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There is no Absolutive Case

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1 Introduction

This paper claims that absolutive case, an abstract case assigned to the intransitive subject (S) and transitive object (O), does not exist. Instead, ergative-absolutive languages fall into two classes. In one class, which I illustrate with Georgian (South Caucasian; data from Harris 1981, Hewitt 1987), “absolutive” is abstract nominative case assigned by T to S and O (cf. inter alia Murasugi 1992, Bittner 1994, Bittner and Hale 1996a,b, Ura 2001). In the other class, which I illustrate with Warlpiri (Pama-Nyungan, South-West, Ngarga), Niuean (Austronesian, Polynesian, Tongic; data from Massam to appear, Seiter 1980), and Enga (Trans-New Guinea, West-Central; data from Lang 1973, Li and Lang 1979, van Valin 1981), T assigns abstract nominative case to S and v assigns abstract accusative case to O; since these languages lack nominative and accusative case morphology, both nominative and accusative are realized as a morphological default = “absolutive”. I follow Woolford (1997), among others, in claiming that ergative is inherent case, licensed by v.

The proposed absolutive as morphological default languages require that the traditional distinction between abstract and morphological case must be maintained (contra Marantz 1991, and Bobaljik 2005). Although the distinction between morphological and abstract case is standardly assumed for nominative-accusative languages (like English), the relevance of this distinction has not been pursued for ergative-absolutive languages; instead, previous analyses assume that the syntax must assign the same case to S and O (see

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Section 2 provides evidence for the analysis from nonfinite clauses, other DP objects, and agreement. Section 3 provides additional evidence for the necessity of distinguishing morphological from abstract case in ergative-absolutive languages, examining case mismatch patterns in three Pama-Nyungan languages. Section 4 discusses the localization of the distinction between the two types of ergative-absolutive languages.

2 Absolutive as Nominative versus Morphological Default

2.1 Predictions for Nonfinite Clauses

In some languages, nominative case is assigned by both finite and nonfinite T (European Portuguese). In many other languages, however, abstract nominative case is dependent on finite T. Consider the predictions for ergative-absolutive languages in which nominative case is dependent on finite T. In an absolutive as nominative language, both absolutive case on S and absolutive case on O are nominative case licensed by finite T. Thus, neither will be available in nonfinite clauses. In an absolutive as morphological default language, in contrast, only absolutive case on S is abstract nominative case licensed by finite T; absolutive case on O is abstract accusative case licensed by v. Therefore, I predict that absolutive case on S will be unavailable, whereas absolutive case on O remains available, in nonfinite clauses.

Let us first consider the absolutive as morphological default languages. The prediction is borne out in Warlpiri. In Warlpiri, intransitive subjects cannot bear absolutive.¹ Instead, intransitive subjects bear dative:

(1) Kurdu ngaju-nyangu-лу paka-rnu, [ngaju-ku child 1sg-POSS-3pl.SUBJ hit-PAST [I-DAT
jarda-nguna-nja-rlarni.] sleep-lie-NONFIN-OBVC]
‘They hit my child, while I was asleep.’

¹In a corpus of 80000 sentences, I found no such examples. Simpson (1991:107) reports that rare examples are found, but that such examples are judged ungrammatical.
In contrast, transitive objects uniformly bear absolutive, and may not bear dative:

(2) Ngarrka-patu-rlu ka-lu-jana puluku
man-PAUC-ERG PRESIMPF-3pl.SUBJ-3pl.OBJ bullock
turnu-ma-ni, [karnta-patu-ku/karnta-patu-rlu
muster-NPAST [woman-PAUC-DAT/woman-PAUC-ERG
miyi/*miyi-ku purra-nja-puru.]
food.ABS/*food-DAT cook-NONFIN-TEMPC
'The men are mustering cattle while the women are cooking the food.'

Transitive subjects (A) may bear either ergative or dative:

(3) a. Kurdu-lpa manyu-karri-ja, [ngati-nyanu-rlu
child-PASTIMPF play-stand-PAST [mother-POSS-ERG
dig-NONFIN-OBVC]
'The child was playing, while his mother was digging (for something).’ (Laughren 1989:[44a])
b. Nyalali-rli ka warlu yarrpi-rni, [karnta-ku
girl-ERG PRESIMPF fire.ABS kindle-PAST [woman-DAT
kurdaru miyi yi-nja-rlarni.] child-DAT food.ABS give-NONFIN-OBVC
'The girl is building a fire, while the woman is giving food to the baby.’ (Hale 1982:[139b])

This pattern is exactly as predicted. In addition, dative case is available on A and S because nonfinite clauses in Warlpiri are nominalized (Simpson 1991; for example nonfinite verbs undergo both verbal and nominal reduplication patterns, and bear case suffixes), and the subjects of nominals receive dative case:

(4) [Karnta-ku jaja-ngku] ka
[woman-DAT maternal.grandmother-ERG] PRESIMPF
yumpa-rni
sing-NPAST
'The woman’s grandmother is singing’ (Laughren 2001, pc)

Like Warlpiri, Enga exhibits a distinction between the licensing of absolutive on S and absolutive on O in nonfinite clauses. Absolutive case is available for O in nonfinite clauses in Enga:
(5) akáli dokó-mé [dokusá dokó kánj-a-nya]
   man DET-ERG [doctor DET.ABS see-INF-DESID]
   más-f-á.
   think-PAST-3sg.SUBJ
   ‘The man wanted to see the doctor’ (L&L 319)

   However, absolutive Case is not available for S. To express an overt S, a
   finite complement clause must be used in place of the infinitival:

(6) namba-mé [émba Wápaka pú-p-f lá-o]
   I-ERG [you.ABS Wabag go-PAST-2sg utter-COMP]
   mási-ly-o
   think-PRES-1sg
   ‘I want you to go to Wabag’ (L&L 317)

The prediction cannot be tested in Niuean. In Niuean, nominative case
isn’t dependent on the finiteness of T; all cases are available in nonfinite (“sub-
junctive”) clauses:

(7) a. Kua kamata [ke hala he tama e akau]
   PERF begin [SBJV cut ERG child ABS tree]
   ‘The child has begun to cut down the tree’ (M [21])
   b. Maeke [ke nofo a Pita i Tuapa]
      possible [SBJV stay ABS Pita at Tuapa]
      ‘Pita can stay at Tuapa’ (M [19])

   Turning to Georgian, an absolutive as nominative language, we predict
   that if not all cases are available in nonfinite clauses, both absolutive on S
   and absolutive on O will not be available. This prediction is borne out. In
   Georgian, there are two relevant nonfinite verb forms: the nominalized verb
   (traditionally termed the “masdar”), and the infinitive (traditionally termed the
   “future participle in adverbial case”). The nominalized verb does not allow
   absolutive, either on S or O. Instead, S and O are marked genitive, while A
   appears as the complement of a postposition:

(8) a. [(monadir-is mier) datv-is mok’vla am t’qeši]
   [hunter-GEN by bear-GEN killing.NOM this woods.in]
   ak’rdzalulíia
   forbidden.it.is.1.2
   ‘Killing bears in this woods is forbidden’
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b. [tamad-is \(\text{damtknareba supraze}\) uzrdelobaa  
\(\text{[tamada-GEN yawning.NOM table.on]}\) rudeness.it.is.I.2  
‘It is rude for the tamada to yawn at the table’

Thus, the nominalized verb involves nominalization of the verb, which then combines with its arguments as a noun rather than a verb. This is in contrast to Warlpiri, in which nominalization at the verb phrase level, after the verb has combined with O (and optionally A) as a verb. The proposed analysis explains why Georgian cannot have Warlpiri-style nominalization at the verb phrase level: this would leave O without abstract case, since O is dependent on finite T for case.

Similar patterns obtain for the infinitive, which is used for purpose clauses with PRO subjects. Again, the object cannot appear with absolutive case, and instead must be marked as genitive:

(9) c’avedi t’qeši  \(\text{[datv-is mosak’lavad]}\)  
I.went.II.2 woods.in \(\text{[bear-GEN to.kill]}\)  
‘I went into the woods to kill a bear’ (H 155)

2.2 Prediction for Other DPs

The analysis also predicts a distinction between absolutive as nominative and absolutive as morphological default languages with respect to other DPs in the clause. In absolutive as nominative languages, absolutive is nominative case licensed by T and therefore limited to one DP in a clause, either S or O. In absolutive as morphological default languages, on the other hand, any DP bearing an abstract case feature that lacks a distinct morphological realization will be realized as the morphological default, hence absolutive. Here we consider specifically objects of postpositions and applicative objects (including the double object construction).

In Enga, the objects of postpositions bear ‘absolutive’, as do the objects in the double object construction:

(10) a. akáli dokó-mé \(\text{[énda kandaş]}\) pií  
man DET-ERG \(\text{[woman.ABS toward]}\) word.ABS  
le-ly-á-mo  
say-PRES-3sg.SUBJ-SP  
‘The man is telling something to the woman’ (L&L 318)
Similarly in Niuean, the object of (benefactive, comitative, instrumental) prepositions appear in “absolutive”, as do applicative objects:

(11) a. Ne tohitohi a Sione [aki e pene]
    PST writing ABS Sione [with ABS pen]
    ‘Sione is writing with a pen’ (M [8])
b. Gahua a au [ma e tagata kō]
    work ABS I [for ABS man that]
    ‘I work for that man there’ (S 36)

(12) Ne ahu aki e ia e akau e tau toa
    PST slay with ERG he ABS club ABS PL hero
    ‘He slayed the heroes with a club’ (M [14])

In Warlpiri, the prediction for applicative and postpositional objects is either borne out or cannot be tested. Double objects and applicative objects in Warlpiri receive dative case, which has a distinct morphological realization (-ku). Warlpiri lacks independent postpositions; however it exhibits “semantic case” morphemes, which may plausibly be considered suffixal postpositions. If so, their objects bear absolutive case: ngurra-kurra ‘camp.ABS-to’, ngarna-nguriu ‘plant.base.ABS-from’.

In Georgian, on the other hand, absolutive is nominative, and therefore limited to either S or O. Objects of postpositions, suffixal or independent, do not bear absolutive case, but instead bear dative, genitive, instrumental, or adverbial case: om-is semdeg ‘war-GEN after’, kalak-s-si ‘city-DAT-in’. The second object in a double object construction receives Dative:

(13) nino-m ācvena surateb-i gia-s
    Nino-ERG she.showed.him.it.II.2 pictures-NOM Gia-DAT
    ‘Nino showed the pictures to Gia’ (H 40)

In addition, Georgian exhibits split ergativity. Examples to this point have been in tense/aspect series II, including the aorist and the optative. In

\[\text{Although when the object of a benefactive or comitative preposition is a proper name, the absolutive is zero. This seems phonologically motivated for benefactives, although not for comitatives.}\]
tense/aspect Series I, which includes the present, future, imperfect, conditional present subjunctive, and future subjunctive, ergative is not assigned.

(14) a. glex-i tesavs simind-s Series I
    peasant-NOM he.sows.it.I.1 corn-DAT
    ‘The peasant is sowing corn’

b. glex-ma datesa simind-i Series II
    peasant-ERG he.sowed.it.II.1 corn-NOM
    ‘The peasant sowed corn’

Crucially only one absolutive case marked DP is possible in each clause. In Series I, A bears absolutive, so O cannot. Instead, O receives structural dative case from v.

2.3 Interaction with Agreement

Consider the interaction between case marking and agreement in the two types of ergative-absolutive languages. Cutting across the two types is an independent parameter of variation: in some languages, inherent case may trigger agreement, whereas in other languages inherent case may not trigger agreement. In absolutive as morphological default languages, if the inherent case-marked A may trigger agreement, both A (ergative) and S (nominative, realized morphologically by absolutive) will trigger subject agreement. O may either trigger no agreement, or may trigger distinct object agreement. This A/S subject agreement pattern is found in Warlpiri and Enga. In Warlpiri, A and S trigger subject agreement, and O triggers distinct object agreement:

(15) a. Ngajulu-rlu-rna-ngku nyuntu nya-ngu
    I-ERG-1sg.SUBJ-2SG.OBJ you.ABS see-NPAST
    ‘I saw you’

b. Ngaju-rna parnika-ja
    LABS-1sgSUBJ run-PAST
    ‘I ran’

c. Nyuntu-rlu-npa:ju ngaju nya-ngu
    you-ERG-2sgNOM-1sgOBJ LABS see-NPAST
    ‘You saw me’

In Enga, A and S trigger subject agreement; O does not trigger agreement.

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3In fact, the variation is more fine-grained in that different inherent cases may behave differently in a single language.
(16) a. namba-mé énda dóko mená dóko
   I-ERG woman DET.ABS pig DET.ABS
   ma-i-y-6
   give-PAST-1sg.SUBJ
   ‘I gave the pig to the woman’ (L&L 312)

b. nambá p-e-6
   I.ABS go-PAST-1sg.SUBJ
   ‘I went’ (L&L 317)

c. akáli dokó-mé mená dóko namba-nya
   man DET-ERG pig DET.ABS
   sambe-k-e-á
   buy-BEN.INCL-PAST-3sg.SUBJ
   ‘The man bought the pig for me.’ (L&L 312)

In a morphological default language in which the inherent case marked A may not trigger agreement, only S triggers subject agreement. This pattern is found in Niuean.4

(17) a. Nofo agaia nakai e matua fiíne haau i Mutalau?
   live still Q ABS parent female your in Mutalau
   ‘Does your mother still live in Mutalau (village)?’

b. No-nofo agaia nakai e tau ma-matua haau i Mutalau?
   PI-Aive still Q ABS PL PL-parent your in Mutalau
   ‘Do your parents still live in Mutalau (village)?’ (S 62)

c. Mate tuai a ia.
   die PERF ABS she
   ‘She’s dead’

d. Ma-mate tuai a laua
   PL-die PERF ABS they.DUAL
   ‘They are dead’ (S 62)

(18) a. Moua oti e maua mo Sione e tau mata afi
   get all ERG we.DUAL.EXCL with Sione ABS PL piece fire
   ‘Sione and I have already won all the matches’ (S 67)

b. Volu nakai he tau fíinau e fuai niu?
   grate Q ERG PL children ABS fruit coconut
   ‘Are the children grating (the fruit of the) coconut?’ (S 70)

4The agreement facts in Niuean are complicated by the existence of lexical exceptions; Seiter (1980) reports two verbs that allow agreement with A, and a small class of verbs that allow agreement with O (he provides two). See that work for details.
In absolutive as nominative languages, if the inherent case marked A cannot trigger agreement, “absolutive agreement” results, subject agreement triggered by S and O. If the inherent case marked A can trigger subject agreement, then T enters into two relationships in a transitive clause, one with A and one with O (which it assigns nominative case). Georgian is of this latter type, T agreeing with both A and O. The A and O features compete for morphological realization across a prefix and suffix position (for discussion see e.g. Anderson 1992, Halle and Marantz 1993, Stump 2001; also McGinnis 2001, Trommer 2002).

(19) ‘draw’ aorist

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Notice, for example, that the prefix position realizes object agreement features of 1st and 2nd person objects, but subject agreement features with 3rd person objects. A preliminary analysis of these agreement morphemes follows: 1pl Obj ← gv-, 1sg Obj ← m-, 2 Subj ← ø-, 2 Obj ← g-, 1 Subj ← v-, 3 pl Subj ← -es, pl ← -t.

3 Split Ergativity in Pama-Nyungan

Pama-Nyungan languages commonly show split ergativity based on nominal-type; thus certain nominals inflect according to an ergative-absolutive pattern, while others show a nominative-accusative pattern. I claim that abstract case assignment is uniformly ergative on A, nominative on S, and accusative on O; only the morphological realization of these abstract cases varies across nominal types.

In Djapu (Pama-Nyungan, Yuulngu; data from Morphy 1983), human and higher animates inflect on an ergative-nominative-accusative pattern, pronouns inflect on a nominative-accusative pattern, and other nominals inflect on an ergative-absolutive pattern, including wh-words (except yol “who”), determiners/demonstratives, lower animates, and inanimates. All elements of a DP, whether continuous or discontinuous, must be marked for case, and these must
all match in case.

(20) a. rdaykun-garri-nyara-y nganapurr
    sun-enter-NMLSR-TEMP we.EXCL.NOM
    ganggathi-rr-ny ngula-ngur Gurrumuru-ngur
    get.up.and.go-UNM-PRO there-ABL Gurrumuru-ABL
    ‘We left Gurrumuru at sunset’ (39)
b. bala ngayi ga:rri-nya-mara-m birrka’mirr
    then he.NOM enter-NMLSR-CAUS-UNM anything.ABS
    rdung’rtung ngurikal-yi yolngu-wal
    palpitating.ABS that.OBL-ANAPH person-OBL
    ‘Then he puts some other palpitating thing into that person’ (40)
c. djamarrkurli’ Milyin-gu nhina-’nhina ngunha
    children.ABS Milyin-DAT sit-REDUP.UNM that.LOC
    gali’-ngur
    side-LOC
    ‘Milyin’s children are sitting over there’ (43)

However, the combination of a demonstrative (ergative-absolutive), and a
human noun (ergative-nominative-accusative) results in case mismatches:

(21) a. wungay’ maritji-nya ngunhi-ny-dhi
    honey.ABS go-PAST.NONINDIC that.ABS-PRO-ANAPH
    yolngu-n wapiri
    person-ACC stingray-spear.PL-NMLSR-INHAB-ACC-PRO
    warriju-na-puyngu-nha-ny weka-nha
    give-PAST.NONINDIC
    ‘We would go and give honey to those people who were spear­
ing stingrays [lit ‘to those stingray-spearing people’]’ (Morphy
    1983:110)
b. ngayi ngunhi nganya nguli buthuwa-ny
    he.NOM THAT him.ACC IRREAL give.birth.to.UNM-PRO
    ngunhi-yi yutjuwala-n
    that.ABS-ANAPH small-ACC
    ‘…when it gives birth to the small one’ (129)
c. dhuwa nhe yurru lili dha:parng rongiyi-rr
    this.ABS you.NOM FUT HITHER unsuccessful return-UNM
    ‘YOU will return empty handed [but not I]’ (84)

Thus, ngunhi-ny-dhi yolngu-n ‘that person’, for example, illustrates abso­
lutive as a morphological default for a subsection of the Dja:pu grammar:
the demonstratives. For the realization of 'person [Accusative]', the morphology provides a case-invariant realization of 'person' yolngu, and an accusative suffix for human nouns -nha (which contrasts with for example the ergative -dhu, the dative -gu, and the ablative -galngur). For the realization of 'that [Accusative]', the morphology provides no accusative form (although it does provide for example an ergative form nguringi, a dative form nguriki, and an ablative form ngurikalangungur). Thus, the morphological default ("absolutive") ngunhi is inserted.

Similar data obtains in Kugu Nganhcara (Pama-Nyungan, Middle Paman, Smith and Johnson 2000), and Margany (Pama-Nyungan, Marie, Breen 1981). These differ from Djapu in that no nominal type has morphological realizations for all three of ergative-nominative-accusative. However, case mismatches again indicate that all three are indeed assigned. These case mismatches result from the combination of pronouns, which inflect on a nominative-accusative paradigm, and nouns/adjectives/demonstratives, which inflect on an ergative-absolute paradigm.

(22) Case Mismatches in Kugu Nganhcara

a. nhi-la pukpe-ng nhu-nha kuyu yuku
   3sg-NOM child-ERG 3sg-ACC woman.ABS thing
   muka-ng-nha peka
   stone-ERG-3sgACC throw.at
   ‘The child threw a stone at the woman’ (390)

b. nhi-la pama-ng nhi-ngu pukpe-wu ku’a waa-ngu
   3sg-NOM man-ERG 3sg-DAT child-DAT dog give-3sgDAT
   ‘The man gave a dog to the child’ (401)

(23) Case Mismatches in Margany

a. matya ngaya balga-nganda-la yurdi,
   before 1sg.NOM hit-HAB-PAST meat/animal.ABS
   nhanga-nggu young-ERG
   ‘I used to kill a lot of kangaroos when I was young’ (307, 336)

b. gurruny-duy ngaya dhumba-nhi
   alone-ERG 1sg.NOM build-RecPast
   ‘I built it on my own’ (342)

c. nhuwa nhula dhana-li-nhi gubaguba,
   that.ABS 3sg.NOM stand-PROX-PRES old.man.ABS
   wawungga behind.ABS
   ‘That man behind us is very old’ (321)
4 Localization

Finally, I would like to consider the localization of the distinction between absolutive as nominative languages and absolutive as morphological default languages. I propose that the distinction be placed within the lexical entries of the v head that introduces the external argument (cf. Bowers 1993 PredP, Chomsky 1995, Collins 1997 TrP, Kratzer 1996 VoiceP, Marantz 2001). Absolutive as morphological default languages exhibit two v: (i) \( v_{\text{TRANS}} \) assigns a \( \theta \)-role to the thematic subject, assigns inherent ergative case to the thematic subject, licenses structural accusative case, and combines with a transitive verb; (ii) \( v_{\text{INTRANS}} \) assigns a \( \theta \)-role to the thematic subject, and combines with an intransitive verb. Absolutive as nominative languages have the same \( v_{\text{INTRANS}} \), but their \( v_{\text{TRANS}} \) is different in that it does not license structural accusative case. Georgian exhibits an additional \( v_{\text{TRANS}} \) used in tense/aspect series I, which assigns a \( \theta \)-role to the thematic subject, licenses structural dative case, and combines with a transitive verb.

5 Conclusion

In this paper, I have argued that ergative-absolutive languages should be classified into two distinct classes, one in which absolutive corresponds to structural nominative, and the other in which absolutive is a morphological default disguising structural nominative on S and structural accusative on O. One result of this analysis is that absolutive as an abstract case may be eliminated. More crucially, the analysis of absolutive as morphological default languages requires the existence of both morphological and abstract case, and requires that morphological case be an imperfect realization of abstract case, this realization dependent on the morphological resources of the language.

References

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