

# Analyzing Grammar

## An Introduction

PAUL R. KROEGER



# Contents

<i>Preface and acknowledgments</i>	<i>page xi</i>
<i>List of abbreviations</i>	<i>xiv</i>
1 Grammatical form	1
1.1 Form, meaning, and use	1
1.2 Aspects of linguistic form	2
1.3 Grammar as a system of rules	4
1.4 Conclusion	5
2 Analyzing word structure	7
2.1 Identifying meaningful elements	7
2.2 Morphemes	12
2.3 Representing word structure	14
2.4 Analyzing position classes	18
2.5 A typology of word structure	22
Exercises	24
3 Constituent structure	26
3.1 Ambiguity	26
3.2 Constituency	28
3.3 Hierarchy	32
3.4 Syntactic categories	33
3.5 Tree diagrams: representing the constituents of a clause	38
3.6 Pronouns and proper names as phrasal categories	44
3.7 Conclusion	46
Practice exercises	47
Exercises	47
4 Semantic roles and Grammatical Relations	51
4.1 Simple sentences and propositions	52
4.2 Arguments and semantic roles	53
4.3 Grammatical Relations	55
4.4 Adjuncts vs. arguments	58

4.5	“Indirect objects” and secondary objects	61
4.6	Conclusion	62
	Exercises	63
5	Lexical entries and well-formed clauses	66
5.1	Lexical entries	66
5.2	Argument structure and subcategorization	67
5.3	Properties of a well-formed clause	72
5.4	Uniqueness of oblique arguments	79
5.5	Zero-anaphora (“pro-drop”)	79
5.6	Further notes on English Phrase Structure	81
5.7	Conclusion	83
	Exercises	83
6	Noun Phrases	87
6.1	Complements and adjuncts of N	87
6.2	Determiners	89
6.3	Adjectives and Adjective Phrases (AP)	90
6.4	Possession and recursion	92
6.5	English NP structure (continued)	97
6.6	Conclusion	98
	Practice exercise	98
	Exercises	98
7	Case and agreement	102
7.1	Case	102
7.2	Agreement	111
7.3	Conclusion	118
	Exercises	119
8	Noun classes and pronouns	128
8.1	Noun classes and gender	128
8.2	Pronouns	135
	Exercises	143
9	Tense, Aspect, and Modality	147
9.1	Tense	147
9.2	Aspect	152
9.3	Perfect vs. perfective	158
9.4	Combinations of tense and aspect	161
9.5	Mood	163
9.6	Modality	165
9.7	Conclusion	168
	Exercises	169

---

10	Non-verbal predicates	173
10.1	Basic clause patterns with and without the copula	174
10.2	Existential and possessive clauses	180
10.3	Cross-linguistic patterns	181
10.4	A note on “impersonal constructions”	185
10.5	Further notes on the predicate complement (XCOMP) relation	187
10.6	Conclusion	189
	Exercises	190
11	Special sentence types	196
11.1	Direct vs. indirect speech acts	196
11.2	Basic word order	197
11.3	Commands (imperative sentences)	199
11.4	Questions (interrogative sentences)	203
11.5	Negation	211
11.6	Conclusion	214
	Practice exercise	214
	Exercises	215
12	Subordinate clauses	218
12.1	Coordinate vs. subordinate clauses	218
12.2	Complement clauses	220
12.3	Direct vs. indirect speech	224
12.4	Adjunct (or Adverbial) clauses	227
12.5	Relative clauses	230
12.6	Conclusion	240
	Practice exercise	241
	Exercises	241
13	Derivational morphology	247
13.1	Stems, roots, and compounds	248
13.2	Criteria for distinguishing inflection vs. derivation	250
13.3	Examples of derivational processes	253
13.4	Word structure revisited	259
13.5	Conclusion	265
	Practice exercise	265
	Exercises	266
14	Valence-changing morphology	270
14.1	Meaning-preserving alternations	271
14.2	Meaning-changing alternations	277
14.3	Incorporation	280
14.4	Conclusion	282

	Practice exercises	283
	Exercises	284
15	Allomorphy	288
	15.1 Suppletion	290
	15.2 Morphophonemic changes	292
	15.3 Rules for suppletive allomorphy	296
	15.4 Inflectional classes	297
	15.5 Conclusion	299
	Practice exercises	301
	Exercises	302
16	Non-linear morphology	304
	16.1 Non-linear sequencing of affixes	305
	16.2 Modifications of phonological features	307
	16.3 Copying, deleting, re-ordering, etc.	309
	16.4 Inflectional rules	312
	16.5 Conclusion	313
	Exercises	314
17	Clitics	316
	17.1 What is a “word?”	317
	17.2 Types of clitics	319
	17.3 Clitic pronouns or agreement?	325
	17.4 Conclusion	329
	Practice exercise	329
	Exercises	330
	Appendix: Swahili data for grammar sketch	334
	<i>Glossary</i>	341
	<i>References</i>	352
	<i>Language index</i>	360
	<i>Subject index</i>	362