

## Feeding agreement: Anti-locality in Crow applicatives of unaccusatives

**Introduction.** Crow (Siouan; Montana, USA) is a polysynthetic, head-final language that displays an active-stative agreement pattern. Subjects of active intransitives receive A-set agreement, bolded in (1), while stative subjects of intransitives receive B-set agreement, underlined in (2); the diagnostic of noun incorporation indicates that active intransitives are unergatives and stative intransitives are unaccusatives. (Note: *bíissshi* ‘tell a lie’ behaves exactly like other Crow stative intransitives.)

(1) **baa**-chiwakíi-k

1A-pray-DECL

‘I prayed’ (active intransitive/unergative)

(2) bii-wíissshi-k

1B-tell.lie-DECL

‘I lied’ (stative intransitive/unaccusative)

Benefactives in Crow are expressed with the applicative morpheme *-ku*. This morpheme may appear on unergatives and unaccusatives as in (3) and (4). In both constructions, A-set agreement is used to cross-reference the subject while B-set agreement refers to the applicative argument. Therefore, unlike simple unaccusatives, the theme in applicatives of unaccusatives controls A-set agreement.

(3) dii-**waa**-chiwaká-a-**wa**-ku-k

2B-1A-pray-JUNCT-1A-APPL-DECL

‘I prayed for you’

(4) dii-wíissa-a-**wa**-ku-k

2B-tell.lie-JUNCT-1A-APPL-DECL

‘I lied for you’

Following the typology of Pylkkänen (2008), I assume *-ku* is a high applicative, in which ApplP sits between above VP but below *v*P, since *-ku* may attach to unergatives. Therefore, we expect the theme argument in VP to be structurally lower than the applicative argument in ApplP. In this paper, I argue that in these applicative constructions, the highest argument is in fact the theme argument and the lowest argument is the applicative argument. In other words, theme arguments raises over applicative arguments. My claim is that in applicatives of unaccusatives, A-set agreement, which involves agreement with an argument in Spec*v*P, results from raising the theme into Spec*v*P. This is only possible because of an intervening projection, ApplP, and thus represents a case of generalized anti-locality as defined by Deal (2019:408): movement of a phrase from SpecXP must cross a maximal projection other than XP, as schematized in (5) with local and non-local A-movement.

(5) a. \* [*v*P X<sub>i</sub> [*v*P t<sub>i</sub> ]]

(✗ LOCAL A-MOVEMENT: *violates anti-locality*)

b. ✓ [*v*P X<sub>i</sub> [ApplP Y [*v*P t<sub>i</sub> ]]]

(✓ NON-LOCAL A-MOVEMENT: *subject crosses over ApplP*)

**Diagnosing applicatives of unaccusatives.** Determining the height of the arguments in applicatives of unaccusatives rests on three pieces of evidence. First, Crow has SOV word order and in applicatives of unergatives and unaccusatives, as in (6) and (7), overt DP subjects must precede applicative arguments, suggesting that subjects are structurally higher than applicative arguments. Second, *sapéen* and *sapée* ‘who’ have a nominative-accusative-like distribution: the former is used for subjects of all verbs (including unaccusatives) as well as their causativized counterparts, whereas the latter is used for all other arguments (e.g. objects of transitive verbs). In other words, *sapéen* must be used to refer to the highest argument of the clause. In applicatives of unaccusatives, *sapéen* can only be used to refer to the theme argument, but not the applicative argument, as in (6). Word order of nominals is flexible in these constructions and when *sapéen* follows the applicative argument, as in (7), it must still refer to the theme. Therefore, this diagnostic suggests that the highest argument in applicatives of unaccusatives is the theme argument, not the applicative argument.

(6) *sapéen* Taylor-sh bíiss-a-ku-?

who.SBJ Taylor-DEF tell.lie-JUNCT-APPL-Q

‘Who lied for Taylor?’

NOT ‘Who did Taylor lie for?’

(7) Logan *sapéen* bíiss-a-ku-?

Logan who.SBJ tell.lie-JUNCT-APPL-Q

‘Who lied for Logan?’

NOT ‘Who did Logan lie for?’

(8) L. baa-óossh-b-aa-wa-ku-k  
L. AP-cooked-1A-CAUS-1A-APPL-DECL

(9) baa-wíiss-a-wa-ku-k  
AP-tell.lie-JUNCT-1A-APPL-DECL

## ‘I lie for people’

(10) a. [CP [AspP [<sub>VP</sub> X<sub>i</sub> [ApplP Y [<sub>VP</sub> t<sub>i</sub> V] Appl] v] φ] C] (NON-LOCAL A-MOVEMENT)

b.  $[\text{CP } [\text{AspP } [\text{vP } \text{X}_i [\text{ApplP } \text{Y } [\text{VP } t_i \text{V } ] \text{Appl } ] \nu ] \varphi ] \text{C } ]$  (A-SET AGREEMENT)

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