

Inspired by Koev (2011, 2017), I propose that, alongside the plain past tense *-DI*, Turkish has a null tense (T_{EVID}) that is anchored to a learning event (e_L) preceding or coinciding with the speech time (7) and that obligatorily selects for an anterior AspP. Indirect evidentiality arises not from *-mIş* itself, but from the temporal configuration created when *-mIş* appears under T_{EVID} . To illustrate, consider (2) [see (8)]. The null T_{EVID} introduces a learning event time $\tau(e_L) \leq t_s$, (e_L = the event of the speaker acquiring evidence for their claim: that Ali ran; Koev 2017) and is composed with ANT AspP. This asserts a time, at which Ali’s running event occurs and precedes $\tau(e_L)$. *koş-muş*: [[VP + ANT] + T_{EVID}]: $\tau(e) = t_R < \tau(e_L) \leq t_s$

(7) $[[T_{\text{EVID}}]] = \lambda Q. \exists t \exists e_L [t \leq t_s \wedge \tau(e_L) = t \wedge Q(t)]$

(8) $[[(2)]] = \exists t, e_L [t \leq t_s \wedge \tau(e_L) = t \wedge \exists t' [t' < t \wedge \exists e [\tau(e) = t' \wedge \text{run}(e) \wedge \text{Ag}(e) = a]]]$

The *past* reading is due to ANT locating the event time before the learning time. The *evidential* reading arises from the reference time preceding the learning time. In clauses with T_{EVID} , t_R is the time ANT places before $\tau(e_L)$. Thus, in (2), t_R is the event time and, preceding the acquisition of the information, it corresponds to speaker ignorance. Notice that $\tau(e_L)$ cannot be t_R (likely due to not-at-issueness; see below), diagnosed via adverbials: adding *dün* ‘yesterday’ to (2) specifies when Ali ran, not when the speaker learned it.

Indirect evidential inferences require a reference time that precedes the learning time and relates to the event time. This amounts to viewing the event from a time prior to the speaker’s learning of it. Crucially, t_R need not equal the event time (contra Koev’s assumption). We see this when the ANT+ T_{EVID} bundle embeds another aspect. In (3a), t_R precedes the learning time via ANT and is contained in the event time via the imperfective aspect (9). Since the event time itself need not precede the learning time, it may extend into the speech time, yielding a present reading, or culminate before it, yielding a past reading (fact ①).

koş-uyor-muş: [[[VP + IPFV] + ANT] + T_{EVID}]: $t_R \subseteq \tau(e) \ \& \ t_R < \tau(e_L) \leq t_s$ (With prospective (3b), t_R precedes $\tau(e_L)$ and $\tau(e)$, yielding future or past readings based on where $\tau(e)$ is placed relative to t_s .)

(9) $[[(3a)]] = \exists t, e_L [t \leq t_s \wedge \tau(e_L) = t \wedge \exists t' [t' < t \wedge \exists t'' [t'' \subseteq t' \wedge \exists e [\tau(e) = t'' \wedge \text{run}(e) \wedge \text{Ag}(e) = a]]]]$

This makes *-mIş* felicitous even when the speaker *ultimately witnesses* the event: after failing to find Ali in the house and then seeing him running outside, the speaker may utter (3a). This is predicted since t_R , although contained in $\tau(e)$, precedes $\tau(e_L)$, thus corresponding to a non-aware stage for the speaker. This also explains mirative uses of *-mIş*, where the learning event simply elicits surprise (cf. Smirnova 2013).

Matrix *-mIş* cannot have a strictly aspectual (present-perfect) use without also encoding evidentiality since Turkish lacks present tense (Yavaş 1980) (fact ③). This contrasts with forms like *koş-uyor* (run+IPFV), which also lack overt tense but receive present readings (‘(s)he is running’). In the absence of tense, t_R is assumed to default to t_s : $\tau(e)$ contains t_s and thus yields a present reading. Following Kehler (2002), ANT cannot rely on default anchoring, thus requires Tense or a higher Asp for t_R to be related to t_s (4).

Discussion Evidential inferences show signs of not-at-issueness, such as projection (*Ali koşmamış* ‘Ali didn’t run, as I heard/inferred’) and non-challengeability: responding to (2) with ‘it’s not true’ targets only the at-issue content (that Ali ran). The evidential component is also informative (cf. Sauerland & Schenner 2007): responses like *Bir dakika ya, bunu duyduğunu/anladığını bilmiyordum* (‘Hey, wait a minute, I did not know that you heard/inferred this’) are infelicitous (von Stechow 2004). To capture these patterns, the temporal semantics proposed here can be supplemented with the dynamic semantic accounts (on par with apposition) in Murray (2014) and Koev (2017) (see also QUD-based accounts; Faller 2019, Korotkova 2020). In Koev’s analysis, a Declarative *op* introduces a proposition p , in which the described event holds. p is added to the context set if accepted by the addressee (at-issue), while the proposition that the speaker learned p is directly added to the context set (not-at-issue). Also, my analysis predicts full speaker commitment to the at-issue content. This holds for inferential uses, but hearsay uses show variation: some speakers accept continuations to (2) as ‘but I am not sure/this is not true,’ others reject them unless (2) contains *güya* ‘allegedly’ or *diyorlar* ‘they say.’ I attribute this to a null element of this sort for some speakers, triggering perspective shift.

Conclusion This study identifies anteriority as a key component of Turkish evidentiality. This is obtained without encoding information source (cf. Şener 2011) or spatial distance between the learning and described events (cf. Koev 2017), accounting for evidential uses of *-mIş* even when the speaker *ultimately witnesses* the event (see also late realization cases; Koev 2011). The analysis does not rule out modal enrichment; future work may explore such interactions. **References.** *All references are hyper-linked in text.*