Papers from the
SEVENTH
SCANDINAVIAN
CONFERENCE

of
Linguistics

II

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University of Helsinki
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Edited by Fred Karlson
Introduction

Propositions as Worlds for Linguistic Systems?

Fred Carlson
1. Properties and Evidence of Occlusion

Subject and a predicate, e.g.,

express the common agreement, fundamental agreement.

The concept of the common agreement, fundamental agreement.

I refer to the concept of the common agreement, fundamental agreement.

In common, the concept has the mutual feature of the relationship.

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null
The page contains text in multiple languages, including English. The text is not legible due to the quality of the image.
A PROTOTYPEED NP

In order to solve an object, object, and component.

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As a pilot study, I have explored the accuracy of counting acrylates with various methods. The present approach aims at discovering such compounds in a new product assortment, and it may lead to more accurate results in conjunction with other factors. This approach also involves the identification of acrylates from the detection of their characteristic features, such as the presence of specific classes of acrylates and esters. The results indicate that this method is effective in identifying the presence of acrylates and their concentration in the sample. A further study on the development of a new method for counting acrylates is recommended. The data collected in this study can be used to improve the accuracy of counting in future studies.

Table 1: Summary of the Results

<table>
<thead>
<tr>
<th>Sample</th>
<th>Acrylate Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2.1 ± 0.3</td>
</tr>
<tr>
<td>2</td>
<td>3.4 ± 0.7</td>
</tr>
<tr>
<td>3</td>
<td>2.8 ± 0.2</td>
</tr>
<tr>
<td>4</td>
<td>4.0 ± 0.5</td>
</tr>
</tbody>
</table>

Further research is needed to validate these findings and to develop a more accurate method for counting acrylates.
output can be attributed with specific identities of exact

(16) (T.F: N.N. activity expected)
(L.A: activity expected)

I mean clear that there is a grammatically bad-proper

without the distinction.

The role with take from the moment, you had not
the choice of what, the members in any of the way-

another face to face is that the more frequent

natural language and a lower-case tree is that the

though the number of elements and trunks increased to make,

some tentative conclusions may be drawn from this material on

more contradictions of the words' mean and self in some large
probabilities but it still seems reasonable to claim that TIM attests out as compared to the other arguments and that this is a piece of real knowledge. Weakly weighted case frames such as (12) are intended to explicate the fact that it is not accidental what argument combinations verbs tend to co-occur with. This approach obliterates the standard strict distinction between obligatory and optional arguments, of which most linguistic theories take only the latter to be described in the lexicon. Of course, this kind of description is not narrowly autonomous. It transcends the border between linguistic and encyclopedic knowledge in much the same fashion as in current frame and script theory.

Why is it that TIM is fairly typical in conjunction with "rain"? Strict explanations are of course not possible to come by. At the most, vague appeal can be made to human interest. In talking about rain and raining, it is especially pertinent to know when it rains, to a lesser extent where and how it rains. Also note that QUA, i.e. the amount of rain, is fairly conspicuous. Such considerations are notional in nature, but nevertheless essential parts of human common sense knowledge.

A further common property in the above table is the total absence of 2ND, DNV, INS, and PUR. Raining is in no obvious way related to benefactives, instruments, or purposes.

We proceed to analyzing the verb "sell" and its Swedish and Finnish equivalents "sälja", "nyyä". Due to the higher incidence of "sell" as compared to "rain", data were picked from smaller corpora: for English from Brown (1,000,000 words, 116 occurrences), for Swedish from Press 65 (1,000,000 words, 152 occurrences), for Finnish from Suomen Kuvalehti 1976 (600,000 words, 125 occurrences). The following data were obtained.

<table>
<thead>
<tr>
<th></th>
<th>SWEDISH</th>
<th>ENGLISH</th>
<th>FINNISH</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N %</td>
<td>N %</td>
<td>N %</td>
</tr>
<tr>
<td>2ND</td>
<td>136 89.5</td>
<td>1ST 91 78.4</td>
<td>1ST 114 91.2</td>
</tr>
<tr>
<td>1ST</td>
<td>97 57.2</td>
<td>2ND 91 78.4</td>
<td>2ND 106 84.9</td>
</tr>
<tr>
<td>LOC</td>
<td>27 17.8</td>
<td>DEN 25 21.6</td>
<td>TIM 27 21.6</td>
</tr>
<tr>
<td>QUA</td>
<td>27 17.8</td>
<td>TIM 19 16.4</td>
<td>QUA 19 15.2</td>
</tr>
<tr>
<td>QUA</td>
<td>26 17.1</td>
<td>QUA 19 16.4</td>
<td>QUA 19 15.2</td>
</tr>
<tr>
<td>LOC</td>
<td>25 16.4</td>
<td>LOC 12 10.3</td>
<td>LOC 18 14.4</td>
</tr>
<tr>
<td>OTH</td>
<td>6 3.9</td>
<td>PUR 6 5.2</td>
<td>OTH 8 6.4</td>
</tr>
<tr>
<td>OTH</td>
<td>5 3.7</td>
<td>OTH 3 2.6</td>
<td>OTH 5 4.0</td>
</tr>
<tr>
<td>PUR</td>
<td>1 0.7</td>
<td>QUA 1 0.9</td>
<td>QUA 3 2.4</td>
</tr>
<tr>
<td>INS</td>
<td>2 1.6</td>
<td>PUR 3 2.4</td>
<td>INS 2 1.6</td>
</tr>
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</table>

Again, none striking facts about typicality emerge. As is to be expected, the most frequent arguments are 1ST and 2ND. But, surprisingly, 2ND is much more frequent than 1ST in the Swedish data, as frequent as 1ST in the English data, and almost as frequent as 1ST in the Finnish data. I surmise that the differences are mainly due to different kinds of texts in the samples. The common denominator is that the object sold is especially relevant in the selling transaction. It is often more important than the agent, i.e. a highly typical occurrence is "the book was sold [by Jane]" (plus other arguments, cf. below), whereas the agent (1ST) is often omitted in Swedish and Finnish. There is a language-particular datum explaining why this is a clearly more frequent in Finnish than in Swedish and English. In passives, 1ST occurs on the surface as an obligatory ending sequence where English and Swedish have plain oni- e.g., "kirja myy+tiin" ("the book sell+pass-

The propensity for "sell" to promote the object sold (2ND) is seen in the high incidence of passives: Swedish 36.2 % of such occurrences, Finnish 44 %, and English 15.5 % (style dif-
5iE9 x*E 6 c;5 j:9q 39 367x751 3
ili;;lilil 519x338 v..?ffi E I I:
I:
287x251 !n i!
275x293 t
246x130 w
228x299 ?l
134x276 a.
120x198 Fi
120x147 gr
120x113 iP
119x81 g6
118x53 3i

 regulation of splitting frequencies, and the exact location in the field.