

Jussive agreement with non-agreeing resumptive pronouns in Mandarin Chinese

Introduction. Previous studies in imperative/jussive clauses have mainly focused on how addressee/speaker interact with person features via the jussive C head (Zanuttini 2008, Zanuttini et al. 2012, *i.a.*). This study reports an understudied case of interaction of **jussive** clauses with **argument structure**, and, to an indirect extent, with **linearization of movement chains**. The core data comes from non-agreeing resumptive pronouns (NRPs) in Mandarin Chinese, exemplified in (1a). NRP is required when an *object* is topicalized in an imperative (vs. 1b).

- (1) a. Zhexie shu_i ne, ni shao-le *(ta_i)!
 these books TOP you burn-PFV 3SG
 Lit.: ‘These books, you burn it!’ (i.e. These books, burn them!)
 b. Ni shao-le zhexie shu *(ta_i)!
 you burn-PFV these books 3SG
 (3PL antecedent vs. 3SG NRP)

The NRP exhibits a multifaceted empirical profile that involves (i) licensing by jussive clauses, (ii) patient roles of objects, and (iii) movement-derived properties. We argue that the intricate pattern can be accounted for by an **Agree** relation between the NRP and the jussive head, coupled with interface conditions on partial Copy Deletion. This account sheds light on how addressee/speaker in the clausal periphery may interact with the core argument structure via the jussive head. Before proceeding, we note that our discussion is limited to NRPs in Mandarin only. NRPs in other Sinitic languages (e.g. Cantonese & Shanghainese) are reported to display non-identical distribution (Xu 1999, Yip & Ahenkorah 2022).

Jussives license NRPs. **First**, NRPs in Mandarin are licensed only in **jussive** clauses. In root clauses, NRPs are licensed in *imperatives*, *promissives*, and *exhortatives* (2), but *not* in declaratives or interrogatives (3).

- (2) Zhexie shu_i {ni/ wo/ women/ *tamen} shao-le ta_i!
 these books you I we they burn-PFV 3SG
 Lit: “These book, you/I/we/*they burn it!”
 (3) a. Zhexie shu_i, wo yijing shao-le *(ta_i).
 these books I already burn-PFV 3SG
 Int: “I already burnt these books.”
 b. Zhexie shu_i, ni yijing shao-le *(ta_i) ma?
 these books you already burn-PFV 3SG SFP
 Int: ‘Have you burnt these books?’

Second, NRPs are also licensed under **performative uses** of modals. It is well-known that **deontic modals** can be used *descriptively* or *performatively*, the latter resulting in an imperative/jussive clause with directive force (Kamp 1973; Kaufmann 2012; Portner 2007, *i.a.*). On its descriptive use, the sentence *reports* a pre-existing obligation/permission. On its performative use, the speaker *issues* a command/permission. With NRPs, the modalized sentence in (4) can *only* be performative, rendering responses like ‘True!/False!’ infelicitous.

- (4) a. Zhexie shu_i, {ni/wo/yuehan} yao shao-le ta_i!
 these books you/I/John should burn-PFV 3SG
 Lit: “These books, you/I/John should burn it.”
 b. # True!/# False!
 (deontic modals + NRP: performative vs. #descriptive)

This contrasts with epistemic and dynamic modals: while they do not license a performative/directive use (Portner 2007), they also do not license NRPs as in (5).

- (5) Zhexie shu_i ni/wo/yuehan {keneng/ gan} shao-le *(ta_i)
 these books you/I/John probably/ dare burn-PFV 3SG
 ‘You/I/John probably burnt them’ (epistemic) / ‘You/I/John dared to burn these books.’ (dynamic)

Third, NRPs can only be embedded under **advise predicates** like ‘advise’/‘order’ (6a), but not doxastic predicates like ‘believe’ (6b). Assuming that ‘advise/order’ takes an embedded imperative (as attested in Korean data in Portner 2007), (6) shows that NRPs can only be licensed in *embedded jussives* but *not* embedded declaratives. Note that the patterns remain the same with the topicalized antecedent in either matrix or embedded clauses.

- (6) a. (Zhexie shu_i) Xiaoming_j {mingling/ jianyi} wo_k [(zhexie shu_i) shao-le ta_i]
 these books Xiaoming order/ advise I these books burn-PFV 3SG
 ‘Xiaoming ordered/advised me to burn these books.’
 b. (Zhexie shu_i) Xiaoming_j xiangxin [(zhexie shu_i) wo_k shao-le *(ta_i)]
 these books Xiaoming believe these books I burn-PFV 3SG
 “Xiaoming believed that I burnt these books.”

NRPs always bear patient role. Only (direct) objects that bear a **patient** role can be realized as NRPs. Not only subjects/indirect objects disallow NRPs (data not given due to space), but non-patient objects also disallow NRPs. In (7a), the object is a causee rather than a patient. Crucially, only the agreeing RP *tamen* ‘they’ but not

