



Speaking of consequences in Chinese, Croatian, English, French, and Greek A corpus-based study

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Lena Higginson*, Mehanaz Kabir†, Xinyi Li‡, Mariana Manousopoulou†, Laura Škalamera§, Monika Zeba§

^{*} University of Geneva, Switzerland

[†] University of Graz, Austria

[‡]University of Bologna, Italy

[§] University of Rijeka, Croatia

Research question

How similar (or different) are the semantic prosodies of near synonyms in related languages such as Chinese, Croatian, English, French and Greek?

Based on Xiao and McEnery (2006) and Polizzi (2022)

Previous work

- Xiao and McEnery (2006) and Polizzi (2022) examine the phenomenon of semantic prosody and its implications for language learning
- Examined from a cross-linguistic perspective by contrasting two sets of near synonyms (consequence-related words)

Relevance

- Xiao and McEnery (2006) groups of near synonyms in English and Chinese: the consequence group (among others)
- Polizzi (2022) a corpus-based analysis of consequence groups, taking into account two closely-related languages, English and German
- Our research: corpus-based analysis of near synonyms of consequence groups in 5 languages
 - o more languages, recent data, web-data availability

Research Object and Basic Concepts

Semantic prosody

- 'A form of meaning which is established through the proximity of a consistent series of collocates' (Louw 2000: 57).
- Words and phrases
- Express speaker/writer attitude or evaluation (Louw 2000: 58).
- Typically negative relatively few positive

Research Object and Basic Concepts

Other usage restrictions: good basis for a contrastive study

- Semantic preference
 - Semantic sets of collocates
- Genre, discourse domain, register

Methodology: Locating data

- 1. Find most accurate synonyms of 'consequence'
 - a. Across languages: Google Translate, Kontext, WordReference, PONS
 - b. Within language:
 CNRTL synonym dictionary, Larousse synonym dictionary, Hrvatski jezični Portal
- 2. Selection and analysis of comparable corpora: *TenTen webcontent: SketchEngine*
- 3. Random sample of 2,000 lines

Methodology: Analysis

- 4. Analysis with AntConc
 - a. Collocations (max 10 ranked by log-Likelihood)
 - b. Concordances (max 10 ranked by frequency)
- 5. Two-dimensional analysis of examples
 - a. Affective value
 - b. Genre, discourse domain, register
- 6. Cross-lingual comparison

Results

Colour coding

neutral

ENGLISH	CHINESE	CROATIAN	FRENCH	GREEK
consequence	后果	posljedica	conséquence	συνέπεια
effect*		efekt	effet	επακόλουθο
outcome*	结果	ishod	suite	απόρροια*
result	2320 %	rezultat	résultat	αποτέλεσμα
resure	成果			

Importance of Text Domain: English

'outcome'

negative:

health/medical:

The lab focuses on the identification of genetic, epigenetic and genomic abnormalities that lead to poor patient **outcome** in uveal melanoma, retinoblastoma and other eye cancers.

neutral:

Instead of using a judge to decide the final **outcome**, the parties agree to use an arbitrator.

positive:

After reading months of ridiculously goalseeked Wall Street commentary, where first a Trump victory was the best **outcome** for stocks.

Importance of Text Domain: Greek

απόρροια 'outcome'

negative:

[...]τουλάχιστον έως τον Αύγουστο του 2012, καθώς και δομικά προβλήματα των ελληνικών εξαγωγών, αλλά και νέες δυσκολίες ως **απόρροια** της οικονομικής **κρίσης**.

[...] at least until the August 2012, as the structural problems of the greek exports and the new difficulties, the **outcome** of financial crisis.

positive:

[...]Πρόκειται για εντυπωσιακά αποτελέσματα, τα οποία είναι άμεση **απόρροια** της εντατικής δουλειάς που έχει γίνει από όλους μας στην Κωτσόβολος, καθώς παραμείναμε πιστοί στο όραμά και το στόχο (μας).

[...] These are impressive results, which are a direct **outcome** of the intensive work that has been done by all of us in Kotsovolos, as we remained faithful to (our) vision and the goal.

Summing up

- near synonyms of 'consequence'
 in comparable web corpora in 5 languages
- cross-lingual correspondences
 on basis of semantic prosody and usage restrictions
- relevant for bilingual lexicography, translation and language learning

Limitations and outlook

- Obstacles to overcome in the research
 - French: polysemy
 - Greek: plural queries
 - Chinese: segmentation
- limitations of our approach include
 - Amount of data analysed
 - Role of intuition in evaluation
- future work: find comparable data from better defined discourse settings (e.g. news, conversation, ...) in available repositories

A final note...



taken by our wonderful Julianna





Questions?

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