

## Interdialectal syntax comparison

Table 1 raw data

		CA	Mor	Mlt	Cai	Dms	Skh	Irq	AqArb	Glif	Ymn	Cyp	Nig	Nubi	Bux
1	V&S	VS	VS	SV	VS	VS	SV	VS	VS	SV	SV	VS	VS	SV	SV
2	V&O	VO	VO	VO	VO	VO	VO	VO	VO	VO	VO	VO	VO	VO	OV
3	N&A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA,AN	NA	NA	N---n- --A
4	N&G	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG,G N ---pro
5	N&Rel	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	RN
6	Prep/ Post	Prep	Prep	Prep	Prep	Prep	Prep	Prep	Prep	Prep	Prep	Prep	prep	Prep	Prep
7	N&Dem	Dem- -- DA- --N	Dem- -- DA- --N	Dem---DA- --N	DA---N- --dem	DemN	NDem	DemN	DemDA --- N	Dem--- DA---N	Dem N , NDe m	DemN	NDem	Ndem	DemN
8	def art	DA- --N (DA- --A)	DA- --N (da- --A)	DA---N(A or DA---A)	DA---N (DA--- A)	DA---N (DA--- A)	DA---N	DA- --N (DA- --A)	DA--- N(DA)A	DA---N	DA- --N	DA--- N(DA --- A),DA--- A---N	DA--- N(da- -- A)	NP---DA	no DA
9	morph marking of v arg cases	NOM, ACC	NoCase	lii---ACC	NoCase	NoCase	No Cas e	No Case	No Case	No Case	No Case ?	Acc. l--- Case ?	NoCas e, opt.A cc le---, fi	No Case	no case, o pt.AC C il- --
10	gen phrase gp gen particle gc	NG---gc	N gp- --G	NG,N---gp G	N gp---G	NG, N gp--- G	N---gp- -- G,NG	NG, N gp- --G	N---gp- --G daNdaG	NG, N- --gp--- G	NG (N- --gp --- G)	N---gp- --G, N- --pro---G	NG,N--- ---gp--- --G	Ngp---G	NG,N- -- gp- --G, GN- --

	gen case														Ppro
11	gramma tical gender	2Gnd	2Gnd	2Gnd	2Gnd	2Gnd	2Gnd	2Gnd	2Gnd	2Gnd	2Gnd	2Gnd	2Gnd	No Gnd	2Gnd
12	copula,	juxt.,	juxt.,	juxt.,pron.c	juxt.,	juxt.,	juxt	juxt.	pron.	juxt	juxt,p r	pron.	juxt.	juxt.,V	?

	V or other	pron.cop	pron.co p	op	particle<V cop	pron.cop			cop		on cop..	cop		(kan kun)	
13	existential, V or other	Vparticip le exist	Vexist	non V exist fih	nonVexist	nonV exist	Particle bi	particl e aku	particle exist	part fi	part fi	part fi	part fi exist	nonV exist,fi	Vexist
14	existential--- relational “have”	prep---pro	prep-- pro	Vhave kellu	prep---pro	prep---pro	prep---pro	prep-- pro	VhaveV-- possessor	prep'i nd--- pr0	Prep (l)---pro	prep (li)--- pro;past kallu	prep-- pro	V(end u,end u)	prep-- pro
15	TAM particles	no TAM suffix	preV TAM	no TAM	preV TAM	preV TAM	preV TAM	preV TAM	preV TAM	0,pref TAM bi rare	pref TAM	pref TAM	part--- n--- pro=p res/ha bit,b-- pres. ind	preV TAM or adv	pre.mi =pres. part+n +pro= perf
16	inflected auxiliary dominating inflected main V	NoAux	NoAux	kien	NoAux	NoAux	NoAux, ex kaan	NoAux , chaan	NoAux	NoAu x	NoA u x?	NoAux ex .kaan	No Aux	Aux kan,r u a	part aux dom. i nfl V
17	position of verbal negation	nV	nVn	nVn	nVn	nV	nV,nVn	nV	nV	nV	nVn	nV	nV	nV, sent final, variable	nV
18	V in comp clauses, inf or inflected	CompV	CompV	CompV	CompV	CompV	Comp V	Comp V	CompV	Comp V	Comp V	CompV	Comp V	Comp bareV	inf Comp
19	product	Vn	vn	Vn	vn	vn	vn?	vn	vn	vn?	vn	vn	vn	prod.v	prod.i

	ive inf/ non--- prod VN													n & inf	nf
20	V in coordin ate clauses: converb or fully inf lecte d V	full V	full V	full V	full V	full V	fullV	full V	fullV	full V	fullV?	fullV	fullV	bareV	full V (or part)
21	NP vs. VP coordin ation	same co NP/VP	same co NP/VP	same co NP/VP	same co NP/VP	same co NP/VP	same co NP/VP	same co NP/VP	same co NP/VP	same co NP/VP	same co NP/VP	same co NP/VP	Nhaw N,V0V	NmaN ,VwaV	NwN V0V ?
22	Rel marker	Rel Pro	Rel Pro	Rel Pro	Rel Pro	Rel Pro	Rel Pro	Rel Pro	Rel pro	Rel Pro		Rel Pro ta	Rel Pro	Rel pro	Rel pro,0
23	product ive active participl e	prod. ap	prod. ap	prod ap	prod. ap	prod. ap	prod ap	prod. ap	prod ap	prod ap	prod ap	prod ap	prod ap	no ap?	prod. ap
24	Q--- particle in yes/no Qs	QP--- initial	QP--- initial	no QP	no QP	no QP	postVQP- -- sh	no QP	no QP	no QP	no QP	no QP	QP--- final --- wa	noQ P,int o n only	QP--- final
25	wh--- position	wh--- initial	wh--- initial	wh---initial	wh---final	wh- initial	wh-initial	wh--- initial	wh--- initial	wh--- initial	wh--- initial, or post---V	wh--- initial	wh--- in situ	wh in situ	wh--- prever bal

Table 2 Interdialectal comparison of syntactic features

		Mor Mlt	Mor Cai	Mor Dms	Mor Skh	Mor Irq	Mor AqArb	Mor Glif	Mor Ymn	Mor Cyp	Mor Nig	Mor Nubi	Mor Bux
1	V&S	0	1	1	1	0	1	0	0	1	1	0	0
2	V&O	1	1	1	1	1	1	1	1	1	1	1	0
3	N&A	1	1	1	1	1	1	1	1	1	1	1	0
4	N&G	1	1	1	1	1	1	1	1	1	1	1	0
5	N&Rel	1	1	1	1	1	1	1	1	1	1	1	0
6	Prep/Post	1	1	1	1	1	1	1	1	1	1	1	1
7	N&Dem	1	0	1	0	0	1	1	1	1	0	1	1
8	def art	.5	1	1	1	1	1	1	1	.5	1	0	0
9	morph marking of V arg cases	0	1	1	1	1	1	1	1	0	1	0	1
10	gen phrase gp gen particle gc gen case	1	1	1	1	1	1	.5	.5	1	1	1	.033
11	grammatical gender	1	1	1	1	1	1	1	1	1	1	1	1
12	copula, V or other	1	1	1	1	1	1	1	1	.5	1	0	0
13	existential, V or other	0	0	0	0	0	0	0	0	0	0	1	1
14	existential---relational “have”	0	1	1	1	1	0	1	1	.5	1	0	1
15	TAM particles	0	1	1	1	1	0	1	1	1	1	0	0

16	inflected aux dominating inflectedmain V	1	1	1	0	0	1	1	1	0	1	1	0
17	position of verbal negation	1	1	0	1	0	1	1	0	0	0	0	0
18	V in comp clauses, inf or inflected V	1	1	1	1	1	1	1	1	1	1	0	0
19	productive inf/ non- -- prod VN	1	1	1	1	1	1	1	1	1	1	0	0
20	V in coordinate clauses: converb or fully inflected V	1	1	1	1	1	1	1	1	1	1	0	.5

21	NP vs. VP coordination		1	1	1	1	1	1	1	1	1	0	0	0
22	Rel marker		1	1	1	1	1	1	1	0	1	1	0	1
23	productive active participle		1	1	1	1	1	1	1	1	1	1	1	1
24	Q---particle in yes/no Qs		0	0	0	0	0	0	0	0	0	0	0	0
25	wh---position		1	0	1	1	1	1	1	1	1	0	0	0
	%shared		0.74	0.84	0.88	0.84	0.76	0.84	0.86	0.78	0.74	0.76	0.44	0.341
	1.4 root		.81	.88	.91	.88	.82	.88	0.90	.84	.81	.82	.56	.46
			Mor Mlt	Mor Cai	Mor--- Dms	Mor Skh	Mor irq	Mor AqArb	Mor Glf	Mor Ymn	Mor Cyp	Mor Nig	Mor Nubi	Mor Bux

Table 3 Interdialectal comparison of syntactic features, continued

		Mlt Cai	Mlt Dms	Mlt Skh	Mlt Irq	Mlt AqArb	Mlt Cyp	Mlt Glf	Mlt Ymn	Mlt Nig	Mlt nubi	Mlt Bux
1	V&S	0	0	0	1	0	0	1	1	0	1	1
2	V&O	1	1	1	1	1	1	1	1	1	1	0
3	N&A	1	1	1	1	1	1	1	1	1	1	1
4	N&G	1	1	1	1	1	1	1	1	1	1	.5
5	N&Rel	1	1	1	1	1	1	1	1	1	1	0
6	Prep/Post	1	1	1	1	1	1	1	1	1	1	1
7	N&Dem	0	1	0	1	1	1	1	.5	0	0	1
8	def art	.5	1	1	1	.5	1	.5	.5	.5	0	0
9	morph marking of V arg cases	0	0	0	0	0	1	0	0	.5	0	.25
10	gen phrase gp gen particle gc gen case	1	1	1	1	.5	.0	1	1	1	1	.67

11	grammatical gender	1	1	1	1	1	1	1	1	1	0	1
----	--------------------	---	---	---	---	---	---	---	---	---	---	---



12	copula, V or other	1	1	.5	.5	.5	.5	1	1	1	1	1
13	existential, V or other	1	1	0	0	1	1	1	1	1	0	0
14	existential--- relational "have"	0	0	0	0	0	1	0	0	0	1	0
15	TAM particles	0	0	0	0	0	0	.5	0	0	0	.5
16	inflected aux dominating inflected main V	1	0	1	1	1	1	1	1	0	.5	0
17	position of verbal negation	1	0	.5	0	0	0	0	1	0	0	0
18	V in comp clauses, inf or inflected V	1	1	1	1	1	1	1	1	1	0	0
19	productive inf/ non--- prod VN	1	1	1	1	1	1	1	1	1	0	0
20	V in coordinate clauses: converb or fully inflected V	1	1	1	1	1	1	1	1	1	0	1
21	NP vs. VP coordination	1	1	1	1	1	1	1	1	0	0	0
22	Rel marker	1	1	1	1	1	1	1	1	1	1	1
23	productive active participle	1	1	1	1	1	1	1	1	1	0	1
24	Q---particle in yes/no Qs	1	1	0	1	1	1	1	1	0	1	0

25	wh---position	0	1	1	1	1	1	1	.5	0	0	0
	%shared	0.74	0.76	0.68	0.78	0.74	0.82	0.84	0.82	0.6	0.46	0.44
	1.4 root	.81	.82	.76	.84	.81	.87	.88	.87	.69	.57	.56
		Mlt Cai	Mlt Dms	Mlt Irq	Mlt Irq	Mlt AqAr b	Mlt Cyp	Mlt Glif	Mlt Ymn	Mlt--- Nig	Mlt--- Nubi	Mlt Bux

Table 4 Interdialectal comparison continued

		Cai Dms	Cai Skh	Cai Irq	Cai Aq Ar b	Cai Cyp	Cai Glif	Cai Ymn	Cai Nig	Cai. nubi	Cai Bux
1	V&S	1	0	1	1	1	0	0	1	0	0
2	V&O	1	1	1	1	1	1	1	1	1	0
3	N&A	1	1	1	1	.5	1	1	1	1	1
4	N&G	1	1	1	1	1	1	1	1	1	.5
5	N&Rel	1	1	1	1	1	1	1	1	1	0
6	Prep/Post	1	1	1	1	1	1	1	1	1	1
7	N&Dem	0	1	0	0	1	0	.5	1	1	0
8	def art	1	1	1	1	.5	1	1	1	0	0
9	morph marking of V arg cases	1	1	1	1	0	1	1	.5	1	.5
10	gen phrase gp gen particle gc gen case	1	1	1	1	1	1	.5	1	1	.5
11	grammatical gender	1	1	1	1	1	1	1	1	0	1
12	copula, V or other	1	.5	.5	0	0	.5	.5	.5	1	1
13	existential, V or other	1	1	1	1	1	1	1	1	1	0
14	existential---relational "have"	1	1	1	0	1	1	1	1	0	1
15	TAM particles	1	1	1	1	1	.5	1	.5	1	.5
16	inflected aux dominating inflected main V	1	1	1	1	1	1	1	1	0	0
17	position of verbal negation	0	.5	0	0	0	0	1	0	0	0

18	V in comp clauses, inf or inflected V	1	1	1	1	1	1	1	1	0	0
19	productive inf/ non---prod VN	1	1	1	1	1	1	1	1	0	0
20	V in coordinate clauses: converb or fully inflected V	1	1	1	1	1	1	1	1	0	1

21	NP vs. VP coordination	1	1	1	1	1	1	1	0	0	0
22	Rel marker	1	1	1	1	1	1	1	1	1	1
23	productive active participle	1	1	1	1	1	1	1	1	0	1
24	Q---particle in yes/no Qs	1	0	1	1	1	1	1	0	1	0
25	wh---position	0	0	0	0	1	0	.5	0	0	0
	%retained	0.88	0.84	0.86	0.8	0.84	0.8	0.88	0.78	0.52	0.4
	1.4 root	.91	.88	.90	.85	.88	.85	.91	.84	.63	.52
		Cai D ms	Cai Skh	Cai Irq	Cai Aq Ar b	Cyp Cai	Cai Glfi	Cai Ymn	Cai Nig	Cai. nubi	Cai Bux

Table 5 Interdialectal comparison continued

		Dms Skh	Dms Irq	Dms AqArb	Dms Cyp	Dms Glfi	Dms Ymn	Dms Nig	Dms Nubi	Dms Bux
1	V&S	0	1	1	1	0	0	1	0	0
2	V&O	1	1	1	1	1	1	1	1	0
3	N&A	1	1	1	.5	1	1	1	1	1
4	N&G	1	1	1	1	1	1	1	1	.5
5	N&Rel	1	1	1	1	1	1	1	1	0
6	Prep/Post	1	1	1	1	1	1	1	1	1
7	N&Dem	1	1	1	1	0	.5	0	0	1
8	def art	1	1	1	.5	1	1	1	0	0
9	morph marking of V arg cases	1	1	1	0	1	1	1	1	.5
10	gen phrase gp gen particle gc gen case	1	1	.5	.0	1	1	1	1	.67
11	grammatical gender	1	1	1	1	1	1	1	0	1

12	copula, V or other	1	.5	.5	.5	1	1	1	1	1
----	--------------------------	---	----	----	----	---	---	---	---	---

13	existential, V or other	1	1	1	1	1	1	1	1	0
14	existential- -- relational "have"	1	1	0	.5	1	1	1	0	1
15	TAM particles	1	1	1	1	1	1	.5	1	.5
16	inflected aux dominating inflected main V	1	1	1	1	1	1	1	1	0
17	position of verbal negation	1	1	1	1	.5	0	1	.5	1
18	V in comp claus es, inf or inflected V	1	1	1	1	1	1	1	1	0
19	productive inf/ non- -- prod VN	1	1	1	1	1	1	1	0	0
20	V in coordinate clauses: converb or fully inflected V	1	1	1	1	1	1	1	1	1
21	NP vs. VP coordinatio n	1	1	1	1	1	1	0	0	0

22	Rel marker	1	1	1	1	1	1	1	1	1
23	productive active participle	1	1	1	1	1	1	1	0	1
24	Q---particle in	1	1	1	1	0	1	0	1	0

	yes/no Qs									
25	wh---position	1	1	1	1	1	.5	0	0	0
	%retained	0.96	0.98	0.92	0.84	0.86	0.88	0.82	0.62	0.49
	1.4 root	.97	.99							
		Dms Skh	Dms Irq	Dms AqAr	Dms Cyp	DmsGlif	Dms Ymn	Dms Nig	Dms nubi	Dms Bux

Table 6 Interdialectal comparison continued

		Skh Irq	Skh AqArb	Skh Cyp	Skh Glif	Skh Ymn	Skh Nig	Skh Nubi	Skh Bux	Irq AqArb	Irq Cyp	Irq Glif	Irq Ymn	Irq Nig	Irq Nubi	Irq Bux
1	V&S	0	0	0	1	1	0	1	1	1	1	0	0	1	0	0
2	V&O	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0
3	N&A	1	1	.5	1	1	1	1	1	1	.5	1	1	1	1	1
4	N&G	1	1	1	1	1	1	1	.5	1	1	1	1	1	1	.5
5	N&Rel	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0
6	Prep/Post	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	N&Dem	0	0	0	0	.5	1	1	0	1	1	1	.5	0	0	1
8	def art	1	1	.5	1	1	1	0	0	1	1	1	1	1	0	0
9	morph marking of V arg cases	1	1	0	1	1	.5	1	.5	1	0	1	1	.5	1	1
10	gen phrase: gp gen particle gc gen case	1	.25	.67	1	1	1	1	.67	.25	.5	1	1	1	1	.67
11	grammatical gender	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1
12	copula, V or other	1	0	0	1	.5	1	1	1	0	1	1	.5	1	1	1
13	existential, V or other	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0
14	existential---relational "have"	1	0	1		1	1	0	1	0	1	1	1	1	0	1
15	TAM particles	1	1	1	1	1	.5	1	.5	1	1	.5	1	.5	1	.5
16	inflected aux dominating inflected main V	1	1	1	1	1	1	0	0	1	1	1	1	1	0	0

17	position of verbal negation	.5	.5	.5	.5	.5	0	.25	.5	1	1	1	0	1	.5	1
18	V in comp clauses, inf or	1	1	1	1	1	1	0	0	1	1	1	1	1	0	0



	inflectedV															
19	productive inf/ non---prod VN	1	1	1	1	1	1	0	0	1	1	1	1	1	0	0
20	V in coordinate clauses: converb or fully inflected V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	NP vs. VP coordination	1	1	1	1	1	0	0	0	1	1	1	1	0	0	0
22	Rel marker	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	productive active participle	1	1	1	10.3	1	1	0	1	1	1	1	1	1	0	1
24	Q---particle in yes/no Qs	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0
25	wh---position	1	1	1	1	.5	1	0	0	1	1	1	.5	0	0	0
	%retained	0.86	0.75	0.73	0.75	0.88	0.8	0.57	0.47	0.89	0.92	0.94	0.86	0.8	0.54	0.51
	1.4 root															
		Skh- -- Irq	Skh--- AqArb	Cyp Skh	Skh Glif	Ymn Skh	Skh Nig	Skh nubi	Skh Bux	Skh Aq Arb	Irq Cyp	Irq Glif	Irq Ymn	Nig Irq	nubi Irq	Irq Bux

Table 7 Interdialectal comparison continued

		AqArb Cyp	AqArb Gulf	AqArb Ymn	AqArb Nig	AqArb Nubi	AqArb Bux	Cyp Glif	Cyp Ymn	Cyp Nig	Cyp Nubi	Cyp Bux
1	V&S	1	0	0	1	0	0	0	0	1	0	0
2	V&O	1	1	1	1	1	0	1	1	1	0	0
3	N&A	.5	1	1	1	1	0	.5	.5	.5	.5	.5
4	N&G	1	1	1	1	1	.5	1	1	1	1	.5
5	N&Rel	1	1	1	1	1	0	1	1	1	1	0
6	Prep/Post	1	1	1	1	1	1	1	1	1	1	1
7	N&Dem	1	0	.5	0	0	.5	1	.5	0	0	1
8	def art	1	1	1	1	0	0	1	.5	.5	0	0
9	morph marking of V arg cases	0	1	1	.5	1	1	0	0	0	0	.5
10	gen phrase gp gen particle gc gen case	.25	1	.5	.5	1	.15	.5	.5	.5	.5	.5

11	grammatical gender	1	1	1	1	0	1	1	1	1	0	1
12	copula, V or other	1	0	1	0	0	0	0	.5	.5	0	1

13	existential, V or other	1	1	1	1	1	0	1	1	1	1	0
14	existential---relational "have"	0	0	0	0	1	0	1	1	.5	0	1
15	TAM particles	1	1	1	.5	1	0	.5	1	.5	1	.5
16	inflected aux dominating inflected main V	1	1	1	1	0	0	1	1	1	0	0
17	position of verbal negation	1	.5	0	1	.5	1	1	.0	1	.5	1
18	V in comp clauses, inf or inflected V	1	1	1	1	0	0	1	1	1	0	0
19	productive inf/ non---prod VN	1	1	1	1	0	0	1	1	1	0	0
20	V in coordinate clauses: converb or fully inflected V	1	1	1	1	1	1	1	1	1	1	1
21	NP vs. VP coordination	1	1	1	0	0	0	1	1	0	0	0
22	Rel marker	1	1	1	1	1	.5	1	1	1	1	1
23	productive active participle	1	1	1	1	0	1	1	1	1	0	1
24	Q---particle in yes/no Qs	1	0	1	0	1	0	1	1	0	0	0
25	wh---position	1	1	.5	0	0	0	1	.5	0	0	0
	%retained	0.87	0.78	0.82	0.7	0.54	0.31	0.82	0.76	0.64	0.34	0.46
	1.4 root											
		AqAr Cyp	AqArb Glfi	AqArb Ymn	AqArb Nig	AqArb nubi	AqArb Bux---	Cyp Glfi	Cyp Ymn	Cyp Nig	Cyp Nubi	Cyp Bux

Table 8 Interdialectal comparison continued

		Glfi Ymn	Glfi Nig	Glfi Nubi	Glfi Bux	Ymn Nig	Ymn Nubi	Ymn Bux	Nig Nubi	Nig Bux	Nubi Bux
1	V&S	1	0	1	1	0	1	1	0	0	1
2	V&O	1	1	1	0	1	1	0	1	0	0
3	N&A	1	1	1	1	1	1	1	1	1	1
4	N&G	1	1	1	1	1	1	.5	1	.5	.5
5	N&Rel	1	1	1	0	1	1	0	1	0	0
6	Prep/Post	1	1	1	1	1	1	1	1	1	1
7	N&Dem	.5	1	0	1	.05	.5	.5	1	0	0
8	def art	1	1	0	0	1	0	0	0	0	0
9	morph marking of V	1	.5	1	.5	1	1	.5	.5	1	.5

	arg cases										
10	gen phrase gp gen particle gc gen case	1	1	1	.67	1	.5	.67	.5	.67	1
11	grammatical gender	1	1	0	1	1	0	1	0	1	0
12	copula, V or other	1	1	1	1	1	.5	1	1	1	1
13	existential, V or other	1	1	1	0	1	1	0	1	0	0
14	existential--- relational “have”	1	1	0	1	1	0	1	0	1	0
15	TAM particles	.5	.25	.5	.5	.5	1	.5	.5	1	.25
16	inflected aux dominating inflected main V	1	1	0	0	1	0	0	1	0	0
17	position of verbal negation	1	1	.5	1	1	0	0	.5	1	.5
18	V in comp clauses, inf or inflected V	1	1	0	0	1	0	0	0	0	0
19	productive inf/ non--prod VN	1	1	0	0	1	0	0	0	0	1
20	V in coordinate clauses: converb or	1	1	1	1	1	1	1	1	1	1

	fully inflectedV										
21	NP vs. VP coordination	1	0	0	0	0	0	0	1	1	1
22	Rel marker	1	1	1	1	1	1	1	1	1	1
23	productive active	1	1	0	1	1	0	1	0	1	0

	participle										
24	Q---particle in yes/no Qs	1	0	1	0	0	0	0	0	1	0
25	wh---position	.5	1	0	0	0	0	0	1	0	0
	%retained	0.94	0.83	0.56	0.55	0.78	0.5	0.47	0.6	0.57	0.43
	1.4 root										
		Ymn Gl f	Gulf Nig	Gl f nu bi	Gl f Bu x	Nig Ym n	nubi Ymn	Bux Ym n	Nig nub i	Nig Bux	Bux nub i

## Summary

dialect	Mlt	Mor	Cai	Dms	Skh	AqArb	Iraq	Gulf	Ymn	Nig	Cyp	Bux	Nubi	avg. shared
Mlt	0	74	74	76	76	74	78	84	82	60	82	44	46	65.38
Mor	74	0	84	88	84	84	76	86	78	76	74	46	44	68.77
Cai	74	84	0	88	84	80	86	80	88	78	84	40	62	71.38
Dms	82	88	88	0	96	92	98	86	88	82	84	49	62	76.54
Skh	76	82	84	96	0	75	86	75	88	80	73	47	57	70.69
AqA	74	80	80	92	75	0	89	78	82	70	87	31	54	68.62
Iraq	76	86	86	98	86	89	0	94	86	80	92	51	54	75.23
Gulf	84	86	80	86	75	78	94	0	94	83	82	55	56	73.31
Ymn	82	78	88	88	88	82	86	94	0	78	76	47	50	72.08
Nig	60	67	78	82	80	70	80	83	78	0	64	57	60	66.08
Cyp	82	74	84	84	73	87	92	82	76	64	0	46	34	67.54
Bux	44	54	40	49	47	31	51	55	47	57	46	0	43	43.38
Nbi	46	40	52	62	57	54	54	56	50	60	34	43	0	46.77
														66.6