

Supplementary File 3: Data set for Figure 3. Summary of L1 studies on ergative-absolutive languages

This appendix includes data sources for Figure 3 in the main text, ordered alphabetically by language and chronologically by study. In the following table, each row represents a single experiment/task unless the study reports only combined results.

Children's age information is reported in parentheses.

Abbreviations: AbsS: absolutive subject, A: transitive subject (detransitivized through agent focus or antipassivized), ErgA: ergative subject, AbsO: absolute object, > indicates preference to the right. C: comprehension, P: Production.

Language	Word order	Head direction	Study	Population	Domain	Results
Avar	SOV	prenominal	Polinsky et al. 2012	adults	C	AbsS > ErgA = AbsO
Basque	SOV	prenominal	Carreiras et al. 2010	adults	C	AbsO > ErgA
			Gutierrez-Mangado 2011	children (4;02–6;01)	C	AbsO > ErgA
			Gutierrez-Mangado & Ezeizabarrena 2012	children (Ms = 4.1, 6.2)	C	AbsO > ErgA
				children (M = 5.6)	P	ErgA > AbsO
Mayan (Ch'ol)	VOS	postnominal	Clemens et al. 2015	adults	C	ErgA > AbsO > AbsS
Mayan (Q'anjob'al)	VSO	postnominal			C	Abs S > ErgA > AbsO
Niuean	VSO	postnominal	Longenbaugh & Polinsky 2016	adults	P	AbsS > ErgA = AbsO
Tongan	VSO	postnominal	Ono et al. 2020a	adults	C	AbsO > ErgA
			Ono et al. 2020b	adults	C	AbsS > ErgS = AbsO

References

- Carreiras, Manuel, Jon Andoni Duñabeitia, Marta Vergara, Irene de la Cruz-Pavía & Itziar Laka. 2010. Subject relative clauses are not universally easier to process: Evidence from Basque. *Cognition* 115(1). 79–92. DOI: <https://doi.org/10.1016/j.cognition.2009.11.012>
- Clemens, Lauren Eby, Jessica Coon, Pedro Mateo Pedro, Adam Milton Morgan, Maria Polinsky, Gabrielle Tandet & Matthew Wagers. 2015. Ergativity and the complexity of extraction: A view from Mayan. *Natural Language & Linguistic Theory* 33(2). 417–467. DOI: <https://doi.org/10.1007/s11049-014-9260-x>
- Gutierrez-Mangado, M. Juncal. 2011. Children's comprehension of relative clauses in an ergative language: The case of Basque. *Language Acquisition* 18(3). 176–201. DOI: <https://doi.org/10.1080/10489223.2011.580674>
- Gutierrez-Mangado, M. Juncal & María-José Ezeizabarrena. 2012. Asymmetry in child comprehension and production of Basque subject and object relative clauses. In Alia Biller, Esther Chung & Amelia Kimball (eds.), *Proceedings of the 36th Boston University Conference on Language Development (BUCLD) Online Proceedings Supplement*. <http://www.bu.edu/bucld/files/2012/07/Gutierrez-Mangado-36.pdf>

- Longenbaugh, Nicholas & Maria Polinsky. 2016. The processing of long-distance dependencies in Niuean. In Henrison Hsieh (ed.), *AFLA 22: Proceedings of the 22nd Meeting of the Austronesian Formal Linguistics Association* (Asia-Pacific Linguistics 27), 98–120. Canberra: Asia-Pacific Linguistics. <http://hdl.handle.net/1885/101155>
- Ono, Hajime, Koichi Otaki, Manami Sato, ‘Ana Heti Veikune, Peseti Vea, Yuko Otsuka & Masatoshi Koizumi. 2020. Relative clause processing in Tongan: An effect of syntactic ergativity in the object preference. In Ileana Paul (ed.) *AFLA 26: Proceedings of the 26th Meeting of the Austronesian Formal Linguistics Association*, 192–208. Ontario: University of Western Ontario. <https://ir.lib.uwo.ca/afla/aflaxxvi/meeting/12/>
- Ono, Hajime, Koichi Otaki, Manami Sato, ‘Ana Heti Veikune, Peseti Vea, Yuko Otsuka & Masatoshi Koizumi. 2020. Processing syntactic ergativity in Tongan relative clauses. Paper presented at the 27th annual meeting of the Austronesian Formal Linguistics Association (AFLA 27), Singapore, Aug 20–22.
- Polinsky, Maria, Carlos Gómez Gallo, Peter Graff & Ekaterina Kravtchenko. 2012. Subject preference and ergativity. *Lingua* 122(3). 267–277. DOI: <https://doi.org/10.1017/S027226311000077X>