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	We	YouPlural	YouSingular
Latin	- e g o:	n o: - s	w o: - s	t u:
French		n u	v u	t u. t y
Spanish	3		$\begin{vmatrix} \mathbf{v} & \mathbf{u} \\ \mathbf{b} & \mathbf{o} \end{vmatrix} - \mathbf{s}$	t u
Italian		n o - s		
	- i - o	n o: i -	v o: i -	t u
PortugueseBrazil	- e - w	n oj - s	v oj s	t u
Portuguese	- e - w	$ n \mathfrak{o} - \int$	v o - 5	t u
Catalan	3 3		b u - s	t u
Walloon	战 I	n o	V O - S	t y
Friulian	j o	n o:	v or - -	t u
Romanian	$ \mathbf{j} \mathbf{e} $ – $ \mathbf{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	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 -	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	m u Λ - e Γ	d o n e
Catalan	v o s t e -	f e - m - b r - a	m u Λ - e	d o - n o
Walloon	V 0 3 t C	f œ - m	m u x c	d a m
Friulian				
		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	m u i: r m u - j e r e -	
Romanian		T P - M P - 1 P	m 11 - 1 6 r 6 -	d 0am - h 3
				d oam - n ə
	Child			
	Child	Child-Ninnus	Wife	Husband
Latin	i n f a n t e m		Wife	Husband mari: tus
Latin French	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Child-Ninnus	Wife	Husband mari: tus mari
Latin French Spanish	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Child-Ninnus	Wife - s p o n s a e - p u - z - e s p o - s a	Husband mari: tus mari mari ðo -
Latin French Spanish Italian	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Child-Ninnus n i p o n i n o	Wife - s p o n s a e - p u - z - e s p o - s a - s p o - z a	Husband mari: tus mari i ŏo- mari to-
Latin French Spanish Italian PortugueseBrazil	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus n i n o n i n o n e n e ñ	Wife - s p o n s a e - p u - z e s p o - s a - s p o - z a i s p o - z a	Husband mari: tus mari ðo- mari to- mari du-
Latin French Spanish Italian PortugueseBrazil Portuguese	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Child-Ninnus n i ji 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	Wife - s p o n s a e - p u - z - e s p o - s a - s p o - z a i s p o - z e i ∫ p o - z e	Husband mari: tus mari ŏo- mari to- mari du- meri ŏu-
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Child-Ninnus n i n o n i n o n e n e ñ	Wife - s p o n s a e - p u - z e s p o - s a - s p o - z a i s p o - z a	Husband mari: tus mari ðo- mari to- mari du-
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus n i ji 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	Wife - s p o n s a e - p u - z - e s p o - s a - s p o - z a i s p o - z e i ∫ p o - z e	Husband m a r i: t u s m a ʁ i m a r i ð o - m a r i t o - m a r i d u - m ɐ r i ð u - m a r i t
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Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Child-Ninnus n i n o n i n o n e n e n e n n e n e n e n e n		Husband m a r i: t u s m a r i i ð o - m a r i t o - m a r i d u - m e r i ð u - m a r i t m a r i t
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	$ \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	Wife - s p o n s a e - p u - z - e s p o - s a - s p o - z a i s p o - z a i ∫ p o - z e ə s p o - z ə	Husband m a r i: t u s m a r i i t u s m a r i i ŏ o - m a r i t o - m a r i d u - m e r i ŏ u - m a r i: t - m a r i: t - m a r i t -
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Child-Ninnus n i n o n i n o n e n e n e n n e n e n e n e n	Wife - s p o n s a e - p u - z - e s p o - s a - s p o - z a i s p o - z a i ∫ p o - z e ə s p o - z ə Mother m a: t r e m	Husband m a r i: t u s m a k i m a r i d o - m a r i d u - m a r i d u - m a r i t m a r i t Father p a t r e
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	$ \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	Wife - s p o n s a e - p u - z - e s p o - s a - s p o - z a i s p o - z a i ∫ p o - z e ə s p o - z ə Mother m a: t r e m m e - в	Husband m a r i: t u s m a k i m a r i t o - m a r i t u - m a r i t u - m a r i t u - m a r i t u - m a r i t u - m a r i t u - Father p a t r e p e - k -
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Child-Ninnus n i p o n i n o n e n e n e n e husband-Socius s o k i u s	Wife - s p o n s a e - p u - z - e s p o - s a - s p o - z a i s p o - z a i ∫ p o - z e ə s p o - z a i ∫ p o - z e ə s p o - z e	Husband m a r i: t u s m a k i m a r i d u - m a r i d u - m a r i t m a r i t Father p a t r e p e - k - p a d r e
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Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus n i p o n i n o n e n e n e n e husband-Socius s o k i u s	Wife - s p o n s a e - p u - z - e s p o - s a - s p o - z a i s p o - z a i s p o - z a i s p o - z a i s p o - z a i f ∫ p	Husband m a r i: t u s m a r i i t u s m a r i i ŏ o - m a r i t o - m a r i d u - m a r i ŏ u - m a r i t m a r i t Father p a t r e p a ŏ r e p a j p aj p aj
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Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Child-Ninnus n i p o n i n o n e n e n e n e husband-Socius s o k i u s	Wife - s p o n s a e - p u - z - e s p o - s a - s p o - z a i s p o - z a i ∫ p o - z e ə s p o - z ə Mother m a: t r e m m e - s - m a: d r e - m a: d r e - m ij m ij m a - r ə -	Husband m a r i: t u s m a k i m a r i d u - m a r i d u - m a r i t m a r i t m a r i t Father p a t r e p a d r e p aj p aj p a - r e

	Fathe	er-Tata	Animal	Animal-Bestia	Fish-Piskem
Latin	t a		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 -		I - -
Spanish	t a	t a	a l i m a n - a		$p \mid e \mid \theta \mid - \mid - \mid - \mid$
Italian	t a			b - i f - a	$\begin{array}{c c} p & c & c \\ \hline p & e & \int \int e & - \end{array}$
PortugueseBrazil	t a			$\begin{vmatrix} b & - & i & - & 1 & 1$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Portuguese	t a			$\begin{vmatrix} \mathbf{b} \\ \mathbf{b} \end{vmatrix} - \begin{vmatrix} \mathbf{i} \\ \mathbf{i} \end{vmatrix} - \begin{vmatrix} \mathbf{j} \\ \mathbf{c} \end{vmatrix} - \begin{vmatrix} \mathbf{e} \\ \mathbf{e} \end{vmatrix}$	p ej f - i -
Catalan	ιa	ι a		D - I - J - E	$\begin{vmatrix} \mathbf{p} & \mathbf{e} & \mathbf{j} & \mathbf{j} & -\mathbf{j} & \mathbf{r} \\ \mathbf{p} & \mathbf{e} & \mathbf{j} & -\mathbf{j} & -\mathbf{j} & -\mathbf{j} \end{vmatrix}$
Walloon				b i ε s - - -	p e J - - -
Friulian				b - i s	
	t a	. -	- n e m a: 1	D - 1 S - - -	p ε s
Romanian			- n ə m a - j e	Direct Accionations	pefte-
1 -41	FISN-	Pescion	Bird-Avem	Bird-Avicellum	Bird-Passerem
Latin			a w e m		upma s s e r e m
French	p w	a s õ		w a z - o	
Spanish			a b e -		p a - x a r o -
Italian				$ - - u - t f - \epsilon 1 1 $	op-a s s e r o -
PortugueseBrazil			a v i -		pa-seru-
Portuguese			a v i -		pa-seru-
Catalan			a w - -	$ - - u - s - e - \Lambda $	- -
Walloon	p -	$\epsilon h \tilde{o}$		- - u - - h - ε - -	- -
Friulian				$- - u - - tf j \epsilon - 1$	- -
Romanian					ра - в э г е -
	Dog		Louse	Snake	Worm
Latin		a n e m	p - e d u - k 1 u s	s - e r p - e n t e	mw – e r m e m
French	∫j	$\widetilde{m{arepsilon}}$ $\left egin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	s - e в р - а	-v - e B
Spanish	k -	a n - -	p j o - - x - o -	s - e r p j e n t e	-b - e r m e -
Italian	k -	a n e -	p - i d ɔ k k j o -	s - e r p - e n t e	-v - e r m e -
PortugueseBrazil	k -	e - - -	p - i - o - \lambda u - -	s - e в b - є - tl і	-v - e в m i -
	,	$\tilde{\mathrm{w}}$			
Portuguese		e	p - i - o - \lambda u - -	$ s - i r p - \tilde{e} - t i $	v - e r m i -
	,	$\tilde{\mathrm{w}}$			
Catalan		a - - -	p - o - - \lambda - - -	s - ə r p - e n	-v - ε r m
Walloon	t f -	$\tilde{\epsilon}$	p j u	$ s j \epsilon r p - \tilde{e} - - - $	v j e r
Friulian	c -	a n - -	p - e d o - 1 i - -	s - a r p - i n t -	-v j ε r - - -
Romanian	k -	ij n e -	p - ə d u - k j e -	∫ - a r p - e	v j e r m e -
	Tree		Forest	Stick	Fruit
Latin	a r	b o r e m	s i l w a	p a: 1 u s	f r u: - k t u s
French	ав	р - в		p a 1	f g g
Spanish	aſ	β ο 1	s e 1 b a	p a 1 o -	f r u t o -
Italian	a 1	bero-	s e l v a	p a 1 o -	f r u - t t o -
PortugueseBrazil		v o r i -	s ε w v a	p a w	f r u t e -
Portuguese		vuri	s ε ł v e	p a w	f r u t e -
Catalan	a -		s e l b a	p a 1	f r u j - t
Walloon		p		p a	f r y t
Friulian		b u 1	$ s \epsilon 1 v e$	p a: 1	f r u t
Romanian		b o r e -		par	f r u - k t
KUHIAHIAH					

	Seed	Seed-Sementis	Seed-Granum	Leaf
Latin	s e: m e n	s e m - e n t i s	g r a: n u m	f - o 1 i a
French		$ s \ni m - \tilde{\alpha} s$	g κ ε u	$ \mathbf{f} - \mathbf{e} \mathbf{j} - \mathbf{e} $
Spanish		s i m j e n t e -	g r a n o -	o x - a
Italian	s e m e -	s e m - e n t e -	g r a n o -	$f - a \wedge a$
PortugueseBrazil	5 6 6	$\begin{vmatrix} s & e & m \\ s & e & m \end{vmatrix} - \begin{vmatrix} \tilde{e} & - & t \\ i & - \end{vmatrix} i - $	g r $\tilde{\mathbf{g}}$	f - o \lambda - e
i ortagaooobiazii		5 6 111 6 9 1	$\widetilde{\widetilde{w}}$	
Portuguese		$ s i m - \tilde{e} - t i -$	g r e	$ \mathbf{f} - \mathbf{o} \mathbf{\Lambda} - \mathbf{e} $
Catalan			$\tilde{\mathrm{w}}$	
Catalan		s ə m - e n	g r a	$\begin{vmatrix} \mathbf{f} \\ \mathbf{c} \end{vmatrix} = \begin{vmatrix} \mathbf{u} \\ \mathbf{\lambda} \end{vmatrix} = \begin{vmatrix} \mathbf{a} \\ \mathbf{c} \end{vmatrix}$
Walloon		$ s i m- \tilde{e} - s - -$	g r i n	f - oj
Friulian		$ s e m-\epsilon n f \epsilon$	g r a n	f w e e
Romanian		s a m - i n f a -	g r i	f - oa - j e
	Leaf-Frondea	Root	Root-Radix	Root-Radicina
Latin	f r o n d e a	- r a: d i: k e m	r a: d i: k e	r a: d i: k i: n a
French	I I U II U E a	a a a a K C III	Radi	ваsin-
Spanish		- r a - i θ - -	вацин	B a 3 1 11
Italian	f r o n dz - a		r a d i: tf e	
PortugueseBrazil		- B a - i s - -	1 a u 1. y E	
	f r õ - s - e	$\begin{vmatrix} - & \mathbf{R} & \mathbf{G} & - & \mathbf{I} & \mathbf{I} & \mathbf{I} & - & - & - & - & - & - & - & - & - & $		
Catalan	1 1 0 - 5 - 6	$\begin{vmatrix} \mathbf{a} & \mathbf{b} & \mathbf{e} & \mathbf{r} & \mathbf{l} \\ \mathbf{a} & \mathbf{r} & \mathbf{\epsilon} & \mathbf{l} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{e} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - 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\begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{r} & $		
Walloon		- - - 1 3 1 6		r ε - - s ε n -
Friulian				$ \mathbf{I} \mathbf{\varepsilon} - \mathbf{S} \mathbf{\varepsilon} \mathbf{II} - \mathbf{S} \mathbf{S} \mathbf{S} \mathbf{II} \mathbf{S} $
Romanian	$ \mathbf{f} \mathbf{r} \mathbf{u} \mathbf{n} \mathbf{z} - \mathbf{a} $			
	BarkOfATree	ParkOfATron Corticon	BarkOfATree-Skortea	r ə d ə ʧ i n ə 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			e - k - o r s	f 1 c r -
Spanish		k o r t e - θ - a	С	flor-
	kortite-	kortett a	- s k - o r ts - a	f j o: r e -
PortugueseBrazil		kort i - se -	- S K - J I B - a	t 1 o R
	k o r t i s i -	kurti-se-		flor-
Catalan	X J I I I S I =	K U I I I - S E -	ə s k - ə r s - ə	flo
Walloon			9 2 K 9 I 9 9	1 1 3
v v alloul i			- h - w c - c	f 1 c r
Friulian			- h - w ε - s	fler
Friulian Romanian			- s k w a r ts - e	f 1 o: r
Friulian Romanian				
	Grass	Grass-Gramen	- s k w a r ts - e - s k - oa r ts - ə	f 1 o: r f 1 oa r e -
	Grass - h e r b a	Grass-Gramen	- s k w a r ts - e	f 1 o: r
Romanian			- s k w a r ts - e - s k - oa r ts - ə Rope	f l o: r f l oa r e - Rope-Restis
Romanian Latin	- h e r b a	g r a: m e n	- s k w a r ts - e - s k - oa r ts - ə Rope	f l o: r f l oa r e - Rope-Restis
Romanian Latin French	- h e r b a	g r a: m e n	- s k w a r ts - e - s k - oa r ts - ə Rope	f l o: r - - f l oa r e -
Romanian Latin French Spanish	- h e r b a ε в b - j - e r b a	g r a: m e n	Rope f u: n - e m	f l o: r - - f l oa r e -
Romanian Latin French Spanish Italian	- h e r b a - ε ε ε b - j - e r b a - ε r b a	g r a m a - g r a m e n	Rope f u: n - e m	f l o: r f l oa r e - Rope-Restis r e s t e m r i s t a - r ε s t a - в ε ∫ t i -
Romanian Latin French Spanish Italian PortugueseBrazil		g r e m e n g r a m a - g r a m e n g r a m e n	Rope f u: n - e m	f l o: r - - f l oa r e -
Romanian Latin French Spanish Italian PortugueseBrazil Portuguese	- h e r b a - c r b a - c r b a - c r b a - c r b a - c r b a - c r b b	g r a m a - g r a m e n	Rope f u: n - e m	f l o: r f l oa r e - Rope-Restis r e s t e m r i s t a - r ε s t a - в ε ∫ t i -
Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	- h e r b a - ε κ b ε r b a - ε κ v ε - ε r v ε - ε r b a	g r e m e n g r a m a - g r a m e n g r a m e n	Rope f u: n - e m	f l o: r f l oa r e - Rope-Restis r e s t e m r i s t a - r ε s t a - в ε ∫ t i -

	Skin	Skin-Pellis	Meat	Meat-Vivenda
Latin French Spanish	k w a - - n -	p - e l l e m p - o p j e - l	k a r n e m k a r n e -	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
Italian PortugueseBrazil Portuguese Catalan	k - o t e n n a k - o d i e k - o d i e k - o n n ə	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	k a r n e - k a r n i - k a r n i - k a r n -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Walloon Friulian Romanian	$\begin{vmatrix} \mathbf{k} \\ \mathbf{k} \end{vmatrix} - \begin{vmatrix} 0 \\ 0 \end{vmatrix} \mathbf{i} \begin{vmatrix} \mathbf{i} \\ - \end{vmatrix} \mathbf{n} \begin{vmatrix} \mathbf{i} \\ - \end{vmatrix} - \end{vmatrix}$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	ff a r c a: r k a f n e -	
	Blood	Bone	FatNoun	FatNoun-Crassia
Latin	$\begin{vmatrix} s & a & n & g^w \end{vmatrix} - \begin{vmatrix} i & n & e & m \end{vmatrix}$	- - o s s u m	a d e p e m	
French Spanish	$egin{array}{c c c c c c c c c c c c c c c c c c c $	- 0 - S - - -		$\begin{vmatrix} \mathbf{d} & \mathbf{c} & \mathbf{d} & \mathbf{s} & \mathbf{a} \\ \mathbf{d} & \mathbf{k} & \mathbf{c} & \mathbf{s} \end{vmatrix} = \mathbf{c} $
Italian PortugueseBrazil Portuguese	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	o - s u - o - s u -	a d i p e -	grase
Catalan Walloon	s a n s 5 - g	-		$ \begin{vmatrix} g & f & a & f & e \\ g & f & e & f & - \\ k & f & b & h & - \end{vmatrix} $
Friulian Romanian	s a ŋ k s i n d - e	v w ε - s - - - - - - - -	T 11	
Latin	Egg	Horn	Tail k a d a u	Feather p 1 um a
French Spanish Italian	- œ f w e b o - w o v o -	k - 2 K n -	k o l a k o d a	p l y m - p l u m a p j u m a
PortugueseBrazil Portuguese	$\begin{vmatrix} - & \mathbf{o} & \mathbf{v} & \mathbf{u} \end{vmatrix} =$ $\begin{vmatrix} - & \mathbf{o} & \mathbf{v} & \mathbf{u} \end{vmatrix} =$	$\begin{vmatrix} \mathbf{k} - \mathbf{o} & \mathbf{g} & \mathbf{n} \end{vmatrix} \mathbf{u}$ $\begin{vmatrix} \mathbf{k} - \mathbf{o} & \mathbf{r} & \mathbf{n} \end{vmatrix} \mathbf{u}$	k a d e u k a d e	
Catalan Walloon Friulian Romanian	- 3 w - - - - - - - - -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	k u - a k σ w - k σ d ε c φ d σ θ	p 1 o m σ p 1 σ m - p 1 u m ε
	Feather-Penna	Hair	Hair-Capillus	Head
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	p e n n a p ε - n - p e - n a p e n n a p e - n ε p ε - n ε p ε - n - p ε - n e p a - n e p a - n e	p i l u s p w a l	k a p i l l u s ∫ θ v Ø k a b e - j o - k a p e l l o - k a b e - l u - k θ β e - l u - k θ b ε - κ d i v ε c a v ej	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

	Head-Testa	Ear	Eye	Nose
Latin	t e s t a	o: r i - k 1 a	- o - k u 1 u s	n a: s u s
French	$ \mathbf{t} \mathbf{\epsilon} - \mathbf{t} -$	о в еј	- œ - j	n e
Spanish		ore - x - a	- o - x - o	n a s o -
Italian	t e s t a	orekkja	- o k k - j o -	n a: s o -
PortugueseBrazil		ore\hat{\chi}	- o \lambda \lambda u -	
Portuguese	$t \in \int t e$	o r ej k e	- o \land \land u -	
Catalan	t e s t ə	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		n a s
Walloon	t = s = s	2 P ei	- u - j - - - -	n e
Friulian	t ε s t e	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	v o - 1 i	n a: s
Romanian	ts ea s t ə	u r e - k - e	$\begin{vmatrix} v & 0 & - & 1 & 1 & - & - \\ - & 0 & - & k^j & - & - & - & - \end{vmatrix}$	n a s
Nomanian	Beast 8	u 1 e - K - e		
	Nose-Nares	Mouth	Mouth-Gula	Tooth
Latin		b u k k a	g u 1 a	d - e n t e m
French		b u - 5 -	g œ 1 -	$\left \begin{array}{c c} a & c & c \\ d & - & \widetilde{\alpha} \end{array} \right - \left \begin{array}{c c} - & - & - \end{array} \right $
Spanish	$ \mathbf{n} \mathbf{a} \mathbf{r} \mathbf{i} \mathbf{\theta} $	b o - k a	g o l a	d j e n t e -
Italian	n a r i tf e	b o k k a	g o l a	$d - \epsilon n t e -$
PortugueseBrazil		b o - k e	J " * "	$\begin{vmatrix} \mathbf{d} & \mathbf{e} & \mathbf{i} & \mathbf{e} \\ \mathbf{d} & \mathbf{e} & \mathbf{f} \end{vmatrix} = \begin{vmatrix} \mathbf{f} & \mathbf{i} \\ \mathbf{i} \end{vmatrix} = \mathbf{e}$
Portuguese		b o - k e		$\begin{vmatrix} \mathbf{d} & \mathbf{e} & \mathbf{g} & \mathbf{i} \\ \mathbf{d} & \mathbf{\tilde{e}} & \mathbf{t} & \mathbf{i} \end{vmatrix}$
Catalan	n a: r I s -	b o - k e	g o 1 ə	
Walloon	11 a 1 1 5 -	b o - k -		d - ε - - -
Friulian			gœj-	
		b ο - c ε	g o l e	d - i n t
Romanian	Eingerneil	b u - k ə	g u r ə	d - i n t e -
Latin	Fingernail u n g - u l a	Foot p - e - d e m	Leg-Gamba	Leg-Perna
French		*		p - e r n a
	õ - g - 1 -	p j e	$3 \tilde{a} - b -$	
Spanish	u n a	* * *	g a m b a	рјегпа
Italian	u n g j a	p j ε: - d e -	g a m b a	$ \mathbf{p} - \mathbf{\epsilon} \mathbf{r} \mathbf{n} \mathbf{o} $
PortugueseBrazil	u n e	$ p - \epsilon - - - $		р - в в п в
Portuguese	u n - - - e	$ p - \epsilon - - - -$	1 1	p - s r n e
Catalan	~	$ p - \epsilon w - - - $	k a m b ə	$p - \epsilon r n \vartheta$
Walloon	$\left \tilde{\mathfrak{o}}\right - \left g\right - \left -\right - \left -\right $	p - i - - - -	$dg \left \tilde{a} \right - \left p \right -$	
Friulian	$\mathfrak{p} \mid \mathfrak{g} \mid - \mid \mathfrak{u} \mid 1 \mid \varepsilon$	p - i: - t - -	јаmbe	
Romanian	u n g j e	p i e - z	g a m b ə	\A.C.
Latin	Leg-Petiolus	Knee-Genuculum	Hand	Wing
Latin	p e - t i o 1 u s	g - e n i - k u l u		a: 1 a
French		3 - 9 n u	m	e 1 -
	$p \mid e \mid - \mid \theta \mid i \mid o \mid 1 \mid o \mid -$	i n o - x o	mano-	a l a
Italian	p i t f - 5 1 o -	dg - i n o k k - j o		a l a
PortugueseBrazil		3 u e - - - - - K u		a - -
Portuguese			w w	
Portuguese		$ 3 \mathbf{w} \mathbf{e} - - - - \mathbf{h} \mathbf{u} $	$\tilde{\mathbf{w}} = \tilde{\mathbf{w}} = \tilde{\mathbf{w}}$	a - -
Catalan		3 - ə n o - - \lambda -	W	a l ə
Walloon		n - - n 2 - - - -	$ \mathbf{m} \mathbf{ ilde{\epsilon}} - - - $	e 1 -
Friulian	$p \varepsilon - k - o 1 - -$	dz - e n o 1 i	m a n	a l e
Romanian		dz - e n u n k ^j	m i n ə -	a 1 C
NUMBIND	p i - tf j o r	dg - e n u n k ^j - - -	111 ‡ 11 9 -	

	Belly	Belly-Pantex	Guts	Neck
Latin	w - e n t r e m	pantikem	i n t e r a: n e a	k - o 1 1 u m
French	v - ã - t B	p a - s - - - -	а - t - в а - j -	
Spanish	b j e n t r e -	p a n θ a -	ent-ran-a	k w e - j o -
Italian		p a n tf a -		k - o 1 1 o -
PortugueseBrazil		$\begin{vmatrix} \mathbf{r} \\ \mathbf{p} \end{vmatrix} = \begin{vmatrix} \mathbf{r} \\ \mathbf{s} \end{vmatrix} - \begin{vmatrix} \mathbf{r} \\ \mathbf{s} \end{vmatrix} - \begin{vmatrix} \mathbf{r} \\ \mathbf{r} \end{vmatrix} = \begin{vmatrix} \mathbf{r} \\ \mathbf{r} \end{vmatrix}$	$ \tilde{\mathbf{i}} - \mathbf{t} - \mathbf{r} \tilde{\mathbf{e}} \mathbf{n} - \mathbf{e} $	k - 5 - 1 u -
Portuguese		$\begin{vmatrix} \mathbf{r} & \mathbf{r} & \mathbf{r} \\ \mathbf{p} & \mathbf{\tilde{e}} \end{vmatrix} - \begin{vmatrix} \mathbf{s} & \mathbf{r} \\ \mathbf{s} \end{vmatrix} - \begin{vmatrix} \mathbf{r} & \mathbf{r} \\ \mathbf{e} \end{vmatrix} - \end{vmatrix}$	\tilde{e} - t - r e p - e	
Catalan	$ \mathbf{b} - \mathbf{e} \mathbf{n} \mathbf{t} \mathbf{r} \mathbf{a} -$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	ə n t - r a n - ə	k - c - h
Walloon	$\begin{vmatrix} v & - & \tilde{\epsilon} & - & t & - & - \end{vmatrix}$	$\begin{vmatrix} \mathbf{p} & \mathbf{a} & \mathbf{j}^{2} & \mathbf{j} \\ \mathbf{p} & \mathbf{a} & - & \mathbf{s} \end{vmatrix} - \begin{vmatrix} \mathbf{s} & - & - & - \\ - & - & - \end{vmatrix} - \end{vmatrix}$	0 11 0 1 1 1 J1 0	k - o
Friulian	v - i n t r i -	p a n ts e -		$ \mathbf{k} \mathbf{w} \mathbf{\epsilon} - \mathbf{l} - \mathbf{r} $
Romanian	v - i n t r e -	p i n t e tf e -		IN WE THE
Ttomanian	Back	Back-Spatula	Breast	Breast-Pectus
Latin	d - o r s u m	- s p a t u l a	s i n u s	p - e k t u s
French	d - o	e - p o 1 -	s e	A
Spanish	4 0	e s p a 1 - d a	s e n o -	*
Italian	$- \mathbf{o} \mathbf{s} \mathbf{s} \mathbf{c} - \mathbf{b} $	- s p a 1 - 1 a	s e n o -	
PortugueseBrazil	u - 3 8 8 0 -			•
Portuguese		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	s ej - u - s ej - u -	
Catalan	d - o - s - -	$\begin{bmatrix} 1 & j & p & a & d & w & -e \\ 3 & s & p & a & \Lambda & -A & 3 \end{bmatrix}$		
Walloon			s i - - -	p - i - t - -
		- s p a 1 -		
Friulian	d w e - s	- s p a 1 ε	s e n	$ p - \epsilon - t - -$
Romanian	d - o Breast-Pectorina	- s p a t - - e Heart	S a n	p j e p t
Latin	breast-Pectonna	k or	Heart-Anima	Liver f - i: k a: t u m
French	рwatьin	k - œ r -		f w a
	p w a t B I II	K - CE B -		
Spanish		k w o r e	a 1 - m a	- i γ a ð o -
Italian PortugueseBrazil			a 1 - m a a w - m e	f - e g a t o - f - i g e d u -
Portuguese		k - э в -	a w - m e	f - i a e d u -
Portuguese		1_ _ _		
		k - o r -	$\begin{vmatrix} \mathbf{a} & \mathbf{n} \\ \mathbf{a} & 1 \end{vmatrix} - \begin{vmatrix} \mathbf{n} & \mathbf{e} \\ \mathbf{m} \end{vmatrix} \mathbf{e}$	f - i γ ε ð u -
Catalan	[a 1 - m v	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Catalan Walloon	$ p w \epsilon t r i n$	k	a 1 - m e e	f - i γ ε δ u - f - e dz ə f - ce t
Catalan Walloon Friulian	$ p w \epsilon t r i n$		a 1 - m e a n i m e	f - i y e ð u - f - e dg ə f - ce t f - i j a: t
Catalan Walloon		k - o r -	a 1 - m e a n i m e i n i m ə	f - i y e ð u - f - e dg ə f - ce t f - i j a: t f - i k a t
Catalan Walloon Friulian Romanian	Sun	k - o r - k - u в - k - u: r -	a l - m e a n i m e i n i m a	f - i y e ð u - f - e dg ə f - œ t f - i j a: t f - i k a t
Catalan Walloon Friulian Romanian Latin		k - o r - k - u в - k - u: r - Sun-Soliculus s o l i k u l u s	a l - m e a n i m e i n i m a Moon l u: n a	f - i y e ð u - f - e dg ə f - œ t f - i j a: t f - i k a t Star - s t - e: 1 1 a
Catalan Walloon Friulian Romanian Latin French	Sun s o: 1 e m	k - o r - k - u в - k - u: r -	a l - m e a n i m e i n i m s Moon l u: n a l y n -	f - i y e ð u - f - e dg ə f - ce t f - i j a: t f - i k a t Star - s t - e: 1 1 a e - t w a - 1 -
Catalan Walloon Friulian Romanian Latin French Spanish	Sun s o: 1 e m s o 1 - -	k - o r - k - u в - k - u: r - Sun-Soliculus s o l i k u l u s	a l - m e a n i m e i n i m s Moon l u: n a l y n - l u n a	f - i y e ð u - f - e dz ə f - œ t f - i j a: t f - i k a t Star - s t - e: l l a e - t w a - l - e s t r e - j a
Catalan Walloon Friulian Romanian Latin French Spanish Italian	Sun s o: 1 e m s o 1 - - s o 1 e -	k - o r - k - u в - k - u: r - Sun-Soliculus s o l i k u l u s	a l - m e a n i m e i n i m e i n a l u: n a l u n a l u n a	f - i y e ð u - f - e dz ə f - œ t f - i j a: t f - i k a t Star - s t - e: l l a e - t w a - l - e s t r e - j a - s t - e l l a
Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil	Sun s o: 1 e m s o 1 - s o 1 e - s o w - -	k - o r - k - u в - k - u: r - Sun-Soliculus s o l i k u l u s	a l - m e a n i m e i n i m a l u n a l u n a l u n a l u r e	f - i y e ð u - f - e dz ə f - œ t f - i j a: t f - i k a t Star - s t - e: l l a e - t w a - l - e s t r e - j a i s t r e - l e
Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese	Sun s o: 1 e m s o 1 s o 1 e - s o w - s o 1 -	k - o r - k - u в - k - u: r - Sun-Soliculus s o l i k u l u s	a l - m e a n i m e i n i m e i n a l u: n a l u n a l u n a l u - e l u - e	f - i y e ð u - f - e dg ə f - œ t f - i j a: t f - i k a t Star - s t - e: 1 1 a e - t w a - 1 - e s t r e - j a - s t - e 1 1 a i s t r e - 1 e i ∫ t r e - 1 e
Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	Sun s o: 1 e m s o 1 - s o 1 e - s o w - -	k - 0 r -	a l - m e a n i m e i n i m e i n a n a l u n a l u n a l u - e l u - e l u n a	f - i y e ð u - f - e dg ə f - œ t f - i j a: t f - i k a t Star - s t - e: l l 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 f t r e - l e ə s t - ɛ - l -
Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	Sun s o: 1 e m s o 1 s o 1 e - s o w - s o 1 -	k - 0 r -	a l - m e a n i m e i n i m e i n a l u n a l u n a l u n a l u - e l u - e d u n a l u - e l u - e d u n a l u - e l u - e d u n a	f - i y e ð u - f - e dg ə f - œ t f - i j a: t f - i k a t Star - s t - e: l l 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 ə s t - ɛ - l s t - œ - l -
Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian	Sun s o: 1 e m s o 1 - - s o 1 e	k - o r - k - u в - k - u: r - Sun-Soliculus s o l i k u l u s	a l - m e a n i m e i n i m e i n a l w n a l w n a l u n a l u - e l u - e d u n a l u - e l u - e d u n a l u - e l u n a l u n e	f - i γ e δ u - f - e dy θ f - w t f - i j a: t f - i k a t Star - s t - e: l l 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 s t - w - l - s t - w - l - s t - w - l s t - w - l s t - w - l -
Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	Sun s o: 1 e m s o 1 s o 1 e - s o w - s o 1 -	k - 0 r -	a l - m e a n i m e i n i m e i n a l u n a l u n a l u n a l u - e l u - e d u n a l u - e l u - e d u n a l u - e l u - e d u n a	f - i y e ð u - f - e dg ə f - œ t f - i j a: t f - i k a t Star - s t - e: l l 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 ə s t - ɛ - l s t - œ - l -

	Water	Rain	River	River-Rivus
Latin	a - k ^w - a	p 1 u - w i a	f l u: m e n	r i: w u s
French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	o	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		
	River-Riparia	Lake	Sea	Salt
Latin French Spanish Italian PortugueseBrazil	r i: p - a: r i a	l a k u m l a k l a g o - l a g o - l a g u -	m a r e m ε ε - m a r e m a r e m a r e	s a: 1 e m s ε 1 s a 1 s a 1 e - s a w
Portuguese Catalan Walloon Friulian Romanian	r i v i : - r - -	1 a γ u - Λ a k 1 a k 1 a t 1 a k	m a r - m a r - m a r - m a: r - m a: r -	s a l s a l s e s a: l s a r e -
	Stone	Stone-Petra	Stone-Lapidem	Sand
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	s ej - ∫ u -	p j a t r a p j e: - r a p j e: - r a p - e δ r a <tr< td=""><td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td><td> h a r e: n a </td></tr<>	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	h a r e: n a
	Sand-Sabulum	Sand-Sabula	Dust	Dust-Pulwus
Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	s a b u 1 u m s a β - r u - s a β - r u - s o - r o -	s a - b u 1 a s a b b - j a	$ \begin{vmatrix} p & & & & & & & & & &$	p u 1 w u s
Walloon Friulian Romanian	s a v a l b n		p 3 l v a r - -	P 0 1 - - s

	Earth	Cloud	Cloud-Nubilus	Fog
Latin	t - e r r a	n u: b e: s	n u: b i 1 u s	k a: 1 i: g i n e m
French	t - 6 - R -	n y		
Spanish		n u b e -	n u b - 1 o -	k a 1 i n a -
Italian				
	t - ε r r a	n u b e -	$ \mathbf{n} \mathbf{u} \mathbf{v} \mathbf{o} 1 \mathbf{a} -$	k a l i d i n e -
PortugueseBrazil	т - е - в в	n u v ej -		k a l i z ej
Portuguese	$ \mathbf{t} - \mathbf{\epsilon} - \mathbf{R} \mathbf{s}$	$ n u v \widetilde{ej} $		k e 1 i 3 êj
Catalan	t - E - r ə		n u v o 1	
Walloon	t - e - r -			
Friulian	t j ε - r e		n u: 1	
Romanian	ts - a - r ə		n o r	
	Fog-Nebula	Fog-Tenebrae	Fog-Tenebras	Fog-Fumata
Latin	n - e - b u l a	t e n e: b r aj	t - e n - e b r a s	f u: m a: t a
French			t - e n - ε b в	f y m e
Spanish	n j e - b - 1 a		t - i n j e b l a s	f u m a t a
Italian	n - e b b - j a	t ε: n e b r e	t - ε: n - e b r e -	f u m a: t a
PortugueseBrazil			t r ϵ v - ϵ s	f u m a s e
Portuguese	$\begin{vmatrix} \mathbf{n} - \mathbf{\epsilon} - \mathbf{v} & \mathbf{w} - \mathbf{e} \\ \mathbf{n} - \mathbf{\epsilon} - \mathbf{v} & \mathbf{w} - \mathbf{e} \end{vmatrix}$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	f u m a s e
Catalan	$\begin{vmatrix} \mathbf{n} - \mathbf{e} - \mathbf{v} & \mathbf{w} - \mathbf{e} \\ \mathbf{n} - \mathbf{e} - \mathbf{w} & \mathbf{l} \end{vmatrix} $		t - ə n - e b r ə s	1 u m a s E
Walloon			t - 3 II - e D I 3 S	
	$ \mathbf{n} \mathbf{j} \mathbf{y} $ - $ - - 1 $ -			
Friulian				f u m a t e
Romanian	n - e - g u r ə			
	Fog-Caecia	Sky	Wind	Snow
Latin	k aj k i a	k - aj l u m	w - e n t u m	n - i w e m
French		s j ε 1 - -	v - a - - - -	
Spanish		θ j e 1 o -	b j e n t o -	n j e b e -
Italian		tf - ε 1 ο -	$ \mathbf{v} - \mathbf{\varepsilon} \mathbf{n} \mathbf{t} \mathbf{o} $	n - e v e -
PortugueseBrazil		s - ε w	$ \mathbf{v} $ - $ \mathbf{\tilde{e}} $ - $ \mathbf{t} \mathbf{u} $ -	$ \mathbf{n} - \mathbf{\epsilon} \mathbf{v} \mathbf{i} -$
Portuguese		$ \mathbf{s} - \mathbf{\epsilon} \mathbf{w} - -$	$ \mathbf{v} $ - $ \mathbf{\tilde{e}} $ - $ \mathbf{t} $ $ \mathbf{u} $ -	$ \mathbf{n} - \mathbf{\epsilon} \mathbf{v} \mathbf{i} -$
Catalan		s - ε 1	b - e n	n - e w
Walloon		s - i r	$ \mathbf{v} - \mathbf{\tilde{\epsilon}} - - - -$	n - i v aj -
Friulian		tf - i: 1	v - i n t	n - e: f
Romanian	tf ea tf - ə	tf - e r	$\begin{vmatrix} \mathbf{v} \\ \mathbf{v} \end{vmatrix} - \begin{vmatrix} \mathbf{i} \\ \mathbf{i} \end{vmatrix} \mathbf{n} \begin{vmatrix} \mathbf{t} \\ \mathbf{t} \end{vmatrix} - \begin{vmatrix} \mathbf{i} \\ \mathbf{r} \end{vmatrix}$	n - ea
Nomanian	y ca y	y C 1	V I II L	
	Ice	Ice-Glacies	Smoke	Fire-Focus
Latin	g e l u:	100-Gladics	f u: m u s	f - o k u m
French		g 1 a - s -	1 u. III u 5	
	3 ε 1 -	y 1 a - s -	- u m o -	
Spanish	j e l o	- : - + 4		f w e g o -
Italian	dz = 1 o	g j a t f a	f u m o -	f w o k o -
PortugueseBrazil			f u m u -	f - o g u -
Portuguese			f u m u -	f - o y u -
Catalan	3 ε Ι -	g 1 a - s -	f u m - -	f - o k
Walloon		$g \mid 1 \mid \epsilon \mid - \mid s \mid -$		f - œ
Friulian		g 1 a - tf e	f u m - -	f - u: k
Romanian	dg e r -	g - ea - ts ə	f u m - -	f - o k

	Ash	Ash-Cinisia	Road	Road-Strata
Latin	k i n e - r e m		w - i a	- s t r a: t a
French	s a - - q R - -		v w - a	
Spanish		$\theta \mid e \mid n \mid i \mid \theta \mid a$	b - i a	e s t r a d a
Italian	tf e n e - r e -		v - i a	- s t r a d a
PortugueseBrazil			v - i e	i s t r a d e
Portuguese		s î z e	v - i e	i f t r a ð e
Catalan	$s \mid \varepsilon \mid n \mid - \mid d \mid r \mid \vartheta \mid -$		b - i ə	
Walloon	$ s \tilde{\epsilon} - t - - $		v oj	
Friulian		tf i n i z ε		
Romanian		t∫ e n u ∫ ə		
	Road-Camminus	Mountain	Mountain-Montanea	Night
Latin	k a m m i: n u m	m o n t e m	m o n t a: - n e a	n - o c t e m
French	$\int \left \mathbf{a} \right - \left \mathbf{m} \right \tilde{\mathbf{\epsilon}} \left - \right - \left - \right $	$ \mathbf{m} \tilde{\mathfrak{z}} - - - $	m o - t a - n	n q i
Spanish	ka-mino-	m o n t e -	m o n t a - n - a	n - o - tf e -
Italian	k a m m i n o -	m o n t e -	m o n t a n n - a	n - s t t e -
PortugueseBrazil	k a - m î n u -	$\mathbf{m} \mid \tilde{\mathbf{o}} \mid - \mid \mathbf{t} \mathbf{f} \mid \mathbf{i} \mid -$	m ő - t ê - n - e	n - oj - t i -
Portuguese	k e - m i n u -	$m \mid \tilde{o} \mid - \mid t \mid i \mid -$	m õ - t e - n - e	n - oj - t i -
Catalan	k ə - m i	m u n	m u n t a - n - ə	n - i - t - -
Walloon	$ tf i - m \tilde{\epsilon} - - -$	m 5 - - -	$\mathbf{m} \tilde{\mathfrak{I}} - \mathbf{t} \mathbf{a} - \mathbf{n} - \mathbf{n} $	n - y - t - -
Friulian		m o n t	m o n t a - n e -	n - o - t - -
Romanian		$ m u n t \epsilon $		n - oa p t e -
	Day	Day-Diurnus	Day-Diurna	Day-Diurnata
Latin	d i e: s	d i u r n u m		d i u r n a: t a
French	1.1.1	3 - n r		3 - u r u e
Spanish	d i a -	d j u r n o -		x - o r n a d a
Italian	d i	dz - o r n o -		dz - o r n a t a
PortugueseBrazil			з з в п а	
Portuguese	d i e -		3 2 B N a	
Catalan	d i ə -	3 - 0 r n dz - u:		
Walloon	dg - u -	dg - u: - - - -		
Friulian	d i			dz - o r n a d e
Romanian	z i	Name Name	Nama Narahaan	Tangua
Lotin	Year	Name-Nomen	Name-Nominem	Tongue
Latin	a n n u m	n o: m e n	n o m i n - e m	1 i n g ^w - a
French				
IL LOUIDII	$ \tilde{a} - - - $	n ~ - -		$\begin{bmatrix} 1 & \tilde{\alpha} & -1 & \tilde{\alpha} \end{bmatrix}$
	$\begin{vmatrix} \tilde{\alpha} & - & - & - & - \\ a & - & n & 0 & - \end{vmatrix}$	n 5 - - -	n o m - b c e -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Spanish	a - n o -		$ \mathbf{n} \mathbf{o} \mathbf{m} - \mathbf{b} \mathbf{r} \mathbf{e} $ -	l e n g w a
Spanish Italian	a - n o - a n n o -	n or m e -	$ \mathbf{n} \mathbf{o} \mathbf{m} $ - $ \mathbf{b} \mathbf{r} \mathbf{e} $ -	l e n g w a l i n g w a
Spanish Italian PortugueseBrazil	a - n o - a n n o - e - n u -	n o: m e - n o m i -	$ \mathbf{n} \mathbf{o} \mathbf{m} $ - $ \mathbf{b} \mathbf{r} \mathbf{e} $ -	l е ŋ g w а l i n g w а l ĭ - g w е
Spanish Italian PortugueseBrazil Portuguese	a - n o - a n n o - e - n u - e - n u -	n o: m e - n o m i - n o m i -	n o m - b r e -	l e n g w a l i n g w a l ī - g w e l ī - g w e
Spanish Italian PortugueseBrazil Portuguese Catalan	a - n o - a n n o - e - n u - e - n u - a - n	n o: m e - n o m i - n o m i - n o m	n o m - b r e -	1 e η g w a 1 i n g w a 1 ĭ - g w ε 1 ĭ - g w ε Λ ε η g w ə
Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	a - p o - a n n o - e - n u - e - n u - a - p ã	n o: m e - n o m i - n o m i - n o m i - n o m - n o m - n o m -	$ \mathbf{n} \mathbf{o} \mathbf{m} - \mathbf{b} \mathbf{r} \mathbf{e} $ -	1 e n g w a 1 i n g w a 1 i - g w e 1 i - g w e 4 i g w e 6 i n g w e 7 i - g w e 8 i i g w e
Spanish Italian PortugueseBrazil Portuguese Catalan	a - n o - a n n o - e - n u - e - n u - a - n	n o: m e - n o m i - n o m i - n o m	$ \mathbf{n} \mathbf{o} \mathbf{m} $ - $ \mathbf{b} \mathbf{r} \mathbf{e} $ -	1 e η g w a 1 i n g w a 1 ĭ - g w ε 1 ĭ - g w ε Λ ε η g w ə

	ToDrink	ToEat	ToEat-Manducare	ToBite
Latin	b - i b e r e	k o m e d e r e	m a n d u k a: r e	m - o r d e: r e
French	p m a r -	K O III C U C I C	m a - 3 e	m - o r q - r -
Spanish	b - e b e r -	k o m e r -	mandukar-	m - o r ð e r -
Italian	b - e r e	K O III C I	mandg are	m - o r d e r e
PortugueseBrazil	р – е р е к –	1- - -		m - o r q e r -
		$egin{array}{ c c c c c c c c c c c c c c c c c c c$	0	
Portuguese	$\begin{vmatrix} \mathbf{b} \end{vmatrix} - \begin{vmatrix} \mathbf{i} \end{vmatrix} \beta \begin{vmatrix} \mathbf{e} \end{vmatrix} \mathbf{r} \begin{vmatrix} \mathbf{c} \end{vmatrix}$	$ \mathbf{K} \mathbf{u} \mathbf{m} - - \mathbf{e} \mathbf{r} $		$ \mathbf{m} - \mathbf{u} \mathbf{r} \mathbf{\delta} \mathbf{e} \mathbf{r} -$
Catalan	b - k w - r ə		m ə n ʒ a	
Walloon	p - @: R -		m a n i:	
Friulian	b - e v i		m a n f - a:	m w a r d i
Romanian	b - ea		m i n - - k a - -	
	ToBite-Morsicare	ToSuck	ToSpit	ToSpit-Exconspuere
Latin	m o r s i k a: r e	s u: g e r e	k o n s p u e r e	. Sopit Excollopació
French		s y s e	k 5 - s p y e - -	
Spanish	mo-s-kar-	3 y 3 C	K J J J P J C J	e s k u - p i r
Italian	m o r s i k a r e			C S K U
			1	
PortugueseBrazil Portuguese	m u - s ə g a	s u g a в -	$egin{array}{c c c c c c c c c c c c c c c c c c c $	
	m u - s ə g a r -	s u g a r -	$ \mathbf{K} \mathbf{u} - \mathbf{J} \mathbf{p} \mathbf{I} \mathbf{r} - \mathbf{r} $	- - 1- :
Catalan Walloon	$ \mathbf{m} \mathbf{u} - \mathbf{s} \mathbf{\partial} \mathbf{v} \mathbf{a} - -$			a s k u - p i -
		s y s i:		
Friulian		c u c a:		
Romanian	m u r s e k a	s u dz e		- s k u j p a -
1 4	ToSpit-Sputare	ToVomit	ToBlow	ToBreathe
Latin	- s p u t e r e	w o m e r e	s u f f l a: r e	r e s p i: r a: r e
French		$ \mathbf{v} \mathbf{o} \mathbf{m} \mathbf{i} \mathbf{R} -$	s u - f 1 e - -	
Spanish	e s p u t a r -			r e s p i r a r -
Italian	- s p u t a r e	v o m e r e	s o f f j a r e	r e s p i r a r e
PortugueseBrazil				я e s b i u a u -
Portuguese				к <u>і</u> ріц пап-
Catalan				r ə s p i r a
Walloon		v o: m i - -	s u - f 1 e	
Friulian	- s p u d a: - -		s o - f 1 a:	r e s p i r a: - -
Romanian		v oam e	s u - f 1 a	
	ToLaugh	ToSee	ToHear	ToKnow
Latin	r i: - d e: r e	w - i d e: r e	a - d i: r e	s k i: r e
			ŭ	
French	R I - - R -	v w a r - r -	w - - i r -	
Spanish	r e i r -	b - - e r -	o i r -	
Italian	$r \mid i: \mid - \mid d \mid e \mid r \mid e$	v - e d e r e	u - d i r e	
PortugueseBrazil	R I - - R -	v e r -	owvi b-	
Portuguese	R I - - L -	v e r -	owvi r-	
Catalan	r i w r ə	b - ε w - r ə	u i	
Walloon	R i: - - R -	v - i: R -	õ R -	
Friulian	r i - d i	v j o d i	u 1 d i:	
Romanian	r i - d e	v - e d ea	a - z i	$\int \mathbf{t} \mathbf{i} $ – $ $ –
			ų – –	

	ToKnow-Sapere	ToKnow-Cognoscere	ToThink	ToThink-Pensare
Latin	s a p - e r e	k o g n o: s k e r e		p e: n s a: r e
French	s a v w a r	k σ - n ε - t - в -	k y i d e	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Spanish	s a b - e r -	k o - n o θ - e r -	kw i d a r -	p e n s a r -
Italian	s a p - e r e	$k \circ - n \circ \int \int e r e$	k - odgitare	p e n s a r e
PortugueseBrazil	s a b - e r -	k o - п e s - е в -	k - u 3 i t a r -	b g - s a r -
Portuguese	s b - e r -	k u - p i s - e r -	k - u z i t a r -	p e s a r -
Catalan	$\begin{vmatrix} s & b & \epsilon & 1 \\ s & \beta & \beta & \epsilon & - \end{vmatrix}$	$k u - n \varepsilon \int - \vartheta$		p ə n s a
Walloon	s a v - ø: R -	k i - n o h	K u j u a	
Friulian	s a v - g. R -	k o - p o s - i		
Romanian	S a V - E. - -	$k u - n \circ s - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -$	k - u dz e t a	p e ŋ s a: p ə - s a
Nomaman		K u - II oa j t e	$ \mathbf{K} = \mathbf{u} \mathbf{u}_{3} \mathbf{e} \mathbf{t} \mathbf{a} = \mathbf{u} $	$ p \theta - s a - -$
	ToSmell-Sentire	ToSmell-Olere	ToSmell-Odorare	ToSmell-Fragrare
Latin	s e n t i: r e	o l e: r e	o d o: r a: r e	f r a: g r a: r e
French	s a - t i r -			f 1 ε - κ e - -
Spanish	s e n t i r -	o 1 e r -		
Italian	s e n t i r e	o l i r e	o d o r a r e	f r a g r a r e
PortugueseBrazil				∫ - ej - r а в -
Portuguese	s e - t i r -			ј - ej - r a r -
Catalan	sənti-	u l u r a		f l ə j r a
Walloon	$s \tilde{\epsilon} - t i - -$			
Friulian	s i n t i:			
Romanian	s i m ts i			
	ToFear	ToFear-Tremere	ToSleep	ToLive
Latin	t i m e: r e	t r e m - e r e	d - o r m i: r e	w i: w e r e
French		k в е - d - в -	d - э в m і в -	v i v - в -
Spanish	t e m e r -	t r e m - e r -	$ \mathbf{d} - \mathbf{o} \mathbf{r} \mathbf{m} \mathbf{i} \mathbf{r} -$	b i b i r -
Italian	t e m e r e	t r e m - a r e	d - o r m i r e	v i v e r e
PortugueseBrazil	t e m e в -	t r e m - е в -	q - о в ш і в -	v i v e в -
Portuguese	t i m e r -	$ t \mathbf{r} \mathbf{i} \mathbf{m} - \mathbf{e} \mathbf{r} -$	$d - u \cdot m \cdot i \cdot -$	v i v e r -
Catalan	t e m ə		d - u r m i	$\begin{vmatrix} b & i & w \end{vmatrix} - \begin{vmatrix} r & a \end{vmatrix}$
Walloon			d w a в m i	
Friulian	t e m i	t r i m - a: - -	d - u r m i:	v i v i - -
Romanian	t e m e		d - o r m i	v i - a
_	ToDie	ToKill	ToKill-Adnecare	ToKill-Tutari
Latin		n - e k a: r e		t u: - t a: r i
French	m u r i r -	n w aj - e		t - q - e - -
Spanish	morir-		a - n e g a r	
Italian	m o r i r e		a n n e g a r e	
PortugueseBrazil	шоввв-			
Portuguese	muker-			
Catalan	muri-	n - ə g a - -		
Walloon	m o R i			t u w - e - -
Friulian	m u r i:			
Romanian	m u r i	n - e k a		

	ToKill-Mactare	ToKill-Occidere	ToFight	ToFight-Battuere
Latin	m a k t a: r e	o k k i: d e r e	p u g n a: r e	battuere
French	m a - t e	э k s i в -		b a - t в -
Spanish	ma-tar-		p u - n a r -	b a - t - i r -
Italian		u t tf i d e r e	p u p p a r e	batt-ere
PortugueseBrazil	ma-ta		1 13 13 1	b a - t - e в -
Portuguese	me-tar-			b e - t - e r -
Catalan	m ə - t a	u k s i	p u - p a - -	b a - t r ə
Walloon			1	b a - t - e
Friulian	m a - tf a:			b a - t - i
Romanian	, , , , , , , ,	u - tf i d e - -		b a - t - e
	ToHunt-Captiare	ToHit	ToCut	ToCut-Curtare
Latin	k a p t i a: r e	p u l s a: r e	s - e k a: r e	k u r t a: r e
French	$\int a - s - e - $	p u - s e	s j e	
Spanish	ka-θ-ar-	p u - x a r -	s - e g a r -	kortar-
Italian	k a t tf - a r e	p u l s a r e	s - e g a r e	
PortugueseBrazil		р u - Д а в -	s - e g a r -	kortar-
Portuguese	k e - s - a r -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	s - i y a r -	kurtar-
Catalan	k ə - s - a	I 1 1 1 1 1 1 1 1 1	$\begin{vmatrix} s & - & a & b \\ s & a & - & - \end{vmatrix}$	101110101
Walloon	$\mathfrak{t} = \mathfrak{s} - \mathfrak{s} - \mathfrak{s} - \mathfrak{s}$			
Friulian	c a - tf - a:	p u 1 s a:	s - e - a: - -	
Romanian		p u 1 s a	- - -	
	ToCut-Excurtare	ToCut-Taliare	ToSplit	ToSplit-Scindere
Latin	e k s k u r t a: r e	t a: - l i a: r e	d i: w i d e r e	s k i n d e r e
French	e k u r t e	t a j - e		$ s - \tilde{\epsilon} - d e - -$
Spanish		ta-x-ar-	1 . 1 . 1 .	
· ·		t u 21 u 1	d i b i d i r -	
Italian	- - s k o r t a r e	t a - \lambda \lambda \lambda r e	d i b i d i r - d i v i d e r e	$\int - i n d e r e$
Italian PortugueseBrazil	- - s k o r t a r e		d i v i d e r e	$\left \int \left - \right i \left n \right d \left e \right r \left e \right $
	- - s k o r t a r e	t a - A A a r e		$\left \int \left - \right i \left n \right d \left e \right r \left e \right $
PortugueseBrazil	- - s k o r t a r e	t a - \(\lambda \) A a: r e t a - \(\lambda \) - a r -	dividere dividere	$\left \int \left - \right i \left n \right d \left e \right r \left e \right $
PortugueseBrazil Portuguese	- - s k o r t a r e	t a - \(\lambda \) \(\lambda \) a: r e t a - \(\lambda \) \(\lambda \) - a r - t \(\lambda \) - \(\lambda \) \(\lambda \) a r -	d i v i d e r e d i v i d i в - d i v i ð i r -	$\left \int \left - \right i \left n \right d \left e \right r \left e \right $
PortugueseBrazil Portuguese Catalan	- - s k o r t a r e - - s k u r t a: - -	t a - \(\lambda \) \(\lambda \) a: r e t a - \(\lambda \) - a r - t \(\text{a} - \lambda \) \(\lambda - \) a r - t \(\text{a} - \lambda \) \(\lambda - \) a	d i v i d e r e d i v i d i в - d i v i ð i r -	$\left \int \left \right - \left \right i \left n \left d \right e \left r \right e \right $
PortugueseBrazil Portuguese Catalan Walloon	- - s k u r t a: - - - - s k u r t a - - -	t a - λ λ a: r e t a - λ - a r - t θ - λ - a r - t θ - λ - a t θ - j i:	d i v i d e r e d i v i d i в - d i v i ð i r - d i b i d i -	$\left \int \left - \right i \left n \right d \left e \right r \left e \right $
PortugueseBrazil Portuguese Catalan Walloon Friulian	- - s k u r t a: - -	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	d i v i d e r e d i v i d i r d i r i d i r d i v i d i r d i b i d i	ToStab
PortugueseBrazil Portuguese Catalan Walloon Friulian	- s k u r t a: s k u r t a ToSplit-Findere f i n d e r e	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	d i v i d e r e d i v i d i s - d i v i d i r - d i v i d i -	
PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	- s k u r t a: s k u r t a ToSplit-Findere	t a - \(\lambda \) \(\lambda \) a \(\text{s} \) - a \(\text{s} \) - t \(\text{e} \) - \(\lambda \) - a \(\text{e} \) - \(\lambda \) - a \(\text{e} \) - \(\lambda \) - a \(\text{e} \) \(\text{f} \) a \(\text{e} \)	d i v i d e r e d i v i d i в - d i v i ð i r - d i b i d i - d i v i d e - ToSplit-Separare	ToStab
PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	- s k u r t a: s k u r t a ToSplit-Findere f i n d e r e	t a - λ λ a: r e t a - λ - a в - t ε - λ - a ε - t ε - λ - a t ε - j i: - t a - j a: - t ε - j a Tosplit-Partire p a r t i: r e	d i v i d e r e d i v i d i в - d i v i d i г - d i v i d i - d i v i d e r ToSplit-Separare s e: p a r a: r e	ToStab p - u n g e r e p w \varepsilon d - u -
PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian	-	t a - \(\lambda \) \(\lambda \) a \(\text{s} \) - \(\text{a} \) - \(\text{s} \) - \(\text{a} \) \(\text{b} \) - \(\text{j} \) a \(\text{a} \) - \(\text{t} \) a \(\text{a} \) - \(\text{t} \) a \(\text{a} \) - \(\text{j} \) a \(\text{a} \) - \(\text{t} \) - \(\text{b} \) - \(\text{j} \) a \(\text{a} \) - \(\text{t} \) - \(d i v i d e r e d i v i d i в - d i v i d i г - d i v i d i - d i v i d e - ToSplit-Separare s e: p a r a: r e s ə v в e	ToStab p - u n g e r e p w ε - d - в - p - u n dz e r e
PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	-	t a - λ λ a: r e t a - λ - a r - t e - λ - a r - t e - λ - a r - t e - j i: t a - j a: - t e - 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	d i v i d e r e d i v i d i r d i v i d i r d i v i d i r d i v i d i - Tosplit-separare s e: p a r a: r e s e p a r a r -	ToStab p u n g e r e p w \tilde{\epsilon} d - u n dg e r e p - \tilde{u} n dg e r e p - \tilde{u} - g i u -
PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian	-	t a - λ λ a: r e t a - λ - a r - t e - λ - a r - t e - λ - a r - t e - λ - a - t ε - j i: - t a - j a: - t e - j a: - ToSplit-Partire p a r t i: r e p a r t i r - p a r t i r e	d i v i d e r e d i v i d i r d i v i d i r d i v i d i r d i v i d i - ToSplit-Separare s e: p a r a: r e s e p a r a r e s e p a r a r e	ToStab p u n g e r e p w \tilde{\epsilon} d - u r p - u n dg e r e p - \tilde{u} - g i u r p - \tilde{u} - g u r u r p - \tilde{u} - g u r p - \tilde{u} - g u r u r p - \tilde{u} - g u r u r p - \tilde{u} - g u r u r p - \tilde{u} - g u r u r u r p - \tilde{u} - g u r u r u r u r u r u r u r u r u r u r u r u r u u
PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil	- 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: - - - - 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 s t u r t a: r s r - - s t u r t u r t s r s - - - s t u r t u r t s r s s r s s r s s	t a - λ λ a: r e t a - λ - a r - t e - λ - a r - t e - λ - a r - t e - j i: t a - j a: - t e - 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	d i v i d e r e d i v i d i r d i v i d i r d i v i d i r d i v i d e - ToSplit-Separare s e: p a r a: r e s e p a r a r e s e p a r a r e s e p a r a r e s e p a r a r e	ToStab p - u n g e r e p w ε - d - u - r p - u n d e r e
PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese	ToSplit-Findere f i n d e r e f a d e r e n d e r f e n d e r f e n d e r f e d e r f e d e r f e d e r	t a - λ λ a: r e t a - λ - a r t e - λ - a r t e - λ - a r t a j a: - t a j a: - t a j a: - ToSplit-Partire p a r t i: r e p a r t i r e p a r t i r e p a r t i r e	d i v i d e r e d i v i d i в - d i v i d i г - d i v i d i - d i v i d e - Tosplit-Separare s e: p a r a: r e s e p a r a r e s e p a r a r e s e p a r a r e s e p a r a r - s i p v r a r -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	- 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: - - - - 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 s t u r t a: r s r - - s t u r t u r t s r s - - - s t u r t u r t s r s s r s s r s s	t a - \(\lambda \) \(\lambda \) a \(\text{s} \) - \(\lambda \) a \(\text{s} \) - \(\text{t} \) a \(\text{s} \) - \(\lambda \) a \(\text{t} \) i \(\text{s} \) - \(\text{p} \) a \(\text{t} \) i \(\text{s} \) - \(\text{p} \) a \(\text{t} \) i \(\text{s} \) - \(\text{p} \) a \(\text{t} \) i \(\text{t} \) i \(\text{s} \) - \(\text{p} \) a \(\text{t} \) i \(\text{t} \) i \(\text{s} \) - \(\text{p} \) a \(\text{t} \) i \(\text{t} \) i \(\text{t} \) i \(\text{s} \) - \(\text{p} \) a \(\text{t} \) i \(\text{t} \)	d i v i d e r e d i v i d i в - d i v i d i г - d i v i d i - d i v i d e - Tosplit-Separare s e: p a r a: r e s e p a r a r e s e p a r a r e s e p a r a r e s e p a r a r - s i p v r a r -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

	ToStab-lugulare	ToScratch	ToScratch-Rasare	ToScratch-Rasicare
Latin	j u g u l a: r e	r a: d e r e		
French	3 y g y 1 e		в а z е	
Spanish	3 7 7 3 7 7 7 7 7	r a - e r -	r a s a r	r a s k a r
Italian	j u g u 1 a: r e	r a d e r e	r a s a r e	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
PortugueseBrazil	13 4 5 4 1 4 1 1	ка-ек-	ка z а к -	ва l ka в
Portuguese		R	к в z a t	в в р ка с
Catalan		r a w - r ə	r ə z a	r ə s k a -
Walloon			1 0 2 4	
Friulian		r a d a:	r a s a:	
Romanian		r a d e	1 u 5 u	
rtorriaman	ToScratch-Coctiare	ToDig	ToDig-Cavare	ToDig-Excavare
Latin	rocordion occidio	f - o d e r e	k a w a: r e	e k s k a w a: r e
French		f w i r - r -	$\int \partial v e$	
Spanish		- · · · - · · · ·	k a b a r -	e - s k a b a r -
Italian			k a v a r e	s k a v a r e
PortugueseBrazil	k o s a J		k a v a r -	i - \(\) k & v a k -
Portuguese	k u s a r		k e v a r	i - f k e v a r -
Catalan	K U U U I		k ə b a	I J K O V U I
Walloon			K O D U	
Friulian			f a v a:	- - z ƒ a v a: - -
Romanian			J a v a	
	ToSwim	ToSwim-Navigare	ToFly	ToFly-Exvolare
Latin	n - a t a r e	n a v i g a: r e	w o l a: r e	,
French		n a 3 e	v o 1 e	
Spanish	n - a d a r -	n a b e g a r -	b o 1 a r -	
Italian	n w o t a r e	n a v i g a r e	v o l a r e	z v o l a r e
PortugueseBrazil	n - a d a в -	n a v i y a r -	v o - a r -	
Portuguese	n - e ð a r -	n e v i y a r -	v w - a r -	
Catalan	n - ə d a	n ə b ə g a - -	b u 1 a	
Walloon		n ε - - dz i: - -	v ɔ 1 e - -	
Friulian	n - a d a:	n a v i g a:		z v o 1 a:
Romanian		n a v i g a		z b u r a
	ToWalk	ToWalk-Marcher	ToWalk-Mergere	ToWalk-Ambitare
Latin			m e r g e r e	a m b i t a: r e
French	$\int \left \begin{array}{c c c c c c c c c c c c c c c c c c c $	m a в ∫ e		
Spanish	ka-minar-			a n d a r -
Italian	k a m m i n a r e		$m \mid \varepsilon \mid r \mid d \!\!\!\! / \!\!\!\! / \!\!\! / \!\!\!\! / \!\!\!\! / \!\!\!\! / \!\!\!\! / \!\!\!\! / \!\!\!\! / \!\!\!\! / \!\!\!\! / \!\!\!\! / \!\!\!\! / \!\!\!\! / \!\!\!\! / \!\!\!\!\!\!$	a n d a r e
PortugueseBrazil	3			$\begin{bmatrix} \tilde{\mathbf{g}} & - & \mathbf{d} & - & - & - & \mathbf{a} & \mathbf{k} & - \\ \tilde{\mathbf{g}} & - & \mathbf{d} & - & - & \mathbf{a} & \mathbf{k} & - \end{bmatrix}$
Portuguese	ke-mipar-			
Catalan	k ə - m i n a			
Walloon	tf i - m i n e - -	m a: R f i:		
Friulian	c a - m i n a: - -			
Romanian			m e r dz e	

	ToCome	ToLieAsInABed	ToLieAsInABed-lacere	ToSit
Latin	w e n i: r e	e k s t e n d e r e	j a - k e: r e	s - e d e: r e
French	v ə n i в -	e - - t a - d - u -	3 e - z i ĸ -	s w a в -
Spanish	benir-	ekstender-	j a - θ e r -	s - e r -
Italian	v e n i r e	e - s t ε n d e r e	dga - tfe: re	s - e d e r e
PortugueseBrazil	v i k -	i - s t ё - d e в -	3 6 - 2 6 R -	s - e - в -
Portuguese	v i r -	$\begin{vmatrix} i - \int t \tilde{e} - d e r - \end{vmatrix}$	3 e - z e r -	s - e r -
Catalan	b ə n i	ə - s t e n d - r ə	3 a w r ə	
Walloon	v i n i		dg e r e	
Friulian	v i n i:		j e - s i	
Romanian	v e n i - -	e k s t i n d e	z ə - tf ea	∫ - e d ea - -
1 (*	ToSit-Sedentare	ToStand	ToStand-Levare	ToStand-Altiare
Latin	s e d e n t a: r e	- s t a: r e	l e v a: r e	
French		ε - t - R -	1 ə v e - -	- o - s e
Spanish	s e - - n t a r -	e s t a r -	j e b a r -	- a 1 θ a r -
Italian	- 2	- s t a r e	l e v a r e	- a l ts a r e
	s	i f t a r -	l e v a в -	- a 1 s a
Portuguese Catalan	s e - - - t a r -	i s t a r -	l i v a r -	- a ł s a r -
_		ə s t a	λ ə b a	- ə l s a
Walloon		ε s	1 ə v e - -	h o: - s i:
Friulian	s e - - n t a: - -	- s t a: - -	1 e v a:	- a 1 tf a:
Romanian	T T 1 1 111	- s t a - -	1 - u a	
	ToTurnIntransitive	ToTurnIntransitive- Gyrare	ToTurnIntransitive- AncestralClass3	ToTurnIntransitive- Torquere
Latin	t o r n a: r e	g y r a: r e	Alicestraiciasso	t o r k ^w e: r e
		1317 122 12		
French	t u r n e	3 i B e - -	v i	t э в d - в -
Spanish	tornar-	x i r a r -	b i r a r -	t o r θ e r -
Italian	t o r n a r e	dgirare	v i r a r e	t orfere
PortugueseBrazil	toruar-	g i r a r -	v i r a r -	t u r s e r -
Portuguese	t u r n a r -	g i r a r -	girar-	t u r s e r -
Catalan	t u r n a	3 i r a	b i r a	t o r s ə
Walloon	t u: r n e		v i	
Friulian	t o r n a:	dg i r a: - -	dg i r a:	
Romanian	t u r n a		•	t oa r f e
I atte	ToFall	ToFall-Tumbare	ToGive	ToGive-Donare
Latin	k - a d e r e		d a r e	d o n a: r e
French	$\int_{a}^{b} \mathbf{w} \mathbf{a} - \mathbf{r} \mathbf{R} - \mathbf{r} $	t o - b e -	1	d o n e
Spanish	k - a - e r -	t u m b a r	dar -	d o n a r -
Italian	k - a d e r e		d a r e	d o n a r e
PortugueseBrazil	k - g - i r -	t o - p a r	q a r -	d o - a
Portuguese	k - e - i r -	t õ - b a r	d a r -	d u - a r -
Catalan	k - a w - r ə	t u m b a -	dar-	d u n a
Walloon	tf - E: - R -	t u m - e -	1	d i n e
Friulian	tf j a d e		d a:	d o n a:
Romanian	k - ə d ea		d a - -	

	ToHold	ToHold-Segurar	ToSqueeze	ToSqueeze-Serrere
Latin	t e n - e: r e	The state of the s	e k s p r i m - e r	
French	t ə n - i в -		e b r ε - q - r	
Spanish	t e n - e r -	s e g u r a r	e k s p r e m - i r	
Italian	t e n - e r e		$- - s p r \epsilon m - e r $	
PortugueseBrazil	t e r r	s i g u r a r		- s e - в а - -
Portuguese	t e r -	s i y u r a r		-s ə - R a r -
Catalan	t ə n - i			-s ə - r a
Walloon	t i n - i		T	
Friulian	t i n j i		e - s p r i m - i -	
Romanian	ts i n - e		- s k - r e m - e -	
	ToSqueeze-Serare	ToSqueeze-	ToSqueeze-Stringere	ToRub
	100440020 001410	Appectorare	100440020 011119010	101(0)
Latin	se-rare		e - s t r i n g e r e	f r i k a: r e
French	s e - R e	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	f κ εj e
Spanish	$\theta \mid e \mid - \mid r \mid a \mid r \mid -$	a - p - - r e t a r	estrepi-ir-	fregar-
Italian	s e r r a r e		- s t r i n dz e r e	
PortugueseBrazil	s i - k a r -	e - p i - r - t a r	$-\partial \int \mathbf{r} \cdot $	
Portuguese	s i - k a r -	e - p i - r - t a r	$-\partial \int t r \tilde{1} - \tilde{3} i r -$	
Catalan			$\frac{1}{2}$ $\frac{1}$	f r ə g a
Walloon	$ s \epsilon - r e - -$		- s t r i n g e	f r oj
Friulian			$- s t r \varepsilon n g i: - -$	f r e - a
Romanian			- s t r i n d e	f r e k a
	ToRub-Exfricare	ToRub-Frictare	ToRub-Frictiare	ToWash
Latin		f r i k t a: r e		1 a w a: r e
French		f r o - t e - -		1 a v e
Spanish		fro-tar-	f r i s a r	1 a β a r -
Italian		f r e t t a r e		1 a v a r e
PortugueseBrazil	i f f i g a r			1 e v a r -
Portuguese	i f f i y a r			1 e v a r -
Catalan			f r ə s a -	К ə b a
Walloon		f r o - t e - -		1 a v e
Friulian				1 a v a:
Romanian				1 a
	ToWipe	ToWipe-Extergere	ToWipe-Exsucare	ToWipe-Limpidare
Latin	t e r g e r e	e k s t e r g e r e		1 i m p i d a: r e
French			e - s y i - j e - -	
Spanish		e - $ s $ t $ a $ $ c $ $ s $ i $ c $ -		1 i m p j - a r -
Italian	$t \mid \varepsilon \mid r \mid dg \mid e \mid r \mid e$		$a \int \int - u g - a r e$	
PortugueseBrazil			$\tilde{e} - \int_{a} - u g - a r -$	
Portuguese			$\tilde{\mathbf{e}} - \int_{\mathbf{r}} - \mathbf{u} \tilde{\mathbf{y}} - \mathbf{a} \mathbf{r} - \mathbf{a}$	
Catalan		$ \mathbf{a} - \mathbf{s} \mathbf{t} \mathbf{a} \mathbf{r} \mathbf{z} \mathbf{i} - - $	$ a - \int a g - a - a $	
Walloon			s - u - w e	
Lriulion			- - s - u - j a: - -	
Friulian Romanian		- - f t e r dz e - -	u - s k - a	

	ToPull	ToPull-Pulsare	ToPull-Trahere	ToPush
Latin	t i r a: r e	p u l s a: r e	t r a h e r e	impingere
French	t i	p u - s e	t R - - ε R -	
Spanish	t i r a r -	pu-xar-		
Italian	t i r a r e	p u l s a r e	t r a r - r e	impindgere
PortugueseBrazil		$\begin{vmatrix} \mathbf{r} \\ \mathbf{p} \end{vmatrix} \mathbf{u} - \begin{vmatrix} \mathbf{r} \\ \mathbf{a} \end{vmatrix} \mathbf{r} - \begin{vmatrix} \mathbf{r} \\ \mathbf{r} \end{vmatrix}$	t r a z e	1 1 1 1 3
Portuguese	t i r a r -	$\begin{vmatrix} \mathbf{r} & \mathbf{u} \\ \mathbf{p} & \mathbf{u} \end{vmatrix} - \begin{vmatrix} \mathbf{J} & \mathbf{a} \\ \mathbf{r} \end{vmatrix} = \mathbf{r}$	t r e z e r -	
Catalan	t i r a		t r & w - r ə	$\begin{vmatrix} \mathbf{a} & \mathbf{m} & \mathbf{p} & \mathbf{\epsilon} & \mathbf{n} \end{vmatrix} - \begin{vmatrix} \mathbf{a} & \mathbf{e} \end{vmatrix} - \begin{vmatrix} \mathbf{e} & \mathbf{e} \end{vmatrix}$
Walloon	t i r e	p u: s i:		
Friulian	t i r a:	p u l s a:	t r aj - - -	
Romanian	t I I a.	p u l s a	t radge	i m p i n dz e
TOHAHAH	ToThrow	ToThrow-Lanceare	ToThrow-Eruncare	ToTie
Latin	j a k t a: r e	l a n k e a: r e	e: - r u n k a: r e	l i g a: r e
French	3 9 - t e	1 a n k e a n e 1 e 1 a n k e a n e 1 e 1 a n k e a n e 1 e 1 a n e 1	c. I u II K a. I C	1 i g a. i e
Spanish		$\begin{vmatrix} 1 & \alpha & - & \beta & - & \theta & - \\ 1 & a & n & \theta & - & a & r & - \end{vmatrix}$	a - rankar-	
Italian				legar-
	dy e t t a r e	l a n tf - a r e	a r r o n tf a r e	1 e g a r e
PortugueseBrazil				
Portuguese	g ej - t a r -			
Catalan	x i - t a	$ \Lambda \Rightarrow n s - a - a $		Λ i y a
Walloon	dz ε - t e - -	1 a n c - i:		1 oj i:
Friulian		1 a n tf - a: - -		1 e - a:
Romanian			a - r u ŋ k a	1 e g a
L - the	ToTie-Aptare	ToSew	ToCount	ToCount-Numerare
Latin	a p t a: r e	k o: n - s u e r e	k o m p u t a: r e	n u m - e r a: r e
French		k u - d B -	k õ t e	$ n \mathfrak{J} - p - \mathfrak{R} e - -$
Spanish	a - t a r -	k o s - e r -	k o n t a r -	
Italian		ku tf - i r e	k o n t a r e	n o v - e r a r e
PortugueseBrazil		k u z - e r -	k õ t a r -	
Portuguese	e - tar-	k u - - z - e r -	k õ t a r -	
Catalan		k u z - i	k u m t a	n u m - e r a - -
Walloon		k ø: z	k õ t e	
Friulian		k u z - i	k o n t a:	n u m - e r a:
Romanian		c oa - - s - e - -		n u m - a r a - -
			- 01	
1	ToSay	ToSay-Exponere	ToSing-AncestralClass	
Latin	d i: k e r e	e k s p o: n e r e	k a n t a: r e	1 u: d e r e
French	q i R -		$\int_{a} \left \tilde{\alpha} \right - \left t \right e \left - \right - $	
Spanish	d e θ i r -			1 u d i r
Italian	d i r e	- - s p o r - r e	k a n t a r e	
PortugueseBrazil	d i z e r -		k e - t a r -	
Portuguese	d i z e r -		k e - t a r -	
Catalan	d i		k ə n t a	
Walloon	q i: - - R -		$ \mathfrak{t} \mathfrak{a} - \mathfrak{t} \mathfrak{e} - \mathfrak{e} $	
Friulian	d i:		c a n t a:	
Romanian	$z \mid i \mid \mathfrak{t} \mid e \mid - \mid - \mid$	s p u n e	k i n t a	

	ToPlay-Jiocare	ToFloat	ToFloat-Fluitare	ToFlow
Latin	j o - k a: r e	f l u: k t u a: r e	f l u i t a: r e	f l u e r e
French	3 - w - e	f 1 y k t y e		f 1 y e
Spanish	x u - g a r -	flugtwar-		f l u i r -
Italian	dzo - kare	f l u t t u a r e	f l u i t a r e	f l u i r e
PortugueseBrazil		f 1 u - t u a r -		f 1 w i в -
Portuguese	3 u - y a r -	f l u - t u a r -		f 1 w i r -
Catalan	3 u - g a	f l u k t u a		f 1 u i
Walloon	dz u w - e			
Friulian	dg u j - a:			
Romanian	3 u - k a	f 1 u c t u a - -		
	ToFlow-Colare	ToFlow-Excurrere	ToFlow-Currere	ToFreeze
Latin	k o: l a: r e	e k s k u r r e r e	k u r r e r e	g e l a: r e
French	k u 1 e		k u -	3 ə 1 e
Spanish	kolar-	e - s k u - r i r -	k o - r e r -	- e 1 a r -
Italian	k o l a r e	s k o r r e r e		dg e l a r e
PortugueseBrazil	k о - а в -	i - Д k о - к е к -	k o - к e к -	3 i 1 a r -
Portuguese	ku-ar-	i - f k u - R e r -	k u - r e r -	3 i 1 a r -
Catalan	k u ł a	ə - s k o - r ə	k o - r ə	3 ə 1 a
Walloon	k o 1 e		k o - R i	d3 a 1 e
Friulian		s k o - r i:	k o - r i	
Romanian		s k u r dz e		
	ToFreeze-Glaciare	ToFreeze-Inglaciare	ToSwell	ToSwell-Conflare
Latin	g l a - k i a: r e	i n g l a k i a: r e	i n f l a: r e	- k - o n f 1 a: r e
French	g 1 a - s - e		$ \tilde{\alpha} $ - $ f $ $ 1 $ $ e $ - $ -$	- g - õ - f 1 e - -
Spanish			i n tf - a r -	
Italian	g j a t t f j a r e		e n f i a r e	- g - o n f j a r e
PortugueseBrazil			$ \tilde{\mathbf{i}} - \int - \mathbf{a} \mathbf{f} $	
Portuguese			î - a r -	
Catalan	g 1 a - s - a - a		i m f 1 a	
Walloon			$ \tilde{e} - f 1 e - -$	- g - õ - f 1 e - -
Friulian	g 1 a - tf - a: - -		e n f 1 a:	z g 1 o ŋ f - a: - -
Romanian		i n g - e ts - a		
	ToSwell-Intumescere	ToSwell-Crescere	ToBurn-Cremare	ToBurn-Flammare
Latin	i n t u m e: s k e r		k r e m a: r e	f l a m m a: r e
French		k k m a - t - k -	k в a m e	f 1 a - m e - -
Spanish	$e \mid n \mid t \mid u \mid m \mid e \mid \theta \mid - \mid e \mid r \mid$		k - e m a r -	
Italian		$ \mathbf{k} \mathbf{r} - \mathbf{e} \int \mathbf{f} \mathbf{e} \mathbf{r} \mathbf{e} $	k r e m a r e	f j a m m a r e
		-k r - e s - e r -	k - ej m a r e	
Portuguese	î - t u m e s - e r	-k r - i f s e r -	k - ej m a в e	
Catalan		$ \mathbf{k} \mathbf{r} - \mathbf{e} - \int \mathbf{a} - \mathbf{r} $	k r ə m a	f 1 a - m a - -
Walloon				
Friulian				f 1 a - m a:
Romanian		k r - e f t e		

	ToBurn-Ardere	ToBurn-Flagrare	ToBurn-Incendere	ToBurn-Ustulare
Latin French	a r d e: r e	f l a g r a: r e f l a g r e	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
Spanish	a r d e r -	flagrar-	e n θ e n d - e r -	
Italian	a r d e r e	f l a g r a r e	i n tf ε n d j a r e	u s t o l a r e
PortugueseBrazil	а к q в к -	f 1 a g к а к -	ĩ - s e n d I a r -	
Portuguese	- 1 9 b 1 9	f l a g r a r -	$\tilde{i} - s \tilde{e} - d j a r -$	
Catalan			ə n s e n d r ə	
Walloon				
Friulian				
Romanian	a r d e	A = .	i n tf i n d z e	u s t u r a
1 (All	All-Totus	Many	Many-Tantus
Latin	o m n i s	t o: - t u s	m u l t u s	t a n t u s
French		t u	m u	t a n t o -
Spanish Italian	o n n i -	t o - d o - t u t t o -	m u - tf o - m o 1 t o -	t a n t o -
PortugueseBrazil	0 11 11 1	t u t t o - t o - d u -	m ũ j - t u	t a n t o - t e - t u -
Portuguese		t o - ð u -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{vmatrix} t & \tilde{e} \\ t & \tilde{e} \end{vmatrix} - \begin{vmatrix} t & u \\ t & u \end{vmatrix} - \begin{vmatrix} t & u \\ t & u \end{vmatrix}$
Catalan		t o - t	m o 1	t a n t
Walloon		t o - - -		
Friulian		d u - t	m o 1 c	t a n c
Romanian		t o - t	m u 1 t	
	Some	Few	Other	Other-Alius
Latin		p a k u s	a 1 t e r -	a 1 i u s
French	o - k œ	p ø	o - t - r -	
Spanish	a l g u n o	p o k o -	o - t - r o	
Italian	a l k u n o	p o k o -	a 1 t - r o	
PortugueseBrazil		p o w k u	owt-ru	a w - - -
Portuguese Catalan	$egin{array}{c cccc} a & 1 & g & \tilde{u} & - & - \\ \hline a & 1 & g & u & - & - \end{array}$	p o w k u p o k	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	a t - - -
Walloon	$ \theta $ 1 $ g u $ - $ \theta $	p o	$\tilde{o} - t$	
Friulian		p o: k	$\begin{bmatrix} a & 1 & t \\ a & 1 & t \end{bmatrix}$ - $\begin{bmatrix} r & i \end{bmatrix}$	
Romanian		Pierin	a 1 t	
	Big	Big-Grandem	Big-Majjorem	Long-Longum
Latin	m a g n u s	g r a n d e m	maj j o: r e m	l o n g u s
French		g R g		1 5
	ma-no-	g r a n d e -		1 o n g o -
Italian	manno-	g r a n d e -		1 u n g o -
PortugueseBrazil		grē-dii-		1 õ - g u -
Portuguese Catalan		grë-di-		1 ő - g u -
Walloon		g r a n		$egin{array}{c c c c c c c c c c c c c c c c c c c $
		9 2 4		* V
Friulian		grant-		1 u n k

	Long-Largum	Wide	Wide-Amplum	Thick
Latin	largus	l a: t u s	a m p 1 u s	k r a s s u s
French	1 а в 3	1 e	$ \tilde{a} - \tilde{p} 1 - -$	g r a
Spanish	1 a r γ o -	1 a t o -	a n f - o -	g r a - s o -
Italian	1 a r g o -	lato-	a m p j o -	g r a s s o -
PortugueseBrazil	1 a в g u -	latu-	$ \tilde{e} - \int_{0}^{1} u - u $	9 12 2 2 2
Portuguese	largu-	latu-	$ \tilde{e} - \int - u -$	$ g \cdot a - \int u -$
Catalan	багва		a m p 1 ə -	$\begin{vmatrix} g & r & a & f & a \\ g & r & a & -s & -s & -s \end{vmatrix}$
Walloon	11 u 1 R			g 1 u 5
Friulian	1 a r k			g r a s
Romanian	1 a r g	1 a t		g r a s
T COTTIGHTICH	Thick-Spissum	Thick-Gurdum	Thick-Grossus	Heavy
Latin	- s p i s s u s	g u r d u s	g r o - s s u s	g r a w i s
French	e - p e	3 4 5 4 4	g R O	g κ i j ε f
Spanish	e s p e s o	gordo-	9,5,0,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	g r a b e -
Italian	- s p e s s o -	9,0,1,4,0	g r o - s s o -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
PortugueseBrazil	$i \mid s \mid p \mid \epsilon \mid s \mid s \mid u \mid -$		grosu-	gra-ve-
Portuguese	$\begin{vmatrix} i & j & e \\ i & j & e \end{vmatrix} - \begin{vmatrix} s & u \\ s & u \end{vmatrix} - \begin{vmatrix} s & u \\ s & u \end{vmatrix}$		gro-su-	gra-vi
Catalan			$g \cdot g \cdot$	
Walloon	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		9 1 3 8	
Friulian	- s p ε - - -		$ \mathbf{g} \mathbf{r} \mathbf{w} \mathbf{\varepsilon} \mathbf{s} - - -$	g r a v
				$g \mid r \mid \epsilon \mid - \mid - \mid v \mid i \mid -$
Romanian		0 "	g r o - s	g r e w
Latin	Heavy-Lurdus	Small	Small-Pittinus	Small-Pitulus
		p i t t i t u s	$p \mid i \mid t \mid t \mid i \mid n \mid u \mid s$	$p \mid i \mid - \mid t \mid u \mid 1 \mid u \mid s$
French	1 u s	p ə - t i - - -	1 1 1 1	
Spanish	1 e r d o -		ре-кело-	
				. 1 1 1
Italian	1 o r d o -		p i t tf i n o -	p i k k o 1 o -
PortugueseBrazil	1 o r d o - 1 e r d o -		p i t tf i n o - p e - k e n u -	p i k k o 1 o -
PortugueseBrazil Portuguese	1 o r d o -		p i t tf i n o -	p i k k o 1 o -
PortugueseBrazil Portuguese Catalan	1 o r d o - 1 e r d o -	p ə - t i t	p i t tf i n o - p e - k e n u -	p i k k o 1 o -
PortugueseBrazil Portuguese Catalan Walloon	1 o r d o - 1 e r d o -	$\left egin{array}{c c c c c c c c c c c c c c c c c c c $	p i t tf i n o - p e - k e n u -	
PortugueseBrazil Portuguese Catalan Walloon Friulian	1 o r d o - 1 e r d o -	$egin{array}{c c c c c c c c c c c c c c c c c c c $	p i t t f i n o - p e - k e n u - p i - k e n u -	p i k k o 1 o -
PortugueseBrazil Portuguese Catalan Walloon	1		p i t t f i n o - p e - k e n u - p i - k e n u -	p i - tf u 1 - -
PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian	1 o r d o - 1 e r d o - 1 e r d o -	Short-Brevis	p i t t f i n o - p e - k e n u - p i - k e n u - Narrow	p i - tf u 1 - -
PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin	1 0 r d 0 - 1 e r d 0 - 1 e r d 0 -	Short-Brevis b r e w i s	p i t t f i n o - p e - k e n u - p i - k e n u -	p i - tf u 1 - -
PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French	1 0 r d 0 - 1 e r d 0 - 1 e r d 0 -	Short-Brevis b r e w i s b в є f -	p i t t f i n o - p e - k e n u - p i - k e n u - p i - k e n u - Narrow a n g u s t u s	p i - t u 1 - - -
PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish	Short k u r t u s k u r t o -	Short-Brevis b r e w i s b s s f b r e b e -	p i t t f i n o - p e - k e n u - p i - k e n u - p u - ts i n Narrow a n g u s t u s a n g o s t o -	p i - t u 1 - -
PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian	Short k u r t u s k u s k o r t o - k o r t o -	Short-Brevis b r e w i s b s e f - b r e b e - b r e v e -	p i t t f i n o - p e - k e n u - p i - k e n u - p i - k e n u - Narrow a n g u s t u s	p i - t u 1 - - -
PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil	Short k u r t u s k u r t o - k o r t o - k u r t u r t u r t	Short-Brevis b r e w i s b s ε f b r e b e - b r ε v e - b r ε v i -	p i t t f i n o - p e - k e n u - p i - k e n u - p u - ts i n Narrow a n g u s t u s a n g o s t o -	p i - tf u 1 - - -
PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese	Short k u r t u s k u r t o - k o r t o - k u r t u - k u r t u - k u r t u -	Short-Brevis b r e w i s b s ε f b r e b e - b r ε v e - b r ε v i - b r ε v i -	p i t t f i n o - p e - k e n u - p i - k e n u - p u - ts i n Narrow a n g u s t u s a n g o s t o -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	Short	Short-Brevis b r e w i s b ε ε f b r e b e - b r ε v e - b r ε v i - b r ε v i - b r e w	p i t t f i n o - p e - k e n u - p i - k e n u - p u - ts i n Narrow a n g u s t u s a n g o s t o -	P i - t u 1 - - -
PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan Walloon	Short	Short-Brevis b r e w i s b s ε f b r e b e - b r ε v e - b r ε v i - b r ε v i -	p i t t f i n o - p e - k e n u - p i - k e n u - p u - ts i n Narrow a n g u s t u s a n g o s t o -	P i - t u 1 - -
PortugueseBrazil Portuguese Catalan Walloon Friulian Romanian Latin French Spanish Italian PortugueseBrazil Portuguese Catalan	Short	Short-Brevis b r e w i s b ε ε f b r e b e - b r ε v e - b r ε v i - b r ε v i - b r e w	p i t t f i n o - p e - k e n u - p i - k e n u - p u - ts i n Narrow a n g u s t u s a n g o s t o -	P i - t u 1 - - -

	Thin	Thin-Delicatus	Thin-Subtilis	Warm
Latin	m i n u: - t u s	d e: 1 i k a: t u s	s u b t i: 1 e m	k a l i d u s
French	m ə n y	d u: 3 e:		∫ o
Spanish	m e n u - d o -	d e 1 - y a ð o -	s u - t i 1	k a 1 - d o -
Italian	m i n u - t o -	delikato-	s o t t i l e -	k a 1 - d o -
PortugueseBrazil		d e w - g a d u -	$s \mid u \mid - \mid t \mid i \mid w \mid - \mid -$	k a w - d u -
Portuguese	m i - u - ð u -	dεl-γaðu-	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	k a 1 - d u -
Catalan	m ə n u - t	dəlikat-	s u p t i l	k a 1
Walloon	m i n u		s u: - t i	tf õ
Friulian	m i n u: - t		s u - t i: 1	c a 1 - t
Romanian	m ə r u n t		s u b ts i r e -	k a 1 - d
	Cold	Cold-Recens	Full	New
Latin	f r - i: g i d u s	r e k - e n t e m	p l e: n u s	n - o w u s
French	f w a - - - -		$p \mid 1 \mid \tilde{\epsilon} \mid - \mid - \mid - \mid$	n - u v o -
Spanish	f r - i o -	$r \mid e \mid \theta \mid j \mid e \mid n \mid t \mid e \mid -$	- Λ e n o -	n w e β o -
Italian	f r - e d - d o -	$r \mid e \mid t \mid - \mid \epsilon \mid n \mid t \mid e \mid -$	p j E: n o -	n - 3 v o -
PortugueseBrazil		веврия		n - o v u -
Portuguese	f r - i u -	в e s - ё - ʧ i -		n - o v u -
Catalan	f r - ε - t		p 1 ε	n - o w
Walloon	f R w ε - - - -		p 1 e	n - σ v ε -
Friulian	f r - e: t	r e ts - i n t	p 1 ε n	n - u: f
Romanian		r e tf - e	p 1 i n	n - o w
	Old	Good	Bad	Rotten
Latin	w - e t u 1 u s	b - o n u s	m a 1 u s	p u t r i d u s
French	v j ø - - - -	b - o	m a 1	
Spanish	b j e x o	b w e n o -	m a 1 o -	p o ð r i ð o -
Italian	$\mathbf{v} - \mathbf{\epsilon} \mathbf{k} - \mathbf{k} \mathbf{j} \mathbf{o}$	b w o: n o -	m a 1 o -	p u t r i d o -
PortugueseBrazil	v - ej 1 u -	b - õ	m a w	
Portuguese	v - e \lambda u -	b - o	m a w	
Catalan	v - e 1	b - o n	m a 1	p u ð r i t - -
Walloon	v i:	b - õ	m 3:	
Friulian	v j e - - i -	b - o n	m a: 1	
Romanian	$ v - e k^j - - - -$	b - u n - -		p u t r e d - -
	Rotten-Putrem	Dirty	Dirty-Spurcus	Straight
Latin				
	p u t r e m	s o r d i d u s	- s p u r c u s	d i: r - e: k t u s
French			- s p u r c u s	d i: r - e: k t u s
French Spanish		s o r d i d o -		d - B w a - - - -
French	p u t r e m		$\begin{vmatrix} - & s p u r c u s$ $ \begin{vmatrix} - & s p o r k o - \end{vmatrix}$	d - r w a - - - - -
French Spanish	$ p u t r e m$ $ p o \delta r e -$	s o r d i d o - s o r d i d o - s o r d i d u -		d - B w a - - - -
French Spanish Italian	$ p u t r e m$ $ p o \delta r e -$	s o r d i d o - s o r d i d o -	- s p o r k o -	d - r w a - - - - -
French Spanish Italian PortugueseBrazil	p u t r e m	s o r d i d o - s o r d i d o - s o r d i d u -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	d - r - i t t o - d i r - ej - t u -
French Spanish Italian PortugueseBrazil Portuguese	p u t r e m	s o r d i d o - s o r d i d o - s o r d i d u -	$egin{array}{c c c c c c c c c c c c c c c c c c c $	d - k w a d i r - ej - t u - d i r - ej - t u -
French Spanish Italian PortugueseBrazil Portuguese Catalan	p u t r e m	s o r d i d o - s o r d i d o - s o r d i d u -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	d - k w a dd i r - ej - t u - d - r - ε - t

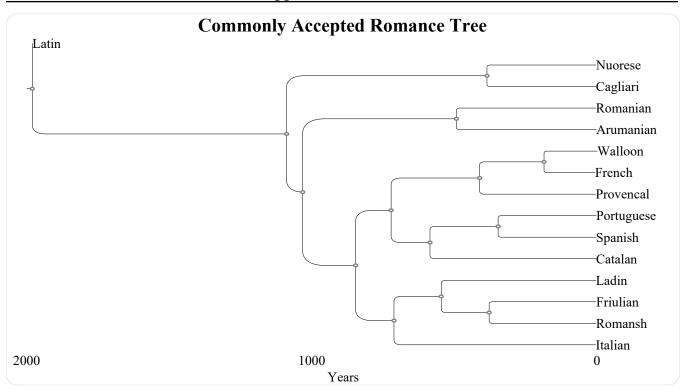
	Round	SharpAsAKnife	DullAsAKnife	DullAsAKnife-Retusus
Latin	r o t u n d u s	a k u: t u s	h e b e t e m	r e t u: s u s
French	R Q			
Spanish	r e d o n d o -	a y u ð o -		
Italian	r i t o n d o -		- ε b e t e -	retuzo-
PortugueseBrazil				
Portuguese	в i d õ - d u -	e y u ð u -		
Catalan	r ə d o	ə g u t		
Walloon	r ő – – – – – –	J-13 - 1-1		
Friulian	t a r o n t			
Romanian	rətund-			
	Smooth	Smooth-Nitidus	Wet	Wet-Udus
Latin	s u a: w e m	n i t i d u s	u: m i d u s	u: d u s
French		n ε t		
Spanish		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		
Italian	soave-	n e t - t o -	u m i d o -	
PortugueseBrazil		n ε dz u		
Portuguese		n ε dz u		
Catalan	s u a w	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		
Walloon	1-1-1-1-1			
Friulian		n ε t - - -	u m i d	
Romanian		$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	u m e d	u d
	Dry	Correct	Near	Near-AdPrope
Latin	s i k k u s	k o r r e: k t u s	p r o k s i m u	sa d p r o p r e
French	s ε - k			1 1 1 1 1 1 1
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	s e - k u -		p r o - s i m u	_
Portuguese	s e - k u -		pro-si-mu	_
Catalan	s ε k		pro-izme	- q c 1 q - -
Walloon	$ s \epsilon - f - -$		1	
Friulian	$ \mathbf{s} \mathbf{\epsilon} - \mathbf{k} - \mathbf{r} $		p r o - s i - m -	_
Romanian	s e k		1	a - p r oa p - e
_	Near-Pressus	Near-Vicinus	Near-Circa	Far
Latin	p r e s s u s	w - i: k i: n u s	k i r k a	
French	b R 6 - - - -	$ \mathbf{v} \mathbf{w} \mathbf{a} \mathbf{z} \tilde{\epsilon} - \mathbf{c} $	$\theta \mid e \mid r \mid k \mid a$	$ 1 \mathbf{w} \tilde{\epsilon} - \mathbf{t} \tilde{\epsilon} - -$
Spanish		b - e θ i n o -		
Italian	$p r \epsilon s s o $	v - i t n o -		1 - o n t a n o
PortugueseBrazil		v - i z i n u -		
Portuguese		v - i z i n u -		
Catalan		b - ə - i - - -		$ \Lambda - u n t a - a $
Walloon	$ \mathbf{p} \mathbf{r} \mathbf{\epsilon} $ - $ - - -$	v - i z ē		
Friulian		v - i tf i n		1 - o n t a n -
Romanian		v - e t i n		

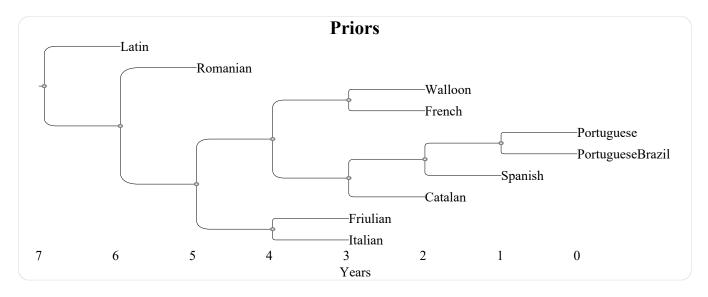
	Right-Dextrem	Left	Red	Red-Vermiculus
Latin	d - e k s t r u m	s i n - i s t r u m	r u s s u s	v e r m i k u l u s
French		s ə n - ε s t в	в u	v ε κ m εj
Spanish	d j e - s t r o -	s i n j e s t r o -	r o - x o -	b e r m e x o
Italian	d - ε - s t r o -	s i n - e s t r o -	r o s s o -	v e r m i λ - λ o -
PortugueseBrazil		$ s - - \epsilon \int t r u $	R O - \O -	v e в m e Л u -
Portuguese	$ \mathbf{d} - \mathbf{\epsilon} - \mathbf{f} \mathbf{t} \mathbf{r} \mathbf{u} - \mathbf{r} $	$\begin{vmatrix} s & - & - & - & \epsilon \end{vmatrix} \int t \cdot \mathbf{r} \cdot \mathbf{u} - \mathbf{r} \cdot \mathbf{u}$	в o - J u -	v i r m ej k u -
Catalan	d - e - s t r ə -	1-1 1 1-13 1-1 1-1	$r \mid o \mid - \mid s \mid - \mid - \mid$	b ə r m ε λ
Walloon				
Friulian	d j e - s t r i -	s i n - e s t r i -	r o - s - -	
Romanian			$f \circ - \int u -$	
	Red-Rubeus	Green	Yellow	Yellow-Amarellus
Latin	r u - b e u s	w i r i d e m	g a l b i n u s	a m a r e l l u s
French	в и – з – – –	v e r	3 o n	
Spanish	r u - b j o -	b e r - d e -	3 - 1	a m a r i - j o -
Italian	r o b b j o -	v e r - d e -		
PortugueseBrazil	r u - b e o -	ver di		e m a r ε - l u -
Portuguese	r u - b e o -	ver di		e m e r ε - l u -
Catalan	r u - dz e	$\begin{vmatrix} \mathbf{v} & \mathbf{\epsilon} & \mathbf{r} \end{vmatrix} - \begin{vmatrix} \mathbf{t} & - \end{vmatrix} - \end{vmatrix}$		
Walloon	$\begin{vmatrix} \mathbf{r} & \mathbf{r} & \mathbf{r} \end{vmatrix} = \begin{vmatrix} \mathbf{r} & \mathbf{r} & \mathbf{r} \end{vmatrix} = \begin{vmatrix} \mathbf{r} & \mathbf{r} & \mathbf{r} \end{vmatrix}$	Λ ε R	$\left d_{\!\mathcal{S}} \right \epsilon \left \rule{0mm}{2mm} - \rule{0mm}{2mm} - \rule{0mm}{2mm} \right - \left \rule{0mm}{2mm} - \rule{0mm}{2mm} \rule{0mm}{2mm} \rule{0mm}{2mm} $	
Friulian	1-1-1-1	$\begin{vmatrix} v & \varepsilon & r \\ - & t & - \end{vmatrix}$	1-5 -	
Romanian	r oj - b - - -	ver de	g a 1 b e n	
	Yellow-Croceus	White	One	Two-Duos
Latin	k r o k e u s	a l b u s	u: n u s	d u o: s
French			$ \tilde{\alpha} $ - $ $ - $ $ -	d - ø -
Spanish		a 1 b o -	u n o -	d - o s
Italian	k r o tf e o -	a 1 b o -	u n o -	
PortugueseBrazil	, , , , , , ,	a w v u -	$ \tilde{\mathbf{u}} - - - $	d - oj s
Portuguese		a 1 v u -	$ \tilde{\mathbf{u}} - - - $	d - oj ∫
Catalan	g r a k - - -	a 1 b	u n	d - o s
Walloon	3		\tilde{o}	d - ø: -
Friulian			u n	d oj -
Romanian		a 1 b	u n u -	d - oj -
	Two-Duae	Two-Duas	Three	Four
Latin	d u - aj	d u a s	t r - e: s	kw - a t t w o r -
French			$t \mathbf{r} \mathbf{w} \mathbf{a} $ -	k - a - t r -
Spanish			t r - e s	k w a - t r o
Italian	$ \mathbf{d} \mathbf{u} - \mathbf{e} $		t r - e -	k w a t t r o
PortugueseBrazil		d u e s	t r - e s	k w a - t r u
Portuguese		d u e ſ	$t \mid r \mid - \mid e \mid \int$	k w a - t r u
Catalan			$t r - \varepsilon s$	k w a - t r ə
Walloon			t r - ø: -	k w a - t
Friulian			t r - e: -	k w a - t - r i
Romanian	d o w ə		t r - ej -	p - a - t - - r u

	Five	Here	There	There-Ibi
Latin	k ^w i: n k ^w - e	e k k u m h i: k	i 1 1 a: k	i b i:
French	s e - k - -		- - 1 a -	
Spanish	θ i n k – o	a - k - - i -	1 a - a - j a -	
Italian	tf i ŋ k w e	- - k w - - i -		- v i
PortugueseBrazil		a - k - - i -	- - 1 a -	
Portuguese	s î - k - u	e - k - - i -	-	
Catalan	s i ŋ k	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	ə - K a -	
Walloon	s e - k		- - 1 a -	
Friulian	tf i n k	a - k i -		
Romanian	tf i n tf - -		- - 1 a -	
	There-Adlbi	Who-Qui	Who-Quem	What
Latin		k ^w - i s	k ^w - e m -	k ^w - i d
Гистор		1		1
French			1	k w a -
Spanish	a i	1. :	k j e n -	k - e -
Italian	- :		1_ ~~	
PortugueseBrazil			$egin{array}{c c c} k & - & \widetilde{e}\widetilde{j} & - & - \ k & - & \widetilde{e}\widetilde{j} & - & - \ \end{array}$	k - i - k - i -
Portuguese	i g	1- :	K - ej - -	
Catalan		k - i -		
Walloon		k - i: -		k w e: -
Friulian Romanian		$ \mathbf{k} \mathbf{w} \mathbf{i} $ -	tʃ - i n e	$ \mathbf{f} - \mathbf{e} $
Rullallall	When-Quando	How-Quomodo	Not	f - e - Not-Nec
Latin	kw - a n d o:	kw o: m o d o	n o: n	n e k
Latin	R a II u o.	K 0. III 0 U 0	11 0. 11	II C K
French	k - a - - -	k o m ã	$ \mathbf{n} \mathbf{\tilde{5}} $ -	n i -
Spanish	k w a n d o	k o m o	n o -	n i -
Italian	k w a n d o	k o m e	n o n	n e -
PortugueseBrazil		k o m u	n $\tilde{\mathfrak{e}}$ -	n ej -
J			$ ilde{\mathbf{w}}$	
Portuguese	$ \mathbf{k} \mathbf{w} \tilde{\mathbf{e}} - \mathbf{d} \mathbf{u} $	k o m u	n $\tilde{\mathfrak{e}}$ -	n ej -
			$\widetilde{\mathbf{w}}$	
Catalan	k w a n	k o m - - -	n o -	n i -
Walloon	k w a n d -	$k \mid \mathfrak{d} \mid m \mid \tilde{\epsilon} \mid - \mid -$	$ \mathbf{n} \mathbf{\tilde{5}} $ -	$ n \tilde{e} $ -
Friulian	k w a n t -	tf e m u: t -	n o -	
Romanian	k - i n d -	k u m	n u -	
	At	In-In	In-Deintus	With-Cum
Latin	a d	i n	d e i n t u s	k u m
French	a -		$ \mathbf{d} \tilde{\mathbf{a}} - - - - - $	
Spanish	a -	e n		k o n
Italian	a -	in		k o n
PortugueseBrazil		ej -		k ő –
Portuguese	e -	êj -		k õ -
Catalan	a -	ə n	d i - n - - s	
Walloon	a -			
Friulian	a -			1
Romanian	a -	i n		k u -

	With-Abhoc	And-Et	And-Si	Because-Quod
Latin	a b h o c	e t	s i: k	k ^w o d
French	a v - e k	e -	s i -	k ə -
Spanish		i -	s i -	k e -
Italian		e -	s i -	k e -
PortugueseBrazil		i -	s 1 -	
Portuguese		i -	s î –	k i -
Catalan		i -	s i -	k ə -
Walloon	a v - u -	ε -	s i -	k i: -
Friulian		e -	s i -	k e -
Romanian		e -	$\int \mathbf{i} -$	k ə -

Appendix 4 - Results





Appendix 4 - Results

