## A case for systematic sound symbolism in pragmatics: Universals in wh-words List of languages used

This is a list of languages used in the main analyses. It shows:

- the name of the language
- the Glottolog and ISO identifier
- the language family and area
- the source of the word list
- the position of interrogative phrases in the language
- the source for the interrogative position data (WALS refers to Dryer (2013))
- the reference for the interrogative position data if not in WALS

## Coding interrogative position

34 languages were coded by two coders (one of the authors, AS and and a naive coder, JP) according to the typology in Dryer (2013). They agreed on 28 out of 34 languages (82%). A third coder (one of the authors, SR) blindly coded 6 random languages and agreed on all with both of the other coders (and cited the same grammars and page numbers as evidence). The third coder then coded languages that the first two coders disagreed on (without knowing the coding decisions), and made an executive decision. 5 of the 6 decisions sided with AS.

Name	Glottolog id	Iso id	Language family	Area	Source	Interrogative Position	IP Source	IP reference
Aramaic (Ancient)	olda1245	oar	Afro-Asiatic	Greater Mesopotamia	IDS			
Polci	polc1243	plj	Afro-Asiatic	African Savannah	IDS			
Hausa	haus1257	hau	Afro-Asiatic	African Savannah	IDS	Mixed	WALS	
Gawwada	gaww1239	$\operatorname{gwd}$	Afro-Asiatic	Greater Abyssinia	WOLD			
Iraqw	iraq1241	irk	Afro-Asiatic	S Africa	WOLD	Non-Initial	WALS	
Tarifiyt Berber	tari1263	rif	Afro-Asiatic	N Africa	WOLD	Initial	WALS	
Mapudungun	mapu1245	arn	Araucanian	Andean	IDS	Non-Initial	WALS	
Mashco Piro	mash1270	cuj	Arawakan	NE South America	IDS			
Wapishana	wapi1253	wap	Arawakan	NE South America	IDS			
Waur	waur1244	wau	Arawakan	NE South America	IDS			
Trinitario	trin1274	$\operatorname{trn}$	Arawakan	NE South America	IDS	Initial	S&R	(Rose, 2014, 91)
Yavitero	yavi1244	yvt	Arawakan	NE South America	IDS	Initial	S&R	(Mosonyi et al., 2000, 638)(Mosonyi, 1987, 79)
Wayuu	wayu1243	guc	Arawakan	NE South America	IDS	Initial	WALS	
Ignaciano	igna1246	ign	Arawakan	NE South America	IDS	Initial	WALS	
Swahili	swah1253	$\operatorname{swh}$	Atlantic-Congo	S Africa	WOLD	Non-Initial	WALS	
Khasi	khas1269	kha	Austroasiatic	Indic	Spraakbanken	Non-Initial	WALS	
Ceq Wong	chew1245	cwg	Austroasiatic	Oceania	WOLD			
Vietnamese	viet 1252	vie	Austroasiatic	Southeast Asia	WOLD	Non-Initial	WALS	
Tuamotuan	tuam1242	pmt	Austronesian	Oceania	IDS			
Rapa Nui	rapa1244	rap	Austronesian	Oceania	IDS	Initial	S&R	(Feu, 1996, 19)(Weber, 2007, 73)
Rotuman	rotu1241	$_{ m rtm}$	Austronesian	Oceania	IDS	Non-Initial	S&R	(Vamarasi, 2002, 19)
Hawaiian	hawa1245	haw	Austronesian	Oceania	IDS	Non-Initial	WALS	
Maori	maor1246	$_{ m mri}$	Austronesian	Oceania	IDS	Non-Initial	WALS	
Takia	taki1248	$_{ m tbc}$	Austronesian	N Coast New Guinea	WOLD			
Indonesian	indo1316	ind	Austronesian	Southeast Asia	WOLD	Mixed	WALS	
Malagasy	plat1254	$_{\mathrm{plt}}$	Austronesian	Southeast Asia	WOLD	Initial	WALS	
Aymara, Central	sout2996	ayc	Aymara	Andean	IDS	Non-Initial	WALS	
Colorado	colo1256	cof	Barbacoan	Andean	IDS			
Chachi	chac1249	cbi	Barbacoan	Andean	IDS	Initial	WALS	
Basque	basq1248	eus	Basque	Europe	IDS	Non-Initial	WALS	
Waiwai	waiw1244	waw	Cariban	NE South America	IDS			
Eepa	enap1235	pbh	Cariban	NE South America	IDS	Initial	S&R	(Payne and Payne, 2013, 380)
Maquiritari	maqu1238	mch	Cariban	NE South America	IDS	Initial	WALS	, ,
Macushi	macu1259	mbc	Cariban	NE South America	IDS	Initial	WALS	
Kali'na	gali1262	car	Cariban	NE South America	WOLD			
Cayubaba	cayu1262	cyb	Cayubaba	NE South America	IDS			
Bar	bari1297	mot	Chibchan	NE South America	IDS			
Muisca	chib1270	$_{\mathrm{chb}}$	Chibchan	NE South America	IDS	Initial	S&R	(Ostler, 1994, 22)
Ember, Northern	nort2972	$_{\rm emp}$	Chocoan	Andean	IDS	Initial	S&R	(Mortensen, 1999, 13)
Epena	epen1239	sja	Chocoan	Andean	IDS	Initial	WALS	
Ona	onaa1245	ona	Chonan	SE South America	IDS			
Tehuelche	tehu1242	$_{ m teh}$	Chonan	SE South America	IDS	Initial	S&R	(Fernndez Garay, 1998, 425)
Cofn	cofa1242	con	Cofn	Andean	IDS			,
Telugu	telu1262	tel	Dravidian	Indic	Spraakbanken	Non-Initial	WALS	
Tamil	tami1289	$_{ m tam}$	Dravidian	Indic	Spraakbanken	Non-Initial	WALS	
Mocov	moco1246	moc	Guaicuruan	SE South America	IDS	Initial	WALS	
Pilag	pila1245	$_{ m plg}$	Guaicuruan	SE South America	IDS	Initial	WALS	
Toba	toba1269	tob	Guaicuruan	SE South America	IDS	Initial	WALS	
Haida, Northern	nort2938	hdn	Haida	Alaska-Oregon	IDS	Mixed	WALS	
White Hmong	hmon1333	mww	Hmong-Mien	Southeast Asia	WOLD			
Limonese Creole	limo1249	qlm	Indo-European	Mesoamerica	IDS			
Romani, Vlax	roma1329	_	Indo-European	Inner Asia	IDS			
Tokharian A	tokh1242	xto	Indo-European	Europe	IDS			

Allerander   All	m.ll : D	. 11.1049	. 1		Б	IDG			
Septic Cross  cross  244	Tokharian B	tokh1243	txb	Indo-European	Europe	IDS	T., 141 - 1	C.fD	(N
Serbock-Oractiant	*			•	•				
Machama   Mach	9	-		-					
Armenian					_				
December   December	· · · · · · · · · · · · · · · · · · ·								(Zucker, 1994, 38)
Bulgarian   bulg   202				•					
Part				•	•				
Russian   1981   1885	~	-		*	•				
Spanish   Marathi   mara   1286   spa   mode-European   Indic   Spraakbanken   Kotgarhi   marati   m			-	•	•				
Bongali									
Bengali							Initial	WALS	
Marathi	_			-		•	NI I '' I	C ( D	(II 1 100F CD )
Panjabis   panja   256   pan   Indio-European   Indio   Sprasklanken   Non-Initial   WALS	-	-		•					(Hudson, 1965, 63)
December Sorbian   Oewel 385   december   Oewel 376   come   Indo-European   Europe   WOLD   Initial   S&R   S&R   (Avel., 2007, 54)				-					
Selice Romani	•	- "	-				Non-Initial	WALS	
Dutch   Old High German   oldh1241   og   Indo-European   Europe   WOLD   Initial   S&R   (Axel, 2007, 54)				-	_				
Old High German   Old High G							T *** 1	GA D	D 11 : (2012)
Sarmanacan   Saral 310									
Seychelles Creole   Sees   1266   crs   Indo-European   S. Africa   WOLD   Initial   WALS	<u>e</u>		_	_					
English   Stant 1283   eng   Indo-European   Europe   WOLD   Initial   WALS				*					
Romanian   Ironal 327   Iron   Indo-European   Europe   WOLD   Initial   WALS     Honama   Iron   Ironama   Iron   Ironama   NE South America   IDS   Initial   WALS     Aguaruna   agual 253   agr   Jiavoroan   Andean   IDS     Karok   Ironama	v			•					(Corne, 1977, 187)
Indiama   Indi	_		_	•					
Aguaruma   Aguaruma				•					(C 1 2012 251 255)
Aguaruna   Aguaruna									(Crevels, 2012, 251,255)
Karok   Karol 304   Kyh   Karok   California   IDS				_			Non-Initial	WALS	
Canagan   Lengua	e e	-							
Lengua									
Sanapan		-		*					
Chorte, Iyojwaja   Iyow1239	_	-		O v					
Maca	- ,		$\operatorname{spn}$	0					
Nivacl   Nivacl   Nivacl   Wich Lhamts Gisnay   Wich1264   mzh   Matacoan   SE South America   IDS		•	-						
Wich Lhamts Gisnay         wich 1264         m/h         Matacoan         SE South America         IDS         Initial         WALS           Q'eqchi'         kekcl 1242         kek         Mayan         Mesoamerica         WOLD         Initial         S&R         (Stewart, 1980, 84,96)           Zinacantn Tzotzil         tzot1259         tzz         Mayan         Mesoamerica         WOLD         Initial         WALS           Tsiman         mose1249         cas         Mosetn-Chiman         NE South America         IDS         Initial         WALS           Movima         movil 243         mzp         Movima         NE South America         IDS         Initial         WALS           Hup         hupd1244         yp         Nadahup         NE South America         IDS         Initial         WALS           Bezhta         bezh1248         kap         Nakh-Daghestanian         Greater Mesopotamia         WOLD         Non-Initial         WALS           Nepali         nep 1252         nep         Nepali         Indic         Spraakbanken         Non-Initial         WALS           Kaingg         kain1272         kgp         Nuclear-Macro-Je         SE South America         IDS         Initial         S&R         (da									
Q'eqchi'         kekc 1242         kek         Mayan         Mesoamerica         WOLD         Initial         S&R         (Stewart, 1980, 84,96)           Zinacantn Tzotzil         tzot1259         tzz         Mayan         Mesoamerica         WOLD         Initial         S&R         (Cowan, 2014, 6.)           Tsiman         mose1249         cas         Mosetn-Chiman         NE South America         IDS         Initial         WALS           Movima         movi1243         mzp         Movima         NE South America         IDS         Initial         WALS           Hup         hupd1244         jup         Nakh-Daghestanian         Greater Mesopotamia         WOLD         Initial         WALS           Archi         arch1244         aqc         Nakh-Daghestanian         Greater Mesopotamia         WOLD         Non-Initial         WALS           Kaingng         kain1272         kgp         Nuclear-Macro-Je         SE South America         IDS         Mixed         S&R         (da Silva, 2011, 163-171)(Wiesemann, 1972, 156)           Chatino, Zacatepec         zaca1242         ctz         Otomanguean         Mesoamerica         IDS         Initial         WALS           Pez         pacz1247         pbb         Pez         NE Sout									
Zinacantn Tzotzil   tzot1259   tzz   Mayan   Mesoamerica   WOLD   Initial   S&R   (Cowan, 2014, 6)									(9
Tsiman         mose1249         cas         Mosen-Chiman         NE South America         IDS         Initial         WALS           Movima         movi1243         mzp         Movima         NE South America         IDS         Initial         WALS           Hup         hupd1244         jup         Nadahup         NE South America         WOLD         Initial         WALS           Bezhta         bezh1248         kap         Nakh-Daghestanian         Greater Mesopotamia         WOLD         Non-Initial         WALS           Nepali         nepa1252         nep         Nepali         Indic         Spraakbanken         Non-Initial         WALS           Kaingng         kain1272         kgp         Nuclear-Macro-Je         SE South America         IDS         Mixed         S&R         (da Silva, 2011, 163-171)(Wiesemann, 1972, 156)           Chatino, Zacatepec         zaca1242         ctz         Otomanguean         Mesoamerica         IDS         Initial         WALS           Pez         paez1235         ote         Otomanguean         Mesoamerica         IDS         Initial         WALS           Gurindji         guri1247         gue         Pama-Nyungan         N Australia         WOLD         Initial         S&R				v					
Movima         movi1243         mzp hupd1244         Movima hupd1244         NE South America Greater         IDS         Initial         WALS           Hup         hupd1244         jup         Nadahup         NE South America         WOLD         Initial         WALS           Bezhta         bezh1248         kap         Nakh-Daghestanian         Greater Mesopotamia         WOLD         Non-Initial         WALS           Archi         nepa1252         nep         Nepali         Indic         Spraakbanken         Non-Initial         WALS           Kaingng         kain1272         kgp         Nuclear-Macro-Je         SE South America         IDS         Mixed         S&R         (da Silva, 2011, 163-171)(Wiesemann, 1972, 156)           Chatino, Zacatepec         zaca1242         ctz         Otomanguean         Mesoamerica         IDS         Initial         WALS           Pez         paez1247         pb         Pez         NE South America         IDS         Initial         WALS           Katukna, Panoan         pano1254         knt         Panoan         NE South America         IDS         Initial         S&R         (de Aguiar, 1988, 38)(de Aguiar, 1994, 231)           Yamiahua         yami1256         yaa         Panoan         NE Sou			tzz	v					(Cowan, 2014, 6)
Hup hupd1244 jup Nadahup NE South America WOLD Initial WALS Bezhta bezh1248 kap Nakh-Daghestanian Greater Mesopotamia WOLD WOLD Archi arch1244 aqc Nakh-Daghestanian Indic Spraakbanken Non-Initial WALS Nepali nepa1252 nep Nepali Indic Spraakbanken Non-Initial WALS Kaingng kain1272 kgp Nuclear-Macro-Je SE South America IDS Mixed S&R (da Silva, 2011, 163-171)(Wiesemann, 1972, 156) Chatino, Zacatepec zaca1242 ctz Otomanguean Mesoamerica IDS Initial S&R (Villard, 2009, 92) Otomi mezq1235 ote Otomanguean Mesoamerica IDS Pez paez1247 pbb Pez NE South America IDS Gurindji guri1247 gue Pama-Nyungan N Australia WOLD Katukna, Panoan pano1254 knt Panoan NE South America IDS Initial S&R (de Aguiar, 1988, 38)(de Aguiar, 1994, 231) Yaminahua yami1256 yaa Panoan NE South America IDS Initial WALS Shipibo-Conibo ship1254 shp Panoan NE South America IDS Initial WALS Shipibo-Conibo ship1254 shp Panoan NE South America IDS Initial WALS Shipibo-Conibo puin1248 pui Peba-Yagua NE South America IDS Initial WALS Pulnave Pulche puin1248 pui Pulnave NE South America IDS Initial S&R (Higuita, 2008, 209)									
Bezhta bezh1248 kap Nakh-Daghestanian Greater Mesopotamia Archi arch1244 aqc Nakh-Daghestanian Greater Mesopotamia Greater Mesopotamia Nepali nepa1252 nep Nepali Indic Spraakbanken Non-Initial WALS Non-Initial S&R (da Silva, 2011, 163-171) (Wiesemann, 1972, 156) Chatino, Zacatepec zaca1242 ctz Otomanguean Mesoamerica IDS Initial S&R (Villard, 2009, 92) Otomi mezq1235 ote Otomanguean Mesoamerica WOLD Initial WALS Pez paez1247 pbb Pez NE South America IDS Gurindji guri1247 gue Pama-Nyungan NA sustralia WOLD Katukna, Panoan pano1254 knt Panoan NE South America IDS Initial S&R (de Aguiar, 1988, 38) (de Aguiar, 1994, 231) Yaminahua yami1256 yaa Panoan NE South America IDS Initial S&R (Faust and Loos, 2002, 32) Chcobo chac1251 cao Panoan NE South America IDS Initial WALS Shipibo-Conibo ship1254 shp Panoan NE South America IDS Initial WALS Shipibo-Conibo ship1254 shp Panoan NE South America IDS Initial WALS Yagua yagu1244 yad Peba-Yagua NE South America IDS Initial WALS Puelche puel1244 pue Puelche SE South America IDS Puinave NE South America IDS Initial S&R (Higuita, 2008, 209)									
Archi archi archi 244 aqc Nakh-Daghestanian Greater Mesopotamia Nepali Indic Spraakbanken Non-Initial WALS Nepali nepa1252 nep Nepali Indic Spraakbanken Non-Initial WALS Kaingng kain1272 kgp Nuclear-Macro-Je SE South America IDS Mixed S&R (da Silva, 2011, 163-171) (Wiesemann, 1972, 156) Chatino, Zacatepec zaca1242 ctz Otomanguean Mesoamerica IDS Initial S&R (Villard, 2009, 92) Otomi mezq1235 ote Otomanguean Mesoamerica WOLD Initial WALS Pez paez1247 pbb Pez NE South America IDS Gurindji guri1247 gue Pama-Nyungan N Australia WOLD Katukna, Panoan pano1254 knt Panoan NE South America IDS Initial S&R (de Aguiar, 1988, 38) (de Aguiar, 1994, 231) Yaminahua yami1256 yaa Panoan NE South America IDS Initial S&R (Faust and Loos, 2002, 32) Chcobo chac1251 cao Panoan NE South America IDS Initial WALS Shipibo-Conibo ship1254 shp Panoan NE South America IDS Initial WALS Shipibo-Conibo puel1244 yad Peba-Yagua NE South America IDS Initial WALS Puelche puel1244 pue Puelche SE South America IDS Puinave Puin1248 pui Puinave NE South America IDS Initial S&R (Higuita, 2008, 209)	-	-		_			Initial	WALS	
Nepali nepa1252 nep Nepali Indic Sprakbanken Non-Initial WALS Kaingng kain1272 kgp Nuclear-Macro-Je SE South America IDS Mixed S&R (da Silva, 2011, 163-171) (Wiesemann, 1972, 156) Chatino, Zacatepec zaca1242 ctz Otomanguean Mesoamerica IDS Initial S&R (Villard, 2009, 92) Otomi mezq1235 ote Otomanguean Mesoamerica WOLD Initial WALS Pez paez1247 pbb Pez NE South America IDS Gurindji guri1247 gue Pama-Nyungan N Australia WOLD Katukna, Panoan pano1254 knt Panoan NE South America IDS Initial S&R (de Aguiar, 1988, 38) (de Aguiar, 1994, 231) Yaminahua yami1256 yaa Panoan NE South America IDS Initial S&R (Faust and Loos, 2002, 32) Chcobo chac1251 cao Panoan NE South America IDS Initial WALS Shipbo-Conibo ship1254 shp Panoan NE South America IDS Initial WALS Shipbo-Conibo yagu1244 yad Peba-Yagua NE South America IDS Initial WALS Puelche puel1244 pue Puelche SE South America IDS Puinave puin1248 pui Puinave NE South America IDS Initial S&R (Higuita, 2008, 209)			kap	9	-				
Kaingng kain1272 kgp Nuclear-Macro-Je SE South America IDS Mixed S&R (da Silva, 2011, 163-171) (Wiesemann, 1972, 156) Chatino, Zacatepec zaca1242 ctz Otomanguean Mesoamerica IDS Initial S&R (Villard, 2009, 92) Otomi mezq1235 ote Otomanguean Mesoamerica WOLD Initial WALS Pez paez1247 pbb Pez NE South America IDS Gurindji guri1247 gue Pama-Nyungan N Australia WOLD Katukna, Panoan pano1254 knt Panoan NE South America IDS Initial S&R (de Aguiar, 1988, 38) (de Aguiar, 1994, 231) Yaminahua yami1256 yaa Panoan NE South America IDS Initial S&R (Faust and Loos, 2002, 32) Chcobo chac1251 cao Panoan NE South America IDS Initial WALS Shipibo-Conibo ship1254 shp Panoan NE South America IDS Initial WALS Shipibo-Conibo yagu1244 yad Peba-Yagua NE South America IDS Initial WALS Yagua yagu1244 yad Peba-Yagua NE South America IDS Initial WALS Puelche puel1244 pue Puelche SE South America IDS Puinave NE South America IDS Initial S&R (Higuita, 2008, 209)				O	-				
Chatino, Zacatepec zaca1242 ctz Otomanguean Mesoamerica IDS Initial S&R (Villard, 2009, 92)  Otomi mezq1235 ote Otomanguean Mesoamerica WOLD Initial WALS Pez paez1247 pbb Pez NE South America IDS Gurindji guri1247 gue Pama-Nyungan N Australia WOLD  Katukna, Panoan pano1254 knt Panoan NE South America IDS Initial S&R (de Aguiar, 1988, 38)(de Aguiar, 1994, 231)  Yaminahua yami1256 yaa Panoan NE South America IDS Initial S&R (Faust and Loos, 2002, 32)  Chcobo chac1251 cao Panoan NE South America IDS Initial WALS Shipibo-Conibo ship1254 shp Panoan NE South America IDS Initial WALS Yagua yagu1244 yad Peba-Yagua NE South America IDS Initial WALS Puelche puel1244 pue Puelche SE South America IDS Puinave Puin1248 pui Puinave NE South America IDS Initial S&R (Higuita, 2008, 209)			_						( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )
Otomi mezq1235 ote Otomanguean Mesoamerica WOLD Initial WALS Pez paez1247 pbb Pez NE South America IDS Gurindji guri1247 gue Pama-Nyungan N Australia WOLD Katukna, Panoan pano1254 knt Panoan NE South America IDS Initial S&R (de Aguiar, 1988, 38)(de Aguiar, 1994, 231) Yaminahua yami1256 yaa Panoan NE South America IDS Initial S&R (Faust and Loos, 2002, 32) Chcobo chac1251 cao Panoan NE South America IDS Initial WALS Shipibo-Conibo ship1254 shp Panoan NE South America IDS Non-Initial WALS Yagua yagu1244 yad Peba-Yagua NE South America IDS Initial WALS Puelche puel1244 pue Puelche SE South America IDS Puinave puin1248 pui Puinave NE South America IDS Initial S&R (Higuita, 2008, 209)									
Pez paez1247 pbb Pez NE South America IDS Gurindji guri1247 gue Pama-Nyungan N Australia WOLD Katukna, Panoan pano1254 knt Panoan NE South America IDS Initial S&R (de Aguiar, 1988, 38) (de Aguiar, 1994, 231) Yaminahua yami1256 yaa Panoan NE South America IDS Initial S&R (Faust and Loos, 2002, 32) Chcobo chac1251 cao Panoan NE South America IDS Initial WALS Shipibo-Conibo ship1254 shp Panoan NE South America IDS Non-Initial WALS Yagua yagu1244 yad Peba-Yagua NE South America IDS Initial WALS Puelche puel1244 pue Puelche SE South America IDS Puinave puin1248 pui Puinave NE South America IDS Initial S&R (Higuita, 2008, 209)	· -			O					(Villard, 2009, 92)
Gurindji guri1247 gue Pama-Nyungan N Australia WOLD  Katukna, Panoan pano1254 knt Panoan NE South America IDS Initial S&R (de Aguiar, 1988, 38) (de Aguiar, 1994, 231)  Yaminahua yami1256 yaa Panoan NE South America IDS Initial S&R (Faust and Loos, 2002, 32)  Chcobo chac1251 cao Panoan NE South America IDS Initial WALS  Shipibo-Conibo ship1254 shp Panoan NE South America IDS Non-Initial WALS  Yagua yagu1244 yad Peba-Yagua NE South America IDS Initial WALS  Puelche puel1244 pue Puelche SE South America IDS  Puinave puin1248 pui Puinave NE South America IDS Initial S&R (Higuita, 2008, 209)		-		9			Initial	WALS	
Katukna, Panoan pano1254 knt Panoan NE South America IDS Initial S&R (de Aguiar, 1988, 38) (de Aguiar, 1994, 231) Yaminahua yami1256 yaa Panoan NE South America IDS Initial S&R (Faust and Loos, 2002, 32) Chcobo chac1251 cao Panoan NE South America IDS Initial WALS Shipibo-Conibo ship1254 shp Panoan NE South America IDS Non-Initial WALS Yagua yagu1244 yad Peba-Yagua NE South America IDS Initial WALS Puelche puel1244 pue Puelche SE South America IDS Puinave puin1248 pui Puinave NE South America IDS Initial S&R (Higuita, 2008, 209)			-						
Yaminahua yami1256 yaa Panoan NE South America IDS Initial S&R (Faust and Loos, 2002, 32) Chcobo chac1251 cao Panoan NE South America IDS Initial WALS Shipibo-Conibo ship1254 shp Panoan NE South America IDS Non-Initial WALS Yagua yagu1244 yad Peba-Yagua NE South America IDS Initial WALS Puelche puel1244 pue Puelche SE South America IDS Puinave puin1248 pui Puinave NE South America IDS Initial S&R (Higuita, 2008, 209)			_					G 0 T	(
Chcobo chac1251 cao Panoan NE South America IDS Initial WALS Shipibo-Conibo ship1254 shp Panoan NE South America IDS Non-Initial WALS Yagua yagu1244 yad Peba-Yagua NE South America IDS Initial WALS Puelche puel1244 pue Puelche SE South America IDS Puinave puin1248 pui Puinave NE South America IDS Initial S&R (Higuita, 2008, 209)									
Shipibo-Conibo ship1254 shp Panoan NE South America IDS Non-Initial WALS Yagua yagu1244 yad Peba-Yagua NE South America IDS Initial WALS Puelche puel1244 pue Puelche SE South America IDS Puinave puin1248 pui Puinave NE South America IDS Initial S&R (Higuita, 2008, 209)									(Faust and Loos, 2002, 32)
Yagua yagu1244 yad Peba-Yagua NE South America IDS Initial WALS Puelche puel1244 pue Puelche SE South America IDS Puinave puin1248 pui Puinave NE South America IDS Initial S&R (Higuita, 2008, 209)			_						
Puelche puel 1244 pue Puelche SE South America IDS Puinave puin 1248 pui Puinave NE South America IDS Initial S&R (Higuita, 2008, 209)	1	-	-						
Puinave puin1248 pui Puinave NE South America IDS Initial S&R (Higuita, 2008, 209)				9			Initial	WALS	
									( <del></del>
Pum pume1238 yae Pum NE South America IDS			-				Initial	S&R	(Higuita, 2008, 209)
	Pum	pume1238	yae	Pum	NE South America	IDS			

Imbabura Quechua	imba1240	qvi	Quechuan	Andean	WOLD	Initial	WALS	
Kanuri	cent2050	knc	Saharan	African Savannah	WOLD	Initial	WALS	
Seri	seri1257	sei	Seri	Mesoamerica	IDS	Non-Initial	WALS	
Nung-Fengshan	nung1282	nun	Sino-Tibetan	Southeast Asia	IDS	Ivon-Initiai	WALD	
Tibetan	tibe1272	bod	Sino-Tibetan Sino-Tibetan	Inner Asia	Spraakbanken			
Manange	mana1288	nmm	Sino-Tibetan Sino-Tibetan	Indic	WOLD			
Mandarin Chinese	mand1415		Sino-Tibetan Sino-Tibetan	Southeast Asia	WOLD	Non-Initial	WALS	
Araona	arao1248	cmn	Tacanan	NE South America	IDS	Non-Initial	WALS	
Cavinea	cavi1250	aro		NE South America	IDS	Toitial	S&R	(C.::lla
	esee1248	cav	Tacanan	NE South America	IDS	Initial Initial	WALS	(Guillaume, 2008b, 102)(Guillaume, 2008a, 599)
Ese Ejja	taca1256	ese	Tacanan Tacanan	NE South America	IDS	Initial	WALS	
Tacana		tna		Southeast Asia	IDS	Imuai	WALS	
Ecun Buyang	lang1316	yln	Tai-Kadai					
Lakkia	lakk1238	lbc	Tai-Kadai	Southeast Asia	IDS			
Li of Baoding	nucl1241	1	Tai-Kadai	Southeast Asia	IDS			
Mulam	mula1253	mlm	Tai-Kadai	Southeast Asia	IDS			
Qau Kelao	gela1265	gqu	Tai-Kadai	Southeast Asia	IDS			
Shan	shan1277	$_{ m shn}$	Tai-Kadai	Southeast Asia	IDS			
Southern Kam	kami1255		Tai-Kadai	Southeast Asia	IDS			
Southern Tai of Songkhla	sout2746		Tai-Kadai	Southeast Asia	IDS			
Sui	suii1243	swi	Tai-Kadai	Southeast Asia	IDS			
Zhuang-Longzhou	minz1236	zgm	Tai-Kadai	Southeast Asia	IDS	3.6: 1	G O D	(I: 0000 a04)
Chadong	chad1240	$\operatorname{cdy}$	Tai-Kadai	Southeast Asia	IDS	Mixed	S&R	(Li, 2008, 604)
Maonan	maon1241	mmd	Tai-Kadai	Southeast Asia	IDS	Non-Initial	S&R	(Lu, 2008, 178)
Tai Lue	luuu1242	khb	Tai-Kadai	Southeast Asia	IDS	Non-Initial	S&R	(Hartmann, 1984, 48)
Central-Thai	thai1261	tha	Tai-Kadai	Southeast Asia	IDS	Non-Initial	WALS	
Dehong	khun1259	kkh	Tai-Kadai	Southeast Asia	IDS	Non-Initial	WALS	
Khamuang of Chiang Mai	nort2740	nod	Tai-Kadai	Southeast Asia	IDS	Non-Initial	WALS	
Nung-Lazhai	nung1283	nut	Tai-Kadai	Southeast Asia	IDS	Non-Initial	WALS	
Truma	trum1247	$_{\mathrm{tpy}}$	Trumai	NE South America	IDS	Initial	WALS	
Tsimshian	nucl1649	tsi	Tsimshian	Alaska-Oregon	IDS	Non-Initial	WALS	(**** 1 2000 100)
Siona	sion1247	snn	Tucanoan	NE South America	IDS	Initial	S&R	(Wheeler, 2000, 192)
Tuyuca	tuyu1244	tue	Tucanoan	NE South America	IDS	Initial	S&R	(Barnes and Malone, 2000, 443)
Oroqen	oroq1238	orh	Tungusic	N Coast Asia	WOLD			
Ach	ache1246	guq	Tupian	SE South America	IDS			
Guaran, Eastern Bolivian	east2555	gui	Tupian	SE South America	IDS	T 1.1.1	20.5	(D. 11, 2014, 407)
Sirion	siri1273	$\operatorname{srq}$	Tupian	NE South America	IDS	Initial	S&R	(Dahl, 2014, 125)
Guaran, Paraguayan	para1311	gug	Tupian	SE South America	IDS	Non-Initial	WALS	
Wayampi	waya1270	oym	Tupian	NE South America	IDS	Initial	WALS	(D + 0011 100)
Sakha	yaku1245	$\operatorname{sah}$	Turkic	Inner Asia	WOLD	Non-Initial	S&R	(Petrova, 2011, 169)
Erzya	erzy1239	myv	Uralic	Inner Asia	IDS			
Komi-Zyrian	komi1268	kpv	Uralic	Inner Asia	IDS			
Mari, Eastern	east2328	mhr	Uralic	Inner Asia	IDS			
Nenets	nene1249	yrk	Uralic	Inner Asia	IDS			
Udmurt	udmu1245	udm	Uralic	Inner Asia	IDS	T 1	G O D	(1171) 2014 244)
Saami, North	nort2671	sme	Uralic	Inner Asia	IDS	Initial	S&R	(Wilbur, 2014, 244)
Estonian	esto1258	est	Uralic	Inner Asia	IDS	Initial	WALS	
Finnish	finn1318	fin	Uralic	Inner Asia	IDS	Initial	WALS	
Khanty	khan1273	kca	Uralic	Inner Asia	IDS	Non-Initial	WALS	
Mansi	mans1258	mns	Uralic	Inner Asia	IDS	Non-Initial	WALS	
Selkup	selk1253	sel	Uralic	Inner Asia	IDS	Non-Initial	WALS	
Hungarian Kildin Saami	hung1274 kild1236	hun	Uralic	Europe Inner Asia	IDS WOLD	Non-Initial	WALS	
		$_{ m sjd}$	Uralic			Initial	C f.D	(Cerrn-Palomino, 2009, 65)(Cerrn-Palomino, 2006, 243)
Chipaya	chip1262	cap	Uru-Chipaya	Andean	IDS	Initial	S&R	(Cerrn-Palomino, 2009, 05)(Cerrn-Palomino, 2006, 243)
Nahuatl, Highland Puebla	high1278	azz	Uto-Aztecan Uto-Aztecan	Mesoamerica Mesoamerica	IDS WOLD	Non Initial	TATATO	
Yaqui	yaqu1251	yaq	O to-Aztecan	Mesoamerica	WOLD	Non-Initial	WALS	

Nootka Waorani	$   \begin{array}{c}     \text{noot} 1238 \\     \text{waor} 1240   \end{array} $	noo auc	Wakashan Waorani	Alaska-Oregon NE South America	IDS IDS	Initial	WALS	
Ymana	yama1264	yag	Ymana	SE South America	IDS	Non-Initial	S&R	(Adam, 1885, 49)
Yanommi	yano1262	wca	Yanomam	NE South America	IDS	Initial	S&R	(Emiri, 1981, 73)(Lizot, 1996, 119)
Ninam	nina1238	shb	Yanomam	NE South America	IDS	Initial	WALS	
Ket	kett1243	ket	Yeniseian	Inner Asia	WOLD	Non-Initial	WALS	
Yuwana	yuwa1244	yau	Yuwana	NE South America	IDS			
Ayoreo	ayor1240	ayo	Zamucoan	SE South America	IDS	Non-Initial	S&R	(Bertinetto, 2014a, 393-395)(Bertinetto, 2014b, 12-Nov)
Zuni	zuni1245	zun	Zuni	Basin and Plains	IDS	Initial	WALS	•

## References

Adam, L. (1885). Gammaire de la Langue Jagane. Maisonneuve Freres Ch. Leclerc.

Axel, K. (2007). Studies on Old High German syntax: left sentence periphery, verb placement and verb-second, volume 112. John Benjamins Publishing.

Barnes, J. and Malone, T. (2000). El tuyuca. In Gonzlez de Prez, M. S. and Rodrguez de Montes, M. L., editors, Lenguas indgenas de Colombia: una visin descriptiva, pages 437–452. Instituto Caro y Cuervo, Santaf de Bogot.

Bertinetto, P. M. (2014a). Ayoreo. In Muysken, P. and Crevels, M., editors, Oriente, volume 3 of Lenguas de Bolivia, pages 369–413. Plural Editores, La Paz.

Bertinetto, P. M. (2014b). Ayoreo. In Muysken, P. and Crevels, M., editors, Oriente, volume 3 of Lenguas de Bolivia, pages 369–413. Plural Editores, La Paz.

Broekhuis, Hans; Corver, N. (2016). 11.3.1. Wh-questions. Retrieved September 01, 2016 from http://www.taalportaal.org/taalportaal/topic/link/syntax\_\_\_\_Dutch\_vp\_\_V11\_Word\_order\_Clause\_initial\_position\_11.3.1.xml.

Brown, W. and Alt, T. (2004). A handbook of Bosnian, Serbian, and Croatian. Citeseer.

BYRNE JR, F. (1985). VERB SERIALIZATION AND PREDICATE COMPLEMENTATION IN SARAMACCAN. The University of Arizona.

Cerrn-Palomino, R. (2006). El Chipaya o Lengua de los Hombres del Agua. Fondo Editorial, Pontificia Universidad Catlica del Per, Lima, 1 edition.

Cerrn-Palomino, R. (2009). Chipaya. In Crevels, M. and Muysken, P., editors, Ambito Andino, volume 1 of Lenguas de Bolivia, pages 29–78. Plural Editores, La Paz.

Corne, C. (1977). Seychelles Creole Grammar, volume 91 of Tbinger Beitrge zur Linguistik. TBL Gnter Narr, Tbingen.

Cowan, M. (2014). Tzotzil Materials. Bartholomew Collection of Unpublished Materials SIL International - Mexico Branch.

Crevels, M. (2012). Itonama. In Crevels, M. and Muysken, P., editors, Ambito Andino, volume 2 of Lenguas de Bolivia, pages 233–294. Plural Editores, La Paz.

da Silva, M. S. R. (2011). A lngua Kaingng da aldeia paulista Icatu: uma descrio funcional. PhD thesis, Universidade Estadual Paulista/So Jos do Rio Preto.

Dahl, O. (2014). Sirion. In Muysken, P. and Crevels, M., editors, Oriente, volume 3 of Lenguas de Bolivia, pages 99–133. Plural Editores, La Paz.

de Aguiar, M. S. (1988). Elementos de descrio sinttica para uma gramtica do katukina. Master's thesis, Universidade Estadual de Campinas, Campinas.

de Aguiar, M. S. (1994). Anlise descritiva e terica do Katukina-Pano. PhD thesis, Universidade Estadual de Campinas, Campinas.

Dryer, M. S. (2013). Position of Interrogative Phrases in Content Questions. Max Planck Institute for Evolutionary Anthropology, Leipzig.

Emiri, L. (1981). Gramtica pedaggica da Ingua Ynomam. Misso Catrimni, Boa Vista.

Faust, N. and Loos, E. E. (2002). GRAM'ATICA DEL IDIOMA YAMINAHUA. SERIE LINGÜÍSTICA PERUANA No. 51. INSTITUTO LINGÜÍSTICO DE VERANO.

Fernndez Garay, A. (1998). El tehuelche: una lengua en vas de extincin, volume 15 of Estudios Filologicos. Facultad de Filosofa y Humanidades, Universidad Austral de Chile, Valdivia.

Feu, V. D. (1996). Rapanui. Descriptive Grammars Series. Routledge, London New York.

Guillaume, A. (2008a). A grammar of Cavineña, volume 44. Walter de Gruyter.

Guillaume, A. (2008b). A grammar of Cavinea, volume 44 of Mouton Grammar Library. Mouton de Gruyter, Berlin.

- Hartmann, J. F. (1984). Linguistic and memory structures of Tai-Lue oral narratives, volume 90 of Pacific linguistics: Series B. Dept. of Linguistics, Research School of Pacific Studies, Australian National University, Canberra. Bibliography: p. 212-230.
- Higuita, J. M. G. (2008). Una gramatica del Wansjt (Puinave). PhD thesis, University of Amsterdam, Utrecht.
- Hudson, D. F. (1965). Bengali. Teach Yourself Books. St.Paul's House, London.
- Kallulli, D. (2011). Albanian. In Kortmann, B. and van der Auwera, J., editors, The Languages and Linguistics of Europe: A Comprehensive Guide, volume 1 of The World of Linguistics, pages 199–208. Berlin: Mouton, Berlin, Boston.
- Li, J. (2008). Chadong, a newly-discovered kam-sui language in guangxi, china. In Diller, A. V. N., Edmondson, J. A., and Luo, Y., editors, *The Tai-Kadai Languages*, pages 596–620. Routledge, London New York.
- Lizot, J. (1996). Introduccin a la lengua yanomami: Morfologa. Vicariato Apostlico de Puerto Ayacucho/UNICEF, Caracas.
- Lu, T. Q. (2008). A Grammar of Maonan. Universal, Boca Raton.
- Mortensen, C. A. (1999). A Reference Grammar of Northern Embera Languages, volume 7 of Studies in the Languages of Colombia. SIL International and University of Texas at Arlington, Dallas: SIL. Also SILPL 134.
- Mosonyi, E. E., Mosonyi, J. C., and gueda Largo (2000). Yavitero. In Mosonyi, E. E. and Mosonyi, J. C., editors, Manual de Lenguas Indgenas de Venezuela, volume 2 of Serie Origenes, pages 594–691. Fundacin Bigott, Caracas.
- Mosonyi, J. C. (1987). El idioma yavitero: ensayo de gramtica y diccionario. PhD thesis, Caracas: Universidad Central de Venezuela.
- Newmark, L., Hubbard, P., and Prifti, P. (1982). Standard Albanian: a reference grammar for students. Stanford University Press, Stanford, California.
- Ostler, N. (1994). Syntactic typology of muisca a sketch. In Cole, P., Hermon, G., and Martin, M. D., editors, Language in the Andes, Latin American Studies, pages 205–230. University of Delaware, Newark.
- Payne, T. E. and Payne, D. L. (2013). A Typological Grammar of Panare: A Cariban Language of Venezuela. Brill's Studies in the Indigenous Languages of the Americas. Brill, Leiden.
- Petrova, N. (2011). lexical and clause-linkage properties of the converbal constructions in sakha (yakut). Doctoral thesis, the University at Buffalo, State University of New York.
- Rose, F. (2014). Mojeo trinitario. In Muysken, P. and Crevels, M., editors, Oriente, volume 3 of Lenguas de Bolivia, pages 59–97. Plural Editores, La Paz.
- Stewart, S. (1980). Gramtica Kekch. Editorial Academica Centro Americana, Guatemala.
- Vamarasi, M. (2002). Rotuman, volume 415 of Languages of the World/Materials. Lincom, Mnchen.
- van Sluijs, R. (2013). Negerhollands. In Michaelis, S. M., Maurer, P., Haspelmath, M., and Huber, M., editors, English-based and Dutch-based Languages, volume 1 of Atlas of Pidgin and Creole Languages, pages 265–274. Oxford University Press, Oxford.
- Villard, S. (2009). Grammatical Sketch of Zacatepec Chatino. Doctoral thesis, The University of Texas at Austin.
- Weber, R. L. (2007). The verbal morphology of Rapa Nui, the Polynesian language of Easter Island, and its function in narrative discourse. PhD thesis, UMI Ann Arbor.
- Wheeler, A. (2000). La lengua siona. In Gonzlez de Prez, M. S. and Rodrguez de Montes, M. L., editors, Lenguas indgenas de Colombia: una visin descriptiva, pages 181–198. Instituto Caro y Cuervo, Santaf de Bogot.

Wiesemann, U. (1972). Die Phonologische und Grammatische Struktur der Kaingang-Sprache. Mouton: The Hague.

Wilbur, J. (2014). A grammar of Pite Saami. Language Science Press.

Zucker, S. (1994). Yiddish: An Introduction to the Language, volume 1.