## snippets

Issue 47 - January 2025

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## **Empirical evidence for switch reference involving Agree(ment)**

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DOI: http://dx.doi.org/10.7358/snip-2024-047-bomu

In the study of switch reference (SR), recent approaches (including Finer 1985, Baker and Camargo Souza 2020, Clem 2023, and Arregi and Hanink 2018;2022) consider the phenomenon to involve Agree(ment). In support of these approaches to switch reference, we present empirical data from Malto, a Dravidian language spoken by the Pahariya tribe in the Indian subcontinent. First, as originally observed by Kobayashi (2012), Malto exhibits a rare  $\varphi$ -inflectional ending when the subject in its own clause is referentially the same (i.e. "same subject", or SS) as the one in the adjacent clause (1). However, when the subjects of two adjacent clauses are referentially different (2) (i.e. "different subject", or DS), the switch reference is encoded by a default *-ko* that does not inflect for any  $\varphi$ -features.

- (1) Geeta:d<sub>i</sub> bərc-<u>ki:d</u> Geeta:d<sub>i</sub> ca:-en bita:d.

  Geeta return-<u>SS.3SG.F</u> Geeta tea-ACC make.PST.3SG.F

  'After Geeta returned, Geeta made a tea.' (data from fieldwork)
- (2) Geeta:d<sub>i</sub> bərc-<u>ko</u> e:n<sub>j</sub> ca:-en bita-ken.

  Geeta return-<u>DS</u> 1SG.M tea-ACC make-PST.1SG.M

  'After Geeta returned, I made a tea.' (data from fieldwork)

The pattern seen in (1) and (2) is the inverse of what has been observed before in switch reference typology, where it is the different-subject marking that involves  $\varphi$ -agreemen, but not the same-subject marking. For instance, Hua medial markers (Haiman 1980a,b), Quechua  $\varphi$ -agreement in different-subject clauses (Cole 1983, Assmann 2012, Georgi 2012), and Amahuaca 3PL different-subject marking (Clem 2019:146) exhibit  $\varphi$ -agreement only in different-subject contexts, but not in the case of same-subject contexts. Malto, however, has a switch reference agreement paradigm only in the same-subject context, where the relevant morphology can be analysed as a portmanteau of switch reference and subject agreement (note that following the initial  $\langle k \rangle$  for switch reference, the same-subject  $\varphi$ -endings appear to match those for typical subject inflection). In contrast, all the different-subject contexts have invariable -ko. The paradigm is given in Table 1.

In addition to the  $\varphi$ -covariance, Malto presents another piece of empirical evidence that supports the Agree(ment) view of switch reference. The same-subject marker is sensitive to the case markers of the subjects that are involved. When one or both of the subjects is marked with dative case, switch reference is encoded by default -ko, despite both subjects having the same reference (3).

(3) a. Eŋga¡ meru korc-ko e:n¡ əḍa-k bərc-ken.

1SG.M.DAT sick get-DS 1SG.M home-DAT return-PST.1SG.M

'After I got sick, I returned home.' (data from fieldwork)

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	1sg	1PL.INCL	1PL.EXCL	2sg.m	2sg.f	3sg.m	3sg.f	2/3PL
1sg	-ken	-ko	-ko	-ko	-ko	-ko	-ko	-ko
1PL.INCL	-ko	-ket	-ko	-ko	-ko	-ko	-ko	-ko
1PL.EXCL	-ko	-ko	-kem	-ko	-ko	-ko	-ko	-ko
2sg.m	-ko	-ko	-ko	-ke	-ko	-ko	-ko	-ko
2sg.f	-ko	-ko	-ko	-ko	-ki	-ko	-ko	-ko
3sg.m	-ko	-ko	-ko	-ko	-ko	-ke	-ko	-ko
3sg.f	-ko	-ko	-ko	-ko	-ko	-ko	-ki:d	-ko
2/3PL	-ko	-ko	-ko	-ko	-ko	-ko	-ko	-ker

**Table 1:** Switch reference paradigm in Malto

b. Eŋga¡ meru tin dini becc-ko e:n¡ əda-k bərc-ken.

1SG.M.DAT sick three days stay-DS 1SG.M home-DAT return-PST.1SG.M

'After I stayed sick for three days, I returned home.' (data from fieldwork)

In (3), the dative case blocks the expected same-subject  $\varphi$ -agreement, and instead results in default -ko. An anonymous reviewer raises an interesting question as to whether non-case-marked meru can be construed as a subject instead of dative-marked enga in (3). If meru is the subject, then this would be a different-subject context, naturally resulting in -ko. However, there is good reason to think that it is not meru, but rather the dative-marked enga that is the subject. Having meru in both clauses, as in (4), still results in -ko, suggesting that switch reference is not tracking meru.

(4) Eŋga<sub>i</sub> meru korc-<u>ko</u> eŋga<sub>i</sub> meru tin dini becca.

1SG.M.DAT sick get-<u>DS</u> 1SG.M.DAT sick three days stay.PST

'After I got sick, I stayed sick for three days.' (data from fieldwork)

Accordingly, this kind of case sensitivity confirms a prediction in both Arregi and Hanink 2022 and Clem 2023, which suggest capturing the subject-only nature of switch reference in various languages via probing that is case-sensitive in tracking only nominative DPs. The data in Malto then advance this case-based proposal by showing that a same-subject context is, as predicted, not sufficient for same-subject marking: even when there are same-subject experiencer dative subjects, switch reference probing does not track such non-nominative DPs.

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