

Chasing pragmatics: an experimental study of bare noun interpretation

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English, SG

English, PL

Russian, SG

Russian, PL

Russian, PL

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E2. nouns in object position

SG, -UNIQ, SG,-UNIQ PL,

Introduction

Bare nouns in languages without articles like Russian are ambiguous:

(1) Ja smotriu okna: devočka I am.looking from window girl prygaet čerez skakalku. is.jumping through rope 'I am looking out of the window: a girl/the girl is jumping rope.'

Interpretation 1 ix. girl(x)

There exists a unique (non-unique)

individual x such that x is a girl

There exists a individual x such that x is a girl

Interpretation 2

 $\exists x. qirl(x)$

- Dayal 2004, 2014: bare SG are definite, bare PL are ambiguous between definite and kind readings ~ Interpretation 1 is the "basic" one
- Borik et al. 2020, 2019, Šimik&Demian 2020: bare nouns are born indefinite and sometimes get definite interpretation as a pragmatic inference
- ~ Interpretation 2 is the "basic" one
- This study investigates the presence of the uniqueness interpretation in Russian bare nouns and English definite and indefinite nouns in presentational contexts
- Such contexts force indefiniteness (non-familiarity)
- Two quantitative surveys
 - ▶ E1 for subject NPs

• E2 for object NPs

references:

Poster and

Design and methodology

E1: felicity judgment task with a 2 × (2) × 5 design on Russian and English speakers (n = 30 for each)

· Simulated language game scenario: a non-native speaker draws a picture and says a sentence about it

Hypothesis:

a. Singular bare nouns in Russian and definite singular

nouns in English are rated higher for pictures/videos

enforcing uniqueness

English are higher rated for for pictures/videos enforcing

maximality

c. English indefinite singular and plural nouns are rated

relatively high in all contexts

E2: felicity judgment task with the same parameters

 $(2 \times (2) \times 5)$, n = 30 for each language

b. Devuška položila pakety na stol.

- "How natural does their response sound to you?"
- Number of the subject NP (SG vs. PL) in the sentence
- For English, also definiteness of the NP (DEF vs. INDF)
- Target sentences:
- (2) a-b. The girl/A girl is playing the violin. c-d. The girls/Girls are playing the violin.
- (3) a. Devočka igraet na skripke.
 - b. Devočki igrajut na skripke.

SG vs. PL referent

for -UNIQ contexts: +PROM



- VACACHO 3. SG. -UNIQ. -PROM





(4) a-b. The woman put the bag/a bag on the table.

English, SG c-d. The woman put the bags/bags on the table.

English, PL (5) a. Devuška položila paket na stol. Russian, SG

- Videos instead of pictures in order to reinforce the
- perfective interpretation Question-answer design: a question about the video focusing the target noun (What did the girl put on the table?),the target sentence is the supposed answer to this question (The girl put the bag on the table)
- "How natural does this answer sound to you?"

5 types of visual stimuli:

±UNIQ/MAX referent

1. SG. +UNIQ



PL. +MAX Russian bare nouns

+UNIQ

100-

E1, nouns in subject position

SG, -UNIQ,

+PROM

PL. -MAX English definite nouns (the girl/the girls)

bare nouns is definite-like (Interpretation 1)

nglish indefinite nouns (a girl/girls)

Discussion

2.5 -

Results

SG,

+UNIQ

+PROM

- · Russian bare nouns, both singular and plural, align with English definite nouns rather than indefinites, and we got this result in presentational contexts forcing indefiniteness → pro Dayal's theory: the core meaning of Russian
- I adopt the view that Russian has a dedicated syntactic determiner head D (Lyutikova 2018, Pereltsvaig 2006), but this D hosts a silent argument-forming operator, realizing as *i* or kind readings
- We found empirical evidence of **context adjustment**: if an individual is somehow prominent in the context but not unique, it can be referred by a bare noun in Russian
 - This prominence effect is also found in English definite nouns, but only in object position
 - Surprisingly, English bare (indefinite) plurals also prefer a maximal interpretation, which is an empirical evidence of the pragmatic effect of Maximization of bare plurals (Dayal 2013, Chierchia 2022)





5. PL, -MAX