'Motherhood' Presentations in Czech Journalistic Texts. Corpus Analysis

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Analysis of the Lemma Motherhood

- PhD project by Zuzana Černá

- goal
  - reflection of motherhood in journalistic texts
  - diachronic development (1990-now)

- methodology
  - corpus analysis + discourse analysis
  - assisted discourse studies approach

Motherhood

- changing attitude
  - male participation in the care of their children
  - men's parental leave
  - women's career
  - postponing starting a family
  - surrogate motherhood
  - social status
  - state financial support

Analysis of the Lemma Motherhood

- corpus analysis (corpus SYN2015)
- journalistic texts
  - 2010-2014

- frequency analysis
- collocation analysis
- concordance analysis
- thematic categorisation of the topic
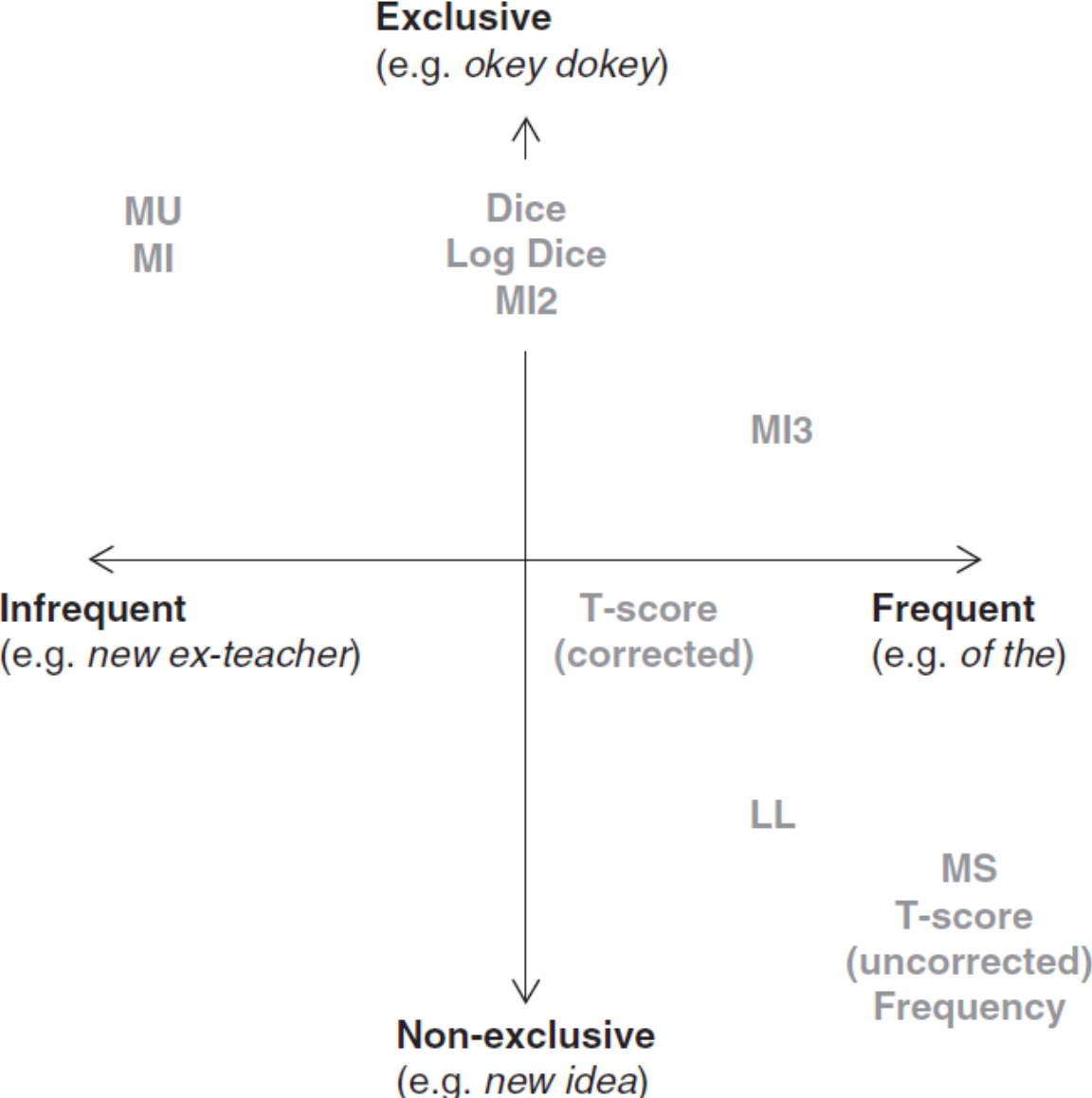 - corpus driven approach

Frequency analysis

- size of the corpus
  - approximately 33 million tokens

- frequency of the lemma "motherhood"
  - 236 tokens
  - 5.49 tokens per millon
  - its rank in the interval r = <11,086; 11,126>
    - 363,819 lemmas in the corpus

Frequency analysis

- text types
  - journalism: 5.94 i.p.m.
  - expert literature: 5.89 i.p.m.
  - fiction: 3.63 i.p.m.

- genres within journalism
  - lifestyle: 29.38 i.p.m.
  - social life: 13.57 i.p.m.
  - society: 10.25 i.p.m.
    …
  - newspapers: 2.77 i.p.m.

Collocation analysis

Exclusive
(e.g. *okey dokey*)

MU
MI

Dice
Log Dice
MI2

MI3

Infrequent
(e.g. *new ex-teacher*)

T-score
(corrected)

Frequent
(e.g. *of the*)

LL

MS
T-score
(uncorrected)
Frequency

Non-exclusive
(e.g. *new idea*)

Collocation analysis

- the collocation span L5–P5
  - (i.e. 5 positions to the left, 5 to the right) from the KWIC (key word in context)
- the minimum frequency of a collocate in the corpus = 3
- the minimum frequency of a collocate in context = 3

Collocations

Rank	Lemma	T-score		Rank	Lemma	T-score
1	*surrogate (náhradní)*	4.90		9	*help (pomoc)*	2.81
2	*woman (žena)*	4.44		10	*change (změnit)*	2.63
3	*career (kariéra)*	4.24		11	*a lot (hodně)*	2.55
4	*enjoy (užívat)*	3.60		12	*big (velký)*	2.51
5	*child (dítě)*	3.26		13	*role (role)*	2.43
6	*mother (matka)*	3.14		14	*now (teď)*	2.38
7	*life (život)*	3.10		15	*right (nárok)*	2.23
8	*financial (peněžitý)*	3.00		16	*active (aktivní)*	2.23

Discourse categories

- surrogacy
  - *surrogate (náhradní), law (zákon), Czechia (Česko), legal (legální), treat (upravovat)*

- career
  - *career (kariéra), woman (žena), job (práce), work (pracovat), harmonize (skloubit)*

- joy
  - *enjoy (užívat / užít si), joy (radost), great (skvělý)*

- changes
  - *change (změnit)*

Discourse categories

- family relations
  - *child (dítě), mother (matka), life (život), role (role), husband (manžel), family (rodina), love (láska), husband / man and wife (manželé)*

- finances
  - *financial (peněžitý), help (pomoc), right (nárok)*

- aktivity
  - *active (aktivní), movement (hnutí)*

- time
  - *period (doba), late (pozdní), year (rok), now (teď), postponing (odsouvání), postpone (odkládat), last (poslední), time (čas)*

Conclusions & Further research

- conslusions
  - recurring patterns in usage of this lemma
  - discourse categories
  - surrogate motherhood

- further research
  - diachronic development
  - related lemmas will be analyzed
  - measurement of the strength of particular categories (how?)

Thank you!