

Appendix B Custom sample in Chapter 2

B.4. Custom sample: directionality for asymmetrical conditional indexing systems

The following table contains only systems that are classified as asymmetrical (i.e., there is a zero somewhere within the system). ‘ID’ is a unique system identifier (see other appendices), and ‘form’ indicates whether a condition triggers overt indexing, zero indexing, or alternation (overt or zero; i.e., there is another condition at play). The conditions columns are labelled as follows: referential conditions: ‘pers’= person, ‘num’ = number, ‘anim’ = animacy, ‘prom’ = discourse prominence, ‘def’ = definiteness, ‘event’ = semantic transitivity, ‘co-occ’ = co-occurrence of a conominal, ‘pol’ = polarity.

Due to the complexity of multifactorial systems, this table does not show factor combinations; that is, each condition column matches only to the form column, not to the other condition columns. For example, for Aguaruna A indexing (ID = 1), plural number alternates, while singular number triggers zero indexing; ‘other’ (i.e., non-default) verb classes trigger alternating indexing, while default classes trigger zero. It is NOT the case that ‘singular + default = zero indexing’, but that ‘singular = zero’ and ‘default = zero indexing’. That is, singular is zero-indexed regardless of verb-class condition, and default verb classes have zero indexing regardless of number.

language	ID	role	form	pers	num	anim	prom	word order	def	verb class	event	co-occ	pol
Aguaruna	1	A	alt		pl					other			
Aguaruna	1	A	zero		sg					default			
Aguaruna	3	P	alt		pl					other			
Aguaruna	3	P	zero		sg					default			

<i>Aguaruna</i>	4	P	overt	1,2		default	
<i>Aguaruna</i>	4	P	overt	1,2		other	
<i>Aguaruna</i>	4	P	zero	3			
<i>Aguaruna</i>	5	S	alt		pl	other	
<i>Aguaruna</i>	5	S	zero		sg	default	
<i>Ainu</i>	7	A	alt			other	high
<i>Ainu</i>	7	A	overt		anim		
<i>Ainu</i>	7	A	zero		inan	default	
<i>Ainu</i>	8	A	overt		pl		
<i>Ainu</i>	8	A	zero		sg		
<i>Ainu</i>	9	A	alt	3			
<i>Ainu</i>	9	A	overt	1,2			
<i>Ainu</i>	10	P	alt			other	high
<i>Ainu</i>	10	P	overt		anim		
<i>Ainu</i>	10	P	zero		inan	default	
<i>Ainu</i>	11	P	overt		pl		
<i>Ainu</i>	11	P	zero		sg		
<i>Ainu</i>	12	P	alt	3			
<i>Ainu</i>	12	P	overt	1,2			
<i>Ainu</i>	13	S	overt			other	

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<i>Ainu</i>	13	S	zero		default	
<i>Ainu</i>	14	S	overt	pl		
<i>Ainu</i>	14	S	zero	sg		
<i>Ainu</i>	15	S	overt	1,2		
<i>Ainu</i>	15	S	zero	3		
<i>Alagwa</i>	16	A	alt			present
<i>Alagwa</i>	16	A	overt	1,2		absent
<i>Alagwa</i>	16	A	overt	3		absent
<i>Alagwa</i>	17	A	alt	1,2	other	
<i>Alagwa</i>	17	A	alt	3	other	
<i>Alagwa</i>	17	A	overt			neg
<i>Alagwa</i>	17	A	zero			aff
<i>Alagwa</i>	18	P	alt		preverbal/fronted	present
<i>Alagwa</i>	18	P	overt	1,2		absent
<i>Alagwa</i>	18	P	overt	3		absent
<i>Alagwa</i>	19	S	alt			present
<i>Alagwa</i>	19	S	overt	1,2		absent
<i>Alagwa</i>	19	S	overt	3		absent
<i>Alagwa</i>	20	S	alt	1,2	other	
<i>Alagwa</i>	20	S	alt	3	other	

<i>Alagwa</i>	20	S	overt						neg
<i>Alagwa</i>	20	S	zero						aff
<i>Alto Perené</i>	21	A	overt			not preverbal/fronted			
<i>Alto Perené</i>	21	A	zero			preverbal/fronted			
<i>Alto Perené</i>	22	P	overt				def	high	
<i>Alto Perené</i>	22	P	zero				indef	low	
<i>Alto Perené</i>	23	S	alt	3			other	high	aff
<i>Alto Perené</i>	23	S	overt	1,2			other	low	neg
<i>Alto Perené</i>	23	S	zero					low	
<i>Anamuxra</i>	25	P	overt			anim			
<i>Anamuxra</i>	25	P	zero			inan			
<i>Armenian</i>	27	A	alt	3			other		
<i>Armenian</i>	27	A	overt	1,2			other		
<i>Armenian</i>	29	S	alt	3			other		
<i>Armenian</i>	29	S	overt	1,2			other		
<i>Assiniboine</i>	30	A	alt	3	pl	inan			
<i>Assiniboine</i>	30	A	overt	1,2					
<i>Assiniboine</i>	30	A	zero		sg				
<i>Assiniboine</i>	31	A	alt	3			default		

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<i>Assiniboine</i>	31	A	alt	3			other	
<i>Assiniboine</i>	31	A	alt	1,2			default	
<i>Assiniboine</i>	31	A	alt	1,2			other	
<i>Assiniboine</i>	31	A	overt	1,2			other	high
<i>Assiniboine</i>	31	A	overt	1,2			default	high
<i>Assiniboine</i>	32	P	alt	1,2	pl			
<i>Assiniboine</i>	32	P	alt	3	pl	inan		
<i>Assiniboine</i>	32	P	alt	3	pl	anim		
<i>Assiniboine</i>	32	P	zero		sg			
<i>Assiniboine</i>	33	P	overt	1,2				
<i>Assiniboine</i>	33	P	zero	3				
<i>Assiniboine</i>	34	S	alt	3	pl	inan		
<i>Assiniboine</i>	34	S	overt	1,2				
<i>Assiniboine</i>	34	S	zero		sg			
<i>Assiniboine</i>	35	S	overt	1,2			other	high
<i>Assiniboine</i>	35	S	overt	1,2			default	high
<i>Assiniboine</i>	35	S	overt	1,2			other	low
<i>Assiniboine</i>	35	S	overt	1,2			default	low
<i>Assiniboine</i>	35	S	zero	3				
<i>Awa Pit</i>	36	A	alt	1,2	pl			

<i>Awa Pit</i>	36	A	alt	3	pl	anim		
<i>Awa Pit</i>	36	A	zero		sg	inan		
<i>Awa Pit</i>	37	A	alt	1,2				aff
<i>Awa Pit</i>	37	A	alt	3				aff
<i>Awa Pit</i>	37	A	overt	1,2				
<i>Awa Pit</i>	37	A	zero					neg
<i>Awa Pit</i>	38	P	alt	1,2	pl			
<i>Awa Pit</i>	38	P	alt	3	pl	anim		
<i>Awa Pit</i>	38	P	zero		sg	inan		
<i>Awa Pit</i>	39	P	overt	1,2				
<i>Awa Pit</i>	39	P	zero	3				
<i>Awa Pit</i>	40	S	alt	1,2	pl		other	high
<i>Awa Pit</i>	40	S	alt	3	pl	anim	other	high
<i>Awa Pit</i>	40	S	alt	1,2	pl		other	low
<i>Awa Pit</i>	40	S	alt	3	pl	anim	other	low
<i>Awa Pit</i>	40	S	zero		sg	inan		
<i>Awa Pit</i>	41	S	alt	1,2				
<i>Awa Pit</i>	41	S	alt	3				
<i>Awa Pit</i>	41	S	overt	1,2				aff
<i>Awa Pit</i>	41	S	zero					neg

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<i>Ben Tey</i>	42	A	alt	1,2				neg
<i>Ben Tey</i>	42	A	alt	1,2				aff
<i>Ben Tey</i>	42	A	alt	3	anim			neg
<i>Ben Tey</i>	42	A	alt	3	anim			aff
<i>Ben Tey</i>	42	A	alt	3	inan			neg
<i>Ben Tey</i>	42	A	alt	3	inan			aff
<i>Ben Tey</i>	44	S	alt	1,2				neg
<i>Ben Tey</i>	44	S	alt	1,2				aff
<i>Ben Tey</i>	44	S	alt	3	anim			neg
<i>Ben Tey</i>	44	S	alt	3	anim			aff
<i>Ben Tey</i>	44	S	alt	3	inan			neg
<i>Ben Tey</i>	44	S	alt	3	inan			aff
<i>Betta Kurumba</i>	45	A	alt				low	
<i>Betta Kurumba</i>	45	A	overt	1,2		default	high	aff
<i>Betta Kurumba</i>	45	A	overt	1,2		default	high	neg
<i>Betta Kurumba</i>	45	A	overt	3		default	high	aff
<i>Betta Kurumba</i>	45	A	overt	3		default	high	neg
<i>Betta Kurumba</i>	45	A	zero			other		
<i>Betta Kurumba</i>	47	S	alt				low	
<i>Betta Kurumba</i>	47	S	overt	1,2		default	high	aff

<i>Betta Kurumba</i>	47	S	overt	1,2			default	high	neg
<i>Betta Kurumba</i>	47	S	overt	3			default	high	aff
<i>Betta Kurumba</i>	47	S	overt	3			default	high	neg
<i>Betta Kurumba</i>	47	S	zero				other		
<i>Bororo</i>	49	P	overt	1,2			other	high	
<i>Bororo</i>	49	P	overt	3			other	high	
<i>Bororo</i>	49	P	zero				other	low	
<i>Bororo</i>	50	S	alt	3			default		
<i>Bororo</i>	50	S	alt	3			other		
<i>Bororo</i>	50	S	overt	1,2			other		
<i>Bukiyip</i>	52	P	alt				other		
<i>Bukiyip</i>	52	P	overt		high		other		
<i>Bukiyip</i>	52	P	zero		low				
<i>Bulgarian</i>	54	A	alt	3					neg
<i>Bulgarian</i>	54	A	overt	1,2					
<i>Bulgarian</i>	55	A	alt	1,2					neg
<i>Bulgarian</i>	55	A	alt	3					neg
<i>Bulgarian</i>	55	A	overt	1,2					aff
<i>Bulgarian</i>	56	P	alt				default		
<i>Bulgarian</i>	56	P	overt		high	preverbal/fronted	other		

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<i>Bulgarian</i>	56	P	zero		low	not preverbal/fronted	
<i>Bulgarian</i>	57	S	alt	3			neg
<i>Bulgarian</i>	57	S	overt	1,2			
<i>Bulgarian</i>	58	S	alt	1,2			neg
<i>Bulgarian</i>	58	S	alt	3			neg
<i>Bulgarian</i>	58	S	overt	1,2			aff
<i>Buriat</i>	59	A	alt	1,2			
<i>Buriat</i>	59	A	alt	3			
<i>Buriat</i>	59	A	overt			other	
<i>Buriat</i>	61	S	alt	1,2			
<i>Buriat</i>	61	S	alt	3			
<i>Buriat</i>	61	S	overt			other	
<i>Chajul Ixil</i>	63	P	overt	1,2			
<i>Chajul Ixil</i>	63	P	zero	3			
<i>Chajul Ixil</i>	64	S	overt	1,2		other	
<i>Chajul Ixil</i>	64	S	zero	3			
<i>Chechen</i>	65	A	alt			default	
<i>Chechen</i>	65	A	overt		anim		high
<i>Chechen</i>	65	A	zero		inan	other	low

<i>Chechen</i>	66	P	alt		default		
<i>Chechen</i>	66	P	alt		other		
<i>Chechen</i>	66	P	overt		other		
<i>Chechen</i>	66	P	zero		other		
<i>Chechen</i>	67	P	overt		other		
<i>Chechen</i>	67	P	zero		default		
<i>Chechen</i>	68	S	overt		default		
<i>Chechen</i>	68	S	overt		other		
<i>Chechen</i>	68	S	zero		other		
<i>Chechen</i>	69	S	overt		other		
<i>Chechen</i>	69	S	zero		default		
<i>Chimariko</i>	70	A	overt		other		
<i>Chimariko</i>	71	P	overt		other		
<i>Choctaw</i>	73	A	alt	3	other		aff
<i>Choctaw</i>	73	A	alt	3	default		aff
<i>Choctaw</i>	73	A	overt	1,2	other		neg
<i>Choctaw</i>	74	P	alt	1,2	other	high	present
<i>Choctaw</i>	74	P	alt	1,2	default	high	present
<i>Choctaw</i>	74	P	alt	3	other	high	present
<i>Choctaw</i>	74	P	alt	3	default	high	present

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<i>Choctaw</i>	74	P	overt				other	low	absent
<i>Choctaw</i>	75	S	alt	3			other	high	aff
<i>Choctaw</i>	75	S	alt	3			other	high	neg
<i>Choctaw</i>	75	S	alt	3			other	low	aff
<i>Choctaw</i>	75	S	alt	3			other	low	neg
<i>Choctaw</i>	75	S	overt	1,2			other		
<i>Chol</i>	76	A	alt	3	pl				
<i>Chol</i>	76	A	alt	1,2	pl				
<i>Chol</i>	76	A	overt			anim			
<i>Chol</i>	76	A	zero		sg	inan			
<i>Chol</i>	78	P	alt	3	pl				
<i>Chol</i>	78	P	overt	1,2					
<i>Chol</i>	78	P	zero		sg	inan			
<i>Chol</i>	79	P	overt	1,2					
<i>Chol</i>	79	P	zero	3					
<i>Chol</i>	80	S	alt	3	pl				
<i>Chol</i>	80	S	overt	1,2					
<i>Chol</i>	80	S	zero		sg	inan			
<i>Chol</i>	81	S	alt	3			other	low	
<i>Chol</i>	81	S	overt	1,2			other	high	

<i>Chukchi</i>	84	S	alt	1,2	
<i>Chukchi</i>	84	S	alt	3	
<i>Chukchi</i>	84	S	overt	1,2	
<i>Coastal Marind</i>	86	P	alt	1,2	other
<i>Coastal Marind</i>	86	P	alt	1,2	default
<i>Coastal Marind</i>	86	P	alt	3	other
<i>Coastal Marind</i>	86	P	alt	3	default
<i>Coastal Marind</i>	86	P	overt	1,2	other
<i>Coastal Marind</i>	86	P	zero	inan	other
<i>Coastal Marind</i>	87	P	overt		other
<i>Coastal Marind</i>	87	P	zero		default
<i>Coastal Marind</i>	89	S	overt		other
<i>Coastal Marind</i>	89	S	zero		default
<i>Eastern Khanty</i>	90	A	alt	3	
<i>Eastern Khanty</i>	90	A	overt	1,2	
<i>Eastern Khanty</i>	91	P	overt		high
<i>Eastern Khanty</i>	91	P	zero		low
<i>Eastern Khanty</i>	92	S	alt	3	
<i>Eastern Khanty</i>	92	S	overt	1,2	
<i>Emerillon</i>	94	P	alt	1,2	

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<i>Emerillon</i>	94	P	zero	3					
<i>English</i>	96	A	alt	3					
<i>English</i>	96	A	alt	1,2					
<i>English</i>	98	S	alt	3					
<i>English</i>	98	S	alt	1,2					
<i>Ese Ejja</i>	99	A	overt	3					
<i>Ese Ejja</i>	99	A	zero	1,2					
<i>Ese Ejja</i>	101	S	alt	3					
<i>Ese Ejja</i>	101	S	overt				other		
<i>Ese Ejja</i>	101	S	zero	1,2			default		
<i>Gitksan</i>	102	A	alt	3	inan	not preverbal/fronted		present	aff
<i>Gitksan</i>	102	A	alt	3	inan	not preverbal/fronted		present	neg
<i>Gitksan</i>	102	A	alt	3	inan	preverbal/fronted		present	aff
<i>Gitksan</i>	102	A	alt	3	inan	preverbal/fronted		present	neg
<i>Gitksan</i>	102	A	alt	3	anim	not preverbal/fronted		present	aff
<i>Gitksan</i>	102	A	alt	3	anim	not preverbal/fronted		present	neg
<i>Gitksan</i>	102	A	alt	3	anim	preverbal/fronted		present	aff
<i>Gitksan</i>	102	A	alt	3	anim	preverbal/fronted		present	neg

<i>Gitksan</i>	102	A	overt	1,2			absent
<i>Gitksan</i>	103	P	overt			other	
<i>Gitksan</i>	103	P	zero			other	
<i>Gitksan</i>	104	P	alt		not preverbal/fronted		present neg
<i>Gitksan</i>	104	P	overt	1,2			absent
<i>Gitksan</i>	104	P	overt	3			absent
<i>Gitksan</i>	104	P	zero		preverbal/fronted		aff
<i>Gitksan</i>	105	S	overt			other	
<i>Gitksan</i>	105	S	zero			other	
<i>Gitksan</i>	106	S	alt	3	inan		present neg
<i>Gitksan</i>	106	S	alt	3	inan		present aff
<i>Gitksan</i>	106	S	alt	1,2			present neg
<i>Gitksan</i>	106	S	alt	1,2			present aff
<i>Gitksan</i>	106	S	overt		anim		absent
<i>Goemai</i>	107	A	alt		pl		
<i>Goemai</i>	107	A	overt			other	
<i>Goemai</i>	107	A	zero		sg	default	
<i>Goemai</i>	108	A	alt	1,2			
<i>Goemai</i>	108	A	alt	3			

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<i>Goemai</i>	108	A	overt	1,2		low	
<i>Goemai</i>	108	A	zero		inan	high	
<i>Goemai</i>	109	P	alt		pl		
<i>Goemai</i>	109	P	overt				other
<i>Goemai</i>	109	P	zero		sg		default
<i>Goemai</i>	110	S	alt		pl		
<i>Goemai</i>	110	S	overt				other
<i>Goemai</i>	110	S	zero		sg		default
<i>Goemai</i>	111	S	alt	1,2			
<i>Goemai</i>	111	S	alt	3			
<i>Goemai</i>	111	S	overt	1,2		low	
<i>Goemai</i>	111	S	zero		inan	high	
<i>Gyeli</i>	112	A	alt	1,2			present
<i>Gyeli</i>	112	A	alt	3			present
<i>Gyeli</i>	112	A	overt				absent
<i>Gyeli</i>	114	S	alt	1,2			present
<i>Gyeli</i>	114	S	alt	3			present
<i>Gyeli</i>	114	S	overt				absent
<i>Hanis</i>	115	A	alt	3			
<i>Hanis</i>	115	A	alt	1,2			

<i>Hanis</i>	115	A	overt		high	def	absent
<i>Hanis</i>	115	A	zero		low	indef	present
<i>Hanis</i>	116	P	alt	1,2			
<i>Hanis</i>	116	P	alt	3			
<i>Hanis</i>	117	S	alt	1,2			
<i>Hanis</i>	117	S	alt	3			
<i>Hanis</i>	117	S	overt		high	def	absent
<i>Hanis</i>	117	S	zero		low	indef	present
<i>Hua</i>	119	P	alt	3	anim		
<i>Hua</i>	119	P	overt	1,2		other	
<i>Hua</i>	119	P	overt	1,2		default	
<i>Hua</i>	119	P	zero		inan	other	
<i>Huave</i>	121	A	alt	3			
<i>Huave</i>	121	A	overt	1,2			
<i>Huave</i>	122	P	alt	3			
<i>Huave</i>	122	P	zero	1,2			
<i>Huave</i>	123	S	alt	3		other	
<i>Huave</i>	123	S	overt	1,2			
<i>Huehuetla Tepehua</i>	124	A	alt	1,2		def	
<i>Huehuetla Tepehua</i>	124	A	alt	1,2		indef	

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<i>Huehuetla Tepehua</i>	124	A	alt	3					def			
<i>Huehuetla Tepehua</i>	124	A	alt	3					indef			
<i>Huehuetla Tepehua</i>	124	A	overt			inan	low					absent
<i>Huehuetla Tepehua</i>	124	A	overt			anim	low					absent
<i>Huehuetla Tepehua</i>	124	A	zero				high					present
<i>Huehuetla Tepehua</i>	125	P	alt	3		inan						
<i>Huehuetla Tepehua</i>	125	P	overt	1,2								
<i>Huehuetla Tepehua</i>	126	S	alt	1,2					def	default		
<i>Huehuetla Tepehua</i>	126	S	alt	1,2					def	other		
<i>Huehuetla Tepehua</i>	126	S	alt	1,2					indef	default		
<i>Huehuetla Tepehua</i>	126	S	alt	1,2					indef	other		
<i>Huehuetla Tepehua</i>	126	S	alt	3		inan			def	default		
<i>Huehuetla Tepehua</i>	126	S	alt	3		inan			def	other		
<i>Huehuetla Tepehua</i>	126	S	alt	3		inan			indef	default		
<i>Huehuetla Tepehua</i>	126	S	alt	3		inan			indef	other		
<i>Huehuetla Tepehua</i>	126	S	overt			anim	low			other	high	absent
<i>Huehuetla Tepehua</i>	126	S	overt			anim	low			other	low	absent
<i>Huehuetla Tepehua</i>	126	S	zero				high				low	present
<i>Ik</i>	127	A	alt	3								present
<i>Ik</i>	127	A	overt	1,2				preverbal/fronted				absent
<i>Ik</i>	127	A	zero					not preverbal/fronted				

<i>Ik</i>	129	S	alt	3			present
<i>Ik</i>	129	S	overt	1,2	preverbal/fronted		absent
<i>Ik</i>	129	S	zero		not preverbal/fronted		
<i>Itzá</i>	131	P	alt	1,2			
<i>Itzá</i>	131	P	alt	3			
<i>Itzá</i>	132	S	alt	3		other	low
<i>Itzá</i>	132	S	overt	1,2		other	high
<i>Japhug</i>	133	A	alt	3		other	
<i>Japhug</i>	133	A	overt	1,2	high		
<i>Japhug</i>	133	A	zero		low		
<i>Japhug</i>	134	P	alt		low	other	
<i>Japhug</i>	134	P	alt		high	other	
<i>Japhug</i>	134	P	zero			other	
<i>Japhug</i>	135	S	alt	3			
<i>Japhug</i>	135	S	overt	1,2			
<i>Kakataibo</i>	136	A	alt	3	pl		
<i>Kakataibo</i>	136	A	zero		sg		
<i>Kakataibo</i>	137	A	alt	3			
<i>Kakataibo</i>	137	A	overt	1,2			

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<i>Kakataibo</i>	139	S	alt	3	pl		
<i>Kakataibo</i>	139	S	zero		sg		
<i>Kakataibo</i>	140	S	alt	3			
<i>Kakataibo</i>	140	S	overt	1,2			
<i>Kalapalo</i>	142	P	alt		pl	anim	
<i>Kalapalo</i>	142	P	zero		sg	inan	
<i>Kalapalo</i>	144	S	alt		pl	anim	
<i>Kalapalo</i>	144	S	zero		sg	inan	
<i>Kalapalo</i>	145	S	overt	1,2			
<i>Kalapalo</i>	145	S	zero	3			
<i>Kam</i>	146	A	alt	1,2			
<i>Kam</i>	146	A	alt	3			
<i>Kam</i>	146	A	overt			anim	absent
<i>Kam</i>	146	A	zero			inan	present
<i>Kam</i>	147	P	alt	1,2			preverbal/fronted
<i>Kam</i>	147	P	alt	3		anim	preverbal/fronted
<i>Kam</i>	147	P	overt				not preverbal/fronted
<i>Kam</i>	147	P	zero			inan	
<i>Kam</i>	148	S	alt	1,2			
<i>Kam</i>	148	S	alt	3			

<i>Kam</i>	148	S	overt	anim	absent
<i>Kam</i>	148	S	zero	inan	present
<i>Kamang</i>	150	P	alt	other	
<i>Kamang</i>	150	P	overt	anim	other high
<i>Kamang</i>	150	P	zero	inan	other low
<i>Kamang</i>	151	S	alt	other	
<i>Kamang</i>	151	S	overt	other	high
<i>Kamang</i>	151	S	zero	other	low
<i>Karajá</i>	152	A	alt	3	
<i>Karajá</i>	152	A	overt	1,2	
<i>Karajá</i>	153	P	overt	1,2	
<i>Karajá</i>	153	P	zero	3	
<i>Karajá</i>	154	S	alt	3	
<i>Karajá</i>	154	S	overt	1,2	
<i>Karuk</i>	155	A	alt		aff
<i>Karuk</i>	155	A	alt		neg
<i>Karuk</i>	156	P	alt		aff
<i>Karuk</i>	156	P	alt		neg
<i>Karuk</i>	157	S	alt	1,2	neg
<i>Karuk</i>	157	S	alt	3	neg

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<i>Karuk</i>	157	S	overt	1,2		aff
<i>Laguna Keres</i>	158	A	alt	3		
<i>Laguna Keres</i>	158	A	overt	1,2	high	
<i>Laguna Keres</i>	158	A	zero		low	
<i>Laguna Keres</i>	159	P	alt	3		
<i>Laguna Keres</i>	159	P	overt	1,2	high	
<i>Laguna Keres</i>	159	P	zero		low	
<i>Kharia</i>	161	A	alt	1,2		aff
<i>Kharia</i>	161	A	alt	1,2		neg
<i>Kharia</i>	161	A	alt	3		aff
<i>Kharia</i>	161	A	alt	3		neg
<i>Kharia</i>	161	A	overt		anim	
<i>Kharia</i>	161	A	zero		inan	
<i>Kharia</i>	163	S	alt	1,2		aff
<i>Kharia</i>	163	S	alt	1,2		neg
<i>Kharia</i>	163	S	alt	3		aff
<i>Kharia</i>	163	S	alt	3		neg
<i>Kharia</i>	163	S	overt		anim	
<i>Kharia</i>	163	S	zero		inan	

<i>Khuzestani Arabic</i>	164	A	alt	3	
<i>Khuzestani Arabic</i>	164	A	overt	1,2	other
<i>Khuzestani Arabic</i>	166	S	alt	3	
<i>Khuzestani Arabic</i>	166	S	overt	1,2	other
<i>Koiari</i>	167	A	overt		other
<i>Koiari</i>	167	A	zero		other
<i>Koiari</i>	169	P	alt	sg	
<i>Koiari</i>	169	P	overt	pl	other
<i>Koiari</i>	169	P	zero		other
<i>Koiari</i>	170	S	alt	pl	other
<i>Koiari</i>	170	S	alt	sg	other
<i>Koiari</i>	170	S	overt		other
<i>Koiari</i>	170	S	zero		other
<i>Kolyma Yukaghir</i>	172	A	alt	1,2	neg
<i>Kolyma Yukaghir</i>	172	A	alt	1,2	aff
<i>Kolyma Yukaghir</i>	172	A	alt	3	neg
<i>Kolyma Yukaghir</i>	172	A	alt	3	aff
<i>Kolyma Yukaghir</i>	172	A	overt	1,2	
<i>Kolyma Yukaghir</i>	174	S	alt	1,2	neg
<i>Kolyma Yukaghir</i>	174	S	alt	3	neg

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<i>Kolyma Yukaghir</i>	174	S	overt				aff
<i>Kotiria</i>	175	A	overt	1,2			
<i>Kotiria</i>	175	A	overt	3			
<i>Kotiria</i>	177	S	overt	1,2			
<i>Kotiria</i>	177	S	overt	3			
<i>Kunbarlang</i>	178	A	alt	1,2			
<i>Kunbarlang</i>	178	A	overt	1,2			
<i>Kunbarlang</i>	178	A	overt	3			
<i>Kunbarlang</i>	179	P	alt	1,2			
<i>Kunbarlang</i>	179	P	alt	3	anim		
<i>Kunbarlang</i>	179	P	alt	3	inan		
<i>Kurux</i>	181	A	alt	3			
<i>Kurux</i>	181	A	overt	1,2			
<i>Kurux</i>	183	S	alt	3			
<i>Kurux</i>	183	S	overt	1,2			
<i>Lango</i>	187	A	alt	3			
<i>Lango</i>	187	A	overt	1,2			absent
<i>Lango</i>	187	A	overt	1,2			present
<i>Lango</i>	188	P	alt	3	anim	default	present
<i>Lango</i>	188	P	alt	1,2		default	present

<i>Lango</i>	188	P	overt		preverbal/fronted	absent
<i>Lango</i>	188	P	zero	inan	not preverbal/fronted	other
<i>Lango</i>	189	S	alt	3		
<i>Lango</i>	189	S	overt	1,2		absent
<i>Lango</i>	189	S	overt	1,2		present
<i>Lopit</i>	191	P	overt	1,2		
<i>Lopit</i>	191	P	zero	3		
<i>Mapudungun</i>	193	A	overt		high	
<i>Mapudungun</i>	193	A	zero		low	
<i>Mapudungun</i>	194	P	overt		high	
<i>Mapudungun</i>	194	P	zero		low	
<i>Mapudungun</i>	195	S	alt	3		
<i>Mapudungun</i>	195	S	overt	1,2		
<i>Mauwake</i>	197	P	alt	3		default
<i>Mauwake</i>	197	P	overt	1,2		other
<i>Mauwake</i>	197	P	zero		inan	
<i>Mawng</i>	199	A	alt	1,2		default
<i>Mawng</i>	199	A	alt	1,2		other
<i>Mawng</i>	199	A	overt	3		other

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<i>Mawng</i>	200	P	alt	3	inan	other
<i>Mawng</i>	200	P	overt	1,2		other
<i>Mawng</i>	200	P	overt	1,2		default
<i>Mawng</i>	200	P	zero			other
<i>Menya</i>	209	P	alt			default
<i>Menya</i>	209	P	overt	1,2	high	other
<i>Menya</i>	209	P	overt	3	anim high	other
<i>Menya</i>	209	P	zero		inan low	
<i>Mian</i>	212	P	overt			other
<i>Mian</i>	212	P	zero			default
<i>Mian</i>	213	P	overt			other high
<i>Mian</i>	213	P	zero			default
<i>Mian</i>	214	P	overt			other
<i>Mian</i>	214	P	zero			default
<i>Mian</i>	215	S	overt			other
<i>Mian</i>	215	S	zero			default
<i>Mian</i>	217	S	overt			other
<i>Mian</i>	217	S	zero			default
<i>Mursi</i>	218	A	zero	3		
<i>Mursi</i>	219	P	overt	1,2		

<i>Mursi</i>	219	P	zero	3	
<i>Mursi</i>	220	S	overt		other
<i>Mursi</i>	220	S	zero		default
<i>Mursi</i>	221	S	alt	3	
<i>Mursi</i>	221	S	overt	1,2	
<i>NGT</i>	222	A	alt		other
<i>NGT</i>	222	A	zero		default
<i>NGT</i>	223	P	alt		other
<i>NGT</i>	223	P	zero		default
<i>NGT</i>	224	P	overt	1,2 pl	other
<i>NGT</i>	224	P	overt	1,2 sg	other
<i>NGT</i>	224	P	overt	3 pl	other
<i>NGT</i>	224	P	overt	3 sg	other
<i>NGT</i>	224	P	zero		default
<i>NGT</i>	225	P	alt		other
<i>NGT</i>	225	P	zero		default
<i>NGT</i>	226	S	alt		other
<i>NGT</i>	226	S	zero		default
<i>NGT</i>	227	S	alt		other
<i>NGT</i>	227	S	zero		default

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<i>Nandi</i>	229	P	overt	1,2		
<i>Nandi</i>	229	P	zero	3		
<i>Nandi</i>	230	S	overt		other	
<i>Nandi</i>	230	S	zero		default	
<i>Nganasan</i>	232	A	alt	3		
<i>Nganasan</i>	232	A	overt	1,2		
<i>Nganasan</i>	233	P	alt	3	pl	present
<i>Nganasan</i>	233	P	overt			absent
<i>Nganasan</i>	233	P	zero	1,2	sg	
<i>Nganasan</i>	234	S	alt	3		other
<i>Nganasan</i>	234	S	alt	3		default
<i>Nganasan</i>	234	S	overt	1,2		high
<i>Nganasan</i>	234	S	overt	1,2		low
<i>Nungon</i>	235	A	alt		pl	other
<i>Nungon</i>	235	A	alt		pl	default
<i>Nungon</i>	235	A	overt		sg	other
<i>Nungon</i>	235	A	zero			other
<i>Nungon</i>	237	P	overt			other
<i>Nungon</i>	237	P	zero			default
<i>Nungon</i>	238	P	alt	3		other

<i>Nungon</i>	238	P	overt	1,2		other
<i>Nungon</i>	238	P	zero			other
<i>Nungon</i>	239	S	alt		pl	other
<i>Nungon</i>	239	S	alt		pl	default
<i>Nungon</i>	239	S	overt		sg	other
<i>Nungon</i>	239	S	zero			other
<i>Oksapmin</i>	241	A	alt		sg	default
<i>Oksapmin</i>	241	A	overt		pl	other
<i>Oksapmin</i>	242	P	alt	3	low	default
<i>Oksapmin</i>	242	P	overt	1,2	high	other
<i>Oksapmin</i>	243	S	alt		sg	default
<i>Oksapmin</i>	243	S	overt		pl	other
<i>Onondaga</i>	245	P	alt	3	anim	
<i>Onondaga</i>	245	P	overt	1,2		
<i>Onondaga</i>	245	P	zero		inan	
<i>Palula</i>	247	A	overt	1,2		
<i>Palula</i>	247	A	overt	3		
<i>Palula</i>	248	P	overt	1,2		
<i>Palula</i>	248	P	overt	3		
<i>Sanzhi Dargwa</i>	250	A	alt	3		

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<i>Sanzhi Dargwa</i>	250	A	overt	1,2		
<i>Sanzhi Dargwa</i>	251	A	alt		other	
<i>Sanzhi Dargwa</i>	251	A	overt		other	
<i>Sanzhi Dargwa</i>	251	A	zero		other	
<i>Sanzhi Dargwa</i>	253	P	overt	1,2		
<i>Sanzhi Dargwa</i>	253	P	overt	3		
<i>Sanzhi Dargwa</i>	254	P	alt	1,2	other	aff
<i>Sanzhi Dargwa</i>	254	P	alt	1,2	other	neg
<i>Sanzhi Dargwa</i>	254	P	alt	1,2	default	aff
<i>Sanzhi Dargwa</i>	254	P	alt	1,2	default	neg
<i>Sanzhi Dargwa</i>	254	P	alt	3	other	aff
<i>Sanzhi Dargwa</i>	254	P	alt	3	other	neg
<i>Sanzhi Dargwa</i>	254	P	alt	3	default	aff
<i>Sanzhi Dargwa</i>	254	P	alt	3	default	neg
<i>Sanzhi Dargwa</i>	254	P	overt		other	
<i>Sanzhi Dargwa</i>	254	P	zero		other	
<i>Sanzhi Dargwa</i>	256	S	alt	1,2	default	
<i>Sanzhi Dargwa</i>	256	S	alt	1,2	other	
<i>Sanzhi Dargwa</i>	256	S	alt	3	default	
<i>Sanzhi Dargwa</i>	256	S	alt	3	other	

<i>Sanzhi Dargwa</i>	257	S	alt	1,2			other	aff
<i>Sanzhi Dargwa</i>	257	S	alt	1,2			other	neg
<i>Sanzhi Dargwa</i>	257	S	alt	1,2			default	aff
<i>Sanzhi Dargwa</i>	257	S	alt	1,2			default	neg
<i>Sanzhi Dargwa</i>	257	S	alt	3			other	aff
<i>Sanzhi Dargwa</i>	257	S	alt	3			other	neg
<i>Sanzhi Dargwa</i>	257	S	alt	3			default	aff
<i>Sanzhi Dargwa</i>	257	S	alt	3			default	neg
<i>Sanzhi Dargwa</i>	257	S	overt				other	
<i>Sanzhi Dargwa</i>	257	S	zero				other	
<i>Shawnee</i>	258	A	alt	1,2				
<i>Shawnee</i>	258	A	overt	1,2		high		indef
<i>Shawnee</i>	258	A	zero			low		def
<i>Shawnee</i>	259	A	alt	3		anim		
<i>Shawnee</i>	259	A	overt			high		
<i>Shawnee</i>	259	A	zero			inan	low	
<i>Shawnee</i>	260	P	alt	1,2				
<i>Shawnee</i>	260	P	alt	3		anim		
<i>Shawnee</i>	260	P	alt	3		inan		
<i>Shawnee</i>	260	P	overt	1,2		low		

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<i>Shawnee</i>	260	P	overt	1,2		high	
<i>Shawnee</i>	261	P	alt		anim		
<i>Shawnee</i>	261	P	overt			high	
<i>Shawnee</i>	261	P	zero	3	inan	low	
<i>Shawnee</i>	262	S	alt	3	anim		
<i>Shawnee</i>	262	S	overt	1,2		low	
<i>Shawnee</i>	262	S	zero			high	
<i>Shawnee</i>	263	S	alt	1,2			
<i>Shawnee</i>	263	S	alt	3	anim		
<i>Shawnee</i>	263	S	zero		inan		
<i>Sidamo</i>	267	A	alt	1,2			
<i>Sidamo</i>	267	A	zero	3			
<i>Sidamo</i>	269	A	alt	3			
<i>Sidamo</i>	269	A	overt	1,2			
<i>Sidamo</i>	270	P	alt		anim		present
<i>Sidamo</i>	270	P	overt				absent
<i>Sidamo</i>	270	P	zero		inan		
<i>Sidamo</i>	271	S	alt	1,2			
<i>Sidamo</i>	271	S	zero	3			
<i>Sidamo</i>	273	S	alt	3			

<i>Sidamo</i>	273	S	overt	1,2				
<i>South Efate</i>	275	P	alt	1,2		other		
<i>South Efate</i>	275	P	alt	1,2		default		
<i>South Efate</i>	275	P	alt	3		other		
<i>South Efate</i>	275	P	alt	3		default		
<i>South Efate</i>	275	P	overt				absent	
<i>South Efate</i>	275	P	zero				present	
<i>Southern Aymara</i>	277	A	alt		pl			
<i>Southern Aymara</i>	277	A	zero		sg			
<i>Southern Aymara</i>	278	A	overt	1,2				
<i>Southern Aymara</i>	278	A	overt	3				
<i>Southern Aymara</i>	279	P	alt		pl			
<i>Southern Aymara</i>	279	P	zero		sg			
<i>Southern Aymara</i>	280	P	overt	1,2				
<i>Southern Aymara</i>	280	P	overt	3				
<i>Southern Aymara</i>	281	S	alt		pl			
<i>Southern Aymara</i>	281	S	zero		sg			
<i>Southern Aymara</i>	282	S	alt	3				
<i>Southern Aymara</i>	282	S	overt	1,2				
<i>Tariana</i>	283	A	overt					aff
<i>Tariana</i>	283	A	zero					neg
<i>Tariana</i>	285	S	alt			other	high	

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<i>Tariana</i>	285	S	overt							aff
<i>Tariana</i>	285	S	zero				other	low		neg
<i>Turkish</i>	286	A	alt	3	inan		def			absent
<i>Turkish</i>	286	A	overt	1,2				high		
<i>Turkish</i>	286	A	zero				indef	low		present
<i>Turkish</i>	288	S	alt	3	inan		def			absent
<i>Turkish</i>	288	S	overt	1,2				high		
<i>Turkish</i>	288	S	zero				indef	low		present
<i>Udihe</i>	289	A	alt	3						
<i>Udihe</i>	289	A	overt	1,2						
<i>Udihe</i>	291	S	alt	3						
<i>Udihe</i>	291	S	overt	1,2						
<i>Upper Tanana</i>	292	A	alt	3			def	other		
<i>Upper Tanana</i>	292	A	overt	1,2			indef	default		
<i>Upper Tanana</i>	292	A	zero		inan					
<i>Upper Tanana</i>	293	P	alt		anim					
<i>Upper Tanana</i>	293	P	overt	1,2						
<i>Upper Tanana</i>	293	P	overt	3						
<i>Upper Tanana</i>	293	P	zero		inan					
<i>Upper Tanana</i>	294	S	alt	3			def	other		

<i>Upper Tanana</i>	294	S	overt	1,2		indef	default	
<i>Upper Tanana</i>	294	S	zero		inan			
<i>Wageman</i>	296	P	alt	3				
<i>Wageman</i>	296	P	overt	1,2				
<i>Wageman</i>	297	S	alt	3				
<i>Wageman</i>	297	S	overt	1,2				
<i>Welsh</i>	298	A	alt	1,2				present
<i>Welsh</i>	298	A	alt	1,2				absent
<i>Welsh</i>	298	A	alt	3				present
<i>Welsh</i>	298	A	alt	3				absent
<i>Welsh</i>	299	P	alt					absent
<i>Welsh</i>	299	P	alt					present
<i>Welsh</i>	300	S	alt	1,2				present
<i>Welsh</i>	300	S	alt	1,2				absent
<i>Welsh</i>	300	S	alt	3				present
<i>Welsh</i>	300	S	alt	3				absent
<i>Yakkha</i>	301	A	alt		pl			
<i>Yakkha</i>	301	A	alt		sg			
<i>Yakkha</i>	302	A	alt	3				aff
<i>Yakkha</i>	302	A	overt	1,2				

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<i>Yakkha</i>	302	A	zero				neg
<i>Yakkha</i>	303	P	alt	pl			
<i>Yakkha</i>	303	P	alt	sg			
<i>Yakkha</i>	303	P	overt	1,2			
<i>Yakkha</i>	303	P	overt	3			
<i>Yakkha</i>	303	P	zero	1,2			
<i>Yakkha</i>	304	P	alt	1,2			
<i>Yakkha</i>	304	P	alt	3			
<i>Yakkha</i>	304	P	overt		anim		def
<i>Yakkha</i>	304	P	zero		inan		indef
<i>Yakkha</i>	305	S	overt	pl			
<i>Yakkha</i>	305	S	zero	sg			
<i>Yakkha</i>	306	S	alt	1,2			
<i>Yakkha</i>	306	S	alt	3			
<i>Yakkha</i>	306	S	overt				aff
<i>Yakkha</i>	306	S	zero				neg
<i>Yauyos Quechua</i>	307	A	overt	1,2			
<i>Yauyos Quechua</i>	307	A	overt	3			
<i>Yauyos Quechua</i>	308	P	alt	3			
<i>Yauyos Quechua</i>	308	P	overt	1,2			

<i>Yauyos Quechua</i>	309	S	alt	3			
<i>Yauyos Quechua</i>	309	S	overt	1,2			
<i>Yeri</i>	310	A	alt	1,2		other	
<i>Yeri</i>	310	A	alt	3		other	
<i>Yeri</i>	310	A	overt			other	
<i>Yeri</i>	310	A	zero			other	
<i>Yeri</i>	311	P	alt	3		other	
<i>Yeri</i>	311	P	overt	1,2		other	absent
<i>Yeri</i>	311	P	zero		not preverbal/fronted	other	present
<i>Yeri</i>	312	S	alt	1,2		other	
<i>Yeri</i>	312	S	alt	3		other	
<i>Yeri</i>	312	S	overt			other	
<i>Yeri</i>	312	S	zero			other	
<i>Yimas</i>	313	A	alt	1,2	high		aff
<i>Yimas</i>	313	A	alt	1,2	high		neg
<i>Yimas</i>	313	A	alt	3	high		aff
<i>Yimas</i>	313	A	alt	3	high		neg
<i>Yimas</i>	313	A	zero		low		
<i>Yimas</i>	314	P	alt	1,2			
<i>Yimas</i>	314	P	alt	3			

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<i>Yimas</i>	314	P	overt	high	aff
<i>Yimas</i>	314	P	overt	high	neg
<i>Yimas</i>	314	P	zero	low	
<i>Yimas</i>	315	S	alt	1,2	
<i>Yimas</i>	315	S	alt	3	
<i>Yimas</i>	315	S	overt	high	neg
<i>Yimas</i>	315	S	overt	high	aff
<i>Yimas</i>	315	S	zero	low	