Understanding Language Evolution Using an Event-Based Model

Appendices

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

Appendix 1 - Character Assignments

Each segment gets a different number

Appendix 2 - Partition Assignments

Model: "Linguistically Informed"

1 Nasal Vowel

ẽj ố ã ĩ ẽ ẽj ố ẽ ố: ẽ: ẽu ẽ ũ cẽ ẽw

2 Vowel

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

3 Nasal Consonant

nmŋŋĵ

4 Non Sylabic Sonorant

wjlr

5 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 β ł ų dz g g w c k j γ k w μ ι ç

	1	We	YouPlural	YouSingular
Latin	- e g o:	n or - s -	w or - s	t u:
French	3 9	n u	v u - -	t y
Spanish	j o	n o - s -	b o - s	t u
Italian	i 0	n o: i	v o i -	t u
PortugueseBrazil	- e - w	n o j - s	v o j s	t u
Portuguese	- e - w	$ \mathbf{n} \mathbf{o} - \mathbf{f} -$	$ \mathbf{v} \mathbf{o} - \mathbf{f} $	t u
Catalan	3 5		b u - s	t u
Walloon	ф I	n o	vo - s	t y
Friulian	j o	n o:	v or	t u
Romanian	j e - w	n oj - - -	v oj - -	t u
	YouSingular-	Woman	Woman-Mulier	Woman-Domina
	VostramMercedem			
Latin		f e: - m i - n - a	m u l i e r e m	d o m i n a
French		f a - m		d a m
Spanish	- u s t e d	- e - m - b r - a	m u x - e r	d o n a
Italian		f e m m i - n - a	$\mathbf{m} \mid \mathbf{o} \mid \mathbf{\Lambda} \mid \mathbf{\Lambda} \mid \mathbf{e} \mid - \mid - \mid - \mid$	d o n - n a
PortugueseBrazil		f e - m e v	m u \(\frac{1}{2} \) - e \(\mathbf{R} \)	d o n e
Portuguese	v o s - e -	f e - m j e	m u A - e r	d o n e
Catalan	$ \mathbf{v} \mathbf{o} \mathbf{s} \mathbf{t} \mathbf{e} \mathbf{e} $	f e - m - b r - a	$ \mathbf{m} \mathbf{u} \mathbf{\Lambda} - \mathbf{e} - - - $	d o n ə
Walloon		f œ - m		d œ m - - -
Friulian		$f \mid \epsilon \mid - \mid m \mid i \mid - \mid n \mid - \mid \epsilon$	m u i: r	d o n e
Romanian		f e - m e j e	m u - j e r e -	d oam - n ə
	ManHumanBeing	ManHumanBeing-	Child	Child-Ninnus
Latin	homi-nem	Homo h - o m o:	i n f a n t e m	
	n o m i - n e m			
I = ronch				
French Spanish	- o m	$\begin{vmatrix} \mathbf{n} & \mathbf{o} & \mathbf{m} & \mathbf{o} \\ - & \mathbf{o} & \mathbf{o} \end{vmatrix} = \begin{vmatrix} \mathbf{o} & \mathbf{m} & \mathbf{o} \\ \mathbf{o} & \mathbf{o} \end{vmatrix}$	$\left \widetilde{\mathfrak{a}} \right - \left f \left \widetilde{\mathfrak{a}} \right - \left - \right - \right - \right $	
Spanish		- - 3 - -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	n i n o
Spanish Italian	o m - b r e		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	n i n o
Spanish Italian PortugueseBrazil	o m e j	- - 3 - -	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	n i n o n e n ẽj
Spanish Italian PortugueseBrazil Portuguese	o m e j	- - 3 - -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	n i n o n e n ẽj n e n ẽj
Spanish Italian PortugueseBrazil Portuguese Catalan	o m ej	- - 3 - -	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	n i n o n e n ẽj̃
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	o m ej	- - 3 - -	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	n i n o n e n ẽj n e n ẽj
Spanish Italian PortugueseBrazil Portuguese Catalan	o m ej	- - 3 - -	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	n i n o n e n ẽj n e n ẽj
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	o m ej	- - 3 - -	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	n i n o n e n ẽj n e n ẽj n e n –
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	o m ej	- - 5 - - - - w 5 m 0	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	n i n o n e n ẽj n e n ẽj n e n =
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	o m e j	- - 5 - - - w 5 m 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	n i n o n e n e n e n e n e n e n e n e n e n e
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	o m e j	- - 5 - -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	n i n o n e n e n e n e n e n e n e n e n e n e
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	o m e j	- - 5 - - - - w 5 m 0	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	n i n o n e n e n e n e n e n e n e n e n e n
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	o m ej	- - 5 - - - w o m o	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	n i n o n e n e n e n e n e n e n e n e n e n
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian	o m ej	Wife-Mulier m u 1 i e r - m o k k e - -	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	n i n o n e n e n e n e n e n e n e n e n e n
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil	- ɔ m	Wife-Mulier m u 1 i e r - m o \(\lambda \) \(\lambda \	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	n i n o n e n e n e n e n e n e n e n e n e n
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese	- 5 m	Wife-Mulier m u l i e r - m u \(\lambda \) \(\lambda \	α - f α n t e - i n f a n t e - - f a n t e - i - f ẽ - ʧ i - i - f ẽ - ʧ i - i - f ẽ - t i - ε - f α ε - f α m a r i: t u s m a r i t o - m a r i t o - m a r i t o - m a r i t o - m a r i t o - m a r i t o - m a r i t o - m a r i t o - m a r i t o - m a r i t 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
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	- 5 m	Wife-Mulier m u 1 i e r - m o \(\lambda \) \(\lambda \) e \(\lambda \) - m u \(\lambda \) e \(\lambda \) - m u \(\lambda \) e \(\lambda \) - m u \(\lambda \) - e \(\lambda \) -	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	n i n o n e n e n e n e n e n e n e n e n e n e

	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 -	раðге	t a t a
Italian	$ \mathbf{s} \mathbf{o} \mathbf{t} - \mathbf{o} $	m a: d r e -	p a: d r e	t a t a
PortugueseBrazil	- - 3 - -	m ej	p aj	t a t a
Portuguese		m ej	p aj	t a t a
Catalan		ma-rə-	pa-rə	
Walloon		m e - R	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
Friulian		m a - r i -	pa-ri	
Romanian	s o ts		P u 1 1	t a t ə
T COTTIGHT OF T	Animal	Animal-Bestia	Fish-Piskem	Fish-Pescion
Latin	a n i m a 1 i a	b e: s t i a	p i s k e m	r ion r dedien
French	o m a - j -		P 1 0 11 0 111	p w a s õ
Spanish	a l i m a n - a		$p \mid e \mid \theta \mid - \mid - \mid - \mid$	P W W S S
Italian	- - J -	b i f f - a	$\begin{array}{c c} p & e & 0 \\ p & e & \int \int e & - \end{array}$	
PortugueseBrazil		$\begin{vmatrix} b & i & - & 1 \\ b & i & - & 1 \end{vmatrix} - \begin{vmatrix} c & c & c \\ c & c & c \end{vmatrix}$	p ej f i -	
Portuguese		$\begin{vmatrix} b & i \\ b & i \end{vmatrix} - \begin{vmatrix} f \\ f \end{vmatrix} - \begin{vmatrix} e \\ e \end{vmatrix}$	p ej f - i -	
Catalan			$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
Walloon			PICIJI	$ p - \epsilon h \tilde{o} $
Friulian	n e m a: 1	b i s - - -	$ \mathbf{p} \mathbf{\epsilon} \mathbf{s} - - -$	P
Romanian	- n ə m a - j e		$p \mid e \mid f \mid t \mid e \mid -$	
T COTTIGHTION	Bird-Avem	Bird-Avicellum	Bird-Passerem	Louse
Latin	a w e m	- a w i - k - e 1 1		p - e d u - k 1 u s
French		w a z - o	φ α σ σ σ τ σ m	p - u - - - - - -
Spanish	a b e -		$ \mathbf{p} \mathbf{a} - \mathbf{x} \mathbf{a} \mathbf{r} \mathbf{o} $	p j o x - o
Italian		$ - - u - t t - \epsilon 1 1 $		p - i d o k k j o -
PortugueseBrazil	a v i -			
Portuguese	a v i -		pa-seru-	
Catalan	a w	- - u - - s - e - \(\lambda \)	-	
Walloon		- u: - h - ε:		p j u
Friulian		$\left - \left - \left \mathbf{u} \right - \right - \left \mathbf{tf} \right \mathbf{j} \left \mathbf{\epsilon} \right - \left 1 \right \right $		p - e d o - 1 i
Romanian			p a - s ə r e -	p - ə d u - k j e -
	Snake	Snake-Serpens	Worm	Tree
Latin		ms - e r p e n s	w e r m e m	a r b o r e m
French	s - e в р - а	-	v e r	a r p - r
Spanish		-s j e r p e - -	b e r m e -	a r β o 1
Italian		$-s$ $-\epsilon$ r p e $-$	v e r m e -	albero-
PortugueseBrazil	$s - e R b - \tilde{e} - \tilde{t} i$	-	v е в m i -	a k v o r i -
Portuguese	s - i r p - e - t i	_	vermi	a r v u r i -
Catalan	s - ə r p - e n	-s - e r p	v ε r m	a - b - r ə -
	s grp cn			
Walloon		-		o: - b
Walloon Friulian		- -		
	s j ε κ p - ē	- - - F	$v \mid j \mid \epsilon \mid R \mid - \mid -$	o: - b

	Forest	Stick	Fruit	Leaf
Latin	s i l w a	p a: 1 u s	f r u: - k t u s	f - o 1 i a
French		p a 1	f B q i - - - -	f - œ j
Spanish	s e l b a	p a 1 o -	f r u t o -	- - o x - a
Italian	s e l v a	p a l o -	fru-tto-	$f - a \lambda \lambda c - f$
PortugueseBrazil		p a w	frutr-	f - o h - e
Portuguese	s e ł v e	paw	frutr-	f - o h - e
Catalan	s e l b a	p a 1	f r u j - t	$\begin{vmatrix} \mathbf{f} & \mathbf{u} & \mathbf{k} & \mathbf{o} \\ \mathbf{u} & \mathbf{k} & \mathbf{o} \end{vmatrix} = \mathbf{o}$
Walloon	5 6 1 5 4	P u I	f R y	$\begin{vmatrix} \mathbf{f} & \mathbf{a} & \mathbf{h} \\ \mathbf{f} & \mathbf{a} & \mathbf{j} \end{vmatrix} = \begin{vmatrix} \mathbf{a} & \mathbf{h} \\ \mathbf{a} & \mathbf{j} \end{vmatrix}$
Friulian	$s \mid \epsilon \mid 1 \mid v \mid e$	p a: 1	f r u t	f w e e
Romanian	5 6 1 7 6	par-	f r u - k t	f oa - j e -
rtorriarriarr	Leaf-Frondea	Root	Root-Radix	Root-Radicina
Latin	f r o n d e a	- r a: d i: k e m	r a: d i: k e	r a: d i: k i: n a
French			в a d i	в a s i n -
Spanish		$- \mathbf{r} \mathbf{a} - \mathbf{i} \mathbf{\theta}$		
Italian	f r o n dz - a		r a d i: tf e	
PortugueseBrazil		-	1 a u 1. y C	
Portuguese	f r õ s - e -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		
Catalan	1 1 0 5 - 6 -	ə r ε - 1		
Walloon		9 1 6 - 1		$ \mathbf{R} \boldsymbol{\varepsilon} - - \mathbf{S} \boldsymbol{\varepsilon} \mathbf{n} -$
Friulian				$ \mathbf{R} \mathbf{\epsilon} - \mathbf{S} \mathbf{\epsilon} \mathbf{\Pi} - \mathbf{S} \mathbf{E} \mathbf{\Pi} - \mathbf{S} \mathbf{\Pi} - \mathbf{S} $
Romanian	f r u n z - ə			r ə d ə ʧ i n ə
Nomaman	BarkOfATree	ParkOfATras Cartians	BarkOfATree-Skortea	Flower
Latin	k o r t i k e m	k o r t i k e a	- s k - o r t e a	f l o: r e m
French	K O I t I K E III	K O I t I K C a	e - k - o r s	f 1 ce s
Spanish		k o r t e θ - a	E - K - O B S - -	flor
Italian	k o r t i t e -		- s k - o r ts - a	f j o: r e -
	k o r t r y e -	kortetfa koвfise-	- S K - 3 1 B - a	f 1 o r
Portuguese		kurtise-		f 1 o r
Catalan	k o r t i s i -	K u I t I S e -	$\begin{vmatrix} \mathbf{a} & \mathbf{s} & \mathbf{k} \end{vmatrix} - \begin{vmatrix} \mathbf{a} & \mathbf{r} & \mathbf{s} \end{vmatrix} - \begin{vmatrix} \mathbf{a} & \mathbf{s} \end{vmatrix}$	f 1 3
Walloon				f 1 ø: r - -
Friulian				f 1 o: r
Romanian			- s k w a r ts - e	
Romanian	Cross	Crass Craman	- s k - oa r ts - ə	f l oa r e -
Lotin	Grass	Grass-Gramen	Blood	Egg
Latin French	- h e r b a	g r a: m e n	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	o w u m
	ε κ b -	д к а т в п	s a	- œ f
Spanish	j - e r b a	g r a m a -	s a n g - r e	w e b o -
Italian	- e r b a		s a n g w e	W 3 V 0 -
PortugueseBrazil Portuguese		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	- o v u -
		(1 f p m p -	$ \mathbf{s} \mathbf{\tilde{e}} - \mathbf{g} - \mathbf{i} - - - $	- o v u -
	- E I V B		o l	
Catalan	- e r b ə	$\begin{vmatrix} g & r & a & m \\ g & r & a & m \end{vmatrix} = \begin{vmatrix} -r & -r & -r \\ -r & -r & -r \end{vmatrix}$	s a ŋ	- 3 w
Catalan Walloon	$\begin{vmatrix} - & - & e & r & b & a \\ j & - & \epsilon & - & p & - \end{vmatrix}$		s a ŋ s õ: - g	- o w - - - - - - - - -
Catalan	- e r b ə		s a ŋ	- 3 w

	Tail	Feather	Feather-Penna	Hair
Latin	k a d a -	p 1 u: m a	p e n n a	p - i 1 u s
	ļu		2	
French	k ø	p 1 y m -	$p \mid \epsilon \mid - \mid n \mid -$	p w a 1
Spanish	k o 1 a -	p l u m a	p e - n a	p - e 1 o -
Italian	k o d a -	p j u m a	p e n n a	p - e 1 o -
PortugueseBrazil	k a w d e		p e - n e	p - e 1 u -
Portuguese	k a w d e		p e - n e	p - i 1 u -
Catalan	k u - a -	p 1 o m ə	p ε - n ə	p - ε 1 - -
Walloon	k o w - -	p 1 3 m -	p e - n -	
Friulian	$ \mathbf{k} \mathbf{o} \mathbf{d} \mathbf{\varepsilon} $	p 1 u m ε	$p \mid \epsilon \mid - \mid n \mid e$	p - e: 1
Romanian	c oa d ə		pa-nə	p - a r - -
	Hair-Capillus	Head	Head-Testa	Ear
Latin	k a p i l l u s	kapi-tia	t e s t a	o: r i k l a -
French	$\int \left \left \mathbf{a} \right \mathbf{v} \left \mathbf{o} \right - \left - \right - \left - \right \right $	$\left \int \left \mathbf{a} \right \mathbf{v} \left \mathbf{\epsilon} \right - \left - \right - \right - \right $	$ t \epsilon - t $	о в еј
Spanish	k a b e - j o -	$\begin{vmatrix} k & a & \beta & e \end{vmatrix} - \begin{vmatrix} \theta & - & a \end{vmatrix}$		o r e - x - a
Italian	k a p e 1 1 o -	k a v e t t s a	t ε s t a	o r e k k j a
	k a b e - 1 u -	k a b e - s - e	t ε s t e	o r e k e
Portuguese	k ε β e - 1 u -	k e β e - s - e	t e f t e	o r ej - f e
Catalan	$k \mid \vartheta \mid b \mid \varepsilon \mid - \mid \lambda \mid - \mid -$	k a p - - - - -	t e s t ə	$ u r \epsilon - - \lambda a $
Walloon	tf i v j - - a -		$ \mathbf{t} \mathbf{\epsilon} \mathbf{s} - \mathbf{s} $	o R aj
Friulian	c a v ej - - - -	c a: f - - - - - -	t ε s t e	o r e 1 e
Romanian		k a p - - - -	ts ea s t ə	u r e - k - e
	Eye	Nose	Nose-Nares	Mouth
Latin	- o - k u l u s	n a: s u s		b u k k a
French	- c j	n e		$\begin{vmatrix} b & u \end{vmatrix} - \begin{vmatrix} \int & - & & & & & & & & & & & & & & & & &$
Spanish	- O - X - O	n a s o -	$ \mathbf{n} \mathbf{a} \mathbf{r} \mathbf{i} \mathbf{\theta} $	b o - k a
Italian	- o k k - j o -	n a: s o -	$ \mathbf{n} \mathbf{a} \mathbf{r} \mathbf{i} \mathbf{f} \mathbf{e}$	b o k k a
PortugueseBrazil	- o \(\lambda \) u -		n a r i s -	b o - k e
Portuguese	- o - - A u -		n e r i J -	b o - k e
Catalan		n a s	n a: r I s -	b o - k ə
Walloon Friulian	- u: - j	n e		b 3 k
Romanian	$egin{array}{c c c c c c c c c c c c c c c c c c c $	n a: s		b σ - c ε b u - k θ
Normaniali	$ - o - k^j - - - -$ Mouth-Gula	n a s Wing	Neck	Back
Latin	g u l a	a: 1 a	k - o 1 1 u m	d o r s u m
French	g w l a	e l -	k - u	d o r s u m
Spanish	g o l a	a 1 a	k w e - j o -	u 0 - - -
Italian	g o l a	a l a	k - 0 1 1 0 -	d 2 s s o -
PortugueseBrazil	1819 1 14	a	k - 5 - 1 u -	4 0 0 0 0
Portuguese		$\begin{vmatrix} \mathbf{a} \\ \mathbf{a} \end{vmatrix} - \begin{vmatrix} - \end{vmatrix}$	k - 5 - 1 u -	
Catalan	g o 1 ə	a l ə	$\begin{vmatrix} \mathbf{k} \\ \mathbf{k} \end{vmatrix} - \begin{vmatrix} \mathbf{o} \\ \mathbf{o} \end{vmatrix} - \begin{vmatrix} \mathbf{k} \\ \mathbf{o} \end{vmatrix} - \begin{vmatrix} \mathbf{c} \\ \mathbf{o} \end{vmatrix} - \begin{vmatrix} \mathbf{c} \\ \mathbf{o} \end{vmatrix}$	d o - s
Walloon	g ø: j	e 1 -	11 0 11	d o - s - - - - - - - - - - - - -
Friulian	g o l e	a l e	$ \mathbf{k} \mathbf{w} \boldsymbol{\varepsilon} - 1 - \mathbf{w} \boldsymbol{\varepsilon}$	
Romanian	g u r ə	- -		d o
. Comaman	0 4 1 0			

	Back-Spatula	Breast	Breast-Pectus	Heart
Latin	- s p a t u l a	s i n u s	p - e k t u s	k - o r -
French	e - p o 1 -	s e - - -	p - i	k - œ в -
Spanish	e s p a 1 - d a	s e n o -	p - e - tf o -	
Italian	- s p a 1 - 1 a	s e n o -	$\begin{vmatrix} \mathbf{r} \\ \mathbf{p} \end{vmatrix} - \begin{vmatrix} \mathbf{\epsilon} \\ \mathbf{t} \end{vmatrix} \begin{vmatrix} \mathbf{t} \\ \mathbf{o} \end{vmatrix} - \begin{vmatrix} \mathbf{r} \\ o$	k w o r e
PortugueseBrazil		s ej - u -	p ej t u -	k - 3 k -
Portuguese	$i \int p a d - w e$	s ej - u -	p ej t u -	k - o r -
Catalan	$\begin{vmatrix} \mathbf{a} & \mathbf{b} & \mathbf{a} & \mathbf{b} \\ \mathbf{a} & \mathbf{b} & \mathbf{a} \end{vmatrix} = \begin{vmatrix} \mathbf{a} & \mathbf{b} \\ \mathbf{a} & \mathbf{b} \end{vmatrix} = \begin{vmatrix} \mathbf{a} & \mathbf{b} \\ \mathbf{a} & \mathbf{b} \end{vmatrix}$	s i	p - i - t	k - o r -
Walloon	- s p a 1 -	5 1		k - u: r -
Friulian	$\begin{vmatrix} s & p & a \\ p & a & - & 1 \end{vmatrix} \epsilon$	s e n - -	p - ε - t - -	k - u: r -
Romanian	- s p a t e	s a n	p j e p t	
T COTTIGHT OF T	Heart-Anima	Liver	Sun	Sun-Soliculus
Latin	a n i m a	f - i: k a: t u m	s o: 1 e m	s o l i k u l u s
French	a m -	f w a		s o 1 εj
Spanish	a 1 - m a	- i y a ð o -	s o 1	
Italian	a 1 - m a	f - e g a t o -	s o l e -	
PortugueseBrazil		f - i g e d u -	s o w	
Portuguese	a l - m e	f - i y e ð u -	s o i	
Catalan	u 1 III 0	f - e d ə	s o 1	
Walloon	o: - m -	f - ø: t	s o 1 o -	
Friulian	a n i m e	f - i j a: t		s o r e - 1 i -
Romanian	i n i m ə	f - i k a t	s oa r e -	
rtomanian	Moon	Star	Water	Rain
	WIGGIT	Otal	VVator	rain
Latin	1 u: n a	- s t - e: 1 1 a	$a - k^w - a$	p 1 u - w i a
Latin French	1 u: n a	- s t - e: 1 1 a e - t w a - 1 -	a - k ^w - a	p l u - w i a
French	1 y n -	e - t w a - 1 -	0	p 1 y i -
French Spanish	1 y n - 1 u n a	e - t w a - 1 - e s t r e - j a	o a - γ w a	p 1 q i - j - u - b j a
French Spanish Italian	1 y n - 1 u n a 1 u n a	e - t w a - l - e s t r e - j a - s t - e l l a	o a - y w a a k k w a	p l q i - i - j - u - b j a p j o d dg - a
French Spanish Italian PortugueseBrazil	1 y n - 1 u n a 1 u n a 1 u n e	e - t w a - l - e s t r e - j a - s t - e l l a i s t r e - l e	o a - y w a a k k w a a - g w e	p l q i - j - u - b j a p j o d dz - a f - u - v - e
French Spanish Italian PortugueseBrazil Portuguese	1 y n - 1 u n a 1 u n a 1 u - e 1 u - e	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	o a a k k w a a a - g w e a - g w e	p 1 q i - j - u - b j a p j o d dz - a
French Spanish Italian PortugueseBrazil Portuguese Catalan	1 y n - 1 u n a 1 u n a 1 u - ε 1 u - ε Λ u n ə	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	o a - y w a a k k w a a - g w e a - g w e aj - y w ə	p l q i - j - u - b j a p j o d dz - a
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	1 y n - 1 u n a 1 u n a 1 u - ε 1 u - ε Λ u n a 1 ø n -	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	o	p l q i - j - u - b j a p j o d dg - a ∫ - u - v - e ∫ - u - v - e p l u - g - a p l u: - g
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	1 y n - 1 u n a 1 u n a 1 u - e 1 u - e 1 u - e 6 u n a 1 w n a	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	o a - y w a a k k w a a a - g w e a j - y w a e e e e	p l q i - j - u - b j a p j o d dg - a ∫ - u - v - e ∫ - u - v - e p l u - 3 - a p l u: - s - p l o j e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	1 y n - 1 u n a 1 u n a 1 u - ε 1 u - ε Λ u n a 1 ø n -	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	o	p l q i - j - u - b j a p j o d dʒ - a ∫ - u - v - e p l u - ʒ - ə p l u: - ʁ - p l o j e p l o j e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	l y n - l u n a l u n a l u - e l u - e k u n a l ø n - l u n e l u n a	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	o	p l q i - j - u - b j a p j o d dg - a ∫ - u - v - e ∫ - u - v - e p l u - 3 - a p l u: - s - p l o j e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	l y n - l u n a l u n a l u - e l u - e l u - e ś u n a l w n - l w n e l u n a	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	o	p l q i - j - u - b j a p j o d dʒ - a ∫ - u - v - e ∫ - u - v - e p l u - ʒ - ə p l u: - ʁ p l o j e p l oa j e Lake l a k u m
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	l y n - l u n a l u n a l u - e l u - e l u - e k u n a l w n - l w n e l u n e l u n a	e - t w a - l - e s t r e - j a - s t - e l l a i s t r e - l e i ∫ t r e - l e a s t - ε - l s t - ø: - l s t - ga River-Rivus r i: w u s g y	o	p l q i - j - u - b j a p j o d dʒ - a ∫ - u - v - e ∫ - u - v - e p l u - ʒ - ə p l u: - ʁ p l o j e p l oa j e Lake l a k u m l a k
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	l y n - l u n a l u n a l u - e l u - e l u - e k u n a l w n - l w n e l u n e l u n a	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	o	p l y i - j - u - b j a p j o d dz - a
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian	l y n - l u n a l u n a l u n a l u - e l u - e k u n a l w n - l u n e l u n a l u n e l u n e l u n b	e - t w a - l - e s t r e - j a - s t - e l l a i s t r e - l υ i ∫ t r e - l υ a s t - ε - l s t - ε - l s t - ε - l s t - ε - l e - s t - ε - l e - s t - ε River-Rivus r i: w u s y r i - o - r i - o -	o	p l y i - j - u - b j a p j o d dz - a
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil	l y n - l u n a l u n a l u n a l u - e l u - e k u n a l w n - l w n e l u n a River f l u m e n	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	o	p l y i - j - u - b j a p j o d dʒ - a ∫ - u - v - e ∫ - u - v - e p l u - ʒ - ə p l u: - ʁ p l o j e p l oa j e Lake l a k u m l a k l a g o - l a g u -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese	l y n - l u n a l u n a l u n a l u - e l u - e k u n a l w n - l u n e l u n a l u n e l u n e l u n b	e - t w a - l - e s t r e - j a - s t - e l l a i s t r e - l v i ∫ t r e - l v a s t - ε - l s t - ε - l s t - ε - l s t - ε - l e - s t - ε - l	o	p l y i - j - u - b j a p j o d dʒ - a ∫ - u - v - e ∫ - u - v - e p l u - ʒ - ə p l u: - ʁ p l o j e p l oa j e Lake l a k u m l a k l a g o - l a g u - l a y u -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	l y n - l u n a l u n a l u n a l u - e l u - e k u n a l w n - l w n e l u n a River f l u m e n	e - t w a - l - e s t r e - j a - s t - e l l a i s t r e - l v i ∫ t r e - l v s t - e - l s t - e - l s t - e - l s t - e - l s t - e - l e - s t - e - l e	o	p l y i - j - u - b j a p j o d dz - a
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	l y n - l u n a l u n a l u n a l u - e l u - e k u n a l u n e l u n e l u n a l u n e l u n e l u n a	e - t w a - l - e s t r e - j a - s t - e l l a i s t r e - l v i ∫ t r e - l v a s t - ε - l s t - ε - l s t - ε - l s t - ε - l e - s t - ε - l	o	p l y i - j - u - b j a p j o d dz - a
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	l y n - l u n a l u n a l u n a l u - e l u - e k u n a l w n - l w n e l u n a River f l u m e n	e - t w a - l - e s t r e - j a - s t - e l l a i s t r e - l v i ∫ t r e - l v a s t - ε - l s t - ε - l s t - ε - l s t - ε - l e - s t - ε - l	o	p l y i - j - u - b j a p j o d dz - a

	Sea	Salt	Earth	Cloud
Latin	m a r e	s a: 1 e m	t - e r r a	n u: b e: s
	m ε r -	s ε 1	t - е - в -	n y
	mar -	s a 1	t j e - r a	n u b e -
· ·	m a r e	s a 1 e -	t - ε r r a	n u b e -
PortugueseBrazil 1		s a w	t - е - в в	n u v ẽj -
	mar -	s a 1	t - ε - в в	n u v ej -
	m a r -	s a 1	t - ε - r ə	
	т е в –	s e	t - E: - R -	
	m a: r -	s a: 1	t j ε - r e	
	m a r e	sare-	ts - a - r ə	
	Cloud-Secondary	Fog	Fog-Nebula	Fog-Tenebrae
	n u: b i l u s	k a: 1 i: g i n e m	n - e - b u l a	t e n e: b r aj
French			n j o 1 y	
	n u b - 1 o -		n j e - b - 1 a	
	n u v o l a -	k a l i d i n e -	n - e b b - j a	t ε n e b r e
PortugueseBrazil		k a 1 i 3 ej - - -	$n - \epsilon - v w - \epsilon$	1 1 1 - 1 - 1 - 1 -
	n u b l a d u	k e l i 3 e j - - -	$n - \epsilon - v w - \epsilon$	
	n u β u ł	- - 3 -9	n - e w 1 ə	
Walloon			1	
	n u: - - 1 - -			
	n o r		$ \mathbf{n} \mathbf{e} \mathbf{g} \mathbf{u} \mathbf{r} \mathbf{e} $	
	Fog-Tenebras	Fog-Fumata	Fog-Caecia	Sky
	t - e n - e: b r a: s	f u: m a: t a	k aj k i a	k - aj l u m
	t - e n - ε b в	f y m e	1 1-91 1 1-	s j ε 1 - -
	t - i n j e b l a s	f u m a t a		θ j e 1 o -
· ·	t - ε: n - e b r e -	f u m a: t a		tf - ε 1 ο -
PortugueseBrazil		f u m a s e		$s - \epsilon w$
	$t \mid r \mid - \mid - \mid \epsilon \mid v \mid - \mid \epsilon \mid \int$	f u m a s e		$ \mathbf{s} - \mathbf{\epsilon} \mathbf{W} - \mathbf{r} $
	t - ə n - e b r ə s	1 1 1 1 1 1 1		$\begin{vmatrix} \mathbf{s} & - & \mathbf{\epsilon} & 1 \\ \mathbf{s} & - & \mathbf{\epsilon} & 1 \end{vmatrix}$
Walloon				s - i: R
Friulian		f u m a t e		tf - i: 1
Romanian		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	tfeatf - ə	tf - e r
	A.C. 1			
Latin	Wind	Ice	Smoke	Fire-Focus
Lalli	vvind w - e n t u m		Smoke f u: m u s	Fire-Focus f - o k u m
		g e l u:		f - o k u m
French	$\begin{bmatrix} \mathbf{w} & - & \mathbf{e} & \mathbf{n} & \mathbf{t} & \mathbf{u} & \mathbf{m} \\ \mathbf{v} & - & \widetilde{\mathbf{\alpha}} & - & - & - \end{bmatrix}$	g e 1 u: g ε 1 -	f u: m u s	$egin{array}{ c c c c c c c c c c c c c c c c c c c$
French Spanish	w - e n t u m	g e 1 u: 3 ε 1 - j e 1 ο	f u: m u s	f - o k u m f - ø f w e g o -
French Spanish Italian	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	g e 1 u: g ε 1 -	f u m u s - u m o - f u m o -	f - o k u m f - ø f w e g o - f w b k o -
French Spanish Italian PortugueseBrazil	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	g e 1 u: 3 ε 1 - j e 1 ο	f u: m u s - u m o - f u m o - f u m u -	f - o k u m f - ø f w e g o - f w o k o - f - o g u -
French Spanish Italian PortugueseBrazil Portuguese	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	g e 1 u: 3 ε 1 - j e 1 ο d; ε 1 ο	f u m u s - u m o - f u m o - f u m u - f u m u -	f - o k u m f - ø f w e g o - f w o k o - f - o g u - f - o y u -
French Spanish Italian PortugueseBrazil Portuguese Catalan	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	g e 1 u: 3 ε 1 - j e 1 ο	f u: m u s - u m o - f u m o - f u m u -	f - o k u m f - ø f w e g o - f w o k o - f - o g u - f - o y u - f - o k
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	g e 1 u: 3 ε 1 - j e 1 ο d; ε 1 ο	f u m u s - u m o - f u m o - f u m u - f u m u -	f - o k u m f - ø f w e g o - f w o k o - f - o g u - f - o y u - f - o k

	Ash	Ash-Cinisia	Mountain	Mountain-Montanea
Latin	k i n e - r e m		m o n t e m	m o n t a: - n e a
French	s a d r		m 3	m õ - t a - n
Spanish		$\theta \mid e \mid n \mid i \mid \theta \mid a \mid -$	m o n t e -	m o n t a - n - a
Italian	tf e n e - r e -		m o n t e -	m o n t a n n - a
PortugueseBrazil	J	s î z e ſ	m õ - ʧ i -	$\mathbf{m} \ \tilde{\mathbf{o}} - \mathbf{t} \ \tilde{\mathbf{e}} - \mathbf{n} - \mathbf{e}$
Portuguese		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	m õ - t i -	m õ - t e - n - e
Catalan	$ s \varepsilon n - d r \vartheta -$	1 1 1 1 1 1 1	m u n	m u n t a - n - ə
Walloon	s e: d			m õ - t a - n
Friulian		tf i n i z e -	m o n t - -	m o n t a - n e -
Romanian		tf e n u f ə -	m u n t ε -	
	Night	Day	Day-Diurnus	Day-Diurna
Latin	n - o c t e m	d i e: s	d i u r n u m	Day Diama
French	n q i		3 - n R	
Spanish	n - o - tf e -	d i a -	d j u r n o -	
Italian	n - o t t e -	d i	dg - o r n o -	
		d i e -	(d) 0 1 11 0	з э в п а
Portuguese	n - oj t i	d i e -		3 3 B n a
Catalan	n - i - t	d i ə -	3 - o r n	3 3 B II a
Walloon	$\begin{vmatrix} \mathbf{n} \\ \mathbf{n} \end{vmatrix} - \begin{vmatrix} \mathbf{r} \\ \mathbf{y} \end{vmatrix} - \begin{vmatrix} \mathbf{t} \\ \mathbf{t} \end{vmatrix} - \begin{vmatrix} \mathbf{r} \\ \mathbf{r} \end{vmatrix}$	ф u:	dg - u:	
Friulian	n - o - t	d i	(45) 4 ⁴	
Romanian	n - oa p t e -	z i		
rtomanan	Day-Diurnata	Year	Name-Nomen	Name-Nominem
Latin	d i u r n a: t a	a n n u m	n o m e n	n o: m i n - e m
French	3 - u s n e	$ \tilde{a} - - - - $	$\begin{vmatrix} \mathbf{n} & \mathbf{o} & \mathbf{m} & \mathbf{c} & \mathbf{n} \\ \mathbf{n} & \mathbf{o} & - & - & - \end{vmatrix}$	
Spanish	x - o r n a d a	a - n o -		n o m - b r e -
Italian	dz o r n a t a -	a n n o -	n or m e -	
PortugueseBrazil	45 0 1 11 4 1 4	e - n u -	n o m i -	
Portuguese		e - n u -	n o m i -	
Catalan		a - n	n o m	
Walloon		$\begin{vmatrix} \mathbf{a} & \mathbf{c} & \mathbf{J} \mathbf{I} \\ \mathbf{\tilde{\alpha}} & \mathbf{c} & \mathbf{c} \end{vmatrix} = \begin{vmatrix} \mathbf{c} & \mathbf{c} \\ \mathbf{c} & \mathbf{c} \end{vmatrix}$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	
Friulian	dz - o r n a d e	$\begin{vmatrix} \mathbf{a} \\ \mathbf{a} \end{vmatrix} - \begin{vmatrix} \mathbf{n} \end{vmatrix} - \begin{vmatrix} -\mathbf{n} \end{vmatrix}$	$\begin{bmatrix} \mathbf{n} & \mathbf{o} \\ \mathbf{n} & \mathbf{o} \end{bmatrix} \mathbf{n} - \mathbf{n}$	
Romanian	uz U I II a u C	a n	n u m e -	
TOTTATION	Tongue	ToDrink	ToEat	ToEat-Manducare
Latin	l i n g ^w - a	b i b - e r e	k o m e d e r e	m a n d u k a: r e
French	$\begin{vmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 $	p m a r -	K O III C G C T C	m \tilde{a} - 3 e
Spanish	l e ŋ g w a	b e b - e r -	k o m e r -	mandukar-
Italian	l i n g w a	b e r e		mandgare
PortugueseBrazil	l i - g w e	рер-ек-	k o m e	m $\tilde{\mathbf{g}}$ - 3 a \mathbf{r} -
Portuguese	l i - g w e	b i β - e r -	k u m e r -	$\mathbf{m} \mid \tilde{\mathbf{e}} \mid -3 \mid - \mid \mathbf{a} \mid \mathbf{r} \mid -$
Catalan	9 11 0	b ε w r ə		m ə n ʒ a
Walloon	1 ẽ - - -	p - \@: \mathbf{R} -		m a n i:
	u u	N		u J1 11
Friulian	$1 \stackrel{\mathbf{a}}{\varepsilon} \mathbf{n} \mathbf{g} - \varepsilon$	b e v i		m a ŋ ɟ a:
Romanian	l i m b - ə	b ea		m i n k a
. Williaman	1 111 0	D		111 1 1 1 K U

	ToBite	ToBite-Morsicare	ToSuck	ToSpit
Latin	m - o r d e: r e	m o r s i k a: r e	s u: g e r e	k o n s p u e r e
French	m - о в q - в -		$\begin{vmatrix} \mathbf{s} & \mathbf{y} & \mathbf{s} & \mathbf{e} \end{vmatrix}$ - $\begin{vmatrix} \mathbf{s} & \mathbf{e} & \mathbf{s} \end{vmatrix}$	k 5 - s p y e
Spanish	m - o r ð e r -	m o - s - k a r -		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Italian	m - o r d e r e	morsikare		
PortugueseBrazil		m u - s ə g a	s u g a B	k u - s p i в - -
Portuguese	m - u r ð e r -	m u - s ə g a r -	s u g a r -	k u - 5 p i r
Catalan		m u - s ə y a	1 1 1 3 1 1 1	3 11
Walloon			s y s i: - -	
Friulian	m w a r d i		c u c a:	
Romanian		m u r s e k a	s u dz e	
	ToSpit-Exconspuere	ToSpit-Sputare	ToKnow	ToKnow-Sapere
Latin		- s p u t e r e	s k i: r e	sap-ere
French				s a v w a r -
Spanish	e s k u - p i r	e s p u t a r -		sab-er-
Italian		- s p u t a r e		sap-ere
PortugueseBrazil				s a b - е в -
Portuguese				s b - e r -
Catalan	ə s k u - p i -			s θ - ε - -
Walloon				s a v - ø: R -
Friulian		s p u d a:		s a v - e:
Romanian	- s k u j p a -		$\left \int \left t \right i \left - \right - \right $	
	ToKnow-Cognoscere		ToThink-Pensare	ToFear
Latin	k o g n o: s k e r e	k - o: g i t a: r e	p e: n s a: r e	t i m e: r e
French	k σ - n ε - t κ	k y - - i d e - -	$p \mid \tilde{\alpha} \mid - \mid s \mid e \mid - \mid - \mid$	
Spanish	k o - n o θ e r	k y i d e k w i d a r -	$egin{array}{c ccccccccccccccccccccccccccccccccccc$	t e m e r -
Spanish Italian	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	k w i d e k w i d a r - k - o d i t a r e	p a - s e p e n s a r - p e n s a r e	t e m e r - t e m e r e
Spanish Italian PortugueseBrazil	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	k w i d a r - k - o d i t a r e k - u z i t a r e	p \(\tilde{\alpha} \) - s \(e \)	t e m e r e t e m e r e t e m e s -
Spanish Italian PortugueseBrazil Portuguese	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	k y i d e k w i d a r - k - o d i t a r e k - u z i t a s - k - u z i t a r -	p \tilde{g} - s \tilde{g} -	t e m e r - t e m e r e t e m e r - t i m e r -
Spanish Italian PortugueseBrazil Portuguese Catalan	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	k w i d a r - k - o d i t a r e k - u z i t a r e	p	t e m e r e t e m e r e t e m e s -
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	k y i d e k w i d a r - k - o d i t a r e k - u z i t a s - k - u z i t a r -	p α - s e p e n s a r - p e n s a r e p ẽ - s a r - p ẽ - s a r - p ẽ - s a r - p ẽ - s a r - p ẽ s a r -	t e m e r e t e m e r e t e m e r - t i m e r - t e m ə
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	k y i d e k w i d a r - k - o dg i t a r e k - u g i t a r - k - u j d a	p α - s e p e n s a r - p e n s a r e p ẽ - s a r - p ē - s a r - p ā n s a p ε n s a p ε n s a p ε n s a	t e m e r - t e m e r e t e m e r - t i m e r - t e m o
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	k y - - i d e - - k w - - i d a r -	p	t e m e r - t e m e r - t e m e r - t i m e r - t e m i - t e m e
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	k y - i d e - - k w - i d a r - k - o d i t a r e k - u 3 i t a r - k - u d e t a - -	p α - s e p e n s a r e p ε n s a r e p ε - s a r - p ε n s a r - p ε - s a r - p ε n s a p ε η s a p ε η s a ToLive	t e m e r - t e m e r e t e m e r - t i m e r - t e m o
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	k q i d e k w i d a r - k - o d i t a r e k - o d i t a r e k - u 3 i t a r - k - u 3 i t a r - k - u - j d a k - u d e t a	p α	t e m e r - t e m e r e t e m e r - t i m e r - t i m e r - t e m i - t e m e -
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	k y - i d e - - k w - i d a r - k - o d i t a r e k - u d e t a - -	p α - s e - - e -	t e m e r e t e m e r e t e m e r - t e m e r - t e m e - ToDie
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	k y - i d e - - k w - i d a r - k - o d i t a r e k - u z i t a r - k - u d e t a - -	p	t e m e r e t e m e r e t e m e r - t i m e r - t e m i - t e m e - ToDie
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	k y - i d e - - k w - i d a r - k - o d i t a r e k - u d e t a - -	p	t e m e r e t e m e r e t e m e r - t i m e r - t e m i - t e m e - ToDie
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil	k o - n o θ e r k o - n o ∫ ∫ e r e k o - n e s - e s - k u - n e ∫ - a k u - n o ∫ f e r e k u - n o ∫ f e r e	k q i d a r e k w i d a r e k - o dz i t a r e k - u z i t a r e k - u z i t a r - k - u z i t a r - k - u z i t a r - k - u z i t a r - d - c k - u dz e t a Tosleep d - o r m i r e d - o r m i r e d - o r m i r e d - o r m i r e	p α	t e m e r e t e m e r e t e m e r - t e m e r - t e m i - t e m e - ToDie
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	k y - i d e - - k w - i d a r - k - o d i t a r e k - u d e t a - -	p α	t e m e r e t e m e r e t e m e r - t e m i - t e m e - ToDie m u s i s - m o r i r e m o s e s - m u s e r -
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	k o - n o θ e r k o - n o ∫ ∫ e r e k o - n e s - e s - k u - n e ∫ - a k u - n o ∫ f e r e k u - n o ∫ f e r e	k q i d e k w i d a r - k - o dg i t a r e k - o dg i t a r e k - u g i t a r - k - u g i t a r - k - u g i t a r - k - u - j d a x - u dg e t a c Tosleep d - o r m i: r e d - o r m i r - d - o r m i r e d - o r m i r - d - o r m i r - d - u r m i r - d - u r m i r - d - u r m i	p α	t e m e r e t e m e r e t e m e r - t e m e r - t e m e r - t e m i - t e m e - ToDie
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	k o - n o θ e r - k o - n o ∫ ∫ e r e k o - n o ∫ ∫ e r e k o - n o ∫ ∫ e r e r e k u - n o o ∫ ∫ e r e r e r e m - e r r e m - e r e r e r e m - e r e r e r e m - e r e r e r e r e r e r e m - e r e r e r e r e r e r e r e r e r e	k y - i d e - - k w - i d a r - k - o d i t a r e k - u d e t a r - k - u d e t a - -	p α - s e - p e n s a r e p e n s a r e p ε n s a r e p ε - s a в - p ε - s a r - p ε η s a p ε η s α p ε η ε η s α ε ρ ε η ε η s α ε ρ ε η ε η ε η ε η ε η ε η ε η ε η ε η ε	t e m e r e t e m e r e t e m e r - t e m e r - t e m e r - t e m e r - t e m e r - t e m e r - t e m e r - t e m e r - t e m e r - t e m e r - t e m e r - t e m e r - t e m e r - t e m e r - t e m e r - t e m e r - m u r i r e m u r i r e m u r i r e m u r i r e m u r i r - m u r i r e m u r i r - m u r i r e m u r i r - m u r i r i r i r i r i r i r i
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	k o - n o θ e r k o - n o ∫ ∫ e r e k o - n e s - e s - k u - n e ∫ - a k u - n o ∫ f e r e k u - n o ∫ f e r e	k q i d e k w i d a r - k - o dg i t a r e k - o dg i t a r e k - u g i t a r - k - u g i t a r - k - u g i t a r - k - u - j d a x - u dg e t a c Tosleep d - o r m i: r e d - o r m i r - d - o r m i r e d - o r m i r - d - o r m i r - d - u r m i r - d - u r m i r - d - u r m i	p α	t e m e r e t e m e r e t e m e r - t e m e r - t e m e r - t e m i - t e m e - ToDie

	ToKill	ToKill-Adnecare	ToKill-Tutari	ToKill-Mactare
Latin	n - e k a: r e		t u: - t a: r i	m a k t a: r e
French	n w aj e		t - y - e	m a - t e
Spanish	II W UJ C	a - n e g a r -		m a - t a r -
Italian		a n n e g a r e		
PortugueseBrazil				m a - t a r -
Portuguese				m e - t a s -
Catalan	$ \mathbf{n} - \mathbf{a} \mathbf{g} \mathbf{a} - \mathbf{a} $			m ə - t a
Walloon	11 - \text{\tin}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tint{\text{\tint{\text{\tin}\text{\text{\text{\text{\text{\text{\text{\text{\text{\ti}\tint{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tin}\tint{\text{\te\tin}\tint{\text{\text{\tin}\tint{\text{\text{\text{\text{\text{\texi}\tint{\text{\texi}\text{\text{\texi}\text{\text{\text{\texi}\tint{\text{\texi}\text{\texit{\texi}\texi{\texi}\tint{\tiint{\text{\texi}\text{\texi{\texi{\texi}\texi{\texit{\texi{\tex		t u w - e - -	$\lim \vartheta - t a - -$
Friulian			t t w - e - -	m a tf - a:
Romanian	n - e k a			III a y - a. - -
Nomaman	ToKill-Occidere	ToFight	ToFight-Battuere	ToHunt-Captiare
Latin	o k k i: d e r e	p u g n a: r e	b a t t u e r e	k a p t i a: r e
French	2 k s i r -	p u g II a. I e		
Spanish	J K S I - - B -	p u - n a r -	b a t в b a - t - i г -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Italian	u t f i d e r e	p u - Ji a r - p u p p a r e	b a t t - e r e	
PortugueseBrazil	u i y I u e I e	p u j ₁ j ₁ a r e	b a t t - e r e	k a t tf - a r e k a - s - a r -
Portuguese			b e - t - e r -	k e - s - a r -
Catalan	u k s i - - - -	p u - n a - -	b a - t r ə	
Walloon	u K S I - - - -	p u - J1 a - -		
Friulian				tf ε - s - i:
Romanian	u - tf i d e - -		b a t - i	c a - tf - a: - -
Rullallall			b a t - e - - -	
	Tal 134	Ta Cust	TaCut Curtara	TaCut Evaluations
Lotin	ToHit	ToCut	ToCut-Curtare	ToCut-Excurtare
Latin	p u l s a: r e	s - e k a: r e	ToCut-Curtare k u r t a: r e	e k s k u r t a: r e
French	p u l s a: r e p u - s e - -	s - e k a: r e s j e	k u r t a: r e	
French Spanish	p u l s a: r e p u - s e - - p u - x a r -	s - e k a: r e s j e s - e g a r -		e k s k u r t a: r e e - - k u в t e - -
French Spanish Italian	p u 1 s a: r e p u - s e - - p u - x a r - p u 1 s a r e	s - e k a: r e s j e s - e g a r - s - e g a r e	k u r t a: r e	e k s k u r t a: r e
French Spanish Italian PortugueseBrazil	p u l s a: r e p u - s e - - p u - x a r e p u - f a r e p u - f a r e	s - e g a r - s - e g a r - s - e g a r -	k u r t a: r e	e k s k u r t a: r e e - - k u в t e - -
French Spanish Italian PortugueseBrazil Portuguese	p u 1 s a: r e p u - s e - - p u - x a r - p u 1 s a r e	s - e k a: r e s j e s - e g a r - s - e g a r e s - e g a r - s - i y a r -	k u r t a: r e	e k s k u r t a: r e e - - k u в t e - -
French Spanish Italian PortugueseBrazil Portuguese Catalan	p u l s a: r e p u - s e - - p u - x a r e p u - f a r e p u - f a r e	s - e g a r - s - e g a r - s - e g a r -	k u r t a: r e	e k s k u r t a: r e e - - k u в t e - -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	p u l s a: r e p u - s e - p u - x a r - p u l s a r e p u - ∫ a в - p u - ∫ a г -	s - e k a: r e s j e s - e g a r - s - e g a r - s - e g a r - s - e y a	k u r t a: r e	e k s k u r t a: r e e e - - k u в t e - - e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	p u l s a: r e p u - s e - - p u - x a r e p u - f a s - p u - f a r -	s - e k a: r e s j e s - e g a r - s - e g a r e s - e g a r - s - i y a r -	k u r t a: r e	e k s k u r t a: r e e e - - k u s t e - -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	p u 1 s a: r e p u - s e - p u - x a r - p u 1 s a r e p u - ∫ a в - p u 1 s a: - p u 1 s a: -	S	k u r t a: r e	e k s k u r t a: r e e - - k u s t e - -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	p u 1 s a: r e p u - s e - p u - x a r - p u 1 s a r e p u - ∫ a в - p u 1 s a r - ToCut-Taliare	S	k u r t a r e k o r t a r - k o r t a r - k u r t a r -	e k s k u r t a: r e e e k u r t a: r e s k u r t a: r e s k u r t a: r e s k u r t a:
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	p u 1 s a: r e p u - x a r p u - x a r p u - ∫ a в p u - ∫ a г p u 1 s a: - p u 1 s a: - ToCut-Taliare t a: - 1 i a: r e	S	k u r t a: r e k o r t a r - k o r t a r - k u r t a r - ToSplit-Scindere s k i n d e r e	e k s k u r t a: r e e e k u r t a: r e s k o r t a r e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	p u 1 s a: r e p u - x a r p u - x a r p u - ∫ a в p u - ∫ a в p u - ∫ a г p u 1 s a p u 1 s a t a: - 1 i a: r e t a j - e	S	k u r t a r e k o r t a r - k o r t a r - k u r t a r -	e k s k u r t a: r e e e k u r t a: r e s k u r t a: r e s k u r t a: s k u r t a s k u r t a
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	p u l s a: r e p u - s e p u - x a r - p u l s a r e p u - ∫ a в - p u l s a ToCut-Taliare t a: - l i a: r e t a - x - a r -	S	k u r t a: r e k o r t a r -	e k s k u r t a: r e e e k u r t a: r e s k u r t a r e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian	p u 1 s a: r e p u - s e p u - x a r - p u 1 s a r e p u - ∫ a в - p u - ∫ a г - p u 1 s a ToCut-Taliare t a: - 1 i a: r e t a - x - a r - t a - x x a r e	S	k u r t a: r e k o r t a r - k o r t a r - k u r t a r - ToSplit-Scindere s k i n d e r e	e k s k u r t a: r e e e k u r t a: r e s k u r t a r e s k u r t a r e s k u r t a s k u r t a s k u r t a s k u r t a
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil	p u 1 s a: r e p u - s e - p u - x a r - p u 1 s a r e p u - ∫ a в - p u 1 s a - ToCut-Taliare t a: - 1 i a: r e t a - x - a r - t a - x - a r e t a - x - a r e t a - x - a r e	S	k u r t a: r e k o r t a r -	e k s k u r t a: r e e e k u r t a: r e s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese	p u 1 s a: r e p u - s e - p u - x a r p u 1 s a r e p u - ∫ a β - p u 1 s a r	S	k u r t a: r e k o r t a r -	e k s k u r t a: r e e e k u r t a: r e s k u r t a s k u r t a s k u r t a
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	p u 1 s a: r e p u - s e p u - x a r - p u 1 s a r e p u - ∫ a s p u 1 s a p u 1 s a ToCut-Taliare t a: - 1 i a: r e t a - x - a r - t a - x - a r - t a - x - a r - t a - x - a r - t a - x - a r - t a - x - a r - t a - x - a r - t a - x - a r - t a - x - a r - t a - x - a r -	S	k u r t a: r e k o r t a r -	e k s k u r t a: r e e e k u r t a: r e s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	p u 1 s a: r e p u - x a r e p u - x a r e p u - x a r e p u - x a r e p u - x a r e p u - x a r e p u - x a r e p u - x a r e p u - x a r e p u - x a r e p u - x a r e p u - x a r e t a: - 1 i a: r e t a - x - a r e t a - x a r e t a - x a r e t a - x a r e t a - x - a r e t a - x - a r - a r e t a - x - a r - a r e t a - x - a r - a r e t a - x - a r - a r e t a - x - x - a r - a r e t a - x - x - a r - a r e t a - x - x - a r - a r e t a - x - x - a r - a r e t a - x - x - a r - a r e t a - x - x - a r - a r e	S	k u r t a: r e k o r t a r -	e k s k u r t a: r e e e k u r t a: r e s k u r t a s k u r t a s k u r t a
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	p u 1 s a: r e p u - s e p u - x a r - p u 1 s a r e p u - ∫ a s p u 1 s a p u 1 s a ToCut-Taliare t a: - 1 i a: r e t a - x - a r - t a - x - a r - t a - x - a r - t a - x - a r - t a - x - a r - t a - x - a r - t a - x - a r - t a - x - a r - t a - x - a r - t a - x - a r -	S	k u r t a: r e k o r t a r -	e k s k u r t a: r e e e k u r t a: r e s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a s k u r t a

	ToSplit-Partire	ToSplit-Separare	ToStab	ToStab-lugulare
Latin	parti:re	s e: p a r a: r e -	p - u n g e r e	j u g u l a: r e
French	b a r f i r -	s ə - v r e	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	3 y g y 1 e
Spanish	partir-	separar		
Italian	p a r t i r e	s e p a r a r e -	p - u n d e r e	j u g u l a: r e
PortugueseBrazil		separa-	р - й - з і в -	
Portuguese	pertir-	s i p e r a r	$\begin{bmatrix} \mathbf{r} \\ \mathbf{p} \end{bmatrix} - \begin{bmatrix} \mathbf{\tilde{u}} \\ - \end{bmatrix} - \begin{bmatrix} 3 \\ 3 \end{bmatrix} \mathbf{i} \cdot \mathbf{r} \end{bmatrix} - \begin{bmatrix} \mathbf{r} \\ \mathbf{r} \end{bmatrix}$	
Catalan	p ə r t i	s ə p ə r a	p - u n - i	
Walloon	p 3: R t i	1 1 1 1 1 1 1 1	1 1 1 3 1 1 1 1	
Friulian	parti:	s e p a r a:		
Romanian		s e p a r a	p u n d e	
	ToScratch	ToScratch-Rasare	ToScratch-Rasicare	ToScratch-Coctiare
Latin	r a: d e r e			
French		в a z e		
Spanish	ra-er-	r a s a r -	r a s k a r	
Italian	r a d e r e	r a s a r e		
PortugueseBrazil	ва - ев -	в а z а в -	в а ∫ к а в	k o s a 1
Portuguese	R B - 6 L -	вва в в в в	в в V ка с	k u s a r
Catalan	r a w - r ə	r ə z a	r ə s k a -	
Walloon				
Friulian	r a d a:	r a s a:		
Romanian	r a d e			
	ToDig	ToDig-Cavare	ToDig-Excavare	ToSwim
Latin	f o d e r e	k a w a: r e	e k s k a w a: r e	n - a t a: r e
French	$\left \left \left$			
Spanish		k a b a r -	e s k a b a r	n - a d a r -
Italian		k a v a r e	s k a v a r e	n w o t a r e
PortugueseBrazil		k s v a r -	i - v k s s a r -	п - а д а в -
Portuguese		k e v a r -	$ \mathbf{i} - \int \mathbf{k} \mathbf{e} \mathbf{v} \mathbf{a} \mathbf{r} -$	n - e ð a r -
Catalan		k ə b a		n - ə d a - -
Walloon		ç a: v - 1 e		
Friulian		f a v a: - -	- - z ƒ a v a: - -	n - a d a: - -
Romanian	To Curim Novinara	ToFly	To Fly Francisco	ToMolk
Latin	ToSwim-Navigare	ToFly w o 1 a: r e	ToFly-Exvolare	ToWalk
French	n a v i g a: r e n a 3 e	v o 1 e		$\int \left \mathbf{\partial} \left \mathbf{m} \right \mathbf{i} \right \mathbf{n} \left \mathbf{e} \right - \left - \right - \right $
Spanish		b o l a r -		k a m i n a r
Italian	n a b e g a r -	v o l a r e	z v o l a r e	k a m m i n a r e
PortugueseBrazil	n a v i g a r e		2 V O 1 a 1 E	k e m i p a s
Portuguese	n e v i y a s -	v o - a r -		keminar-
Catalan	n ə b ə g a	v w - a r - b u l a		k ə m i n a
Walloon	n ε dz i:	v o l e		tf i m i n e
Friulian	n a v i g a:	V J I C - -	z v o 1 a:	c a m i n a:
	naviga: -			c a III I II a: - - -
Romanian	n a v i g a		z b u r a	

	ToWalk-Marcher	ToWalk-Mergere	ToWalk-Ambitare	ToCome
Latin		m e r g e r e	a m b i t a: r e	w e n i: r e
French	m a r f e			v ə n i в -
Spanish			a n d - - a r -	benir-
Italian		m ε r dg e r e	a n d a r e	v e n i r e
PortugueseBrazil			§ - d а к -	v
Portuguese			$ \tilde{v} - d - - a r -$	v
Catalan				b ə n i
Walloon	m a: R f i:			v i n i
Friulian	1 1 1 - 19 1			v i n i:
Romanian		m e r dz e		v e n i
	ToLieAsInABed	ToLieAsInABed-lacere	ToSit	ToSit-Sedentare
Latin		j a - k e: r e	s - e d e: r e	s e d e n t a: r e
French	e - t a - d - r	3 e - z i ĸ -	s w a r - r -	1 - 1 2 1 2 1 2 1 2
Spanish	e k s t e n d e r	$\begin{vmatrix} \mathbf{j} & \mathbf{a} - \mathbf{\theta} & \mathbf{e} \end{vmatrix} \mathbf{r} -$	s - e - r - r	s e n t a r -
Italian	$e - s t \epsilon n d e r e$		s - e d e r e	
	i s t e - d e r	3 s - z e r -	s - 6 R -	$ \mathbf{s} \tilde{\mathbf{e}} - - - \mathbf{t} \mathbf{a} \mathbf{r} -$
Portuguese	$i \int t \tilde{e} - d e r$	3 e - z e r -	s - e - r -	s ẽ - - t a r - s ẽ - - t a r -
Catalan	ə - s t e n d - r ə	3 a w r ə		
Walloon		dz e r e -		
Friulian		j e - s i		s e - - n t a: - -
Romanian	e k s t i n d e	z ə - tf ea	- e d ea - -	
	ToStand	ToStand-Levare	ToStand-Altiare	ToTurnIntransitive
Latin	- s t a: r e	l e v a: r e	- a l t i a: r e	t o r n a: r e
French	ε - t - r -	1 ə v e	- o - s - e	t u
Spanish	e s t a r -	j e b a r -	- a 1 θ - a r -	tornar-
Italian	- s t a r e	l e v a r e	- a l ts a r e -	t o r n a r e
PortugueseBrazil	i f t a r -	1 e v a r -	- a 1 s - a	t o r u a r -
Portuguese	i f t a r -	l i v a r -	- a 1 s - a r -	t u r n a r -
Catalan	ə s t a	б a b a	- ə 1 s - a - -	t u r n a
Walloon	ε s - - -	1 ə v e	h o: - s - i:	t u: r n e
Friulian	- s t a:	1 e v a:	- a 1 t 5 - a: -	t o r n a:
Romanian	- s t a	1 - u a		t u r n a
	ToTurnIntransitive-	ToTurnIntransitive-	ToTurnIntransitive-	ToFall
	Gyrare	AncestralClass3	Torquere	
Latin	g y r a: r e		t o r k ^w e: r e	k - a d e r e
French	3 i R 6	v i B e - -	t о в d - в -	$\left \int \left \mathbf{w} \right \mathbf{a} \left - \right - \left \mathbf{\kappa} \right - \right $
Spanish	x i r a r -	birar-	t o r θ e r -	
Italian	фігаге	v i r a r e	t orfere	k - a d e r e
PortugueseBrazil		v i r a r -	t u r s e r -	
Portuguese	3 i r a r -	g i r a r -	t u r s e r -	
Catalan	3 i r a	bira	t 2 r 8 2 - -	k - a w - r ə
Walloon		v i в е		tf - e: R -
Friulian	dg i r a:	dz i r a: - -		tf j a d e
Romanian			t oa r tf e	k ə d ea - - -

	ToFall-Tumbare	ToHold	ToHold-Segurar	ToSqueeze
Latin		t e n - e: r e	Ŭ	eksprim-ere
French	t õ - b e -	t ə n - i в -		$\left \begin{array}{c c c c c c c c c c c c c c c c c c c $
Spanish	t u m b a r	t e n - e r -	s e g u r a r	eksprem-ir
Italian		t e n - e r e	3 1 1 1	- - s p r ε m - e r e
PortugueseBrazil	t õ - b a ĸ	t e -	s i g u r a r	i - p r ə m - e в -
Portuguese	t õ - b a r	t e r -	s i y u r a r	$\begin{vmatrix} i - \int p & p & a & b \\ p & r & a & b \\ \end{vmatrix} - \begin{vmatrix} e & r \\ r & a \end{vmatrix}$
Catalan	t u m b a -	t ə n - i	0 2 8 05 2 05 2	ə - s p r e m - ə -
Walloon	t u m - e -	t i n - i		
Friulian		t i n j i		e - s p r i m - i -
Romanian		ts i n - e		- s k - r e m e
Romanian	ToSqueeze-Serrere	ToSqueeze-Serare	ToSqueeze-	ToSqueeze-Stringere
	100queeze-Serrere	100queeze-Gerare	Appectorare	100queeze-Stilligele
Latin	s e r r e r e	se-rare	a p p e k t o r a: r	e-stringere
French	5 6 1 1 6 1 6	s e - R e		$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$
Spanish	se-rar-	$\theta \mid e \mid - \mid r \mid a \mid r \mid -$	a - p - - r e t a r	est cen - i c -
Italian	5 6 1 4 1	s e r r a r e		- s t r i n dz e r e
PortugueseBrazil	s e - в а	S i - K a r -	$ \mathbf{e} - \mathbf{p} \mathbf{i} - \mathbf{r} - \mathbf{t} \mathbf{a} \mathbf{r} $	$-\frac{3}{9}\int t r \tilde{i} - \frac{3}{3}i r -$
Portuguese	s ə - R a r -	s i - k a r -	$\begin{vmatrix} \mathbf{e} & \mathbf{p} & \mathbf{i} \\ \mathbf{e} & \mathbf{p} & \mathbf{i} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{t} & \mathbf{a} & \mathbf{r} \\ \mathbf{a} & \mathbf{r} \end{vmatrix}$	$-\frac{1}{2}\int_{0}^{1}\int_$
Catalan	s ə - r a	В П В АП		$\begin{vmatrix} \mathbf{a} & \mathbf{b} & \mathbf{b} & \mathbf{c} & \mathbf{c} & \mathbf{b} & \mathbf{c} \end{vmatrix} = \begin{vmatrix} \mathbf{c} & \mathbf{c} & \mathbf{c} & \mathbf{c} & \mathbf{c} \end{vmatrix} = \begin{vmatrix} \mathbf{c} & \mathbf{c} & \mathbf{c} & \mathbf{c} \end{vmatrix} = \begin{vmatrix} \mathbf{c} & \mathbf{c} & \mathbf{c} & \mathbf{c} \end{vmatrix} = \begin{vmatrix} \mathbf{c} & \mathbf{c} & \mathbf{c} & \mathbf{c} \end{vmatrix} = \begin{vmatrix} \mathbf{c} & \mathbf{c} & \mathbf{c} & \mathbf{c} \end{vmatrix} = \begin{vmatrix} \mathbf{c} & \mathbf{c} & \mathbf{c} & \mathbf{c} \end{vmatrix} = \begin{vmatrix} \mathbf{c} & \mathbf{c} & \mathbf{c} & \mathbf{c} \end{vmatrix} = \begin{vmatrix} \mathbf{c} & \mathbf{c} & \mathbf{c} & \mathbf{c} \end{vmatrix} = \begin{vmatrix} \mathbf{c} & \mathbf{c} & \mathbf{c} & \mathbf{c} \end{vmatrix} = \begin{vmatrix} \mathbf{c} & \mathbf{c} & \mathbf{c} & \mathbf{c} \end{vmatrix} = \begin{vmatrix} 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\mathbf{c} \end{vmatrix} = \begin{vmatrix} \mathbf{c} & \mathbf{c} & \mathbf{c} & \mathbf{c} \end{vmatrix} = \begin{vmatrix} \mathbf{c} & \mathbf{c} & \mathbf{c} & \mathbf{c} \end{vmatrix} = \begin{vmatrix} \mathbf{c} & \mathbf{c} & \mathbf{c} & \mathbf{c} \end{vmatrix} = \begin{vmatrix} \mathbf{c} & \mathbf{c} & \mathbf{c} & \mathbf{c} \end{vmatrix} = \begin{vmatrix} \mathbf{c} & \mathbf{c} & \mathbf{c} & \mathbf{c} \end{vmatrix} = \begin{vmatrix} \mathbf{c} & \mathbf{c} & \mathbf{c} & \mathbf{c} \end{vmatrix} = \begin{vmatrix} \mathbf{c} & \mathbf{c} & \mathbf{c} & \mathbf{c} \end{vmatrix} = \begin{vmatrix} \mathbf{c} & \mathbf{c} & \mathbf{c} & \mathbf{c} \end{vmatrix} = \begin{vmatrix} \mathbf{c} & \mathbf{c} & \mathbf{c} & \mathbf{c} \end{vmatrix} = \begin{vmatrix} \mathbf{c} & \mathbf{c} & \mathbf{c} & \mathbf{c} \end{vmatrix} = \begin{vmatrix} \mathbf{c} & \mathbf{c} & \mathbf{c} & \mathbf{c} \end{vmatrix} = \begin{vmatrix} \mathbf{c} & \mathbf{c} & \mathbf{c} & \mathbf{c} 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Walloon	5 8 - 1 a - -	s ε - R e		s t r i n g e
Friulian		δ ε - κ ε - -		stillige
Romanian				s t r ε n g i:
Nomanian	ToRub	ToRub-Exfricare	ToRub-Frictare	s t r i n d e ToRub-Frictiare
Latin	f r i k a: r e	TOTALPEXITICATE	f r i k t a: r e	TOTALD-T TICLIATE
French	f		f k o t e	
Spanish	fregar-		f r o t a r	f r i s a r
Italian	f r e g a r e		f r e t t a r e	1 1 1 8 a 1
	1 1 e g a 1 e	i f r i g a r	$ \mathbf{I} \mathbf{I} \mathbf{e} \mathbf{t} \mathbf{t} \mathbf{a} \mathbf{I} \mathbf{e} $	
PortugueseBrazil		: C f . :		
Portuguese	[C - - - -	$\mathbf{i} \int \mathbf{f} \mathbf{r} \mathbf{i} \mathbf{y} \mathbf{a} \mathbf{r}$		6
Catalan	f r ə g a			$ \mathbf{f} \mathbf{r} \mathbf{e} \mathbf{s} \mathbf{a} $
Walloon	f r oj		f B o t e - - -	
Friulian	f r e - a - -			
Romanian	f r e k a	T 140	T. W	T 14"
	f r e k a ToWash	ToWipe	ToWipe-Extergere	ToWipe-Exsucare
Latin	f r e k a ToWash l a w a: r e	ToWipe t e r g e r e	ToWipe-Extergere	e k s - u k - a r e
Latin French	ToWash l a w a: r e l a v e		e k s t e r g e r e	e k s - u: k - a: r e e - s u i - j e
Latin French Spanish	f r e k a ToWash 1 a w a: r e 1 a v e 1 a β a r -	t e r g e r e		e k s - u: k - a: r e e - s y i - j e e n x - u g - a r -
Latin French Spanish Italian	f r e k a ToWash l a w a: r e l a β a r - l a v a r e		e k s t e r g e r e	e k s - u: k - a: r e e - s ų i - j e e n x - u g - a r - a f f - u g - a r e
Latin French Spanish Italian PortugueseBrazil	ToWash 1 a w a: r e 1 a γ a r - 1 a v a r e 1 e v a r -	t e r g e r e	e k s t e r g e r e	e k s - u: k - a: r e e - s ų i - j e e n x - u g - a r - a f f - u g - a r e ẽ - f - u g - a r -
Latin French Spanish Italian PortugueseBrazil Portuguese	ToWash I a w a: r e I a β a r - I a v a r e I v a r - I v v a r - I v v a r -	t e r g e r e	e k s t e r g e r e e - s t a r s i r -	e k s - u: k - a: r e e - s y i - j e e n x - u g - a r - a f f - u g - a r e e - f - u g - a r - e - f - u y - a r -
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	ToWash l a w a: r e l a β a r - l a v a r e l e v a r - l e v a r - l e v a r - l e v a r - l e v a r - l e v a r - l e v a r - l e v a r -	t e r g e r e	e k s t e r g e r e	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	f r e k a ToWash l a w a: r e l a γ e l a β a r - l a ν a r e l e ν a r - l e ν a r - l ε ν a r - l a ν a r - l a ν a r - l a ν a r -	t e r g e r e	e k s t e r g e r e e - s t a r s i r -	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	ToWash l a w a: r e l a β a r - l a v a r e l e v a r - l e v a r - l e v a r - l e v a r - l e v a r - l e v a r - l e v a r - l e v a r -	t e r g e r e	e k s t e r g e r e e - s t a r s i r -	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

	ToWipe-Limpidare	ToPull	ToPull-Pulsare	ToPull-Trahere
Latin	l i m p i d a: r e	t i r a: r e	p u l s a: r e	t r a h e r e
French		t i	p u - s e	t κ - - ε κ -
Spanish	1 i m p j - a r -	t i r a r -	pu-xar-	
Italian	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	t i r a r e	p u l s a r e	t r a r - r e
PortugueseBrazil	1 $ 1 $ $ 1 $ $ 1 $ $ 1 $ $ 1 $ $ 1 $ $ 1 $ $ 1 $ $ 1 $ $ 1 $ $ 1 $ $ 1 $ $ 1 $ $ 1 $ $ 1 $ $ 1 $ $ 1 $ $ 1 $	tf i r a	$\begin{vmatrix} \mathbf{r} \\ \mathbf{p} \end{vmatrix} \mathbf{u} - \begin{vmatrix} \mathbf{f} \\ \mathbf{a} \end{vmatrix} \mathbf{r} - \begin{vmatrix} \mathbf{r} \\ \mathbf{r} \end{vmatrix}$	t r a z e
Portuguese	l î - p a r -	t i r a r -	$p \mid u \mid - \int a \mid r \mid -$	t r e z e r -
Catalan		t i r a		t r e w - r ə
Walloon		t i r e	p u: s i:	
Friulian		t i r a:	p u 1 s a:	t r aj - - -
Romanian			p u 1 s a	t r a d e
	ToPush	ToThrow	ToThrow-Lanceare	ToThrow-Eruncare
Latin	i m p i n g e r e	j a k t a: r e	l a n k e a: r e	e: - r u n k a: r e
French		3 ə - t e	1 a - s - e - -	
Spanish		- e - tf a r -	1 a n θ - a r -	a - r a n k a r -
Italian	impindgere	dge t t a r e	1 a n tf a r e -	arrontfare
PortugueseBrazil		g ej t a r	$1 \left \tilde{e} \right - \left s \right - \left a \right - \left - \right $	
Portuguese		3 ej t a r	1 e - s - a r -	
Catalan	$ \mathfrak{d} m p \epsilon \mathfrak{n} - \mathfrak{d} - -$	x i t a	$ \Lambda \ni n \mid s \mid - \mid a \mid - \mid - \mid$	
Walloon		dg ε t e	1 a n c - i:	
Friulian			1 a n tf a: - - -	
Romanian	impinde-			a - r u ŋ k a
	ToTie	ToTie-Aptare	ToSew	ToCount
Latin	1 .			
	l i g a: r e	a p t a: r e	k o: n - s u e r e	k o m p u t a: r e
French	1 i - e - -		k u - d в -	k õ t e
French Spanish	1 i - e - - - - - - - -	a p t a: r e	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	k o n t e k o n t a r -
French Spanish Italian	1 i - e - -	$ \mathbf{a} - \mathbf{t} \mathbf{a} \mathbf{r} $	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	k o n t e k o n t a r - k o n t a r e
French Spanish Italian PortugueseBrazil	1 i - e - - - - - - - -	a - t a r -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	k õ t e k o n t a r - k o n t a r e k õ t a r -
French Spanish Italian PortugueseBrazil Portuguese	l i - e l e g a r - l e g a r e	$ \mathbf{a} - \mathbf{t} \mathbf{a} \mathbf{r} $	k u - d	k õ t e k o n t a r - k o n t a r e k õ t a r - k õ t a r -
French Spanish Italian PortugueseBrazil Portuguese Catalan	1 i - e - - 1 e g a r - 1 e g a r e	a - t a r -	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	k õ - - t e - k o n - - t a r - k õ - - t a r - - k õ - - t a r - <t< td=""></t<>
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	1 i - e 1 e g a r - 1 e g a r e	a - t a r -	k u - d - - - k - - k - - k - - - - k -	k õ t e k o n t a r - k o n t a r e k õ t a r - k õ t a r - k õ t a k õ t e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	1 i - e - - 1 e g a r - 1 e g a r e	a - t a r -	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	k õ - - t e - k o n - - t a r - k õ - - t a r - - k õ - - t a r - <t< td=""></t<>
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	1 i - e - - 1 e g a r - 1 e g a r e Δ i γ a - - 1 o j i: - - 1 e g a - -	a - t a r - -	k u - d - - - k - - k - - k - - - k -	k õ t e k o n t a r - k o n t a r e k õ t a r - k õ t a r - k õ t a r - k õ t a k õ t a k õ t a k õ t a
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	1 i -	a - t a r - e - t a r - e - t a r -	k u - d - - - B - - - B - - - B - - - B -	k õ – – t t e – – k o n – – t a r – k õ n – – t a r e k õ – – t a r – k õ – – t a r – k ü m – t a – k õ – – t a r – k o n – t a –
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	1 i -	a - t a r - e - t a r - e - t a r - d a r -	k u - d - - - k - - k - - k - - - k -	k õ – – – t e – – k o n – – t a r – k õ n – – t a r e k õ – – t a r – k õ – – t a r – k ü m – t a – – k õ – – t e – – k o n – t a: – – ToSing-AncestralClass k a n t a: r e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	1 i -	ToSay d i: k e r e d i - r s -	k u - d - - - B - - - B - - - B - - - B -	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	1 i -	a - t a r - e - t a r - e - t a r - d i: k e r e d i κ - d e θ i r -	k u - d B - k o s - e r - k u tf - i r e k u z - e r - k u - z - e r - k u - z - i k ø: - z - z k u - z i c o a - s - e ToSay-Exponere e k s p o: n e r e	k õ t e k o n t a r e k õ t a r - k õ t a r - k õ t a r - k õ t a r - t a r - k õ t a r - k õ t a r - k õ n t a r - k õ n t a r - k õ n r - t a r - k õ n r - t a r - k õ n r - t a r - k õ n r - t a r - k õ n r - t a r - k õ n r - t a r - k õ n r a r e f õ r - t e r - k a n t a r r e f õ r - t e r - k a n t a r -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian	1 i -	ToSay d i: k e r e d i - k - k - d e θ i r - d i - r e	k u - d - - - B - - - B - - - B - - - B -	k \(\tilde{0}\) t e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil	1 i -	ToSay d i: k e r e d i - r e d i - r e d i z - e r	k u - d B - k o s - e r - k u tf - i r e k u z - e r - k u - z - e r - k u - z - i k ø: - z - z k u - z i c o a - s - e ToSay-Exponere e k s p o: n e r e	k \(\tilde{0} \) -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese	1 i σ a r -	ToSay d i: k e r e d i - r e d i - r e d i z - e r d i z - e r	k u - d B - k o s - e r - k u tf - i r e k u z - e r - k u - z - e r - k u - z - i k ø: - z - z k u - z i c o a - s - e ToSay-Exponere e k s p o: n e r e	k \(\tilde{0} \) - - t e - - k o n - t a r - k o n - t a r -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	1 i -	ToSay d i: k e r e d i - r e d i z - e r d i z - e r d i z - e r d i	k u - d B - k o s - e r - k u tf - i r e k u z - e r - k u - z - e r - k u - z - i k ø: - z - z k u - z i c o a - s - e ToSay-Exponere e k s p o: n e r e	k \(\tilde{0}\) t e
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	1 i σ a r -	ToSay d i: k e r e d i - r e d i z - e r d i z - e r d i z - e r d i d i d i d i	k u - d B - k o s - e r - k u tf - i r e k u z - e r - k u - z - e r - k u - z - i k ø: - z - z k u - z i c o a - s - e ToSay-Exponere e k s p o: n e r e	k õ t e k o n t a r e k õ n t a r e k õ t a r - k õ t a r - k õ t a r - k õ t a r - k õ n - t a r - k õ n r - t a r - k õ n r - t a r - k õ n r a r e K õ t e t e k õ r - t a r - k õ r t a r - k a n t a r e k a n t a r e k õ - t a r - k õ r t a r - k õ r t a r - k õ n t a - t f õ - t e t f õ - t e t f õ r - t e t f õ - t e f f
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	1 i σ a r -	ToSay d i: k e r e d i - r e d i z - e r d i z - e r d i z - e r d i	k u - d B - k o s - e r - k u tf - i r e k u z - e r - k u - z - e r - k u - z - i k ø: - z - z k u - z i c o a - s - e ToSay-Exponere e k s p o: n e r e	k \(\tilde{0}\) t e

	ToPlay-Ludere	ToPlay-Jiocare	ToFloat	ToFloat-Fluitare
Latin	1 u: d e r e	j o - k a: r e	f l u: k t u a: r e	f l u i t a: r e
French		$\begin{vmatrix} 3 \\ 3 \end{vmatrix} - \begin{vmatrix} w \\ - \end{vmatrix} e \begin{vmatrix} - \\ - \end{vmatrix}$	f 1 y k t y e	
Spanish	1 u d i r -	x u - g a r -	f l u g t w a r -	
Italian		dzo-kare	f l u t t u a r e	f 1 u i t a r e
PortugueseBrazil		3 o - g a r -	f 1 u - t u a в -	
Portuguese		3 u - γ a r -	f 1 u - t u a r -	
Catalan			f 1 u k t u a - -	
Walloon		dz u w - e		
Friulian		dz u j - a:		
Romanian		3 u - k a - -	f 1 u c t u a - -	
	ToFlow	ToFlow-Colare	ToFlow-Excurrere	ToFlow-Currere
Latin	f l u e r e	k o: l a: r e	e k s k u r r e r e	
French	f 1 y e	k u 1 e		k u - r i r -
Spanish	f l u i r -	k o l a r -	e - s k u r i r	ko-rer-
Italian	f l u i r e	k o l a r e	s k o r r e r e	
PortugueseBrazil		k о - а в -	i -	
Portuguese	f l w i r -	ku - a r -	$i - \int k u - R e r$	k u - r e r -
Catalan	f 1 u i - -	k u ł a - -	ə - s k o - r ə - -	
Walloon				
Friulian			s k o - r i:	k o - r i
Romanian	- -	T	skurdze	kurdze
	ToFreeze	ToFreeze-Glaciare	ToFreeze-Inglaciare	ToBurn-Brojan
II office	1	1 1 .		,
Latin	g e l a: r e	g l a - k i a: r e	i n g 1 a k i a: r e	
French	3 ə 1 e	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		b B y 1 e - -
French Spanish	3 a 1 e - - - - e 1 a r -	g 1 a - s - e - -		b B y 1 e - -
French Spanish Italian	3 ə 1 e - e 1 a r - dz e 1 a r e			·
French Spanish Italian PortugueseBrazil	3	g 1 a - s - e - -		b B y 1 e - -
French Spanish Italian PortugueseBrazil Portuguese	3	g 1 a - s - e - - g j a t f j a r e		b в у 1 е - -
French Spanish Italian PortugueseBrazil Portuguese Catalan	3	g 1 a - s - e - -		b s y l e - - -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	3	g l a - s - e - -		b s y l e - -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	3	g 1 a - s - e - - g j a t f j a r e	i n g l a k i a: r e	b s y l e - - -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	3	g l a - s - e - -		b s y l e - -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	3	g l a - s - e - -	i n g l a k i a: r e i n g - e ts - a	b s y l e - - -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	3 0 1 e -	g l a - s - e - -	i n g l a k i a: r e i n g - e ts - a ToBurn-Ardere	b s y l e - -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	3 0 1 e -	g l a - s - e - -	i n g l a k i a: r e i n g - e ts - a ToBurn-Ardere a r d e: r e	b s y l e - -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	3	g l a - s - e - -	i n g l a k i a: r e i n g - e ts - a ToBurn-Ardere a r d e: r e a ʁ d - ʁ -	b s y l e - -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	3 a l e e l a r e l a r	g l a - s - e - -	i n g l a k i a: r e i n g - e ts - a ToBurn-Ardere a r d e: r e a r d e r - a - a - a - a - a - a - a - a - a -	b s y l e - -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian	3 a l e - e l a r - dg e l a r e 3 i l a r - 3 i l a r - 3 a l a dg a l e Toburn-Cremare k r e m a: r e k s a m e k r e m a r e	g l a - s - e - -	i n g l a k i a: r e i n g - e ts - a ToBurn-Ardere a r d e: r e a r d e r - a r d e r e	b s y 1 e - -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	З ә l е е l а г е - е l а г е З і l а г - 3 і l а г - 3 і l а г - 6 да l е 6 З ә l а г е З ә l а г - 6 да l е 6 К г е m а г е к - е m а г е к - е m а г е К г е m а г е К г е m а г е К - е m а г е К - е m а г е	g l a - s - e - -	i n g l a k i a: r e i n g - e ts - a ToBurn-Ardere a r d e: r e a r d e r e a r d e r e a r d e r e a r d e r e a r d e r e a r d e r -	b s y l e - -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	3 a l e - e l a r e 3 i l a r - 3 i l a r - 3 i l a r - 3 a l e 4 a l e ToBurn-Cremare k r e m a: r e k s a m e k r e m a r e k r e m a r e k - ej m a r e k - ej m a r e	g l a - s - e - -	i n g l a k i a: r e i n g - e ts - a ToBurn-Ardere a r d e: r e a r d e r e a r d e r e a r d e r e a r d e r e a r d e r e a r d e r -	b s y l e - -
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	3 a l e - e l a r e 3 i l a r - 3 i l a r - 3 i l a r - 3 a l e 4 a l e ToBurn-Cremare k r e m a: r e k s a m e k r e m a r e k r e m a r e k - ej m a r e k - ej m a r e	g l a - s - e - -	i n g l a k i a: r e i n g - e ts - a ToBurn-Ardere a r d e: r e a r d e r e a r d e r e a r d e r e a r d e r e a r d e r e a r d e r -	b s y l e - -

	ToBurn-Incendere	ToBurn-	All	All-Totus
		AncestralClass8		
Latin	i n k e n d - e r e	u s t u l a: r e	o m n e: s	t o: - t u s
French	$ \tilde{\epsilon} - s \tilde{\alpha} - d j e - -$			t u - - -
Spanish	e n θ e n d - e r -			t o - d o -
Italian	$i n f \epsilon n d j a r e$	u s t o l a r e	o n n i -	t u t t o -
PortugueseBrazil	ĩ - s e n dz r a r -			t o - d u -
Portuguese	ĩ - s ẽ - d j a r -			t o - ð u -
Catalan	ə n s e n d r ə			t o - t
Walloon				t o - - -
Friulian				d u - t
Romanian	i n tf i n d 3 e	u s t u r a		t o - t
	Many	Many-Tantus	Some	Few
Latin	m u 1 t u s	t a n t u s		p a k u s
				u u
French	m u		o - k œ	p ø - - -
Spanish	m u - tf o -	t a n t o -	a l g u n o	p o k o -
Italian	m o 1 t o -	t a n t o -	a l k u n o	p 3 k 0 -
PortugueseBrazil	m ũ j - t u	$ \mathbf{t} \tilde{\mathbf{e}} - \mathbf{t} \mathbf{u} -$	a w g ũ	p o w k u
Portuguese	m ũ j - t u	$ \mathbf{t} \tilde{\mathbf{e}} - \mathbf{t} \mathbf{u} -$	$a \mid l \mid g \mid \tilde{u} \mid - \mid -$	p o w k u
Catalan	m o 1	t a n t	ə 1 g u	p 3 k
Walloon				p õ - - -
Friulian	m o 1 c	t a n c		p o: k
Romanian	m u 1 t			
	Other	Other-Alius	Big	Big-Grandem
Latin	a l t e r -	a l i u s	m a g n u s	g r a n d e m
French	o - t - r -			д R <u>а</u>
Spanish	o - t - r o		m a - n o -	g r a n d e -
Italian	a l t - r o		manno-	g r a n d e -
PortugueseBrazil	$ \mathbf{o} \mathbf{w} \mathbf{t} - \mathbf{r} \mathbf{u} $	a w - - - -		grë-dii-
Portuguese	owt-ru	a 1		$g \mid r \mid \tilde{e} \mid - \mid d \mid i \mid -$
Catalan	a 1 t - r ə			g r a n
Walloon	õ - t			g r a - - - -
Friulian	a 1 t - r i			g r a n t
Romanian	a 1 t			
	Big-Majjorem	Long-Longum	Long-Largum	Wide
Latin	m aj j o: r e m	1 o - n g u s	l a r g u s	1 a: t u s
French		1 5 - - - - -	1 а в 3	1 e
Spanish		1 o - n g o -	1 a r y o -	1 a t o -
Italian		1 u - n g o -	1 a r g o -	1 a t o -
PortugueseBrazil		1 õ - g u - -	1 a r g u -	1 a t u -
Portuguese		1 õ - g u - -	1 a r g u -	1 a t u -
Catalan		Λ o - ŋ	Λark	
Walloon				
vvalioon		1 õ - - - -		
Friulian Romanian	m a r e		l a r k l a r g	1 a t - -

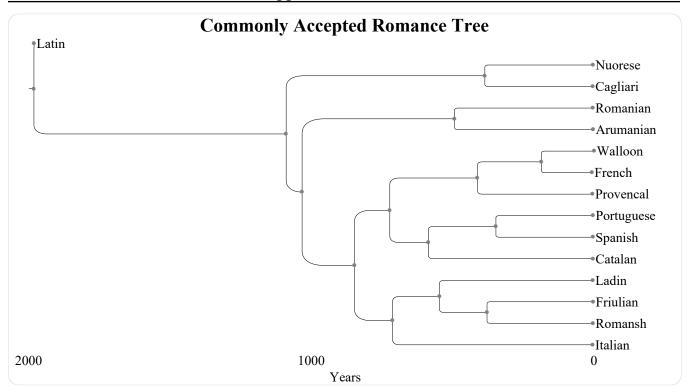
	Wide-Amplum	Thick	Thick-Spissum	Thick-Gurdum
Latin	a m p 1 u s	k r a s s u s	- s p i s s u s	g u r d u s
French	$\tilde{\mathfrak{a}}$ - p 1	g R a	e - p e	8 1 2 1 2 1 2 1 2
Spanish	a n f - o -	g r a - s o -	e s p e s o	g o r d o -
Italian	ampjo-	grasso-	- s p e s s o -	
PortugueseBrazil			$e \mid s \mid p \mid \epsilon \mid - \mid s \mid u \mid -$	
Portuguese	$ \tilde{e} - \int - u -$	$ g r a - \int u -$	$i \int p e - s u -$	
Catalan	a m p 1 ə -	g r a - s	ə s p ε - s	
Walloon			- s p ε - - - -	
Friulian		g r a s		
Romanian		J		
	Thick-Grossum	Heavy	Heavy-Lurdus	Heavy-Pesant
Latin	g r o - s s u s	g r a w i s	l u r d u s	p e: s a n t -
French	$g \mid_{\mathbf{R}} \mid_{\mathbf{O}} \mid_{-} \mid_{-} \mid_{-} \mid_{-} \mid_{-}$	g κ i j ε f	1 u r	$p \mid \mathfrak{d} \mid z \mid \tilde{\mathfrak{a}} \mid - \mid - \mid - \mid$
Spanish		g r a b e -	lerdo-	p e s a - ð o
Italian	g r o - s s o -	g r ε v e -	1 o r d o -	p e s a n t e
PortugueseBrazil		g r a - v i -	l e r d o -	p e z a - d u
Portuguese	g r o - s u	g r a v i -	1 e r d o -	p i z a - ð u
Catalan Walloon	g r o - s - -	g r e w		p ə z a - t -
Friulian	$g r w \varepsilon s - - $	$\left \begin{array}{c c c c c c c c c c c c c c c c c c c $		pezant-
Romanian	g r o - s	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		p e z a n t -
TOTTATIATI	Small	Small-Pittinus	Small-Pitulus	Short
Latin	p i t t i t u s	p i t t i n u s	p i - t u l u s	k u r t u s
French	p ə - t i	F - • • - - • •	r - r	k u r
Spanish		p e - k e n o -		korto-
Italian		p i t t i n o -	p i k k o 1 o -	k o r t o -
PortugueseBrazil		p e - k e n u -		ku ktu -
Portuguese		p i - k e n u -		k u r t u -
Catalan	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			k u r t
Walloon	p i - t i - - -			k u: r
Friulian			$p \mid i \mid - \mid t f \mid u \mid 1 \mid - \mid - \mid$	k u r t - -
Romanian		p u - ts i n		
	Short-Brevis	Narrow	Narrow-Strictus	Thin
Latin	b r e w i s	a n g u s t u s		sm i n u: - t u s
French	p κ ε t		e - t r w a	m ə n y
Spanish	b r e b e -	a n g o s t o -		m e n u - d o -
Italian	b r ε v e -	a n g u s t o -		m i n u - t o -
PortugueseBrazil Portuguese			i s t r - ej t u i f t r - ej t u	-m i - u - d u - -m i - u - ð u -
Catalan	b r ε v i - b r e w		0	
Walloon	р к е б – –		- s t R - δ:	-m ə n u - t -m i n u
Friulian	D B C 1		- s t r - ε t -	m i n u: - t
Romanian		i ŋ g u s t - -	- s t r - i m - t -	m ə r u n t
ii voiliailiali		I IJ B U S U T T T	StI IIII t	111 8 1 U II L

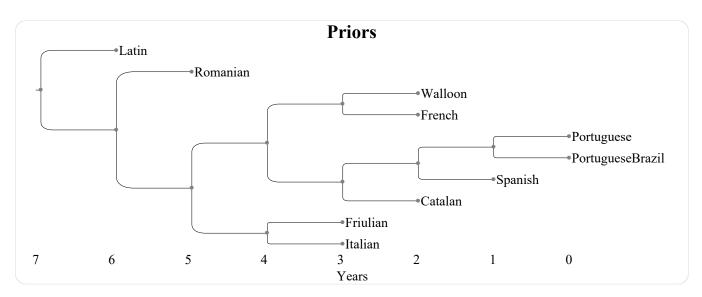
	Thin-Delicatus	Thin-Subtilis	Dry	Right-Dextrem
Latin	d e: l i k a: t u s	s u b t i: l e m	s i k k u s	d - e k s t r u m
French	d u: 3 e:		$ \mathbf{s} \mathbf{\epsilon} - \mathbf{k} - \mathbf{r} $	
Spanish	d e 1 - γ a ð o -	s u - t i 1 - -	s e - k o -	d j e - s t r o -
Italian	delikato-	s o t t i l e -	s e k k o -	d - ε - s t r o -
PortugueseBrazil		s u - tf i w	s e - k u -	d - ε - s t r u -
Portuguese	$d \epsilon l - \gamma a \delta u -$	$\begin{vmatrix} s & u \\ - & t \end{vmatrix} = \begin{vmatrix} s \\ i & w \end{vmatrix} = \begin{vmatrix} - \\ - & - \end{vmatrix}$	s e - k u -	$ d - \epsilon - \int t r u -$
Catalan	dəlikat-	s u p t i 1	s ε k	d - e - s t r ə -
Walloon		s u: - t i	$s \mid \varepsilon \mid t \mid - \mid - \mid - \mid$	
Friulian		s u - t i: 1	$\begin{vmatrix} s & \epsilon & -k & - \end{vmatrix}$	
Romanian		s u b ts i r e -	s e k	
	Right-Directus	Red	Red-Vermiculus	Red-Rubeus
Latin	d i: r - e: k t u s	r u s s u s	v e r m i k u l u s	r u - b e u s
French	d - в w a - t	в u	v ε κ m εj	в и - з
Spanish	der-e-tfo-	r o - x o -	b e r m e x o	r u - b j o -
Italian	dεstra	r o s s o -	v e r m i k - k o -	r o b b j o -
PortugueseBrazil	dir-ej-te-	R O - \O -	v e в m e К u -	r u - b e o -
Portuguese	dir-ej-te-	во -] и -	v i r m ej k u -	r u - b e o -
Catalan	d r ε t	$ \mathbf{r} \mathbf{o} - \mathbf{s} - \mathbf{o} $	b ə r m ε λ	r u - dz e
Walloon	d r ø: t		1 - 1 1 - 1 1 - 1	r o - tf
Friulian	d r ε t	r o - s - -		1 2 1 3 1 1
Romanian	d r e p t	$ \mathbf{r} \mathbf{o} - \mathbf{f} \mathbf{u} -$		r oj - b - - -
	Green	Yellow	Yellow-Amarellus	Yellow-Croceus
Latin	w i r i d e m	g a l b i n u s	amarellus	k r o k e u s
French	v e r	3 o n		
Spanish	b e r - d e -		a m a r i - j o -	
Italian	v e r - d e -			k r o tf e o -
PortugueseBrazil	verdit		emare-lu-	
Portuguese	ver di		e m e r ε - 1 u -	
Catalan	v ε r - t			g r o k
Walloon	Λ ε R	dz ε - - n - -		
Friulian	v ε r - t			
Romanian	ver de-	g a 1 b e n		
	White	One	Two-Duos	Two-Duae
Latin	a l b u s	u: n u m	d u o: s	d u - aj
French		$ \widetilde{\alpha} $ - - -	d - ø -	
Spanish	a 1 b o -	u n o -	d - o s	
İtalian	a 1 b o -	u n o -		d u - e
PortugueseBrazil	a w v u -	ũ	d - oj s	
Portuguese	a 1 v u -	$ \tilde{\mathbf{u}} - - - $	d - oj ∫	
Catalan	a 1 b	u n	d - o s	
Walloon		õ	d - ø: -	
Friulian		u n	d oj -	
Romanian	a 1 b	u n u -	d - oj -	d o w ə

	Two-Duas	Three	Four	Five
Latin	d u a s	t r - e: s	kw - a t t w o r -	k ^w i: n k ^w - e
French		t k w a -	k - a - t - в -	s e - k
Spanish		t r - e s	k w a - t r o	θ i n k - o
Italian		t r - e -	k w a t t r o	tf i n k w e
PortugueseBrazil	dupe	t r - e s	k w a - t r u	s î - k - u
Portuguese	d u e s	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	k w a - t r u	s î - k - u
Catalan	a a e j			
Walloon				
Friulian				
		t r - e: -	k w a - t - r i	tf i n k
Romanian	Hana	t r ej	p - a - t - r u	tf i n tf
Lotin	Here - e k k u m h i: k	There i l l a: k	There-Ibi	There-Adlbi
Latin			1 D I:	
French	i s i -	- - 1 a -		
Spanish	- a - k i -	a - j a -		a i
Italian	- k w - - i -	- - 1 a - - 1 a -	$- \mathbf{v} \mathbf{i}$	
PortugueseBrazil	- a - k i -	- - 1 a -		a i
Portuguese	- e - k - - i -	- - 1 a -		i g
Catalan	- a - k - - i -	a - A a -		
Walloon		- - 1 a -		
Friulian	- a - k - - i -			
Romanian		- - 1 a -		
1 41	Who-Qui	Who-Quem	What	When-Quando
Latin	$\mathbf{k}^{\mathbf{w}} - \mathbf{i} \mathbf{s}$	k ^w - e m -	k ^w - i d	kw - a n d o:
French	k - i -		k w a -	k - a - -
Spanish		k j e n -	k - e -	k w a n d o
Italian	k - i -	la I I I II I	k - e -	k w a n d o
PortugueseBrazil		k	k - i -	k w ē - d u
Portuguese		k - ej - -	k - i -	k w ē - d u
Catalan	k - i -		k - ε -	k w a n
Walloon	k - i: -		k w ε: -	k w a n d -
Friulian	$ \mathbf{k} \mathbf{w} \mathbf{i} $ -		tf - e -	k w a n t -
Romanian		tf - i n e	tf - e -	
	How-Quomodo	Not	Not-Nec	And-Et
Latin	k ^w o: m o d o	n o: n	n e k	e t
French	$ \mathbf{k} \supset \mathbf{m} \tilde{\mathbf{a}} - - $	$ \mathbf{n} \tilde{\mathfrak{o}} $ -	n i -	e -
Spanish	k o m o	n o -	n i -	i -
Italian	k o m e	n o n	n e -	e - i -
PortugueseBrazil	k o m u - -	n e -	n ej	i -
D . 1		$\widetilde{\mathbf{w}}$	NW	
Portuguese	k o m u - -	n e -	n ej -	i -
0 1 1		w		
Catalan	k 3 m	n o -	n i -	i -
Walloon	$ \mathbf{k} \mathbf{o} \mathbf{m} \tilde{\boldsymbol{\varepsilon}} - -$		$ \mathbf{n} \mathbf{\tilde{e}} $ -	ε -
Friulian	f e m u: t -	n o -		e –
Romanian	k u m	n u -		e -

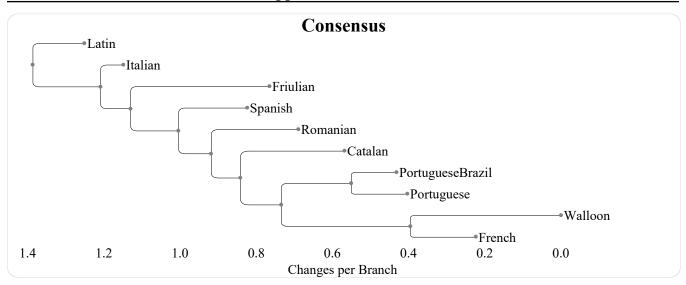
	And-Si
Latin	s i: k
French	
Spanish	
Italian	
PortugueseBrazil	
Portuguese	
Catalan	
Walloon	
Friulian	
Romanian	$\int i $ -

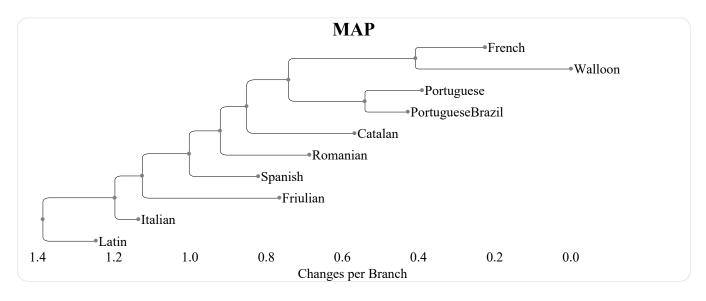
Appendix 4 - Results





Appendix 4 - Results





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