

Language name	x	y	source 1	source 2
Aceh	96.6032	3.90757	Durie, Mark. 1985. <i>A Grammar of Acehnese: On the Basis of a Dialect of North Aceh</i> . Dordrecht: Foris Publications.	
Alorese	124.264	-8.20382	Klamer, Marian. 2011. <i>A Short Grammar of Alorese (Austronesian)</i> . München: Lincom GmbH.	
Ambai	136.526	-1.88126	Silzer, Peter. 1983. <i>Ambai: An Austronesian Language of Irian Jaya, Indonesia</i> . Australian National University. Phd thesis, Australian National University.	
Ambel	130.917	-0.17957	Arnold, Laura. 2018. <i>A grammar of Ambel: An Austronesian language of Raja Ampat, west New Guinea</i> . Phd thesis, University of Edinburgh.	
Asilulu	127.952	-3.67302	Collins, James T. 2003. <i>Asilulu-English Dictionary</i> . Jakarta: Badan Penyelenggaraan Seri Nusa, Universitas Katolik Indonesia Atma Jaya.	
Bakatik	109.576	1.3307	Sudarsono, P. D. 2002. <i>Description of the Bakatik Dayak language</i> . Phd thesis, LaTrobe University.	
Balaesang	119.608923	-0.008861	Garantjang, Ahmad, Dahlan Kajia, Hasan Basri, and Munir Salham. 1985. <i>Struktur Bahasa Balaesang</i> . Jakarta: Jakarta: Pusat Bahasa.	Himmelmann, Nikolaus P. 2001. <i>Sourcebook on Tomini-Tolitoli Languages</i> . Canberra: Pacific Linguistics.
Balantak	123.289	-0.86809	Berg, René van den, and Robert L. Busenitz. 2012. <i>A Grammar of Balantak, a Language of Eastern Sulawesi</i> . SIL E-Books. SIL International.	
Balinese	115.075	-8.35714	Clynes, Adrian. 1995. <i>Topics in the phonology and morphosyntax of Balinese based on a dialect of Singaraja, North Bali</i> . Phd thesis, Australian National University.	
Banggai	123.171	-1.58305	Bergh, G D van den. 1953. <i>Spraakunst van Het Banggai</i> . The Hague: Martinus Nijhoff.	
Batad Ifugao	121.23	16.8266	Newell, Leonard E. 1993. <i>Batad Ifugao Dictionary: With Ethnographic Notes</i> . Manila: Linguistic Society of the Philippines.	
Begak	118.515	5.29059	Goudswaard, Nelleke. 2005. <i>The Begak (Ida'an) Language of Sabah</i> . 107. Phd thesis, Vrije Universiteit Amsterdam.	
Biak	135.879	-0.9523	van den Heuvel, Wilco. 2006. <i>Biak: Description of an Austronesian language of Papua</i> . Phd thesis, Vrije Universiteit Amsterdam.	
Bikol	123.403	13.7574	Malcolm Mintz, personal communication	
Bima	118.445	-8.57376	Jonker, Johann Christoph Gerhard. 1896. <i>Bimaneesche spraakunst</i> . Batavia: Bataviaasch Genootschap.	
Bobongko	121.922	-0.36759	Mead, David E. 2001. <i>A Preliminary Sketch of the Bobongko Language</i> . In <i>Studies in Sulawesi Linguistics: Part VII</i> , edited by Wyn D Laidig. Jakarta: Universitas Katolik Indonesia Atma Jaya.	Mead, David E. 2018. <i>A Brief Dictionary of Bobongko (Central Sulawesi)</i> . Sulawesi Language Alliance. http://sulang.org/sites/default/files/sulangdict004-v1.pdf
Bontok	121.02662	17.09386	Reid, Lawrence A. 1976. <i>Bontok-English dictionary</i> . Canberra: Pacific Linguistics.	Betty A. Nava. 1986. <i>A grammatical sketch of Mainit Bontoc</i> . MA thesis, University of the Philippines.
Buginese	119.977	-4.47	Hanson, Christopher John. 2002. <i>Aspects of the Grammar of Bugis Based on the Soppeng Dialect</i> . Phd thesis, LaTrobe University.	
Buru	126.632	-3.43957	Grimes, Charles E. 1991. <i>The Buru Language of Eastern Indonesia</i> . Phd thesis, Australian National University.	
Cebuano	124.367	8.38799	Tanangkingsing, Michael. 2009. <i>A Functional Reference Grammar of Cebuano</i> . Phd thesis, National Taiwan University.	
Central Lembata	123.44	-8.47094	Fricke, H.L.A. 2019. <i>Traces of language contact: The Flores-Lembata languages in eastern Indonesia</i> . Phd thesis, Leiden University.	
Central Tagbanwa	119.338	10.6519	Scebold, Robert A. 2003. <i>Central Tagbanwa: A Philippine Language on the Brink of Extinction; Sociolinguistics, Grammar, and Lexicon</i> . Manila: Linguistic Society of the Philippines.	
Chamorro	144.74474	13.438011	Topping, Donald M. 1980. <i>Spoken Chamorro: with grammatical notes and glossary</i> . (PALI language texts : Micronesia.) Honolulu: Univ. Press of Hawaii.	
Dadu'a	125.902	-7.84385	David Penn. 2006. <i>Introducing Dadu'a: Uma língua de Timor-Leste</i> . Honours thesis, University of New England.	
Dhao	122.658	-10.8098	Balukh, Jermy. 2020. <i>Grammar of Dhao</i> . Phd thesis, Leiden University.	
Dupaningan Agta	122.188	17.3748	Robinson, Laura C. 2011. <i>Dupaningan Agta: Grammar, Vocabulary, and Texts</i> . Canberra: Pacific Linguistics.	
Dusner	134.391	-2.73859	Dalrymple, Mary and Suriel Mofu. 2012. <i>Dusner</i> . München: Lincom.	
Embaloh	112.63	1.3156	Adelaar, K. Alexander. 1995. <i>Problems of Definiteness and Ergativity in Embaloh</i> . <i>Oceanic Linguistics</i> 34. 375-409.	
Ende	121.555	-8.70998	McDonnell, Bradley. 2006. <i>Possessive structures in Ende: a language of Eastern Indonesia</i> .	
Fordata	131.511	-7.28902	Drabbe, Peter. 1926. <i>Spraakleer der Fordaatsche Taal. Verhandelingen van het Bataviaasch Genootschap 67/1-2</i> . The Hague: M.Nijhoff / Batavia: Albrecht & Co.	
Gayo	97.3456	4.3733	Eades, Domenyk. 2005. <i>A Grammar of Gayo: A Language of Aceh, Sumatra</i> . The Australian National University: Pacific Linguistics.	
Hanunoo	121.221	12.4159	Epo, Jane S. 2014. <i>Discourse Analysis of Suyot: A Hanunuo-Mangyan Folk Narrative</i> . Phd thesis, Pattaya University.	Lobel, Jason William. 2013. <i>Philippine and North Bornean Languages: Issues in Description, Subgrouping, and Reconstruction</i> . Phd thesis, University of Hawai'i at Mānoa.
Hawu	121.847	-10.5522	Walker, Alan T. 1982. <i>Grammar of Sawu</i> . Jakarta: Universitas Katolik Indonesia Atma Jaya.	
Hewa	122.38	-8.67302	Fricke, Hanna. 2014. <i>Topics in the Grammar of Hewa: A variety of Sika in Eastern Indonesia</i> . MA thesis, Leiden University.	
Ibaloy	120.695	16.4263	Ruffolo, Roberta. 2005. <i>Topics in the Morpho-Syntax of Ibaloy, Northern Philippines</i> . Phd thesis, Australian National University.	
Ibatan	121.909	18.9398	Maree, Rundell D. 2007. <i>Ibatan: A grammatical sketch of the language of Babuyan Claro Island</i> . Manila: Linguistic Society of the Philippines.	Kristina Gallego, personal communication
Ilocano	120.993	15.9361	Rubino, Carl Ralph Galvez. 1997. <i>A Reference Grammar of Ilocano</i> . Phd thesis, University of California at Santa Barbara.	
Irarutu	133.586	-2.94438	Jackson, Jason. 2014. <i>A grammar of Irarutu</i> . Phd thesis, University of Hawai'i at Mānoa.	van den Berg, Rene & Takashi Matsumura. 2008. <i>Possession in Irarutu</i> . <i>Oceanic Linguistics</i> 47:1: 213-222.
Iraya	120.65	13.381	Lawrence Reid, personal communication	
Kaili Ledo	120.132	-1.03033	Esser, Samuel J. 2015. <i>Introduction to 'Guide to the Study of the Ledo Language', a Translation of Part of Esser (1934) by Anneke de Vries and David Mead</i> . URL: http://sulang.org/resources/translations-dutch/009 .	Evans, Donna. 2003. <i>Kamus Kaili-Ledo - Indonesia - Inggris (Kaili-Ledo - Indonesian - English Dictionary)</i> . Palu: Pemerintah Daerah Propinsi Sulawesi Tengah, Dinas Kebudayaan dan Pariwisata.

Kambara	120.235	-9.88447	Klamer, Marian. 1998. <i>A Grammar of Kambara</i> . Berlin/New York: Berlin: Mouton de Gruyter.	
Karo Batak	98.2517	2.12787	Woolams, Geoff. 1996. <i>A Grammar of Karo Batak, Sumatra</i> . Canberra: Pacific Linguistics.	
Kedang	123.77	-8.23039	Samely, Ursula. 1991. <i>Kedang (Eastern Indonesia): some aspects of its grammar</i> . Hamburg: Helmut Buske.	
Kelabit	115.428	3.31783	Hemmings, Charlotte. 2016. The Kelabit language: Austronesian voice and syntactic typology. PhD Thesis. SOAS, University of London.	
Kemak	125.159	-9.00299	Schapper, Antoinette. 2009. Possession in Kemak. Paper presented at the 11th International Conference on Austronesian Linguistics, June 21–25. Aussois, France.	
Keo	121.256	-8.8704	Baird, Louise. 2002. A Grammar of Keo: An Austronesian Language of East Nusantara. Phd thesis, The Australian National University.	
Kerinci	101.403	-1.93668	McKinnon, Timothy A. 2011. The Morphophonology and Morphosyntax of Kerinci Word-Shape Alternations. Phd thesis, University of Delaware.	
Laboya	119.344	-9.70434	Verdzade, Allahverdi. 2019. Selected topics in the phonology and morphosyntax of Laboya: A field study. MA thesis, Stockholm University.	
Laiyolo	120.483	-6.45512	Laidig, Wyn D. n.d. "Loa' - Sulawesi Sentence List: Loa' (Barang-Barang) with Layolo, Kalao, and Wotu."	
Lamaholot Lewotobi	122.747	-8.54573	Nagaya, Naonori. 2015. Possession and nominalization in Lamaholot. Presentation at 13th International Conference on Austronesian Linguistics, July 18-23, Academia Sinica, Taiwan.	
Lamaholot Solor	122.803	-8.36439	Kroon, Yosep Bisara. 2016. A grammar of Solor-Lamaholot: A Language of Flores, Eastern Indonesia. Phd thesis, University of Adelaide.	
Lampung	105.037	-5.73463	Walker, Dale F. 1976. <i>A Grammar of the Lampung Language</i> . Jakarta: Badan Penyelenggara Seri Nusa Universitas Katolik Atma Jaya Jakarta.	
Leti	127.674	-8.19808	Engelenhoven, Aone van. 2004. <i>Leti: A Language of Southwest Maluku</i> . Leiden: KITLV Press.	
Lio	121.832	-8.68615	Elias, Alexander. 2018. Lio and the Central Flores languages. MA thesis, Leiden University.	
Luang	127.944	-8.18378	Taber, Kathleen B. and Mark H. Taber. 2015. Luang Grammar and Phonology Sketch. Dallas: SIL International.	
Ma'anyan	115.092	-2.1239	Gudai, Darmansyah H. 1985. A grammar of Maanyan: A language of Central Kalimantan. Phd thesis, Australian National University.	
Madura	113	-7	Davies, William D. 2010. A Grammar of Madurese. Berlin: Mouton de Gruyter.	
Makasar	119.838	-5.65551	Jukes, Anthony. 2006. Makassarese (Basa Mangkasara'): A Description of an Austronesian Language of South Sulawesi. Phd Thesis, The University of Melbourne.	
Mamanwa	125.548	9.44744	Miller, Helen W. and Jeanne Miller. 1976. <i>Mamanwa Grammar</i> . Vol. 8. Language Data, Asian-Pacific Series. Huntington Beach, California: Summer Institute of Linguistics.	
Manggarai	120.329	-8.55748	Semiun, Agustinus. 1993. The Basic Grammar of Manggarai. MA Thesis, La Trobe University.	
Mateq	110.468	0.66181	Connell, Timothy M. 2013. A sketch grammar of Matéq: A Land Dayak language of West Kalimantan. MA thesis, University of Canterbury.	
Matigsalug	125.16	7.72124	Elias, Alexander. 2018. Lio and the Central Flores languages. MA thesis, Leiden University.	
Minangkabau	100.44	-0.896	Moussay, Gerard, and Rayahu S Hidayat. 1998. <i>Tata bahasa Minangkabau</i> . Jakarta: Kepustakaan Popular Gramedia.	
Moklen	98.3176	8.16761	Larish, Michael David. 1999. The Position of Moken and Moklen Within the Austronesian Language Family (Thailand). Ann Arbor: UMI. Phd thesis, University of Hawai'i at Mānoa.	
Moor	135.95	-2.87055	David Kamholz personal communication	
Mori Bawah	121.37	-2.56016	Samuel J. Esser and David Mead. 2011. <i>Phonology and Morphology of Mori</i> . Dallas: SIL International.	
Mualang	111.08	0.31	Johanny Tjia. 2007. A Grammar of Mualang: An Ibanic Language of Western Kalimantan, Indonesia. Phd thesis, Leiden University.	
Muna	122.541	-5.40419	Berg, René van den. 1989. <i>A Grammar of the Muna Language</i> . Dordrecht: Foris.	
Naueti	126.741	-8.70733	Veloso, Alexandre. 2016. A grammar sketch of Naueti, a language of East Timor. MA thesis, Leiden University.	
Nias Selatan	97.4961	0.90691	Brown, Lea. 2001. A Grammar of Nias Selatan. Phd Thesis, University of Sydney.	
Northern Subanen	123.588	8.5232	Daguman, Josephine. 2004. A Grammar of Northern Subanen. Phd Thesis, LaTrobe University.	
Nuauulu	129.148	-3.23411	Bolton, Rosemary Ann. 1990. A Preliminary description of Nuauulu Phonology and Grammar. MA thesis, University of Texas at Arlington.	
Padoe	121.236	-2.60642	Karhunen, Marjo. 1994. The Noun Phrase in Padoe. In <i>Studies in Sulawesi Linguistics III</i> , edited by James N. Sneddon, 36:17–48. NUSA. Jakarta: Universitas Katolik Indonesia Atma Jaya.	
Paku	115.087	-1.9063	Iper, Dunis. 2002. <i>Struktur Bahasa Paku</i> . Jakarta: Departemen Pendidikan dan Kebudayaan.	
Palauan	134.476678	7.34138	Lewis S. Josephs. 1975. <i>Palauan Reference Grammar</i> . Honolulu: University of Hawaii Press.	
Pamona	121.268	-1.62663	Adriani, Nicolaus. 1931. <i>Spraakkunst Der Bare'e-Taal</i> . Bandoeng: A. C. Nix.	
Pampangan	120.502	14.9603	Gonzalez, Andrew. 1981. <i>Pampangan: Towards a Meaning-Based Description</i> . Canberra: Pacific Linguistics.	Erik Zobel, personal communication
Ratahan	124.858	1.07592	Himmelman, Nikolaus P, and John U Wolff. 1999. <i>Toratán (Ratahan)</i> . München: Lincom.	
Rongga	120.702	-8.84604	I Wayan Arka and Jeladu Kosmas and I Nyoman Suparsa. 2007. <i>Bahasa Rongga: Tatabahasa Acuan Ringkas</i> . Jakarta: Penerbit Universitas Atma Jaya.	

Salako	109.467	1.47957	Adelaar, K. Alexander. 2005. <i>Salako or Badamea: sketch grammar, text and lexicon of a Kanayatn dialect in West Borneo</i> . Wiesbaden: Harrassowitz.	
Sawai	128.086	0.51111	Whisler, Jacqui. 1996. A grammar of Sawai. Unpublished manuscript.	
Selaru	130.961	-8.18376	Coward, David. 2005. An introduction to the Grammar of Selaru. Version 2. Unpublished manuscript, SIL. URL: https://www.sil.org/resources/archives/54636	
Southern Sama	119.483887	4.755836	Akamine, Jun. 2003. <i>A Basic Grammar of Southern Sinama</i> . ELPR A3-012. Osaka Gakuin University, Japan: Osaka Gakuin University, Japan: Endangered Languages of the Pacific Rim, Faculty of Informatics.	
Sundanese	107.106	-6.89708	Müller-Gotama, Franz. 2001. <i>Sundanese</i> . München: Lincom.	
Taba	127.423	0.07337	Bowden, John. 2001. <i>Taba: Description of a Southern Halmahera Language</i> . Canberra: Pacific Linguistics.	
Tagalog	121.747	14.06	Schachter, Paul, and Fe T. Otanes. 1972. <i>Tagalog Reference Grammar</i> . Berkeley and Los Angeles: Berkeley and Los Angeles: University of California Press.	
Tajio	119.997581	-0.238467	Mayani, Luh Anik. 2013. A Grammar of Tajio: A Language Spoken in Central Sulawesi. PhD Thesis, Universität zu Köln.	
Tatana	115.553	5.49808	Dillon, John A. 1994. A grammatical description of Tatana'. MA thesis, University of Texas at Arlington.	
Tboli	124.538	6.20377	Porter, Doris. 1977. <i>A Tboli Grammar</i> . Manila: Linguistic Society of the Philippines.	Forsberg, Vivian M. 1992. A Pedagogical Grammar of Tboli. Self published.
Tetun Fehan	125.528	-9.11217	Catharina Lumien van Klinken. 1999. <i>A Grammar of the Fehan Dialect of Tetun: An Austronesian language of West Timor</i> . Canberra: Pacific Linguistics.	
Toba Batak	99.1761	2.35498	van der Tuuk, H. N. 1971. <i>A Grammar of Toba Batak</i> . The Hague: Martinus Nijhoff.	
Tondano	124.964	1.28024	Brickell, Timothy C. 2014. A Grammatical Description of the Tondano (Toundano) Language. Phd thesis, LaTrobe University.	
Tukang Besi North	123.578	-5.30994	Donohue, Mark. 1999. <i>A Grammar of Tukang Besi</i> . Berlin, New York: Mouton de Gruyter.	
Uab Meto	124.144	-9.77284	Edwards, Owen. 2015. Metathesis and Unmetathesis: Parallelism and Complementarity in Amarasi, Timor. Phd thesis, the Australian National University.	
Ujir	134.257	-5.69329	Antoinette Schapper fieldnotes	
Uma	119.968	-1.70416	Esser, S. J. 1964. <i>De Uma-Taal (West Midden-Celebes): Spraakkunstige Schets En Teksten</i> . The Hague: Martinus Nijhoff.	
Waima'a	126.317	-8.53416	Bowden, John, John Hajek and Nikolaus Himmelmann. Nd. Waima'a sketch. Unpublished manuscript.	
Waropen	136.633	-2.31142	van den Berg, René. 2009. Possession in South Halmahera West New Guinea: typology and reconstruction. In Adelaar, K. Alexander and Pawley, Andrew (eds.), <i>Austronesian historical linguistics and culture history: a festschrift for Robert Blust</i> , 327-357. Canberra: Pacific Linguistics.	
West Coast Bajau	116.124	6.00631	Miller, Mark T. 2007. A Grammar of West Coast Bajau. University of Texas Arlington. PhD thesis, University of Texas at Arlington.	
Yakan	122.021729	6.531023	Brainard, Sherri and Behrens, Dietlinde. 2002. <i>A grammar of Yakan</i> . Manila: Linguistic Society of the Philippines.	

Language name	x	y	PSR - PSM	PSM - PSR	Notes: u = unmarked order; m = marked order
Aceh	96.6032	3.90757		u	
Alorese	124.264	-8.20382	u		
Ambai	136.526	-1.88126	u		
Ambel	130.917	-0.17957	u		
Asilulu	127.952	-3.67302	u		
Bakatik	109.576	1.3307		u	
Balaesang	119.608923	-0.008861		u	
Balantak	123.289	-0.86809		u	
Balinese	115.075	-8.35714		u	
Banggai	123.171	-1.58305	u		
Batad Ifugao	121.23	16.8266		u	
Begak	118.515	5.29059		u	
Biak	135.879	-0.9523	u	u	Lexical noun precedes possessum; possessive determiner follows possessum
Bikol	123.403	13.7574	u	u	Two orders with both pronominal and nominal possessor (like Tagalog) - preposed locative vs post-posed genitive, source does not mention which is marked. Also, alternate word orders with any na/ng-linked modifiers (like Tagalog).
Bima	118.445	-8.57376		u	
Bobongko	121.922	-0.36759		u	
Bontok	121.02662	17.09386		u	
Buginese	119.977	-4.47		u	
Buru	126.632	-3.43957	u		
Cebuano	124.367	8.38799	m	u	
Central Lembata	123.44	-8.47094	u		
Central Tagbanwa	119.338	10.6519	m	u	
Chamorro	144.74474	13.438011		u	
Dadu'a	125.902	-7.84385	u		
Dhao	122.658	-10.8098		u	
Dupaningan Agta	122.188	17.3748		u	
Dusner	134.391	-2.73859	u		Lexical noun precedes possessum; possessive determiner follows possessum
Embaloh	112.63	1.3156		u	
Ende	121.555	-8.70998		u	
Fordata	131.511	-7.28902	u		
Gayo	97.3456	4.3733		u	
Hanunoo	121.221	12.4159	u	u	
Hawu	121.847	-10.5522		u	
Hewa	122.38	-8.67302	u	u	where a possessor is expressed by a noun it precedes the possessum, while a possessor expressed by a possessive pronoun follows the possessum.
Ibaloy	120.695	16.4263		u	
Ibatan	121.909	18.9398		u	Maree (2007: 49) says that possessive pronouns can be used emphatically in a prepossession adnominally. However, no examples of this can be identified in the grammar. Galego (pers. comm.) also says that this is not possible.
Ilocano	120.993	15.9361		u	
Irarutu	133.586	-2.94438	u	m	
Iraya	120.65	13.381	u	u	Psr-Psm order with pronominal possessor, Psm-Psr with nominal possessor
Kaili Ledo	120.132	-1.03033		u	
Kambera	120.235	-9.88447		u	
Karo Batak	98.2517	2.12787		u	
Kedang	123.77	-8.23039	u	m	
Kelabit	115.428	3.31783	m	u	
Kemak	125.159	-9.00299	u	m	
Keo	121.256	-8.8704		u	
Kerinci	101.403	-1.93668		u	
Laboya	119.344	-9.70434		u	
Laiyolo	120.483	-6.45512		u	
Lamaholot Lewotobi	122.747	-8.54573	u	u	where a possessor is expressed by a noun it precedes the possessum, while a possessor expressed by a possessive pronoun follows the possessum.
Lamaholot Solor	122.803	-8.36439	u	u	where a possessor is expressed by a noun it precedes the possessum, while a possessor expressed by a possessive pronoun follows the possessum.
Lampung	105.037	-5.73463		u	
Leti	127.674	-8.19808	u		
Lio	121.832	-8.68615	u	u	where a possessor is expressed by a noun it precedes the possessum, while a possessor expressed by a possessive pronoun follows the possessum.
Luang	127.944	-8.18378	u		
Ma'anyan	115.092	-2.1239		u	
Madura	113	-7	u	u	Psr-Psm order only found with 1sg, all other possessors (pronominal, nominal) are post-posed
Makasar	119.838	-5.65551		u	
Mamanwa	125.548	9.44744	m	u	Marked order with pre-posed oblique pronoun.
Manggarai	120.329	-8.55748		u	
Mateq	110.468	0.66181		u	
Matigsalug	125.16	7.72124	m	u	
Minangkabau	100.44	-0.896		u	
Moklen	98.3176	8.16761		u	
Moor	135.95	-2.87055	u	m	
Mori Bawah	121.37	-2.56016		u	
Mualang	111.08	0.31		u	
Muna	122.541	-5.40419		u	
Naueti	126.741	-8.70733	u	m	
Nias Selatan	97.4961	0.90691		u	
Northern Subanen	123.588	8.5232		u	
Nuauulu	129.148	-3.23411	u		
Padoe	121.236	-2.60642		u	
Paku	115.087	-1.9063		u	
Palauan	134.476678	7.34138	u	u	
Pamona	121.268	-1.62663	m	u	
Pampanggan	120.502	14.9603	m	u	
Ratahan	124.858	1.07592		u	
Rongga	120.702	-8.84604		u	

Salako	109.467	1.47957		u	
Sawai	128.086	0.51111	u		
Selaru	130.961	-8.18376	u		
Southern Sama	119.483887	4.755836		u	
Sundanese	107.106	-6.89708	m	u	In Sundanese the unmarked position for a possessor is post-posed to the possessum, but 1st and 2nd person possessors are preposed when they are encoded by dedicated honorific pronouns
Taba	127.423	0.07337	u		
Tagalog	121.747	14.06	m	u	
Tajio	119.997581	-0.238467		u	
Tatana	115.553	5.49808	m	u	
Tboli	124.538	6.20377	m	u	
Tetun Fehan	125.528	-9.11217	u	m	
Toba Batak	99.1761	2.35498		u	
Tondano	124.964	1.28024		u	
Tukang Besi North	123.578	-5.30994		u	
Uab Meto	124.144	-9.77284	u		
Ujir	134.257	-5.69329	u		
Uma	119.968	-1.70416		u	
Waima'a	126.317	-8.53416	u	m	
Waropen	136.633	-2.31142	u		
West Coast Bajau	116.124	6.00631		u	
Yakan	122.021729	6.531023		u	

Language name	x	y	No marker (big circle)	Free marker - nonpersonal	Marker bound to PSM - nonpersonal	Marker bound to PSR - nonpersonal	Free marker - personal	Marker bound to PSM - personal	Marker bound to PSR - personal
Aceh	96.6032	3.90757	v						
Alorese	124.264	-8.20382					v		
Ambai	136.526	-1.88126					v	v	
Ambel	130.917	-0.17957					v	v	
Asilulu	127.952	-3.67302						v	
Bakatik	109.576	1.3307	v	v					
Balaesang	119.608923	-0.008861	v						
Balantak	123.289	-0.86809						v	
Balinese	115.075	-8.35714			v				
Banggai	123.171	-1.58305					v	v	
Batad Ifugao	121.23	16.8266			v				
Begak	118.515	5.29059	v						
Biak	135.879	-0.9523					v	v	
Bikol	123.403	13.7574		v		v			
Bima	118.445	-8.57376	v						
Bobongko	121.922	-0.36759			v				
Bontok	121.02662	17.09386	v		v				
Buginese	119.977	-4.47						v	
Buru	126.632	-3.43957					v	v	
Cebuano	124.367	8.38799		v					
Central Lembata	123.44	-8.47094					v	v	
Central Tagbanwa	119.338	10.6519		v					
Chamorro	144.74474	13.438011					v	v	
Dadu'a	125.902	-7.84385		v				v	
Dhao	122.658	-10.8098	v						
Dupaningan Agta	122.188	17.3748		v				v	
Dusner	134.391	-2.73859					v	v	
Embaloh	112.63	1.3156	v						
Ende	121.555	-8.70998	v	v					
Fordata	131.511	-7.28902					v	v	
Gayo	97.3456	4.3733		v					
Hanunoo	121.221	12.4159	v	v			v		
Hawu	121.847	-10.5522	v						
Hewa	122.38	-8.67302	v		v				
Ibaloy	120.695	16.4263		v					
Ibatan	121.909	18.9398			v			v	
Ilocano	120.993	15.9361	v						
Irirutu	133.586	-2.94438					v	v	
Iraya	120.65	13.381	v						
Kaili Ledo	120.132	-1.03033		v					
Kambera	120.235	-9.88447						v	
Karo Batak	98.2517	2.12787	v						
Kedang	123.77	-8.23039					v		
Kelabit	115.428	3.31783	v					v	
Kemak	125.159	-9.00299					v	v	
Keo	121.256	-8.8704	v	v					
Kerinci	101.403	-1.93668	v		v				
Laboya	119.344	-9.70434						v	
Laiyolo	120.483	-6.45512						v	
Lamaholot Lewotobi	122.747	-8.54573			v				
Lamaholot Solor	122.803	-8.36439					v	v	
Lampung	105.037	-5.73463						v	
Leti	127.674	-8.19808						v	
Lio	121.832	-8.68615	v						
Luang	127.944	-8.18378						v	
Ma'anyan	115.092	-2.1239	v	v					
Madura	113	-7						v	
Makasar	119.838	-5.65551						v	
Mamanwa	125.548	9.44744		v					
Manggarai	120.329	-8.55748		v					
Mateq	110.468	0.66181	v						
Matigsalug	125.16	7.72124		v					
Minangkabau	100.44	-0.896	v					v	
Moklen	98.3176	8.16761	v	v					
Moor	135.95	-2.87055						v	v
Mori Bawah	121.37	-2.56016					v		
Mualang	111.08	0.31	v						
Muna	122.541	-5.40419						v	
Naueti	126.741	-8.70733		v				v	
Nias Selatan	97.4961	0.90691				v			
Northern Subanen	123.588	8.5232		v					
Nuauulu	129.148	-3.23411					v	v	
Padoe	121.236	-2.60642						v	
Paku	115.087	-1.9063	v						
Palauan	134.476678	7.34138					v	v	
Pamona	121.268	-1.62663		v		v			
Pampangan	120.502	14.9603		v	v	v			
Ratahan	124.858	1.07592		v					
Rongga	120.702	-8.84604	v	v					
Salako	109.467	1.47957	v					v	
Sawai	128.086	0.51111					v	v	
Selaru	130.961	-8.18376					v	v	
Southern Sama	119.483887	4.755836	v						
Sundanese	107.106	-6.89708	v	v					
Taba	127.423	0.07337					v		

Tagalog	121.747	14.06			v	v			
Tajjo	119.997581	-0.238467				v			
Tatana	115.553	5.49808		v			v		
Tboli	124.538	6.20377	v						
Tetun Fehan	125.528	-9.11217		v				v	
Toba Batak	99.1761	2.35498		v					
Tondano	124.964	1.28024				v			
Tukang Besi	123.578	-5.30994		v					
Uab Meto	124.144	-9.77284					v	v	
Ujir	134.257	-5.69329					v	v	
Uma	119.968	-1.70416						v	
Waima'a	126.317	-8.53416		v				v	
Waropen	136.633	-2.31142					v	v	
West Coast Bajau	116.124	6.00631	v						
Yakan	122.021729	6.531023	v		v				

Language name	x	y	No possessive classes	Optional possessive linker	Obligatory possession = optional possession	Obligatory possession ≠ optional possession	Contrast in alienable possession
Aceh	96.6032	3.90757	v				
Alorese	124.264	-8.20382	v				
Ambai	136.526	-1.88126				v	
Ambel	130.917	-0.17957				v	
Asilulu	127.952	-3.67302				v	
Bakatik	109.576	1.3307		v			
Balaesang	119.608923	-0.008861	v				
Balantak	123.289	-0.86809	v				
Balinese	115.075	-8.35714	v				
Banggai	123.171	-1.58305				v	
Batad Ifugao	121.23	16.8266			v		
Begak	118.515	5.29059	v				
Biak	135.879	-0.9523				v	
Bikol	123.403	13.7574	v				
Bima	118.445	-8.57376	v				
Bobongko	121.922	-0.36759	v				
Bontok	121.02662	17.09386			v		
Buginese	119.977	-4.47	v				
Buru	126.632	-3.43957				v	
Cebuano	124.367	8.38799	v				
Central Lembata	123.44	-8.47094				v	
Central Tagbanwa	119.338	10.6519	v				
Chamorro	144.74474	13.438011			v		v
Dadu'a	125.902	-7.84385			v		
Dhao	122.658	-10.8098	v				
Dupaningan Agta	122.188	17.3748	v				
Dusner	134.391	-2.73859				v	
Embaloh	112.63	1.3156	v				
Ende	121.555	-8.70998		v			
Fordata	131.511	-7.28902				v	
Gayo	97.3456	4.3733	v				
Hanunoo	121.221	12.4159	v				
Hawu	121.847	-10.5522	v				
Hewa	122.38	-8.67302				v	
Ibaloy	120.695	16.4263	v				
Ibatan	121.909	18.9398	v				
Ilocano	120.993	15.9361					
Irarutu	133.586	-2.94438				v	
Iraya	120.65	13.381	v				
Kaili Ledo	120.132	-1.03033	v				
Kambera	120.235	-9.88447	v				
Karo Batak	98.2517	2.12787	v				
Kedang	123.77	-8.23039				v	
Kelabit	115.428	3.31783				v	
Kemak	125.159	-9.00299				v	
Keo	121.256	-8.8704		v			
Kerinci	101.403	-1.93668	v				
Laboya	119.344	-9.70434	v				
Laiyolo	120.483	-6.45512	v				
Lamaholot Lewotobi	122.747	-8.54573				v	
Lamaholot Solor	122.803	-8.36439				v	
Lampung	105.037	-5.73463	v				
Leti	127.674	-8.19808			v		
Lio	121.832	-8.68615	v				
Luang	127.944	-8.18378			v		
Ma'anyan	115.092	-2.1239	v				
Madura	113	-7	v				
Makasar	119.838	-5.65551	v				
Mamanwa	125.548	9.44744	v				
Manggarai	120.329	-8.55748	v				
Mateq	110.468	0.66181	v				
Matigsalug	125.16	7.72124	v				
Minangkabau	100.44	-0.896	v				
Moklen	98.3176	8.16761	v				
Moor	135.95	-2.87055				v	
Mori Bawah	121.37	-2.56016	v				
Mualang	111.08	0.31	v				
Muna	122.541	-5.40419	v				
Naueti	126.741	-8.70733			v		
Nias Selatan	97.4961	0.90691	v				
Northern Subanen	123.588	8.5232	v				
Nuauulu	129.148	-3.23411				v	
Padoe	121.236	-2.60642	v				
Paku	115.087	-1.9063	v				
Palauan	134.476678	7.34138			v		v
Pamona	121.268	-1.62663	v				
Pampangan	120.502	14.9603	v				
Ratahan	124.858	1.07592	v				
Rongga	120.702	-8.84604		v			
Salako	109.467	1.47957	v				
Sawai	128.086	0.51111				v	v

Selaru	130.961	-8.18376				v	v
Southern Sama	119.483887	4.755836	v				
Sundanese	107.106	-6.89708	v				
Taba	127.423	0.07337			v		
Tagalog	121.747	14.06	v				
Tajio	119.997581	-0.238467	v				
Tatana	115.553	5.49808	v				
Tboli	124.538	6.20377	v				
Tetun Fehan	125.528	-9.11217				v	
Toba Batak	99.1761	2.35498	v				
Tondano	124.964	1.28024	v				
Tukang Besi	123.578	-5.30994	v				
Uab Meto	124.144	-9.77284				v	
Ujir	134.257	-5.69329				v	
Uma	119.968	-1.70416	v				
Waima'a	126.317	-8.53416			v		
Waropen	136.633	-2.31142				v	v
West Coast Bajau	116.124	6.00631	v				
Yakan	122.021729	6.531023	v				