix}$ -
. 5.1494500				$\hat{\mathbf{w}}$
Catalan	k   -   e   -	k w a n	k   o   m   -   -   -	n o -
Walloon	k w E:	k w a n d -	k o m ε	$n \mid \tilde{\mathfrak{I}} \mid -$
Friulian	tf - e -	k w a n t -	tf e m u: t -	n o -
Romanian	tf - e -	k - i n d -	k u m	n u -
1 COLLINGIA I	y C	1   1   1   1   1   1   1   1   1   1	0 111	4

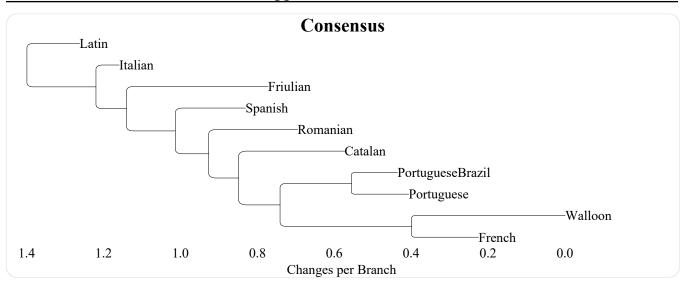
	Not-Nec	At	In-In	In-Deintus
Latin	n e k	a d	i n	d e i n t u s
French	n i -	a -		$ \mathbf{d}  \tilde{\mathbf{a}}  $ - $ $ - $ $ - $ $ -
Spanish	n i -	a -	e n	
Italian	n e -	a -	i n	
PortugueseBrazil	n ej -	a -	ẽj –	
Portuguese	n $ \tilde{e}\tilde{j} $ -	- <b>g</b>	ej -	
Catalan	n i -	a -	ə n	d   i   -   n   -   -   s
Walloon	n e -	a -		
Friulian		a -		
Romanian		a -	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		$ \mathbf{a} \mathbf{v} $ - $ \mathbf{e} \mathbf{k}$	e -	s i -
Spanish	k o n		i   -	s i -
Italian	k o n		e -	s i -
PortugueseBrazil			i   -	s î -
Portuguese	k   õ   -		i   -	s î –
Catalan			i -	s i -
Walloon		a v - u -	ε -	s i -
Friulian			e -	S   İ   -
Romanian	k u -		e -	∫   i   -
	Because-Quod			
Latin	k <sup>w</sup> o d			
French	k ə -			
Spanish	k e -			
Italian	k e -			
	k i -			
Portuguese	k i -			
Catalan	k ə -			
Walloon	k i: -			
Friulian	k e -			
Romanian	k ə -			

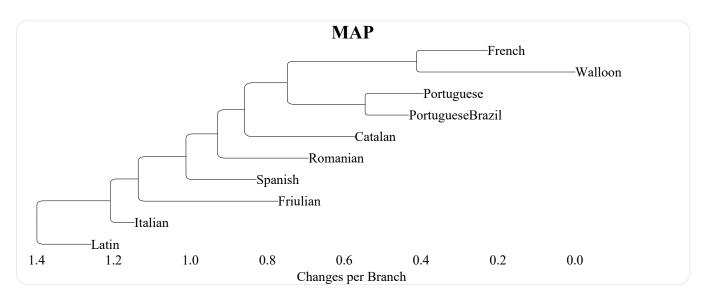
#### Appendix 4 - Results





#### Appendix 4 - Results





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