

**Appendix Table: Typological features across Niger-Kordofanian classificatory units**

	Lineage	Sentence word order	Noun phrase word order		“Noun classes”	“Verb extensions”	Major source(s)
			Genitive modifier	Other modifiers			
U6.A	Bantoid	S-V-O/S-AUX-O-V-X	HI	HI	YES	YES	Meeussen (1967); Watters (1989)
U6.B	Cross River	S-V-O/S-AUX-O-V-X	HI/ (HF)	HI	YES	(YES)	Faraclas (1989); Connell (1994)
U6.C	Kainji-Platoid	S-V-O/(S-AUX-O-V-X)	HI	HI	YES	YES	Gerhardt (1983, 1989)
U6.D	Igboid	S-V-O/S-AUX-O-V-X	HI	HI	NO	YES	Manfredi (1989); Emenanjo (1978)
U6.E	Idomoid	S-V-O/S-AUX-O-V-X	HI	HI	YES	?	Armstrong (1989)
U6.F	Nupoid	S-V-O/S-AUX-O-V-X	HF	HI	(YES)	NO	Hyman and Magaji (1970); Blench (1989b)
U6.G	Edoid	S-V-O	HI	HI	YES	YES	Elugbe (1983, 1989)
U6.I	Ukaan	S-V-O/S-AUX-O-V-X	HI	HI	YES	(YES)	Salfner (2009)
U6.J	<i>Oko</i>	S-V-O	HF	HI	NO	NO	Atoyebi (2010)
(U6.K)	Owon-Arigidi: <i>Arigidi</i>	S-V-O	HI	HF	NO	NO	Oshòdi (2011)
(U6.L)	Ayere-Ahan: <i>Ahan</i>	S-V-O/(S-AUX-O-V-X)	HI/ (HF)	HI	NO	?	Akanbi (2014); Ogunmodimu (2015)
U6.M	Yoruboid	S-V-O/S-AUX-O-V-X	HI	HI	NO	NO	Awobuluyi (1978)
U6.N	Gbe	S-V-O/S-AUX-O-V-X	HF	HI	NO	NO	Essegbey (2005)
U6.O	Ghana-Togo Mountain	S-V-O	HF	HI	YES	?	Kropp Dakubu and Ford (1988)
U6.P	Potou-Akanic	S-V-O/S-AUX-O-V-X	HF	HI	(YES)	NO	Dolphyne and Kropp Dakubu (1988)
U6.Q	Ga-Dangme	S-V-O/S-AUX-O-V-X	HF	HI	NO	NO	Kropp Dakubu (1988)
U6.R	Lagoon: <i>Abe</i>	S-V-O	HF	HI	NO	?	Kouadiou (1983: 29–38)
U6.S	<i>Ega</i>	S-V-O	HF	HI	YES	NO	Bolé-Richard (1983a, b)
(U7)	Dakoid: <i>Samba Daka</i>	S-V-O/S-AUX-O-V-X	HF	HI	NO	YES	Boyd (1996/97, 1999, 2004)
U8	Ijoid: <i>Izon</i>	S-O-V	HF	HF	NO	(YES)	Williamson (1965)
U9.A	Kru	S-V-O/S-AUX-O-V-X	HF	HI	YES	YES	Marchese (1983)
U9.B	<i>Siamou</i>	S-(AUX)-O-V-X	HF	HI	NO	NO	Prost (1964), Toews (2015: 17–75)
U10	<i>Pere</i>	S-V-O/S-AUX-O-V-X	HF	HI	NO	(YES)	Creissels (2010)
(U11.A)	Atlantic: Cangin	S-V-O/(S-AUX-O-V-X)	HI	HI	YES	YES	Wilson (1989)
(U11.B)	Mel: Temnic	S-V-O/(S-AUX-O-V-X)	HI	HI	YES	YES	Wilson (1989)
U11.C	<i>Gola</i>	S-V-O/(S-AUX-O-V-X)	HI/ (HF)	HI	YES	YES	Fachner (1994)
U11.D	<i>Limba</i>	S-V-O	HI	HI	YES	?	Berry (1958)
U11.E	<i>Sua</i>	S-V-O	HF	HI	YES	YES	Wilson (2007: 147–151)

U11.F	<i>Nalu</i>	S-V-O	HI	HI	YES	?	Wilson (2007: 131–134)
U11.G	Rio Nunez	S-V-O	HI	HI	YES	?	Wilson (2007: 135–137)
U12	Mande	S-AUX-O-V-X	HF	HI/ (HF)	NO	(YES)	Dwyer (1989); Vydrin (2012)
U13	Dogon	S-O-V	HF	HI	(YES)	YES	Heath and Prokhorov (2010); Heath et al. (2005–13)
U14	<i>Bangime</i>	S-V-O/(S-AUX-O-V-X)	HF	HI	NO	YES	Hantgan (2013)
U15.A	Central	S-V-O/(S-AUX-O-V-X)	HF	HI	YES	YES	Bendor-Samuel (1971); Naden (1989)
U15.H	Senufo	S-AUX-O-V-X	HF	HI	YES	(YES)	Carlson (1997)
U16.A	Tula-Waja: <i>Waja</i>	S-V-O	HI	HI	YES	YES	Kleinewillinghöfer (1990b, 1996b)
U16.B	Longuda	S-V-O	HI	HI	YES	YES	Jungrathmayr (1968/9); Newman (1978)
U16.E	Samba-Duru	S-V-O/(S-AUX-O-V-X)	HI/ (HF)	HI/ (HF)	YES	?	Boyd (1974: 52); Kleinewillinghöfer (2011a, 2012b)
U16.F	Mumuyic	S-V-O	HI/ HF	HI	NO	YES	Shimizu (1979: 29–32, 1983)
U16.H	Kebi-Benue	S-V-O	HI	HI	(YES)	YES	Boyd (1974: 52); Elders (2006)
U16.I	Kimic	S-V-O	(HI)/ HF	HI	NO	?	Mouchet (1954); Iberg (1990); Roberts (2009)
U16.J	Buaic	S-V-O/(S-AUX-O-V-X)	HI/ (HF)	HI	(YES)	(YES)	Tucker and Bryan (1966: 161–164); Boyeldieu (1985)
U16.K	<i>Day</i>	S-V-O	HI	HI	NO	?	Nougayrol (1979)
U16.N	<i>Fali</i>	S-V-O	HI	HI	NO	YES	Kramer (2014)
U17.A	Gbayaic	S-V-O	HI	HI/ (HF)	NO	YES	Moñino (1995)
U17.B	Zandic	S-V-O	HI/ (HF)	(HI)/ HF	NO	YES	Tucker and Bryan (1966: 141–160)
U17.C	Mbaic	S-V-O/(S-AUX-O-V-X)	HI	HI/ (HF)	YES	YES	Tucker and Bryan (1966: 108–140)
U17.D	Mundu-Baka	S-V-O	HI	HI/ (HF)	NO	NO	Tucker and Bryan (1966: 85–107)
U17.E	Ngbandic	S-V-O	HI	HI/ (HF)	NO	NO	Tucker and Bryan (1966: 85–107)
U17.F	Bandaic	S-V-O	HI	HI/ (HF)	NO	NO	Tucker and Bryan (1966: 85–107)
U17.G	Ndогоic	S-V-O	HI	HI/ (HF)	NO	NO	Tucker and Bryan (1966: 85–107)
U18.A	Heibanic	S-V-O	HI	HI	YES	YES	Tucker and Bryan (1966: 270–288)
U18.B	Talodic	S-V-O	HI	HI	YES	YES	Tucker and Bryan (1966: 270–288)
U18.C	<i>Lafofa</i>	S-V-O S-O-V	HI/ HF	HI/ HF	YES	?	Tucker and Bryan (1966: 270–288)
U18.D	Rashadic	S-O-V	HI/ (HF)	HI	(YES)	YES	Tucker and Bryan (1966: 289–299)
U19	Katlaic	S-V-O	HI	HI	NO	YES	Tucker and Bryan (1966: 262–9); Alamin (2009)

Notes: Frame = uncertain relationship to Niger-Congo; (U...) = data disregard portions of a lineage; HI = head-initial; HF = head-final; ? = no data; YES = present; NO = absent; (...) = restricted relevance