

You can have the cake and eat it too

Reconciling UTAH and inherent ergative case

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CLS 61 | 9 May 2025

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The question: Where does ergative case come from?

- ▶ Nominative-accusative languages: **nominative case** is associated with subjects (both transitive and intransitive).
- ▶ Under structural accounts, nominative case is assigned by T/Infl to the closest DP (Spec-Head or through c-command).

The challenge of ergative case

In ergative-absolutive languages, **ergative case** is associated only with **a subset** of subjects (transitive subjects).

⇒ It cannot be assigned like nominative case.

So where does it come from?

Two main approaches

- ▶ Ergative is **dependent** on the presence of a second NP.

(Baker 2014, 2015; Deal 2019; Zompì 2019; Yuan 2018, 2022, a.o.)

- ▶ Ergative is **inherent** = assigned to the external argument by the head that introduces it.

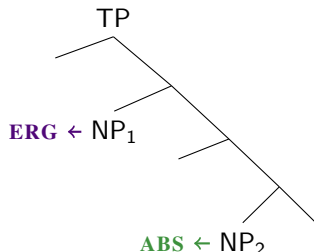
(Nash 1996; Woolford 1997, 2006; Aldridge 2004, 2008, 2012; Massam 2006; Legate 2008, 2017; Coon 2013; Sheehan 2017; Tollan 2018; Ershova 2019, a.o.)

Ergative as dependent

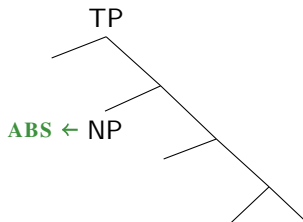
Ergative case assignment rule (Baker and Bobaljik 2017:112)

- a. If NP_1 c-commands NP_2 and both are contained in the same domain, then value the case feature of NP_1 as **ergative**.
- b. Otherwise NP is nominative/absolutive.

Transitive clause:



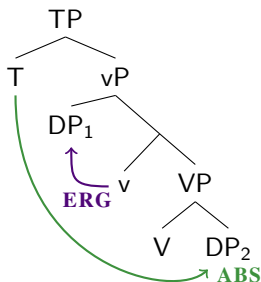
Intransitive clause:



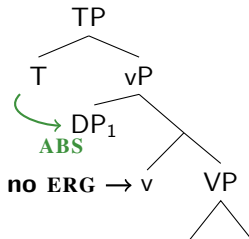
Ergative as inherent

- ▶ Ergative case is assigned together with the agent theta-role by the head that selects the external argument (e.g. *v*).
- ▶ Absolutive/nominative/accusative case is structural: assigned by *T* or *v*.

Transitive clause:



Intransitive clause:



The problem: UTAH and inherent ergative case

The Uniformity of Theta Assignment Hypothesis (Baker 1997:74)

Identical thematic relationships between items are represented by **identical structural relationships** between those items at the level of D-structure.

Baker and Bobaljik (2017):

- ▶ All agents are introduced by the same head (\leftarrow UTAH).
- ▶ \Rightarrow Intransitive (unergative) agents should get inherent ERG.
- ▶ But this is typologically extremely rare, if at all attested.

Main claim

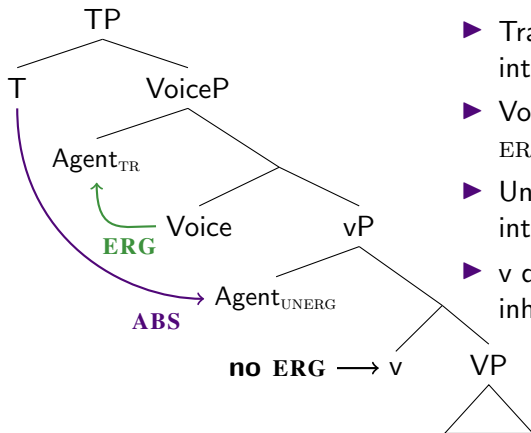
TRANSITIVE AGENT and UNERGATIVE AGENT are **not** the same theta-role.

⇒ They are **not** introduced by the same head.

⇒ No challenge for inherent ERG.

Different positions for ergatives and unergatives

Proposed structure:



- ▶ Transitive agents are introduced by Voice.
- ▶ Voice assigns inherent ERG case.
- ▶ Unergative agents are introduced by v.
- ▶ v does not assign inherent case.

(Massam 2009; Tollan 2018; Tollan and Oxford 2018; Tollan and Massam 2022; McGinnis 2022; Ershova 2023; Burukina and Polinsky 2025)

Roadmap

Background: two positions for agents

Voice and *v* beyond case: Indonesian

Conclusion

Appendix: Other (non)challenges

Roadmap

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Voice and v beyond case: Indonesian

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Appendix: Other (non)challenges

Tollan (2018) on Samoan:

(Also: Massam 2009; Tollan and Oxford 2018; Tollan and Massam 2022; McGinnis 2022; Burukina and Polinsky 2025)

► **Two types of external arguments:** (Dowty 1991)

proto-high agents = ergative

proto-low agents = absolutive

► **Evidence:**

1. Transitivity unergatives → no ergative case
2. Two-place predicates with low agents
3. Ergative associated with higher agentivity

No ergative case in transitivized unergatives

Sā kiki [e le teine] [le polo].

PST kick **ERG** the girl the ball.**ABS**

‘The girl kicked the ball.’ (Tollan 2018:5)

transitive: ERG agent

Sā siva [le teine].

PST dance the girl.**ABS**

‘The girl danced.’

unergative: ABS agent

Sā siva [le teine] [i le uosi].

PST dance the girl.**ABS** **OBL** the waltz

‘The girl danced a/the waltz.’ (Tollan 2018:7)

unergative + object: ABS agent

Ergative case is associated with higher agentivity

ABS agent: lower agentivity

Na va'ai [le fafine] [i le puleā'oga] (i le maketi).
PST see the woman.ABS OBL the principal OBL the market

'The woman saw the principal (at the market).'
(~ **accidentally**; *the meeting was spontaneous*)

ERG agent: higher agentivity

Na va'ai [e le fafine] [le puleā'oga] (i lona ofisa).
PST see ERG the woman the principal.ABS OBL her office

'The woman(ERG) saw the principal(ABS) (in her office).'
(~ **intentionally**; *the woman visited the principal*) (Mosel and Hovdhaugen 1992:424)

Argument structure is sensitive to event construal

- ▶ **Old observation:** argument structure is sensitive to details of event construal (e.g. telicity, agentivity, animacy, volitionality, affectedness, perspective). (Pesetsky 1982; Dowty 1991; Levin and Rappaport Hovav 1994; Pesetsky 1995; Folli and Harley 2013; Krejci 2020, a.m.o.)
- ▶ **Example:** variable **unergative**/**unaccusative** behavior in Italian

Mario **ha** / ***è** continuato.

Mario **have** / ***be** continued

'Mario continued.'

Animate subject → **unergative**

Il dibattito **è** / ***ha** continuato.

the debate **be** / ***have** continued

'The debate continued.' (Rosen 1984 via Krejci 2020:146)

Inanimate subject → **unaccusative**

Connection between agents and internal arguments

Dowty (1991): properties associated with **proto-high agents**

1. volitional involvement
2. sentience/perception
3. movement (in relation to another participant)
4. exists independently of the event
5. **causes an event or change of state in another participant**

Connection between ergative case and internal arguments

High (ergative) agents are only compatible with event construals **which involve an affected participant**.

Cf. Öztürk (2021); Nash (2022): all initiators require an internal argument in Georgian and Pazar Laz!

High agents beyond ergativity

- ▶ High agents require an internal argument.
- ▶ High agents are introduced by Voice.
- ▶ Low agents are introduced by v.
- ▶ In ergative languages, Voice assigns inherent ergative case.

Prediction: existence of high vs. low agents without ergative case

Confirmed by Indonesian!

Roadmap

Background: two positions for agents

Voice and *v* beyond case: Indonesian

Conclusion

Appendix: Other (non)challenges

- ▶ no case or agreement
- ▶ word order (generally): SVOX
- ▶ Transitive verbs can be **active** or **passive**:*

Active: Agent (ACT-)Verb Theme

Lia sudah **ng-**ambil meja makan-nya.

Lia already **ACT-**take table eat-the

'Lia already took the dining table.'

Passive: Theme **PASS-**Verb Agent

Meja makan-nya **di-**ambil Lia.

table eat-the **PASS-**take Lia

'The dining table was taken by Lia.'

*Also object voice (not relevant here).

- ▶ Most transitive verbs productively combine with active and passive morphology.
- ▶ But some bivalent verbs do not (\approx pseudo-transitives).
- ▶ **Examples:** *dapat* 'receive', *lupa* 'forget', *bicara* 'speak',
butuh 'need' = **low agents / experiencers**

(Stevens 1970; Chung 1975; Vamarasi 1999 on Standard Indonesian)

⇒ **these verbs do not contain Voice**

Low agents are incompatible with Voice: *dapat*

Aku **dapat** buku ini kemarin.

I **receive** book this yesterday

‘I received this book yesterday.’

- * Buku ini **di-dapat** aku kemarin.
book this **PASS-receive** I yesterday

Intended: ‘This book was received by me yesterday.’

Low agents are incompatible with Voice: *lupa*

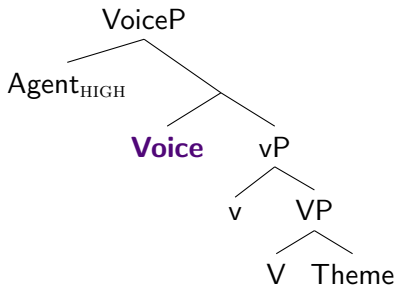
Aku **lupa** istilah bahasa Inggris-nya.
I **forget** phrase language English-the
'I forgot the phrase in English.'

- * Istilah-nya **di-lupa** aku.
phrase-the **PASS-forget** I
Intended: 'The phrase was forgotten by me.'

Transitives versus pseudo-transitives

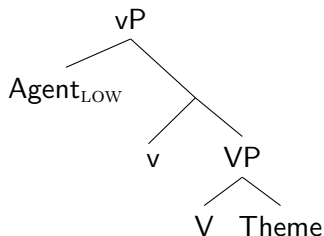
Regular transitives:

- ✓ internal argument
- ✓ high agent
- ✓ voice morphology



Pseudo-transitives:

- ✓ internal argument
- ✗ low agent
- ✗ no voice morphology



- ▶ Pseudo-transitives can be **transitivized** with suffix *-in*.
- ▶ **Result:** increased agentivity and compatibility with voice morphology.

lupa 'forget' vs. *lupa-in* 'erase from memory'

Kejadian itu susah buat **di-lupa-in** Yuni.
incident that hard for **PASS-forget-TRANS** Yuni

'That incident was difficult for Yuni to erase from her memory.'

Istilah-nya **di-lupa-in** aku.
phrase-the **PASS-forget-TRANS** I

Intended: 'The phrase was forgotten by me.'

(It's weird to purposefully erase a phrase from your memory.)

dapat 'receive' vs. *dapat-in* 'procure'

Aku **dapat-in** buku ini kemarin.
I receive-**TRANS** book this yesterday

✓ 'I **procured** this book yesterday.'
(after multiple phone calls to the publisher trying to get a copy)

'I **received** this book yesterday.'
(the publisher sent me a new copy without me asking)

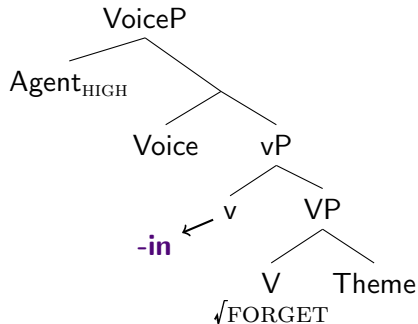
✓ **Compatible with voice:**

Buku ini **di-dapat-in** -nya susah
book this **PASS-receive-TRANS** -the hard

'This book was hard to get.'

Transitivized pseudo-transitives

- ▶ Higher agentivity → agent introduced by Voice
- ▶ *v* is pronounced as *-in* (when adjacent to Voice)



Unergatives don't contain Voice

- ▶ Unergative verbs **are not compatible with voice**, even when combined with an object.

- ▶ **Examples:**

belajar 'study', *main* 'play', *nyanyi* 'sing',
nari 'dance'

- ▶ **Same pattern as in Samoan:**

Samoan → absence of ERG

Indonesian → impossibility of voice morphology

Unergatives don't contain Voice: *belajar*

► Unergative without object:

Desi **belajar** dengan keras

Desi **study** with hard

'Desi studies very hard.'

► Unergative with object:

Yuni cepet **belajar** huruf-nya.

Yuni fast study alphabet-the

'Yuni is learning the alphabet quickly.'

► Not compatible with voice:

* Huruf-nya **di-belajar** Desi.

alphabet-the **PASS-study** Desi

Intended: 'The alphabet is being learned by Desi.'

Unergative + Voice = increased agentivity

- ▶ Unergatives can be “transitivized” with *-in*, like pseudo-transitives.
- ▶ **Result:** increased agentivity and compatibility with voice.

belajar ‘study’ vs. *pelajar-in* ‘peruse / study with intent’

Kamu perlu **pelajar-in** apa malam ini?
you need **study-TRANS** what night this

‘What do you need to study tonight?’

✓ *You have a study plan, with a list of specific topics.*

Generally asking about homework, there is no specific agenda.

✓ **Compatible with voice:**

Peta-nya perlu **di-pelajar-in**
map-the need **PASS-study-TRANS**

‘We need to study the map (before we go).’

Voice and v beyond ergativity: Summary

Transitive (=more agentive) and **unergative** (=less agentive) agents are introduced by **different heads**:

- ▶ High agents by Voice → only compatible with events which include an internal argument.
- ▶ Low agents by v → possible without an internal argument.

In Samoan, Voice assigns inherent ergative case.

In Indonesian, Voice is diagnosed with verbal morphology.

Indonesian confirms:

There are two distinct positions for agents, and the higher one requires an internal argument.

⇒ **Inherent ergative case is not at odds with UTAH.**

Roadmap

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Recap: The challenge we started with

Argument against inherent ergative case:

- ▶ Agents are uniformly introduced in by the same head (UTAH).
- ▶ If this head assigns inherent ergative case to transitive agents, **it should also assign inherent case to unergative agents.**

⇒ All agents (transitive **and unergative**) should be ergative.

The takeaway: Inherent ergative case UTAH

My response:

Transitive agent and unergative agent **are not the same theta-role**.

Supported by:

Samoan (Tollan 2018): ERG agents are introduced higher than ABS agents

Beyond ergativity: 2 classes of bivalent verbs in Indonesian

- ▶ “Regular transitives” which are compatible with voice.
~ **high agent in Spec,VoiceP**
- ▶ “Pseudo-transitives” which are not compatible with voice.
~ **low agent in Spec,vP**

Evidence from bivalent verbs

Both in Samoan and Indonesian, the primary evidence for two types of agents comes from **“misbehaving transitives”**

= bivalent verbs with...

an absolutive agent (Samoan)

no voice alternations (Indonesian)

In addition to providing evidence **for inherent ergative case**,

they present a argument **against dependent ergative case**,
which predicts that **all transitive verbs** should be ERG-ABS.

(See appendix!)

Thank you!

- ▶ West Circassian consultant: Svetlana K. Alishaeva
- ▶ Indonesian consultant: Satyawidya Wulansari
- ▶ Participants of 24.956 (Spring 2023) at MIT, especially Will Oxford

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Other (non)challenges

1. Raising to ergative → challenge for inherent ergative?
2. Transitive verbs without ergative case
→ challenge for dependent ergative?

Ergative case in nonthematic positions

- ▶ Inherent ergative case is assigned together with the agent theta-role.
- ▶ **Prediction:** ergative case should not surface in derived, nonthematic positions.
- ▶ **Challenge:** (Baker 2014; Baker and Bobaljik 2017; Deal 2019)
unaccusative verb + applicative → ergative subject

Raising to ergative in Nez Perce

Deal (2019):

- ▶ Unaccusative verbs can combine with high applicative.
- ▶ **Result:** theme surfaces with ergative case.

Unaccusative: theme is nominative

Ha-'aayat hi-pa-**pay**-no'-kom.

PL-woman.**NOM** 3SUBJ-S.PL-**come**-FUT-CIS

'The women will come.'

Unaccusative + applicative: theme is ergative

Ha-'aayat-**om** nuun-e

PL-woman-**ERG** 1PL-ACC

hi-pa-naas-**pay-noo**-yo'-kom.

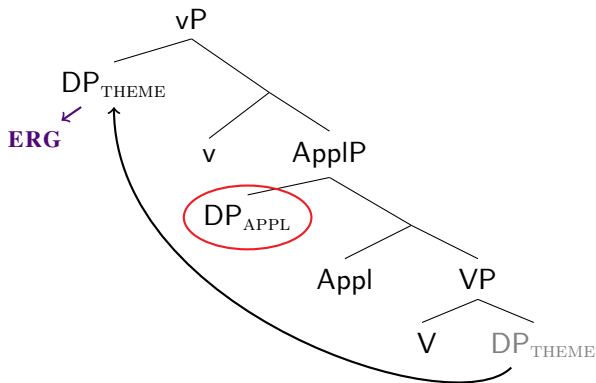
2SUBJ-S.PL-O.PL-**come-APPL**-FUT-CIS

'The women will come to us.'

Raising to ergative in Nez Perce

Deal (2019):

The analysis: theme **raises** to Spec,vP + dependent ergative case



+Some additional assumptions to allow raising over **DP_{APPL}**.

The alternative: different event construal

My proposal:

In Nez Perce, adding an applied argument forces **an agentive event construal**.

⇒ The argument structure is no longer unaccusative.

Benefits:

- ▶ Connection with well-known variability in unaccusative behavior.
- ▶ No need to raise over applied argument (locality issue).
- ▶ Ergative subject is **generated in Spec, VoiceP**

⇒ **No challenge for inherent ergative case!**

Reversing the tables: misbehaving transitives

- ▶ **Prediction of dependent case:** all transitive verbs should have an ergative subject.
- ▶ **Exceptions must:**
involve lexical or inherent case on the internal argument, or
a different underlying syntax
- ▶ But many ergative languages have productive classes of
“intransitive” bivalent predicates.

Absolutive-oblique transitives in Samoan

Na va'ai [le fafine] [i le puleā'oga] (i le maketi).
PST see the woman.ABS OBL the principal OBL the market
'The woman saw the principal (at the market).'

Sā mulimuli [le leoleo] [i le au gaoi].
PST follow the police.ABS OBL the robbers
'The police followed the robbers.' (Tollan 2018:3)

Examples: *fa'alogo* 'hear', *mātamata* 'look at', *fiafia* 'like, enjoy', *alofa* 'love', *mana'o* 'want', *fesili* 'ask', etc. (Tollan 2018:10)

Absolutive-dative transitives in West Circassian

“Regular” transitive: A = ergative; O = absolutive

| A | O | |
|------------------------|-----------------------|-------------------------------|
| [mə pšaše- m] | [laʁe-xe- r] | Ø- j -ethač’ə |
| this girl- ERG | dish-PL- ABS | 3ABS-3SG.ERG -wash.PRS |

‘This girl is washing the dishes.’

Bivalent “intransitives”: A = absolutive; O = dative

| A | O | |
|------------------------|------------------------|--------------------------|
| [mə pšaše- r] | [hač’e-xe- m] | O- ja -že |
| this girl- ABS | guest-PL- OBL | 3ABS-3PL.IO -wait |

‘This girl is waiting for the guests.’

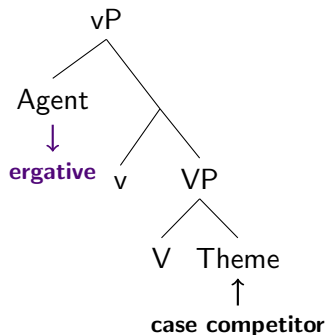
Examples: *jepλən* ‘look’, *jebewən* ‘kiss’, *jewen* ‘hit’, *jeceqen* ‘bite’, *jeçeçen* ‘scold’, *ježen* ‘read’, *jezeš’ən* ‘tire of’, etc.

Dependent case theory pushes the problem down the tree

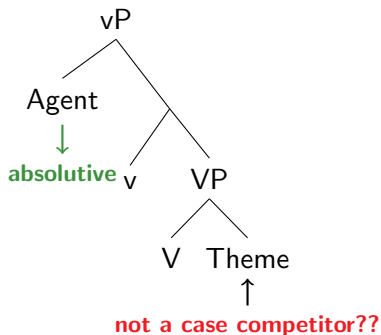
If all agents are introduced in the same position,
and, presumably, all themes are introduced in the same position,
why do some themes get oblique and others absolutive?

The case algorithm conundrum

Ergative-absolutive verbs:



Absolutive-oblique verbs:



And where does oblique come from?

There must be something different about themes?

If agents are the same for ergative-absolutive and absolutive-oblique verbs,

then themes must be different:

- ▶ assigned lexical/inherent case

Problem: too systematic and productive!

- ▶ introduced by a different head (Appl or P)

Problem: counter to UTAH (+ syntactic evidence?)

But isn't this **the same exact problem** as different case on different agents?

Where oblique case on themes comes from

Tollan (2018):

absolutive-oblique is essentially a **nominative-accusative** pattern

- ▶ Burzio's Generalization: *v* assigns “oblique” (=accusative) if it introduces an external argument.
- ▶ For ergative-absolutive verbs:
v does not introduce an argument \Rightarrow no oblique case.

- Aldridge, Edith. 2004. Ergativity and word order in Austronesian languages. PhD diss, Cornell University.
- Aldridge, Edith. 2008. Generative approaches to syntactic ergativity. *Language and Linguistics Compass: Syntax and Morphology* 2.5: 966–995.
- Aldridge, Edith. 2012. Antipassive and ergativity in Tagalog. *Lingua* 122: 192–203.
- Baker, Mark. 2014. On dependent ergative case (in shipibo) and its derivation by phase. *Linguistic Inquiry* 45: 341–379.
- Baker, Mark. 2015. *Case: Its principles and parameters*. Cambridge University Press.
- Baker, Mark, and Jonathan Bobaljik. 2017. On inherent and dependent theories of ergative case. In *The Oxford handbook of ergativity*, eds. J. Coon, D. Massam, and L. Travis, 111–134. Oxford University Press.
- Baker, Mark C. 1997. Thematic roles and syntactic structure. In *Elements of grammar: Handbook in generative syntax*, ed. Liliane Haegeman, 73–137. Springer.
- Burukina, Irina, and Maria Polinsky. 2025. The antipassive and verbal projections. *Journal of Linguistics* Published online 2025: 1–35.
doi:10.1017/S0022226725000064.
- Chung, Sandra. 1975. On the subject of two passives in Indonesian. In *Subject and topic*, ed. Charles N. Li, 57–98. Academic Press.
- Coon, Jessica. 2013. *Aspects of split ergativity*. Oxford University Press.

References (cont.)

- Deal, Amy Rose. 2019. Raising to ergative: Remarks on applicatives of unaccusatives. *Linguistic Inquiry* 50 (2): 388–415.
- Dowty, David. 1991. Thematic proto-roles and argument selection. *Language* 67 (3): 547–619.
- Ershova, Ksenia. 2019. Syntactic ergativity in West Circassian. PhD diss, University of Chicago.
- Ershova, Ksenia. 2023. Ergatives are special: Parasitic resumptives and the Ergative Extraction Constraint in Samoan. Presentation at LSA 97.
- Folli, Raffaella, and Heidi Harley. 2013. The syntax of argument structure: Evidence from Italian complex predicates. *Journal of Linguistics* 49 (1): 93–125. doi:10.1017/S0022226712000072.
- Krejci, Bonnie. 2020. Syntactic and semantic perspectives on first conjunct agreement in Russian. PhD diss, Stanford University.
- Legate, Julie Anne. 2008. Morphological and abstract case. *Linguistic Inquiry* 39(1): 55–101. doi:10.1162/ling.2008.39.1.55.
- Legate, Julie Anne. 2017. The locus of ergative case. In *The Oxford handbook of ergativity*, eds. Jessica Coon, Diane Massam, and Lisa deMena Travis, 135–158. Oxford University Press.
- Levin, Beth, and Malka Rappoport Hovav. 1994. *Unaccusativity: At the syntax-semantics interface*. MIT Press.

References (cont.)

- Massam, Diane. 2006. Neither absolutive nor ergative is nominative or accusative. In *Ergativity: Emerging issues*, eds. Alana Johns, Diane Massam, and Juvenal Ndayiragije, 27–46. Springer.
- Massam, Diane. 2009. The structure of (un)ergatives. In *Proceedings of the Sixteenth Meeting of the Austronesian Formal Linguistics Association (AFLA 16)*, eds. Sandra Chung, Daniel Finer, Ileana Paul, and Eric Potsdam, 125–135. University of California, Santa Cruz.
- McGinnis, Martha. 2022. Configurationally defined Voice and v: Evidence from Georgian causatives. In *Building on Babel's rubble*, eds. Isabella Roy, Nora Boneh, Daniel Harbour, and Ora Matushansky, 317–334. Presses Universitaires de Vincennes.
- Mosel, Ulrike, and Even Hovdhaugen. 1992. *Samoan reference grammar*. Scandinavian University Press.
- Nash, Léa. 1996. The internal ergative subject hypothesis. In *Proceedings of the North East Linguistic Society*, Vol. 26, 195–210. GLSA.
- Nash, Léa. 2022. Nonunitary structure of unergative verbs in Georgian. *Natural Language and Linguistic Theory* 40: 1201–1267.
- Öztürk, Balkız. 2021. Transitive unergatives in Pazar Laz. *Glossa: a journal of general linguistics* 6 (1): 23. doi:10.5334/gjgl.828.
- Pesetsky, David. 1982. Paths and categories. PhD diss, MIT.

References (cont.)

- Pesetsky, David. 1995. *Zero syntax: Experiencers and cascades*. MIT Press.
- Rosen, Carol G. 1984. The interface between semantic roles and initial grammatical relations. In *Studies in Relational Grammar 2*, eds. David M. Perlmutter and Carol G. Rosen, 38–77. University of Chicago Press.
- Sheehan, Michelle. 2017. Parametrizing ergativity: An inherent case approach. In *The Oxford handbook of ergativity*, eds. Jessica Coon, Diane Massam, and Lisa deMena Travis. Oxford University Press.
- Stevens, Alan M. 1970. Pseudo-transitives in Indonesian. *Indonesia* 9: 67–72.
- Tollan, Rebecca. 2018. Unergatives are different: Two types of transitivity in Samoan. *Glossa: A journal in general linguistics* 3 (1): 35.
- Tollan, Rebecca, and Diane Massam. 2022. Licensing unergative objects in ergative languages: The view from Polynesian. *Syntax* 25 (2): 242–275.
- Tollan, Rebecca, and Will Oxford. 2018. Voice-less unergatives: Evidence from Algonquian. In *Proceedings of the 35th West Coast Conference on Formal Linguistics*, eds. Wm. G. Bennet, Lindsay Hracs, and Dennis Ryan Storoshenko, 399–408. Cascadia Proceedings Project.
- Vamarasi, Marit Kana. 1999. *Grammatical relations in Bahasa Indonesia*. Pacific Linguistics.
- Woolford, Ellen. 1997. Four-way case systems: Ergative, nominative, objective, and accusative. *Natural Language and Linguistic Theory* 15: 181–227.

References (cont.)

- Woolford, Ellen. 2006. Lexical case, inherent case, and argument structure. *Linguistic Inquiry* 37/1: 111–130. doi:10.1162/002438906775321175.
- Yuan, Michelle. 2018. Dimensions of ergativity in Inuit: Theory and microvariation. PhD diss, MIT.
- Yuan, Michelle. 2022. Ergativity and object movement across Inuit. *Language* 98 (3): 510–551.
- Zompì, Stanislao. 2019. Ergative is not inherent: Evidence from *ABA in suppletion and syncretism. *Glossa: a journal of general linguistics* 4 (1): 73. doi:10.5334/gjgl.816.