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The Acquisition of Nairobi Swahili:

The Morphosyntax of Inflectional Prefixes and Subjects

A dissertation submitted in partial satisfaction of the requirements for the degree Doctor of Philosophy in Applied Linguistics

By

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List of	Tables			v	The Sy	yntax of S	wahili	32
List of	Figures.			vii	2.5		Subject Agreement versus Subject Pronoun	32
List of	Abbrevia	ations and Gloss	ses	vii		2.5.1	Keach (1995)	34
				viii		2.5.2	Additional arguments for agreement	36
Vita				X	2.6		Tense versus Auxiliary Verb	38
Abstra	ct			xi	2.7		Object Agreement versus Incorporated Pronoun	42
					2.8		The Tensed Clause	46
Chapt	er 1.				2.9		Null Subjects – null pro	49
Introd	luction			1	2.10		Subject Agreement Omission	52
1.1	The stu	ıdy		1		2.10.1	Imperatives	
1.2	Early I	Morphosyntacti	c Convergence	2		2.10.2	Infinitives	53
	1.2.1	The Frequen	cy of Omission	2		2.10.3	Habituals	54
	1.2.2	The Paucity	of Agreement Errors	3		2.10.4	Continuative Clauses	54
	1.2.3	Root Infinitiv	ves	4		2.10.5	Differences between Habituals and	
1.3	Acquis	sition of Bantu l	Languages	8			Continuatives	54
	1.3.1	Sesotho		8			2.10.5.1 Optionality of SA	55
	1.3.2	Siswati		10			2.10.5.2 Optionality of subjects	55
1.4	Other A	Agglutinative L	anguages	11			2.10.5.3 Embedding	55
	1.4.1	Quechua		12	2.11		[-SA] Clauses	57
	1.4.2	Inuktitut		13		2.11.1	Frequency of [-SA] Clauses	57
1.5	Organi	zation of the D	issertation	15		2.11.2	Tense in [-SA] Clauses	58
						2.11.3	Implicit Reference of [-SA]Clauses	58
Chapter 2.					2.11.4	Overt Subjects in [-SA] Clauses	58	
Morphosyntax of Swahili			16	2.12		Null Subjects in [-SA] Clauses	59	
Introd	uction			16	2.13		Rizzi's Null Constant	60
2.1	Basic I	Facts		17	2.14		Null Constants in Swahili	62
2.2	Phonol	logy		18		2.14.1	Accounting for [-SA] Characteristics	62
2.3	Noun (Classes		20		2.14.2	Identification in [-SA] Clauses	63
2.4	Verbal	Complex		21		2.14.3	Ariel (1990) and Gutman (1999)	65
	2.4.1	Subject Agre	ement	21	2.15		Conclusion	69
		2.4.1.1	Nairobi Swahili versus					
			Standard Swahili	22	Chapt	ter 3.		
		2.4.1.2	SA Omission	23	Metho	odology ar	nd Data	70
	2.4.2	Tense		24	3.0		Swahili data	70
	2.4.3	Negation		25	3.1		Children	70
	2.4.4	OA Marking		26	3.2		Data Collection	71
	2.4.5			27	3.3		Linguistic Measures	73
	2.4.6	Suffixes		28	3.4		Staging Criteria	73
	2.4.7	Final Vowel.		30	Appen	dix 3A	Adult Similarities	78
	2.4.8	Imperatives.		31	Appen	dix 3B	Codes used in Transcripts	80

Appen	dix 3C	Staging Data for each Child	82			
				Chapt	er 5.	
Chapt	er 4.			Subje	ct Omission and [-SA] clauses	126
Omiss	ion of Pro	efixes	85	5.0	Introduction	127
4.1		Introduction	85	5.1	Null Subject Accounts	128
4.2		Theories of language acquisition	86		5.1.1 Processing Limitations	128
	4.2.1	Metrical Omission Model (Gerken 1991)	86		5.1.2 Null subjects as PRO	129
	4.2.2	Truncation (Rizzi 1994)	89		5.1.3 Topic-drop	131
	4.2.3	Underspecification of Tense (Wexler 1994)	90			134
	4.2.4	Underspecification of Agr			` '	135
		(Clahsen et al. 1996	90	5.2	Adult Swahili	137
	4.2.5	ATOM			5.2.1 Swahili is a null subject language	138
		(Schütze & Wexler, 1996; Schütze 1997)	92			140
4.3		Predictions for Swahili	93			142
	4.3.1	Metrical Omission Model	93			144
	4.3.2	Truncation Hypothesis	95		· · · · · · · · · · · · · · · · · · ·	144
	4.3.3	Underspecification Theories	97	5.3		145
4.4		Results	99			146
	4.4.1	Attested Clause Types in child Swahili –			5.3.2 [-SA] clauses	147
		Overview	99		5.3.3 [-T] clauses	148
	4.4.2	A note about Object Agreement	102		5.3.4 Bare Stems	152
	4.4.3	Full Clauses	104		5.3.5 Summary	152
	4.4.4	[-SA] Clauses	105	5.4	Processing Revisited	153
	4.4.5	[-T] Clauses	107		5.4.1 Measuring Processing Load	153
	4.4.6	Bare Stems	110			154
	4.4.7	Tense Omission versus SA omission	112		5.4.3 Null Subjects as a result of Processing Limitations	155
	4.4.8	Summary	113		5.4.4 SA Omission as a result of Processing Limitations	155
4.5		Revisiting Acquisition Theories	114		5.4.5 Child Null Subjects as PRO	156
	4.5.1	Metrical Omission Model	114		5.4.6 Topic-Drop	157
	4.5.2	Truncation Hypothesis	115	5.5	Summary of the Chapter	157
	4.5.3	Underspecification of T	115	5.6	Conclusion and Future Research	159
	4.5.4.	Underspecification of Agr	115			
	4.5.5	ATOM	116	Refere	ences	162
4.6		Remaining questions	116			
4.7		Conclusion	118			
Appen		Missing Mood Vowel Utterances	119			
Appen		Root Infinitives	120			
Appen	dix 4C	Monthly numbers of omissions by child	122			
Appen	dix 4D	Subjunctives and their Interpretation	123			

List of Tables

Chapter 1					
Table 1.1	Summary of languages that allow RIs,		Table 2.10	Types of Applicative sentences in Swahili	29
	disallow RIs and allow bare verbs	1	Table 2.11	Contexts for use of final vowel	30
Table 1.2	Proportion of bare verbs in child English		Table 2.12	Summary of characteristics of habitual and	
	(Sano & Hyams, 1994)	3		continuative clauses	56
Table 1.3	Agreement errors in various languages		Table 2.13	Proportions of different clause types in adult Swahili	
	(Sano & Hyams, 1994)	3	Table 2.14	Person reference in [-SA] clauses with	
Table 1.4	Frequency of verbs in first person singular contexts			Overt and Null Subjects.	68
	(Harris & Wexler, 1996)	3		J	
Table 1.5	Frequencies of RIs in French and Swedish		Chapter 3.		
	(Sano & Hyams, 1994)	4	Table 3.1	Age ranges and number of recordings for each	
Table 1.6	RIs and finite verbs in the files of Simone			child	70
	(Behrens, 1993)	5	Table 3.2	Codes used in example (1)	
Table 1.7	Finiteness versus verb position in German		Table 3.3	Starting and Ending MLUs for all four children	
	(Poeppel & Wexler, 1993)	5	Table 3.4	Starting and Ending V ratios for the four children	
Table 1.8	Finiteness versus verb position in French		Table 3.5	Development of MPHs across time	74
	(Pierce, 1989)	6	Table 3.6	Proportion of MPHs on verbs	
Table 1.9	Null subjects in finite and non-finite clauses in		Table 3.7	Criteria for stages	
	several child languages (Rasetti, 2000)	6	Table 3.8	Criteria for assigning scores for the purpose of	
Table 1.10	Proportion of RIs in some non-RI languages			staging children	77
	(Sano & Hyams, 1994)	7	Table 3.9	Composite scores for the purpose of	
Table 1.11	Inflection dropping by Inuit children and adults			staging children	77
Table 1.12	Summary of languages that allow RIs,		Table 3.10	Composite scores for sections of Mustafa's corpus	
	disallow RIs and allow bare verbs	14	Table 3.11	Division of the Swahili Corpus by stage	
Chapter 2			Appendix 3A		
Table 2.1	Meinhoff's Noun Classification		Table 3A.1	Adult statistics from various files	78
14010 2.1	System	2.1	Table 3A.2	Correlation Coefficients for adults	
Table 2.2	Standard Swahili and Nairobi Swahili SA		14010 011.2	2011-2111-2111-2111-2111-2111-2111-211-2	
14010 2.2	morphology	23	Appendix 3B	1	
Table 2.3	Tense/aspect morphemes in Swahili		Table 3B.1	Table of codes	80
Table 2.4	Swahili Negation Paradigm		14010 32.1	Tuble of codes	00
Table 2.5	Standard and Nairobi Swahili Object Agreement	23	Appendix 3C	7	
14010 2.5	Paradigm for noun classes	26	Table 3C.1	Age, MLU, V Ratio and %MPH for Hawa	84
Table 2.6	Personal pronoun Object Agreement		Table 3C.2	Age, MLU, V Ratio and %MPH for Mustafa	
Table 2.7	Some root structures for Swahili verb roots		Table 3C.3	Age, MLU, V Ratio and %MPH for Fauzia	
Table 2.7	Monosyllabic verb roots and their citation forms		Table 3C.4	Age, MLU, V Ratio and %MPH for Hassan	
Table 2.9	Common Verbal Suffixes in Swahili		1 4010 30.4	1150, 11120, V Ratio and Juvii II for Hassail	0-
		_ ~			

Chapter 4.			Table 5.3	Null subjects in inflected <i>be</i> contexts	
Table 1.12	Summary of languages that allow RIs,			(Sano & Hyams, 1994)	130
	disallow RIs and allow bare verbs	85	Table 5.4	Overall proportion of Null subjects	
Table 4.1	Summary of possible INFL features for ATOM			(Sano & Hyams, 1994)	130
Table 4.2	Summary of Predictions		Table 5.5	Null and Overt subjects in finite contexts	
Table 4.3	Clause types in Hawa's files			(Phillips, 1995)	131
Table 4.4	Clause types in Mustafa's files		Table 5.6	Proportion of null subjects in declarative and	
Table 4.5	Clause types in Fauzia's files	100		wh- utterances at early stages from Adam and Eve	
Table 4.6	Clause types in Hassan's files			(Bromberg & Wexler, 1995)	132
Table 4.7	Frequencies of clause types, by stage	101	Table 5.7	Null and pronominal subjects in	
Table 4.8	Proportions of clause types, by stage	101		finite/non-finite wh- questions for Adam	
Table 4.9	Number of OA in each child's files	102		(Bromberg & Wexler, 1995)	132
Table 4.10	Total number of transitive clauses	102	Table 5.8	Null and pronominal subjects in	
Table 4.11	Total number of intransitive clauses	102		finite/non-finite wh- questions for Eve	
Table 4.12	Types/tokens of verbs expressing irrealis mood	116		(Bromberg & Wexler, 1995)	132
Table 4.13	Proportion of subjunctives to indicative verbs		Table 5.9	Proportion of null subjects in declaratives and wh-	
	in early stages and late	117		utterances at later stages from Adam and Eve	
				(Bromberg & Wexler, 1995)	133
Appendix 40	\mathbb{C}		Table 5.10	MLU, age, proportion of verbs and proportion of	
Table 4C.1	Monthly data for Hawa	122		overt subjects for Valian's American children	
Table 4C.2	Monthly data for Mustafa	122		(Valian, 1991)	134
Table 4C.3	Monthly data for Fauzia	122	Table 5.11	Proportion of verbal utterances and overt subjects for	
Table 4C.4	Monthly data for Hassan	122		Valian's Italian children (Valian, 1991)	135
			Table 5.12	Chinese and American Children's proportions of	
Appendix 41	D			null arguments	136
Table 4D.1	Total indicative, subjunctive and negative		Table 5.13	Overt and Null subjects in the speech of adults	139
	(final vowel) utterances by stage	123	Table 5.14	Proportions of different clause types in adult Swahili	143
Table 4D.2	Subjunctives by stage	123	Table 5.15	Overt subjects in [-T] clauses	146
Table 4D.3	Interpretation of children's indicative verbs	123	Table 5.16	Summary of clause types and "subject" options	146
Table 4D.4	Interpretation of bare indicative stems	124	Table 5.17	Overt and null subjects in child and adult Swahili	150
Table 4D.5	Interpretation of subjunctive verbs		Table 5.18	TP length in morphemes of full clauses with	
Table 4D.6	Summary of Swahili mood marking	125		overt and null subjects	156
Table 4D.7	Form-meaning contingencies	125	Table 5.19	Utterance length in [-SA] and full clauses	156
			Table 5.20	Summary of overt and null subject possibilities	
Chapter 5				in the four clause types	157
Table 5.1	Omission in obligatory contexts of subjects and		Table 5.21	Possible subjects with the four	
	objects (P. Bloom, 1991)	129		inflectional possibilities	158
Table 5.2	Null and Overt subjects in non-finite contexts		Table 5.22	Summary of compatibility of null elements	
	(Phillips, 1995)	130		and inflectional prefixes	158

List of Figures

Chapter 2	2100 01 11941 00			
Figure 2.1	Clause types in Adult Swahili	57	Figure 5.7	Overt subjects in child Full clauses,
Figure 2.1	Overt subjects in adult full clauses and [-SA] clauses		riguic 3.7	[-SA] clauses and [-T] clauses
riguic 2.2	Overt subjects in adult run clauses and [-5A] clauses	39	Figure 5.8	Overt subjects by Clause type
Chapter 3			Figure 5.6	Over subjects by Clause type
	Development of MDUs by age (daysland from			
Figure 3.1	Development of MPHs by age (developed from	75		List of Abbreviations and Glosses
	Veneziano & Sinclair, 2000)	13		List of Addreviations and Glosses
Appendix 3C			Appl	Applicative suffix
Figure 3C.1	MLU by child	82		Conditional Tense prefix
Figure 3C.2	V Ratio by child			Continuative Tense prefix
Figure 3C.3	%MPH by child			Future Tense Prefix
8	.,			Habitual Tense prefix
Chapter 4				Indicative final vowel
Figure 4.1	Overall proportions of clause types for each child	100		Infinitive prefix
Figure 4.2	Proportions of the four clause types in child stages			Locative noun suffix
C	and adults	102		Null constant
Figure 4.3	OA in transitive and intransitive clauses in Child			Negative final vowel
C	Swahili	103		Object Agreement prefix
Figure 4.4	OA in transitive and intransitive clauses in			Operator
C	Adult Swahili	103		Past Tense prefix
Figure 4.5	Tense Omission and SA Omission across stages			Perfect Completive Tense prefix
Figure 4.6	Overall frequency of subjunctives in early and late			Present perfect Tense prefix
C	stages	117		Present Tense prefix
				Reciprocal suffix
Appendix 4D				Subject Agreement prefix
Figure 4D.1	Subjunctives as a proportion of non-imperative verbs	123		Stative suffix
C				Subjunctive final vowel
Chapter 5				Tense prefix
Figure 5.1	Null subject proportions in Chinese children,			•
	American children and Chinese adults		Full Clause	A verbal complex containing at least
	(from Wang et al. 1992)	136		SA and T
Figure 5.2	Overt subjects in Swahili adult full clauses		[-SA] Clause	A verbal complex in which only SA
	and [-SA] clauses.	144		is missing
Figure 5.3	Overt subjects in child and adult Swahili		[-T] Clause	A verbal complex in which only T is
Figure 5.4	Subjects in child full clauses and all adult verbal			missing
Ş	utterances	147	Bare Stem	A verbal complex in which both SA
Figure 5.5	Overt Subjects in Full Forms and [-SA] Forms	147		and T are missing
Figure 5.6	Adult and child subjects and topics			C
2	J			

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ABSTRACT OF THE DISSERTATION

The Acquisition of Nairobi Swahili:
The Morphosyntax of Inflectional Prefixes and Subjects

by

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This study investigates the acquisition of inflectional prefixes in Swahili, an eastern Bantu language. The order of morphemes in adult Swahili is: Subject Agreement – Tense – (Object Agreement) – Verb Root – (derivational suffixes) – Mood Vowel. I present data from an original corpus of 4 Swahili-speaking children (ages 1;8-3;0) who were recorded in Nairobi, Kenya. An analysis of the children's verbal utterances reveals that four clause types occur in the speech of all four children, with omissions diminishing with maturity:

a.	Agr - T - Verb Stem	Full Clause
b.	\emptyset – T – Verb Stem	[-SA] Clause
c.	Agr - Ø - Verb Stem	[-T] Clause
d.	\emptyset – \emptyset – Verb Stem	Bare Verb Stem

Of these four, only full clauses and [-SA] clauses are permitted by adults in this non-standard dialect of Swahili (Deen, 2002). Furthermore, tense becomes obligatory earlier than subject agreement, the omission of which persists until the latest data points. The data support the Agr-Tense Omission Model (Schütze & Wexler, 1996) in showing that agreement and tense may be optionally and independently underspecified.

Interestingly, the omission of Agr and T has effects on the occurrence of overt subjects, suggesting that the omission is not purely phonological, but rather is of a syntactic nature. When full clauses occur, children allow overt subjects at approximately adult rates (Swahili being a null subject language, this rate is approximately 17%). In [-SA] clauses, overt subjects occur at significantly higher rates in both child and adult Swahili (~40%). In [-T] clauses, overt subjects are entirely unattested. This is expected if we assume that in the absence of T, children allow PRO subjects, as in adult infinitives. Surprisingly however, in bare stems (which are also missing T), overt subjects occur at approximately 12%. I provide an analysis that makes use of a null constant-anaphoric topic operator construction (Rizzi, 1992; 1997). I show that in both adult and child Swahili, this construction occurs in the absence of agreement. It is this anaphoric topic operator (and not a true subject) that occurs in both [-SA] clauses (adult and child) as well as child bare stems.