

Towards subject-predicate agreement in Vera'a (Oceanic)

We investigate the choice between pronoun and zero anaphor for the expression of subjects in narrative texts from Vera'a (Oceanic; Schnell 2011, 2016). We relate this choice to a putative process of (re-)grammaticalisation of subject-predicate agreement typical of Oceanic languages (Ross 2004), whereby subject pronouns would eventually become the default referential choice, turning into agreement markers (Corbett 2003). This process interacts with older agreement morphology that has been reanalysed as exponents of tense, aspect, mood, polarity (TAMP) categories that have since deteriorated in morphological substance (François 2009). While 1st and 2nd person subjects are categorically expressed by a pronoun (Schnell 2018), we focus here on the alternation in 3rd person subjects. We exclude from this investigation full NPs, assuming that their use is relatively well explained in terms of accessibility theory (Ariel 1990) and related approaches to discourse structure.

Non-lexical 3rd person subjects are predominantly expressed by a pronoun too, but zero form is still attested in 26% of cases. A mixed-effect generalized linear regression model (Table 1) identifies six significant factors for the use of a pronoun, namely anaphoric distance and antecedent function, animacy and number, and form and agreement properties of co-present tense, aspect, mood, polarity (TAMP) morphology within the verbal predicate. Antecedent distance and function are relevant in restricting zero subjects largely to same-subject clause chains. Within this context, we find zero subjects to be most likely with singular subjects and prospective aspect, where subject agreement is co-expressed (unlike in any other TAMP category) by a formally unreduced marker, ex (1), in contrast to the respective plural form, ex (2), and many other high-frequency TAMP markers, ex (3).

Although our synchronic corpus investigation cannot provide any conclusive evidence for or against specific diachronic developments, our findings do square with the hypothesis of re-grammaticalizing subject-predicate agreement, so that pronouns are practically the default non-lexical form of expression, leaving zero anaphor only for those context where older agreement is co-present and formally fully transparent. Our findings suggest that a putative process of re-grammaticalizing subject agreement is spurred primarily by purely morphological changes (Barth & Kapatsinski 2017; Bybee & Thompson 2007) rather than functionally motivated (Givón 1976; Ariel 2000).

EXAMPLES

- (1) *gōsuwō ne kalraka ___ ne rōw lē =n nanara lumasag [...]*
 rat PROSP:3SG get.up PROSP:3SG jump LOC=ART tree.sp ontop
 ___ *ne rōw kal lumasag kēkē ___ ne sag 'i*
 PROSP:3SG jump up ontop high PROSP:3SG sit DEL

‘Rat got up, jumped ontop of the *nanara* (trunk), jumped up ontop and sat down there.’

GAQG.028

- (2) *duru =k kalraka duru =k tēk mē di so*
 3DU =PROSP:NSG get.up 3DU =PROSP:NSG speak DAT 3SG QUOT

‘Then they (two) got up and said to him:’

HHAK.117

- (3) *di =m sag sur suwō di =m kur sa =n gako wova'al ē*
 3SG =PRF sit down downwards 3SG =PRF gnaw EMPH =ART stalk pawpaw DEM3

‘He sat down and gnawed (through) that very pawpaw stalk.’

GAQG.078

TABLE 1. *Results of mixed-effects generalized linear regression*

Log likelihood: -575.5 AIC: 1173.1 BIC: 1230.8 Speaker variance: 0.28 ± 0.53

	Estimate	SE	Z	p
Intercept	-0.17	0.41	-0.42	0.67
Antecedent distance = 2+ clauses	1.74	0.31	5.63	0.00
Function of antecedent = object	0.10	0.37	0.27	0.79
Function of antecedent = other	1.51	0.33	4.55	0.00
Number = non-singular	1.25	0.29	4.35	0.00
Animacy = human	-0.83	0.34	-2.45	0.01
Animacy = inanimate	0.69	0.30	2.28	0.02
TAMP form = particle	0.54	0.22	2.44	0.01
TAMP person = no inflection	-1.24	0.37	-3.31	0.00
TAMP person marking by TAMP form = no inflection by particles	1.42	0.46	3.07	0.00

Note: Positive coefficients are associated with higher pronoun expression

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