Abstract We consider the typology of attested Ā-extraction asymmetries between core argument DPs and argue that an Ā-probe can be required to specifically target the closest accessible DP. Such an Ā-probe specification is part of the influential Aldridge 2004, 2008 analysis of syntactically ergative extraction restrictions, but has not been widely adopted outside of work on ergative languages. We argue that restricted probing of this form underlies subject-only extraction behaviors in a number of non-ergative languages, including some of those in Keenan and Comrie’s (1977) typology of relativization asymmetries. We offer a concrete proposal for this form of Ā-probing and discuss further details of its implementation.

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1 Introduction

A central concern of syntactic theory is how non-local dependencies are formed, and how they are constrained. Since Chomsky 2000, 2001, much of this work has been fruitfully discussed in terms of probes and their specifications. Probes initiate a search for a goal that matches a particular feature specification, to Agree with or to Move. This paper contributes to the question of the possible feature specifications and behaviors of probes that trigger Ā-movement.

For example, we may describe wh-movement in a language like English as involving C probing for the closest [WH] constituent (see e.g. Rizzi, 1990). This allows for wh-movement of the embedded subject in (1a) or the embedded object in (1b); in either case, the moved goal is the closest constituent with a [WH] feature. Intervening non-wh constituents are ignored. When there are multiple potential goals accessible to the probe, the structurally closest goal is chosen, as reflected in the contrast in (1c).

(1) Ā-probing for the closest [WH] goal:

a. C[PROBE:WH] you expect who to eat the sandwich ⇒
   Who do you expect ___ to eat the sandwich?

b. C[PROBE:WH] you expect Sara to eat what ⇒
   What do you expect Sara to eat ___?

c. C[PROBE:WH] you expect who to eat what ⇒
   Who do you expect ___ to eat what?
   *What do you expect who to eat ___?

Concretely, we adopt the definition for “closest” in (2):

(2) Closest:

A potential goal G for probe P is closest if no other potential goal for P c-commands G.

There are, however, languages with much stricter restrictions on Ā-extraction, such that only particular types of arguments can be Ā-extracted. Aldridge 2004, 2008 develops one influential approach to the analysis of so-called syntactic ergativity, narrowly defined as a ban on the Ā-extraction of transitive subjects. (See Deal 2015a, 2016 and Polinsky 2017 for recent overviews
and discussion.) One component of Aldridge’s analysis is a claim that Ā-probing can be restricted as in (3):

(3) Ā-probing for the closest DP:

An Ā-probe can be specified to target the closest accessible DP.

Combined with a commonly adopted approach to the clause structure of a sub-type of ergative languages, a probe of this type will necessarily target absolutive arguments. Ā-probing of the form in (3) has been adopted for the analysis of Philippine-type Austronesian languages, for which the analysis was developed, as well as for similar extraction restrictions in Mayan languages in more recent work (Levin, 2018; Coon, Baier, and Levin, 2020). However, probing of this form has not been commonly invoked in the analysis of non-ergative languages, leading to an impression by some that probing of this form is a special property of ergative languages — just as it has been claimed that syntactically ergative extraction restrictions exist but syntactically accusative ones do not.

In this paper, we argue that the Ā-probing for the closest DP (3) is indeed attested in the grammars of non-ergative languages, manifest in extraction constructions with apparent subject-only restrictions. In particular, Ā-probing for the closest DP makes accurate predictions for apparent exceptions to subject-only extraction restrictions: for example, even in a language where subjects are frequently the highest DP in a clause, if the language has a strategy for raising a non-subject DP to a higher position, it may feed the restricted extraction. We conclude that Ā-probes indeed can be specified to necessarily target the closest DP, as proposed by Aldridge, and that such Ā-probes are not limited to ergative languages.

After reviewing the motivation for this conjecture as part of the analysis of syntactic ergativity in section 2, we formalize this mode of probing and present two novel arguments for it from relativization in Turkish and Rejang in section 3. In section 4, we then review and highlight relevant results from the Keenan and Comrie 1977 et seq typology of relativization and related subsequent work, which serves to motivate and contextualize the current work. Finally, we argue that this restriction on Ā-probing to the closest DP must be a specification on individual probes, rather than a language-level or construction-level parameter in section 5 and conclude in section 6.
2 Syntactic ergativity via Ā-probing for the closest DP

We begin by reviewing Aldridge’s (2004, 2008) analysis for syntactic ergativity in so-called “Philippine-type” Austronesian languages, such as Tagalog. Philippine-type languages are verb-initial with case marking patterns which can be analyzed as exhibiting ergative-absolutive alignment. Among core arguments of the verb, these languages allow only for Ā-extraction of the absolutive DP:

(4) Absolutive-only extraction restriction in Tagalog: (Henrison Hsieh p.c.)

a. tela=ng [b<in>ili ng bata]  
cloth=LK <PRF>buy ERG child  
‘cloth that the child bought’

b. *bata=ng [b<in>ili ang tela]  
child=LK <PRF>buy ABS cloth  
‘child who bought cloth’

Aldridge’s theory for this extraction restriction is one specific instantiation of what Deal 2016 refers to as the “standard theory of syntactic ergativity,” narrowly referring to the absolutive-only extraction restriction. The shared intuition of these proposals is that transitive objects (O) canonically occupy a structural position above that of transitive subjects (A). For Aldridge, in a transitive clause with two core arguments, an agent and theme, the theme will move to an outer specifier of vP. The agent is base-generated as the inner specifier of DP. See (5). The verb is ultimately pronounced higher, preceding its arguments.

(5) Monotransitive vP as in Aldridge’s account:

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1 “Philippine-type” refers to a set of languages with certain shared grammatical characteristics; see Himmelmann 2002, Ross 2002, Blust 2010. Another major subgroup of Austronesian languages is the “Indonesian-type,” discussed below. The description of Philippine-type Austronesian languages as ergative has however been controversial. See for example Erlewine et al. 2017 and Chen 2017.

Aldridge also discusses clauses with applicatives, where the DP moved to the outer specifier is a goal, instrument, or location instead of a theme.\(^3\)

We now turn to the question of Ā-extraction. Ā-extraction of DPs in Tagalog is limited to the extraction of absolutive arguments, e.g. transitive objects (O) and intransitive subjects (S); transitive subjects (A) cannot be Ā-extracted. Aldridge proposes that Ā-probing by C necessarily targets the closest DP.\(^4\) Following the proposed structure for transitive clauses, Ā-extraction from a transitive clause will thus necessarily target the outer specifier of \(vP\), which may be a transitive object (O) or an applicativized argument (see discussion above); see (6) below.\(^5\) There is no way to target a transitive subject (A) for Ā-movement.\(^6\)

\[(6)\quad \text{Ā-probing for the closest DP from (5):} \]

\[
\begin{array}{c}
\text{CP} \\
\downarrow \\
\text{C} \\
\downarrow \\
vP \\
\downarrow \\
\text{DP}_O \quad \text{DP}_A
\end{array}
\]

In an intransitive clause, the sole DP argument (S) is closest to the probe and thus can be Ā-extracted as well.\(^7\) This derives the syntactically ergative Ā-extraction restriction.

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\(^3\) This analysis dovetails with the widely-adopted inherent case theory for ergative case (e.g. Woolford, 1997, 2006; Legate, 2002, 2008; Aldridge, 2004, 2008; see also Sheehan 2017 for a recent overview). Because the agent receives ergative case in its thematic position, there is no need for the agent to syntactically associate with a higher functional head such as T as in many proposals for structural nominative case.

\(^4\) Specifically, Aldridge (2004: 338) writes: “C has an EPP feature, which attracts a DP. In a transitive clause, the closest DP will be the internal argument absolutive, residing in the outer specifier of \(v\). The external argument will not be attracted, because doing so would violate Attract Closest.”

\(^5\) As noted by Aldridge (2012: 197 fn 9), “closest” must be defined so that two specifiers of the same phrase do not count as equidistant for higher probes, pace Chomsky’s (2000: 122, 130; 2001: 27) Equidistance principle. Our definition of “closest” in (2) satisfies this desideratum.

\(^6\) Syntactically ergative languages generally have a strategy for Ā-extracting notional transitive subjects (A). A common one is to antipassive the clause, so that the A subject becomes a formally intransitive S subject, and thus eligible for Ā-extraction. See Aldridge 2012 for further discussion of this approach in Tagalog.

\(^7\) Intransitive \(v\) for Aldridge does not move any argument to its specifier. Intransitives are either unergative, with the
Aldridge’s analysis for the extraction asymmetry in Philippine-type languages thus relies on the conjecture stated in (3), repeated here:

\[(7) \quad \text{Ā-probing for the closest DP:}\]

An Ā-probe can be specified to target the closest accessible DP.

This conjecture in (7) has been adopted as part of the analysis of syntactically ergative extraction asymmetries in other languages as well, including recently in Levin 2018 and Coon et al. 2020 for a number of Mayan languages. We also refer the reader to Erlewine and Lim 2019 for an investigation of extraction asymmetries in Bikol, a sister language to Tagalog, which strengthens the empirical case for extraction asymmetries in Philippine-type Austronesian languages to be based on (7), over and above Aldridge’s original argumentation.

We should however step back and note that Ā-probing of this form — if it exists — is conceptually surprising and perhaps unusual.\(^8\) Such a probe would lead to an Ā-extraction process that has the locality profile of A-movement, rather than the familiar long-distance and ‘relativized’ character of Ā-movement (as in e.g. Chomsky, 1977; Rizzi, 1990; see (1) above). It also raises questions for whether and how non-DPs can be Ā-extracted in such a language, which we return to at the end of this paper. We also note that alternative accounts for the extraction behavior of such Philippine-type languages exist, which do not require Ā-probing for the closest DP (7).\(^9\) In the pursuit of a maximally restrictive theory of grammar, then, it is tempting to reject the possibility of probing of the form in (7), or to somehow limit its availability to ergative languages.

\(^8\) There is rather little explicit discussion of this notable aspect of Aldridge’s proposal. We are aware of such discussion only in Aldridge 2008: 990, 992 note 6, Deal 2015a: 698–699, and Polinsky 2017: 18–20.

\(^9\) For example, see the “case agreement” approaches of Pearson 2001, 2005 for Malagasy and Rackowski 2002 and Rackowski and Richards 2005 for Tagalog, which take the apparent absolutive-only extraction restriction to be epiphenomenal. Another alternative approach discusses apparent “extraction” restrictions in these languages without appealing to extraction at all, instead analyzing different “voice” forms as different participant nominalizations; see Keenan 2008 for Malagasy and Kaufman 2009 for Tagalog. (But see also Hsieh 2019 for a forceful response to Kaufman’s “nominalist” analysis of Tagalog.) Such nominalization analyses may also extend to subject-only participial relatives in European languages mentioned by Keenan and Comrie (1977: 70); see fn. 19 below.

For syntactic ergativity in other language families, too, there are accounts which do not involve Ā-probing for the
The goal of this paper is to show that there nonetheless is substantial motivation for the existence of Ā-probing that is restricted to the closest DP (7), in non-ergative languages. This conclusion in turn lends support for the plausibility of Aldridge’s proposal for absolutive-only extraction restrictions in ergative languages as well.

3 Subject-only extraction restrictions from Ā-probing for the closest DP

Given the potentially unusual nature of the idea that an Ā-probe would be limited to attracting the closest DP goal (7), as discussed above, we seek independent motivation for this possibility in grammar from beyond its original application to syntactic ergativity. In this section we present two case studies of relativization in two non-ergative languages, Turkish and Rejang, which we claim are best analyzed as involving an Ā-probe that can only attract the structurally closest DP. This approach will allow us to account not only for the basic subject-only restriction on these Ā-processes, but also for their apparent exceptions.

For concreteness, we suggest that Ā-probing for the closest DP (7) is a result of a probe seeking the combination of an Ā-feature (e.g. WH, REL) and an A-feature (D) (see e.g. Van Urk, 2015; Erlewine, 2018), which we notate [PROBE:Ā+D] in the general case. This [PROBE:Ā+D] will move a fully matching goal with [Ā, D] features, but ceases probing after it finds even a partial match ([Ā] or [D]).

The inability of [PROBE:Ā+D] to probe past partial matches may be subject to variation across individual probes or languages. The possibility of probes targeting partial matches has been discussed in the φ-domain; see e.g. Béjar 2003, Béjar and Rezac 2009, Richards 2008, and Coon and Bale 2014. We refer the reader to two recent theoretical proposals which may offer insight on the precise nature of probes which fail to probe past a partial match. The first is Deal’s (2015b) theory of interaction and satisfaction, where probes may be specified to halt their search when a certain feature is found. In these terms, [PROBE:Ā+D] could be an Ā-probe whose satisfaction feature would be [D], but only moves [Ā, D]. The second is Coon, Baier, and Levin 2020, who implement this form of restriction on probing by extending Coon and Keine’s (to appear) theory of probe gluttony to Ā-movement.

As this probe seeks both A- and Ā-features, we might wonder whether the resulting movement has A- or Ā-properties. Van Urk 2015 shows that such movement in Dinka exhibits mixed A/Ā-properties.
With a probe of the type just described, we expect extraction of DP₂ in (8) to be impossible: DP₁ c-commands DP₂ and therefore counts as structurally closer to the probe.

(8)  *[^{\text{PROBE:}Ā+D} \ldots [\text{DP}_1 \ldots [\text{DP}_2[Ā] \ldots ]

This logic makes two predictions. First, if a language has an independent mechanism for bringing DP₂ above DP₁, we expect the probe to then be able to interact with DP₂:

(9)  ^[^{\text{PROBE:}Ā+D} \ldots [\text{DP}_2[Ā] \ldots [\text{DP}_1 \ldots [\text{DP}_2[Ā]> \ldots ]

Second, if there is no c-command relationship between two DPs, we might expect either to be extractable, as neither is closer to the probe than the other. (See again our definition of “closest” in (2).) One such configuration would arise when DP₂ is at the edge of DP₁:

(10) ^[^{\text{PROBE:}Ā+D} \ldots [[\text{DP}_1 \text{DP}_2[Ā] \ldots ] \ldots

We now present evidence from relativization in Turkish and Rejang that motivate the existence of Ā-probing for the closest DP. In particular, we will see that the configurations in (9) and (10) indeed allow for Ā-extraction of DP₂ in constructions that disallow extraction in the configuration in (8). Neither language is morphologically ergative.

3.1 Turkish

Turkish has two forms for relative clauses, shown below in (11), traditionally described as a subject/ non-subject distinction (Underhill, 1972; Hankamer and Knecht, 1976; a.o.). We follow Cagri 2005, 2009 in glossing them ‘subject relative’ (sr) and ‘non-subject relative’ (nsr) here. Here we concentrate on the behavior of relativization with the sr suffix, which receives a simple analysis as the exponent of a head which has an Ā-probe which is specified to probe for the closest DP.

(11) Two relative clause forms in Turkish:

a. [ ___ kız-ı sok-an ] arı
girl-acc sting-sr bee
‘the bee that stung the girl’
(Cagri, 2005: 24 ex. 15a)
b. [ arı-nın ___ sok-tuğ-u ] kız
bee-gen sting-nsr-3sg girl
‘the girl that the bee stung’
(Jaklin Kornfilt, p.c.)
It is well known that, under certain limited circumstances, non-subjects may be extracted using the sr form (see e.g. Underhill 1972, Hankamer and Knecht 1976, Kornfilt 1984, 2000, and subsequent work). For example, object relativization with the sr form is possible when the subject is an indefinite, as in (12a). Indefinite subjects do not occupy the canonical high subject position, but rather must occupy a low, immediately preverbal position (see e.g. Cagri 2005 and references there). As such, the source for this relative clause in (12a) is as in (12b), where the accusative object is the highest DP in the clause. In contrast, object relativization across a non-indefinite subject must use the nsr form, as in (11b) above.

(12) **Indefinite subject makes object highest:** (Temürçü, 2001: 147 ex. 199a, 146 ex. 197a)

a. **Object relative with sr form:**

\[
\begin{array}{c}
\text{[ ___ ari sok-an ] adam} \\
\text{bee sting-sr man}
\end{array}
\]

\[\text{‘the man stung by a bee’}\]

b. **Source structure:**

\[\begin{array}{c}
\text{Adam-i ari sok-tu.} \\
\text{man-ACC bee sting-PAST}
\end{array}\]

\[\text{‘A bee stung the man.’}\]

Temporal relatives may also be formed with sr if the subject is a low, indefinite subject, as in (13) below. This too is explained by our analysis for the sr probe as temporal adjunct DPs naturally occupy a position above the low subject.

(13) **Temporal relatives with sr form:** (Cagri, 2005: 180 ex. 62a,b)

a. **[ ___ bomba patlay-an ] gün**

\[\text{bomb explode-sr day}\]

\[\text{‘the day a bomb exploded’}\]

b. **[ ___ kar yağ-an ] gün-ler**

\[\text{snow rain-sr day-pl}\]

\[\text{‘the days it snowed’}\]

Such examples show that the apparent subject orientation of the sr form is really a requirement to extract the closest nominal, rather than to extract the subject per se. We propose that the sr head bears \([\text{PROBE:REL}+\text{D}]\) of the form described above, allowing it to extract only the closest nominal in its domain. Movement of the object (DP₂ in (14)) across a low, indefinite subject (DP₁) allows for the sr probe to target the object:
Possessor relativization presents a further class of apparent exceptions to the subject orientation of SR relatives. Example (15) shows that the possessor of a subject may also be extracted using the SR form:

(15) **Possessor-of-subject relative with SR form:** (ibid.: 33 ex. 27a)

\[
\begin{array}{c}
\text{[ [ ___ kız-ı ___ ] kitab-ı getir-en ___ ] adam} \\
\text{girl-POSS.3SG book-ACC bring-SR man} \\
\text{‘the man whose daughter brought the book’}
\end{array}
\]

This possibility of possessor relativization is also explained by our analysis of SR as \([\text{PROBE:REL}+D]\) and our definition of “closest.” According to our definition for “closest” in (2), both the subject (DP\(_1\) in (16)) as well as its possessor (DP\(_2\)) count as “closest” for the probe, as the subject DP\(_1\) does not c-command its possessor DP\(_2\).

(16) \([\text{PROBE:REL}+D] \quad [\text{DP}_1 \text{ DP}_2]\) … \(\ldots\)

Also as predicted by our approach, relativization with the SR form can also target the possessor of an object if the subject is indefinite and thus in its low, immediately preverbal position. See example (17). The derivation for (17) simply combines the object movement above the low, indefinite subject, illustrated in (14) above, with the probe targeting the possessor of the highest DP, which counts as “closest,” as in (16) above. This derivation is illustrated in (18) below.\(^{12}\)

(17) **Possessor-of-object relative with SR form:** (ibid.: 28 ex. 20a)

\[
\begin{array}{c}
\text{[ [ ___ bacağ-ın-ı ___ ] arı sok-an ___ ] kız} \\
\text{leg-POSS.3SG-ACC bee sting-SR girl} \\
\text{‘the girl whose leg a bee/some bees stung’}
\end{array}
\]

\(^{12}\) This derivation constitutes an instance of “smuggling”; see Belletti and Collins to appear for a recent overview. See also Nakamura 1996 and Branan 2018 for discussion of similar subextraction facts in Tagalog, compatible with Aldridge’s account and the discussion of possessor subextraction here.
In contrast, if the subject is not indefinite and thus higher, relativization over the object’s possessor requires the nsr form:

\[(\text{PROBE:REL}}+\text{D}) \ldots [\text{DP}_2 \text{DP}_3[\text{REL}]] \ldots [\text{DP}_1] <\text{DP}_2] \]

Concentrating on the behavior of relativization with the sr form, we see the clear hallmarks of Ā-probing for the closest DP.\(^{13}\) sr relativization often targets subjects, which are the highest DPs in the clause, but can also target non-subjects when the subject is exceptionally low, or possessors of the highest DP which also count as closest. This suggests both that the regular subject orientation of sr is due to subjects regularly being the highest DP in the clause, rather than sr specifically correlating with other subjecthood properties. In particular, we note that sr morphology does not correlate with relativization of a nominal with a particular case form, either as the result of agreement in case features (see e.g. Chung, 1982, 1994, 1998; Georgopoulos, 1985, 1991; Pearson, 2001, 2005; Rackowski, 2002; Rackowski and Richards, 2005) or by sr reflecting a case-discriminating probe (Deal, 2017). The sr probe targets an accusative goal in (12a) but genitive possessors in (15, 17).\(^{14}\) Relativization with sr morphology in Turkish is best modeled using Ā-probing for the closest DP.

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\(^{13}\) This conclusion does not depend on the precise analysis of relativization with the nsr form, but we tentatively sketch two families of analyses here. One approach would be for nsr-relatives to involve a distinct mode of dependency formation — possibly involving a resumptive binding dependency with potentially null pronouns (Kornfilt, 2000) or the use of a conventional [PROBE:REL] which is able to skip intervening non-[REL] DPs. For such an account, we would also want to address why the nsr approach does not itself apply to high nominals such as subjects; we return to this question in the conclusion. A second possibility would be for the nsr head to also involve the same restricted [PROBE:REL}+\text{D}], but which selects a distinct clause type that involves movement of a lower nominal to the clause edge to feed the relativization probe.

\(^{14}\) Note furthermore that the subject in (15), whose possessor is extracted, is itself unmarked for case; i.e. it is nominative. Thus it appears that subjects in sr clauses are nominative, unlike the genitive subjects of nsr clauses. Thus in conventional subject relativization, the sr probe is extracting a nominative goal.
3.2 Rejang

Rejang is an Austronesian language spoken in Sumatra. Ā-extraction in the language is limited to the highest accessible nominal, whether or not that nominal is the subject.

Rejang is canonically SVO, with transitive verbs having two verb forms, active and passive. There are no case distinctions on core arguments. Active themes and passive agents cannot be Ā-extracted — with one exception, discussed below. For example, transitive theme relativization requires first promoting the theme to subject position using a passive:

(20) **Rejang theme relativization requires passivization:** (McGinn, 1998: 362 ex. 5b, 6)

a. *tun [ gi pelisi o m-akep ___ kelem ] o
   person Cgi police the act-catch last.night det
   ‘the person that the police arrested last night’

b. tun [ gi t<en>a<kep pelisi ___ kelem ] o
   person Cgi pass-catch police last.night det
   ‘the person that was arrested by the police last night.’

There is evidence that this apparent subject-only restriction on extraction in Rejang is in fact better described as a requirement that only the highest nominal may undergo extraction. Evidence for this comes from three sources: agent cliticization, long distance extraction, and extraction of possessors, which we discuss one by one.

McGinn (1998: 372–373) notes one exception to the ban on active theme extraction: Extraction of active themes is possible if the agent subject is a clitic pronoun, as in (21).15

(21) **Active theme wh-question across a pronominal subject:** (McGinn, 1989: 208 ex. 1b)

Jano [ gi ko t<em>o>koa ___ ]?
   what Cgi 2sg act-buy
   ‘What did you buy?’

15 The relative complementizer *gi*, which we discuss below, appears in *wh*-questions such as (21). This may be the result of the *wh*-question in fact being a pseudocleft which involves relativization over the gap, as is common across Austronesian verb-initial languages (Potsdam, 2009), or it may indicate that *wh*-movement simply involves the same complementizer.
Two facts indicate that the agent in such cases are not conventional preverbal subjects. Consider the contrast between the baseline canonical declarative in (22a) and the grammatical active theme relative in (22b), both with the preverbal inchoative auxiliary *mulaē* and the same active verb. The canonical subject position precedes preverbal tense/aspect auxiliaries as in (22a), but certain agent DPs including pronouns may appear in an immediately preverbal position (22b), which is necessary for the active theme to be extracted. We also see here that the first-singular pronoun *uku* appears in a reduced form *ku* when in this immediately preverbal position.\(^\text{16}\)

(22) **Subject pronoun positions:** (McGinn, 1998: 373 ex. 38, 372 ex. 36)

a. *Uku* mulaē t<em>oton pilem 0.  
   1sg AUX ACT-watch movie DET  
   ‘I began to watch the movie.’

b. pilem [ gi mulaē *ku* t<em>oton ___ kelem ___ ] o  
   movie C<sub>gi</sub> AUX 1sg ACT-watch last.night DET  
   ‘the movie that I began to watch.’

As noted in McGinn 1989, the structure here is reminiscent of the so-called “Passive type 2” in nearby Malayic languages (see e.g. Chung, 1976; Arka and Manning, 1998), illustrated with Indonesian in (23), where an agent of limited or reduced size (Nomoto, to appear) immediately precedes the lexical verb and which then allows for theme extraction.

(23) **Theme relativization across an agent proclitic in Indonesian:**

Orang [ yang sudah *saya* tulis-i ___ surat ] adalah paman-mu.  
man C<sub>rel</sub> PERF 1sg write-APPL letter be uncle-2sg  
‘The man that I wrote a letter was your uncle.’ (Chung, 1976: 72 ex. 91b)

However, importantly, the Rejang structures (21, 22b) retain active voice morphology on the verb, whereas no voice morphology appears in the Malayic structures as in (24). See McGinn 1989 for further discussion and comparison of these forms in Rejang and Malayic.

\(^{16}\) McGinn (1982: 23–24) also discusses active theme topicalization fed by agent cliticization, where it is noted this possibility is attested with many different preverbal auxiliaries.
The possibility of active theme extraction with agent cliticization in Rejang, as in (21) and (22a), is accounted for straightforwardly on our account. It is well documented that clitic arguments do not intervene for extraction in the same way that a full DP does (McGinnis, 1998; Anagnostopoulou, 2003); presumably, cliticization of an argument into the verb renders it invisible for higher [D]-sensitive probes, or it is skipped as it is not eligible for movement (see also Branan 2020). With the subject being a clitic, the object is now the closest DP to the probe on C.

Next we turn to long-distance relativization. First, we note that in non-extraction contexts, embedded clauses take the complementizer \textit{bawo}, in contrast to \textit{gi} in the extraction examples above. This alternation will be important for the discussion that follows.

(24) **Complement clause with complementizer \textit{bawo}:** (McGinn, 1998: 359 ex. 2a)

\begin{align*}
\text{Alui} & \text{ m-adea'} \text{ \text{[}CP \text{ bawo Desi teko ceño' \text{]} }} \\
\text{Alui} & \text{ act-say C Desi come late} \\
'\text{Alui said that Desi came late.}'
\end{align*}

Long-distance subject extraction in Rejang comes in two forms. In one option, the embedded clause has the complementizer \textit{bawo}, with a resumptive pronoun in its subject position (25a). In the second option, the embedded clause is headed by \textit{gi}, with a subject gap (25b). In both cases, the higher clause must appear in the passive.

(25) **Two forms of long-distance subject relatives:** (ibid.: 368 ex. 26, 28)

\begin{align*}
a. \text{ tun} & \text{ tuey [ \text{gi \_CP n-adea Alui [CP bawo si teko ceño'] ] o} \\
\text{person} & \text{ old Cgi pass-say Alui C he came late det} \\
'\text{the old person of whom it was said that he came late}'
\end{align*}

\begin{align*}
b. \text{ tun} & \text{ tuey [ \text{gi \_CP n-adea Alui [CP gi \_DP teko ceño'] ] o} \\
\text{person} & \text{ old Cgi pass-say Alui Cgi came late det} \\
'\text{the old person of whom it was said that he came late}'
\end{align*}

We first consider the complementizer and gap/resumptive alternations. Both reflect strategies for getting the nominal target for relativization to the edge of the embedded CP. The nominal can be base-generated at the embedded clause edge and bind a local pronoun (25a) or it can move from embedded subject position using the complementizer \textit{gi} (25b).
The entire embedded CP itself is then moved to the higher subject position via passivization of ‘say,’ although it is then pronounced to the right, leaving the CP gap indicated in (25). Movement of the embedded clause to this higher subject position causes the DP at the embedded clause edge to be the highest nominal in the clause, allowing the relative complementizer gi to extract it.

(26) **The closest nominal may be in a clausal subject:**

\[ \text{'[PROBE:REL+D] ... [CP DP}_2\text{[REL,i] ... <DP}_2/>\text{pro}_i ... ] ... [\text{DP}_1 ... <\text{CP}>} \]

Further evidence that the extraction restriction in Rejang reflects [PROBE:Ā+D] on C, and need not target subjects, comes from possessor relatives. Possessor relativization in Rejang is allowed, but only for possessors of subjects and with a resumptive pronoun:

(27) **Possessor relativization from subject, with resumptive:**  

(a) tun [ gi [ nyung ne/*__ ] panjang ] o
person C\textit{gi} nose his/*__ long DET
‘the person whose nose is long’

(b) *tun [ gi Alui k\textit{<em>lea’} [ ngenyan ne ] ] o
person C\textit{gi} Alui ACT-see wife his DET
Intended: ‘the person whose wife Alui saw’

The contrast between (27a) and (27b) shows that possessor relativization is locality-sensitive and does not reflect a free process of pronominal binding. The use of the gi complementizer — which correlates with movement, as we saw in (25) — also supports the view that possessor relativization as in (27a) involves extraction.

We can imagine two possible analyses for this possessor relativization: one where the target of relativization originates in the possessor position, with its trace pronounced as the pronoun ne (as in a recent proposal in Jeoung 2018 and suggested by a reviewer), or with the target of relativization being generated at the edge of the DP and locally binding the possessive pronoun. In either case, the restriction of possessor relativization to possessors of the subject is explained by our analysis

17 See Rackowski and Richards 2005 and Van Urk and Richards 2015 for similar analyses of long-distance extraction in Tagalog and Dinka, respectively. The postverbal position of the agent Alui in (25) forms an argument against passive morphology simply appearing as a reflection of extraction across the verb.
as analogous to the long-distance extraction facts above: (27a) is another case where a non-subject may be extracted because it nonetheless counts as “closest” to the probe.

(28) **The closest nominal may be in a nominal subject:**

\[
\sqrt{[\text{PROBE:REL+D}] \ldots [\text{DP}_1 \text{ DP}_2[\text{REL}], \ldots \text{ N <DP}_2>/\text{pro}, \ldots}
\]

In sum, a close look at the apparent subject-only extraction restriction in Rejang — and the shape of its various exceptions — provides strong motivation for the theory of probing presented here. Rejang allows for extraction of non-subject nominals across incorporated agents, as well as strategies by which nominals within subjects — both nominal and clausal — become the closest nominal to the probe and therefore can be extracted.

### 4 Evidence from the Keenan and Comrie 1977 typology

We now turn to the broader typology of extraction asymmetries for further evidence of the possibility of Ā-probing for the closest DP (7). Our discussion will center around Keenan and Comrie’s work on the typology of relativization (Keenan and Comrie, 1977, 1979; Comrie and Keenan, 1979; hereafter “K&C”). In this work, K&C claim that there exist languages with relativization strategies which apply specifically to subjects but to no other types of arguments.\(^{18}\) As noted by Deal (2015a: 698–699), such forms of relativization may be candidates for being analyzed as involving Ā-probing for the closest DP.

Revisiting the whole set of subject-only relativization strategies identified in K&C’s study, we note that the level of detail provided by K&C on individual languages is generally insufficient to determine whether any of these relativization strategies are best analyzed as involving Ā-probing for the closest DP. Thankfully, however, more detailed subsequent studies exist for some of these languages. We conclude that some but not all of K&C’s subject-only strategies provide further evidence for our conjecture. This section thus serves two purposes: First, it highlights a few more case studies — from Arabic, Toba Batak, and Māori — which we take to provide strong supporting evidence for the possibility of Ā-probes being restricted to the closest DP. Second, it serves as a note

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\(^{18}\) K&C discuss “strategies” of relativization, of which a particular language may have multiple. Individual strategies are distinguished, for example, by whether they involve gapping, resumptive pronouns, or relative pronouns, or by other distinguishing morphosyntactic characteristics.
of caution against taking K&C’s results to have already established the necessity of Ā-probing for
the closest DP in grammar, thereby underscoring the motivation for our current paper.

In their survey, K&C report eleven languages with relativization strategies that can target sub-
jects but not other arguments: Northeast Aoba/Ambae, Arabic, Kiribati (Gilbertese), Iban (Sea
Dayak), Javanese, Kera, Malagasy, Māori, Minangkabau, Tagalog, Toba Batak. Of these, only Mal-
agasy and Toba Batak are discussed in any detail in K&C 1977. With the exception of Arabic and
Kera (East Chadic), all of these languages are Austronesian.19

We first discuss Kiribati (Oceanic; VOS), which K&C describe as utilizing a gap strategy for
subject relatives (29a) but a pronoun strategy for object relatives (29b). (This same description
applies to Northeast Ambae (also Oceanic), Arabic, and Kera as well; we discuss Arabic below.)
Object pronouns appear on the verb with the linker -i-.20

(29) Kiribati relative clause data in K&C 1979: 337:

\[
\begin{align*}
a. \text{ te aine are orea te mane } & \quad b. \text{ te mane are oro-i-a te aine } \\
& \text{ the woman REL hit the man } & \quad & \text{ the man REL hit-TR-3sg the woman} \\
& \text{ ‘the woman who hit the man’ } & \quad & \text{ ‘the man that the woman hit’ }
\end{align*}
\]

At first glance, such a language seems amenable to an analysis utilizing an Ā-probe which targets
the closest DP: Ā-extraction is limited to the structurally highest DP, the subject, with relativization
of other arguments necessitating the use of resumptive pronouns.

However, this view is challenged by data on long-distance object extraction in Sabel 2013.21 In
(30), fronting the embedded plural object ‘Mary and Tien’ triggers a third-plural pronoun on the
embedded verb ‘love,’ as expected, but also on the higher verb ‘know’:

19 Austronesian languages make up 11 out of 49 languages in K&C’s survey (1977: Table 1) and thus may be generally
overrepresented in their study. Interestingly, K&C discuss Turkish but treat the sr and nsr forms together as a single
strategy; see K&C 1979: 348. There is also a note on subject-only participial relatives in “many European languages
(e.g. German, Russian, and Polish)” (K&C 1977: 70); see our fn. 9.

20 Following Harrison 1978, Sabel 2013 calls -i- a transitivity marker and we follow their glossing here. It is possible that
the verb orea in (29a) includes the third-singular object marker but without the transitivity marker, as suggested by
Sabel (2013). In fact, K&C gloss orea in (29a) as “hit-3sg” and oroia in (29b) as “hit-him.” Here we follow Trussel
(1979: 140–145) in simply glossing the verb as orea.

21 A reviewer notes that Sabel’s long-distance extraction facts do not replicate in Fijian, which otherwise exhibits the same
behavior as Kiribati. Presumably, this is a point of cross-linguistic variation.
Long-distance object movement in Kiribati: (Sabel, 2013: 18)

(30) Meeiri ao Tien aika ti ata-i-ia bwa e tangir-i-ia Rui.
Mary and Tien rel.3pl 1pl know-tr-3pl that 3sg love-tr-3pl Rui

‘It’s Mary and Tien that we know that Rui loves.’

Based on such examples, Sabel argues that the object “pronoun” on Kiribati object extraction verbs is a form of agreement fed by successive-cyclic movement of the object. The difference between subject and object relativization as in (29) thus may simply be a morphological one. Kiribati thus represents an instructive test case where further work on the language casts doubt on taking K&C’s reported behavior as a natural candidate for analysis using Ā-probing for the closest DP.

K&C’s description of relativization as subject-only in Malagasy and Tagalog also does not immediately necessitate Ā-probing for the closest DP. Both are Philippine-type Austronesian languages explicitly discussed by Aldridge (2004, 2008) as amenable to her analysis for syntactic ergativity reviewed above. However, alternative approaches for these languages exist which do not involve such Ā-probing restriction, as we briefly sketched in footnote 9 above. As noted in section 2 above, the controversial status of Aldridge’s account for the extraction restrictions in Malagasy and Tagalog motivate our search for independent evidence of this restricted mode of probing in other languages.

In some cases, however, subsequent work on these subject-only relativization strategies identified by K&C has led to forceful arguments for Ā-probing that is limited to the closest DP. Such is the case for Toba Batak, where relativization is limited to the subject (active agent or passive theme), with relativization of transitive themes fed by passivization. (K&C also gives this same description for Iban, Javanese, and Minangkabau — all Indonesian-type Austronesian languages; see fn. 1.) Although Cole and Hermon 2008 proposed that this restriction reflects the “frozen” nature of the non-subject DP arguments, more recently Erlewine 2018 shows that, under certain circumstances, a subject and non-subject DP can be fronted simultaneously. Erlewine argues that the basic extraction restriction thus must be due to Ā-probing being limited to the closest DP — with options for further probing leading to multiple extraction — rather than due to the general immobility of non-subject DPs as Cole & Hermon propose.

Further work on Māori has also led to an analysis involving Ā-probing for the closest DP. Douglas 2018 discusses the fact that clefting in Māori — built from a kind of headless relative clause —
can only target subjects of verbal and prepositional phrase predicates, but not subjects of nominal predicates. He argues that this is due to the Māori cleft construction using Ā-probing for the closest DP; in this predicate-initial language, nominal predicates are higher than their argument. However, as with Toba Batak, K&C’s initial description of Māori as having a subject-only relativization strategy does not by itself force a limited Ā-probing analysis: only with further investigative work could a decisive argument for restricted probing be made.

Finally, we discuss the analysis of relativization in Arabic due to Shlonsky 1992. Arabic allows extraction of subjects but requires pronominal resumption for extraction of all other arguments. Shlonsky proposes that Spec,CP in Palestinian Arabic is an A-position, rather than an Ā-position, and thereby obeys the locality profile of A-movement. Although not in the contemporary probe-goal terms used here, Shlonsky’s analysis amounts to proposing that the Ā-probe for relativization must target the closest DP. Similar proposals have since been put forward for new information clefts in French (Belletti, 2015) and topicalization in southern Bantu (Bliss and Storoshenko, 2009; Pietraszko, to appear), which target subjects.²²

In sum, in this section we revisited the cases of subject-only relativization strategies in K&C 1977 et seq, reevaluated as potential evidence for the possibility that some Ā-probes must target the closest nominal. We have seen that the evidence provided by K&C is by itself generally insufficient to motivate the existence of this (conceptually unusual) mode of restricted probing in grammar. However, further arguments for proposals of this form have been developed for three such languages — Arabic (Shlonsky, 1992), Toba Batak (Erlewine, 2018), and Māori (Douglas, 2018) — all three of which are, again, clearly not ergative. These three case studies thus join our discussion of Turkish and Rejang to together form a compelling reason to take seriously that Ā-probing for the closest DP is a true possibility in grammar, and not only in ergative languages. This evidence then in turn indirectly supports the feasibility of the Aldrige 2004, 2008 approach to syntactic ergativity presented in §2.

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²² We thank Asia Pietraszko (p.c.) for bringing these Bantu works to our attention.
5  Variation in probing

We have now established that Ā-probing for the closest DP is indeed a strategy employed by the grammar of non-ergative languages. At the same time, we know that languages also employ relativized Ā-probing which can skip intervening nominals without the matching Ā-feature; see (1). In this section, we turn to the nature of this variation. We show that Ā-probing for the closest DP is not a language-level parameter nor a construction-level parameter. Instead, we argue that this choice of restricted probing is made on individual heads.

5.1  Haya

We begin with a discussion of relativization in Haya, a Bantu language of the Great Lakes region of Africa. Haya shows us that heads at different positions in a single Ā-construction can differ in their choice to employ Ā-probing for the closest DP or not.

Local relativization in Haya can target both subjects and objects.23

(31)  Local relativization in Haya is unrestricted:  (Duranti, 1977: 120 ex. 1, 121 ex. 13)

  a.  embw’ é-y-a-ly’ ébitooke
      dog  REL-it-TAM-eat  bananas
      ‘the dog that ate bananas’
  b.  ebitook’ eby’ émbwá y-á-lya
      bananas  REL  dog  it-TAM-eat
      ‘the bananas that the dog ate’

Duranti 1977 shows that, in long-distance relativization of an object in Haya, the object must be promoted to subject before undergoing further Ā-movement to the final landing site in the matrix clause, as demonstrated through the contrast in (32b,c).

(32)  Long-distance theme relative requires passivization:  (ibid.: 129 ex. i–iii)

  a.  Kato n-a-tekelez’ [CP aty’ omwaana y-a-bon abashaija
      Kato  PR-he-thinks  C  child  he-PAST-see  men
      ‘Kato thinks that the child has seen the men.’

23 The form of the relative marker in (31–32) varies due to agreement. In addition, in subject relatives (31a), the relative marker prefixes to the verb.
b. *abashaij [abo Kat’ a-li-ku-tekelez’ [CP aty omwaana y-a-bona
men rel Kato he-be-to-think C child he-PAST-see
‘the men that Kato thinks the child has seen’

c. abashaij [abo kat’ a-li-ku-tekelez’ [CP ati ba-a-bon-w omwaana
men rel Kato he-be-to-think C they-PAST-see-PASS child
‘the men that Kato thinks have been seen by the child’

We can understand this effect as resulting from intermediate movement being driven by [PROBE:REL+D] on embedded C and thus being subject-only, despite the highest clause of the relative not being restricted in this way.24 Promotion of an embedded object to subject position through passivization causes the theme to be the highest nominal in the embedded clause, allowing it to then be probed and thereby extracted.

For the analysis developed here, whether or not the extraction restriction will obtain in a configuration involving C is a function of the lexical items in the context. In particular, if some C heads in a language bear [PROBE:Ā+D] but others bear [PROBE:Ā], we expect only those which bear [PROBE:Ā+D] to display the relevant restriction on extraction. It is relatively common for embedded complementizers to differ from matrix complementizers in terms of what they attract; consider, for instance, the presence vs. absence of T-to-C movement and do-support in standard English matrix and embedded questions. Haya, then, is a language in which the outermost relative complementizer (abo in (32)) bears [PROBE:Ā], but the embedded complementizer ati bears [PROBE:Ā+D]: only extraction out of clauses headed by ati exhibit the subject-only restriction, even within a single long-distance extraction chain.

5.2 Late Archaic Chinese

Late Archaic Chinese (LAC) exhibits a number of extraction asymmetries which are attributable to restricted Ā-probing by [PROBE:Ā+D] as described here. At the CP level, Aldridge 2019 shows that only subjects can be Ā-extracted to the clause edge in LAC and therefore proposes that these processes involve Ā-probing for the closest DP. In the interest of space, we will not review this

24 Other Bantu languages display similar subject-only restrictions on all clauses; see in particular Demuth and Harford 1999 and Henderson 2006 for more details on these and other patterns of relativization in Bantu.
evidence from movement to Spec,CP here. Instead, here, we call attention to a restriction on the behavior of non-subject wh-phrases which undergo Ā-movement to a clause-medial position in LAC (Aldridge, 2010).

While the canonical word order of LAC is SVO, Aldridge shows that wh-objects in LAC appear preverbally:25

(33) **Clause-medial wh-fronting:**

\[\text{(Aldridge, 2010: 2 ex. 2b, 7 ex. 12b)}\]

<table>
<thead>
<tr>
<th>a. Wú shéi [qī ___]?</th>
<th>b. Gōng shéi [yù xiāng ___]?</th>
</tr>
</thead>
<tbody>
<tr>
<td>I who deceive</td>
<td>you who want appoint</td>
</tr>
<tr>
<td>‘Who do I deceive?’</td>
<td>‘Who do you want to appoint?’</td>
</tr>
</tbody>
</table>

As Aldridge (2010, 2019) notes, there are two case frames for ditransitives in LAC: one, where the recipient appears preverbally, itself preceded by a marker, yǐ, (34a), and another, where the recipient appears postverbally with a preposition, after the theme (34b).

(34) a. ... yǐ rec V theme  

| b. ... V theme P rec |

From the frame in (34a), the recipient can be extracted (35a). From (34b), the theme can be extracted (35b). Ā-movement of the second DP argument of a ditransitive is not attested.

(35) **Wh-movement of first argument of each ditransitive:**

\[\text{(ibid.: 23 ex. 52a,b)}\]

<table>
<thead>
<tr>
<th>a. kè jiāng hé [yǐ jiāo guǎrén]?</th>
<th>b. Hé [qiú ___ yú mín ]?</th>
</tr>
</thead>
<tbody>
<tr>
<td>you MOD what yi teach me</td>
<td>what ask of people</td>
</tr>
<tr>
<td>‘What are you going to teach me?’</td>
<td>‘What will [you] ask of the people?’</td>
</tr>
</tbody>
</table>

These facts support the view that Ā-probing with \([\text{PROBE:Ā+D]}\) is a possible option for movement-driving heads in general, and not just with C. In LAC, the head which triggers clause-medial movement (perhaps v, following Aldridge 2010, 2019) bears \([\text{PROBE:WH+D]}\).26

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25 We follow Aldridge and other historical Chinese linguistics literature in presenting examples with transcriptions based on modern Mandarin pronunciations of the attested examples.

26 If the predicate-internal subject hypothesis holds of LAC, the agent may be base-generated in Spec,vP as well. \([\text{PROBE:WH+D]}\) on v cannot attract the agent which is already its specifier, making the first object of the ditransitive count as its closest nominal goal. See Branan 2020.
5.3 Tagalog

The existence of Ā-extraction constructions that must target the closest DP naturally leads to the question or whether and how non-DP constituents can be Ā-extracted. As we have argued in this section, Ā-probing for the closest DP is not a language-level parameter. A language that utilizes $[\text{PROBE:Ā+D}]$ may also Ā-extract non-DPs, but we predict that this may involve different heads/probes, or instead utilize different strategies altogether. In this section, we return to Tagalog — one of the languages that motivated the idea of Ā-probing for the closest DP — and see that non-DP extractions indeed behave differently.

Here we highlight the fact that DPs and non-DPs behave very differently in their topicalization and focus-fronting, exemplified here with $wh$-questions. DP fronting, as in (36a) must target the absolutive argument — here, the object of ‘eat’ — and is separated from the clause with an $ang$ case marker. Non-DP fronting, as in (36b) lacks this $ang$ marker.

(36) **DP vs non-DP $wh$-fronting in Tagalog:**

<table>
<thead>
<tr>
<th></th>
<th>(Henrishon Hsieh, p.c.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a.</td>
<td>$Ano$ $ang$ k$&lt;in&gt;$ain $=mo$ $sa$ kusina?</td>
</tr>
<tr>
<td></td>
<td>what $ABS$ $&lt;\text{TR.PFV}&gt;$eat $\text{ERG.2SG}$ $OBL$ kitchen</td>
</tr>
<tr>
<td></td>
<td>‘What did you eat in the kitchen?’</td>
</tr>
<tr>
<td>b.</td>
<td>$Saan$ $=mo$ k$&lt;in&gt;$ain $ang$ mangga $?$</td>
</tr>
<tr>
<td></td>
<td>where $\text{ERG.2SG}$ $&lt;\text{TR.PFV}&gt;$eat $\text{ABS}$ mango</td>
</tr>
<tr>
<td></td>
<td>‘Where did you eat a mango?’</td>
</tr>
</tbody>
</table>

In addition, the examples in (36) reflect another, important difference between these two structures. The subject in (36a,b) is a second-position clitic pronoun, which encliticizes to the verb in (36a), but to the $wh$-phrase itself in (36b).

Based on such contrasts and other arguments, many authors have argued that DP $wh$/focus-fronting as in (36a) is a biclausal pseudocleft construction built from a headless relative clause (Paul, 2001; Aldridge, 2004; Potsdam, 2009), whereas non-DPs as in (36) are fronted directly to the left periphery (Aldridge, 2004). See in particular Hsieh 2020a,b for recent, in-depth work on the nature of non-DP extraction constructions in Tagalog.

Such differences between DP and non-DP variants of Ā-constructions support the view that, in a language that involves $[\text{PROBE:Ā+D}]$ for the Ā-extraction of DPs, different probes or strategies
are used for Ā-extraction of non-DPs. However, this also raises an important question of why the strategy of Ā-movement for non-DPs cannot also apply to DP targets. A complete theory of restrictions on Ā-extraction, then, will need to furnish both a mechanism for forcing certain probes to behave in a strictly local fashion — as described in section 3 — while also providing a mechanism for choosing the appropriate probes in a restricted fashion. We return to this question in our concluding discussion.

6 Discussion and conclusion

In this paper, we have argued that Ā-probes can be restricted to target only the closest nominal, as originally proposed in Aldridge 2004 as part of an analysis for syntactic ergativity. We showed that this (possibly conceptually surprising) form of restricted Ā-probing is well attested in non-ergative languages. Probing of this form in many languages gives rise to what at first glance may appear to be a subject-only extraction restriction, but one which may be obviated by processes that rearrange nominals as well as subextraction from highest nominals, allowing certain non-subjects to be extracted. We presented examples of extraction restrictions of this form in Turkish and Rejang in detail, and refer the reader to other work describing facts of this form in Arabic, Toba Batak, and Māori — all non-ergative languages.

We also presented a concrete implementation for probing that is restricted in this way, in section 3, stated in terms of a complex probe, $\text{[probe:Ā+D]}$, which is unable to probe past partial matches. The existence of Ā-probing of this form contributes to the growing literature on interactions between A- and Ā-features in probe specifications (e.g. Van Urk, 2015; Baier, 2018; Erlewine, 2018; Coon et al., 2020; Colley and Privoznov, 2020).

In section 5, we also clarified that Ā-probing for the closest DP is a property of specific probes on heads, rather than a language- or construction-level parameter. In particular, languages with constructions that involve Ā-probing for the closest DP often also have other strategies for Ā-extraction that are not so restricted.\textsuperscript{27} What this implies, then, is that these grammars must also have a

\textsuperscript{27}Further support for this view comes from the observation that, even amongst DP arguments, many languages have some Ā-extractions that are more restricted than others in what arguments they can target. See for example discussions of differences between relativization and $\text{wh}$-movement in Chukchi (Paleo-Siberian) in Polinsky 1992, 2016 and between topicalization and focus/$\text{wh}$-movement in Bikol (Philippine) in Erlewine and Lim 2019, as well as between various Ā-
mechanism for choosing between different extraction strategies. One general possibility is that there is a preference to use more specified probes (e.g. [PROBE:Ā+D]) over less specified probes (e.g. [PROBE:Ā]) whenever possible. The choice between a closest-DP-only extraction strategy over a less restricted strategy — for example, as would be necessary for explaining the distribution of SR vs NSR relative forms in Turkish (§3.1) or between DP- and non-DP extraction constructions in Tagalog (§5.3) — would result from such a preference. We refer the reader to recent discussions in Martinović 2015, Erlewine 2018, and Hsu 2017, to appear for discussion of both derivational and trans-derivational approaches for implementing such preferences in grammar.

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