

The directionality of agreement and nominal concord in Zazaki

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We investigate two issues in the theory of agreement from the perspective of nominal concord in Zazaki. First, does Agree operate downward, upward, or in both directions (Adger 2003, Baker 2008, Zeijlstra 2012, Preminger 2012)? Second, does nominal concord make use of the same mechanism as agreement in the verbal domain (Carstens 2000, Baker 2008, Kramer 2009, Norris 2011)? Using our own fieldwork data, we argue that nominal concord in Zazaki (North-west Iranian, Indo-European) is bidirectional, because it first operates downward with features inside nominal dependents and then upward with features in the extended nominal projection. In addition, we argue that it is derived by the same mechanism as verbal agreement, because it is sensitive to the same barriers for agreement. This suggests that, if agreement in the verbal domain is derived by Agree, nominal concord also uses Agree and that Agree is bidirectional, with downward Agree taking precedence over upward Agree (cf. Béjar & Rezac 2009).

Nominal concord in Zazaki. In Zazaki, nominal concord is realized on the *ezafe* morpheme that introduces dependents of the noun, i.e. adjectives and possessors. Though *ezafe* cliticizes to its left, it forms a constituent with the adjective (1a) or the possessor (1b) to its right at some stage in the derivation (cf. Samiiian 1983, den Dikken & Singhapreecha 2004, Larson & Yamakido 2009). Its form *always* varies with the ϕ -features of the head noun — (1a) vs. (2a) and (1b) vs. (2b).

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| <p>(1) a. [_{DP} ju kutik [=o gırs]]
 one dog =EZ.M.NOM big
 ‘a big dog (m.)’</p> <p>(2) a. [_{DP} a mang [=a spi]]=e
 that.F goat =EZ.F white=F
 ‘that white goat (f.)’</p> | <p>b. [_{DP} ga [=ê Alik=i]]
 ox =EZ.M.OBL Alik=OBL.M
 ‘Alik’s ox (m.)’</p> <p>b. [_{DP} bız [=a Alik=i]]
 goat =EZ.F Alik=OBL.M
 ‘Alik’s goat (f.)’</p> |
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With masculine nouns, which have a nominative-oblique case distinction, *ezafe* also agrees in case — but only when it introduces adjectives (3a–b). When it introduces possessors — which receive oblique case realized as the marker =i — *ezafe* invariably takes the oblique form =ê (4).

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| <p>(3) a. [_{DP} kutik [=o gırs]]
 dog =EZ.M.NOM big
 ‘the big dog (m. nom.)’</p> <p>(4) [_{DP} Kutik [=ê Alik=i] [=o gırs]]
 dog =EZ.M.OBL Alik=OBL.M =EZ.M.NOM big
 ‘Alik’s big dog (m. nom.) is eating meat.’</p> | <p>b. [_{DP} kutik [=ê gırs]]=i
 dog =EZ.M.OBL big=OBL.M
 ‘the big dog (m. obl.)’</p> |
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The proposal. Our proposal has two parts. First, we propose that the *ezafe* marker agrees first downward with its dependent and then upward with a head in the extended nominal projection. This accounts for the difference in possible case realizations when *ezafe* introduces possessors and adjectives. With possessors, *ezafe* is always oblique because it agrees downward in case with the possessor, which is always oblique case marked. No such effect arises when *ezafe* introduces an adjective, however, since adjectives do not have their own case. Second, we propose that nominal concord in Zazaki employs the same mechanism as verbal agreement, since neither allows ϕ -agreement with obliques (cf. Rezac 2008, Bobaljik 2008, Preminger 2011). *Ezafe* never agrees in ϕ -features with the possessor (1b, 2b), even though it has its own ϕ -features (unlike an adjective). In the verbal domain, ϕ -agreement with obliques is also banned. Zazaki is split ergative: the oblique case marks objects in the present tense and transitive subjects in the past tense. The verb never agrees with an oblique argument, even with transitive verbs in the past tense. T agrees with the (nominative) object, skipping the oblique subject (5).

