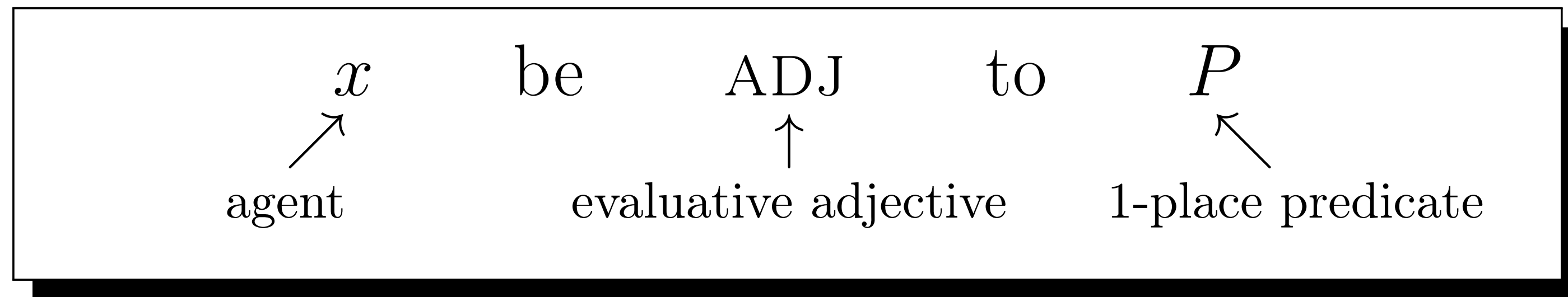


Evaluative adjective constructions: two interpretations



- (1) Ria was stupid to sing at the party
 (2) Ria was not stupid to sing at the party

FACTIVE interpretation

canonical

(Wilkinson 1970, Barker 2002, Oshima 2009, a.o.)

Entailed: Generalization (relating ADJ, $P(x)$)

- (1) → Singing was stupid (of Ria)
 (2) → Singing was not stupid (of Ria)

Not at-issue: Complement ($P(x)$)

- (1),(2) → Ria sang

IMPLICATIVE interpretation

less prominent

(Karttunen et al 2014, Tonhauser et al 2020)

Entailed: Complement ($P(x)$)

- (1) → Ria sang
 (2) → Ria did not sing

Not at-issue: Generalization (ADJ, $P(x)$)

- (1),(2) → Singing would have been stupid

Observation 1: Clear interpretive contrast only under negation

- | | |
|--|------------------------|
| (1) ~ Ria sang and it was stupid | (FACTIVE, IMPLICATIVE) |
| (2) ~ Ria sang and it was not stupid | (FACTIVE) |
| ~ Ria did not sing and it would have been stupid | (IMPLICATIVE) |

Observation 2: Context-sensitive interpretation (Karttunen et al, Tonhauser et al)

- FACTIVE likely when generalization is surprising (*no reason to think singing is stupid*)
- IMPLICATIVE likely when generalization is unsurprising (*Ria is a known poor singer*)

Tonhauser et al (2020): EACs are lexically associated with both generalization and complement, projectivity is determined by the context (*Question Under Discussion*)

Question

What is the content of EAC generalizations?

- **Absolute** uses of EAs describe individuals
 (3) Ria is stupid / clever / kind / rude
SPKR assessment of disposition
- EACs **do not license** absolute EA claims
 (1),(2) \nrightarrow Ria was (not) stupid
- What links **relative**, **absolute** EA claims?

Proposal

EACs are linked to a **causal generalization**:

$$(G) \square_{\text{caus}} [\text{INST}(\text{ADJ}(x)) \leftrightarrow P(x)]$$

↑
manifestation of ADJ by x

Context determines if (G) is at-issue
 (cf. Tonhauser et al)

FACTIVE

- $P(x)$ given, EAC asserts (G)
 (1) → (G), $P(x)$ +(1) → INST(ADJ(x))
 (2) → \neg (G), $P(x)$ +(2) \nrightarrow INST(ADJ(x))

IMPLICATIVE

- (G) given, EAC asserts INST(ADJ(x))
 (1) → INST(ADJ(x)), (G)+(1) → $P(x)$
 (2) → \neg INST(ADJ(x)), (G)+(2) → $\neg P(x)$

The implicative reading

Implicative EACs mimic **implicative verbs**:
 (e.g. *dare*; Nadathur 2023b)

action invoked by IMPL

$$\text{IMPL}(x, P) \text{ presupposes } \square_{\text{caus}} [A(x) \leftrightarrow P(x)]$$

↓
asserts $A(x)$
 $P(x)$ entailed

- (4) Ria dared to sing
Ria sang because she was daring
 (5) Ria did not dare to sing
Ria did not sing because she wasn't daring

Implicative EACs are similarly *explanatory*:

- (1) ~ Being stupid caused Ria to sing
 (2) ~ Not being stupid caused Ria not to sing

Hypothesis: EACs involve **causal to**

$$[[\text{to}]] := \lambda P \lambda Q_{\text{eventive}} \lambda x. \square_{\text{CAUS}} [Q(x) \leftrightarrow P(x)]$$

(cf. von Stechow et al 2004 on causal German *um*)

Relative and absolute uses of evaluative adjectives

Claim: EA **relative/absolute** distinction maps to an independently-observed alternation between **eventive** and **stative** uses of **dispositional** (action-oriented) ADJ
 (Fernald 1999, Fábregas et al 2013, Martin 2015, Homer 2021, Nadathur 2023a)

Episodic contexts: INST(ADJ(x))
 EAs describe **actions**

English: [PROG] Ria was being stupid
 clever
 kind
 rude

French: [PFV] *Ria a été stupide*
 Ria was-PFV stupid
 Ria behaved stupidly

Elsewhere: ADJ(x)
 EAs describe **dispositions**

[NONPROG] Ria was stupid (in her youth)
 clever
 kind
 rude

[IMPF] *Ria était stupide*
 Ria was-IMPF stupid
 Ria was habitually stupid

- Eventive uses of EAs describe actions that can provide **evidence** for the corresponding disposition
- **But:** single instances are insufficient to license the stative/absolute use of the EA
- **EACs select the eventive reading:**
 The causal generalization (G) creates an episodic context; relative uses of EAs describe behavior, do not entail absolute claims

Towards an account of the factive reading

Factive EACs arise where $P(x)$ is given; they do not attribute ADJ to $P(x)$, but (potentially) license a **relative** attribution for x (contra Barker 2002)

- (1) asserts (G), licensing inference to INST(ADJ(x)) (Oshima 2009, Martin 2015) $P(x) \ \& \ \square_{\text{caus}} [\text{INST}(\text{ADJ}(x)) \leftrightarrow P(x)] \ \rightarrow \ \text{INST}(\text{ADJ}(x))$
- (2) denies (G), blocking inference to INST(ADJ(x)) $P(x) \ \& \ \neg \square_{\text{caus}} [\text{INST}(\text{ADJ}(x)) \leftrightarrow P(x)] \ \nrightarrow \ \text{INST}(\text{ADJ}(x))$

Problem: Why is the factive reading more prevalent/prominent than the implicative reading?

Preliminary answer: EA behaviour is not directly observable, but must be inferred from its observable results; in asserting/denying (G), SPKR uses consequences of internal choice to justify relative EA claim

Factive behavior correlates with **evaluativity**: EAs describe **internal** (mental) **dispositions**

- Non-evaluative (physical) disposition ADJ do not privilege factive use (6) Ria was (not) {loud / quick / ...} to answer the question
- Factive EACs presuppose a **choice** between ranked outcomes (cf. Condoravdi 2008) (7) #Whether Ria sings or not, she'll be stupid to do it
 (8) #Ria was stupid to cough involuntarily

Current proposal: relative use of EA describes a mental action, identified with the choice to realize $P(x)$ over alternative(s)

- (1) ~ SPKR assesses $P(x)$ to be worse than $\neg P(x)$, so choosing $P(x)$ is evidence of relative stupidity
 (2) ~ SPKR does not assess $P(x)$ as worse than $\neg P(x)$, so $P(x)$ does not indicate relative stupidity