**семинар 19 октября**

**Е.А. Смирнова**

**Атрибуты научного стиля в предметных исследовательских корпусах: сравнительный анализ**

**Markers of an Academic Text: a Multidimensional Analysis**

The use of markers was compared across two dimensions:

across the four disciplines

across the two corpora

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Маркер** | **Competent** | | | | **Learners** | | | |
| **BI\_PE** | **Law** | **Politology** | **History** | **BI\_PE** | **Law** | **Politology** | **History** |
| **Abstract semantic verbs** | 0,0413600 | 0,0598570 | 0,0616600 | 0,0571200 | 0,0756800 | 0,0678800 | 0,0878500 | 0,0849000 |
| **Archaisms** | 0,0000482 | 0,0002980 | 0,0000781 | 0,0001300 | 0,0002600 | 0,0000590 | 0,0001000 | 0,0001400 |
| **Complex conjunctions** | 0,0045300 | 0,0093330 | 0,0151900 | 0,0130000 | 0,0056800 | 0,0065900 | 0,0076000 | 0,0090500 |
| **Desemantisized verbs** | 0,0281000 | 0,0468330 | 0,0449400 | 0,0446700 | 0,0504200 | 0,0427600 | 0,0631000 | 0,0615700 |
| **Future** | 0,0013600 | 0,0035360 | 0,0028100 | 0,0015700 | 0,0193700 | 0,0080000 | 0,0150500 | 0,0072900 |
| **IPronoun** | 0,0003500 | 0,0069290 | 0,0029400 | 0,0057300 | 0,0013700 | 0,0016500 | 0,0031500 | 0,0063800 |
| **Intensifying adverbs** | 0,0017000 | 0,0020000 | 0,0024100 | 0,0016300 | 0,0013700 | 0,0010000 | 0,0017500 | 0,0021000 |
| **Logic connectors** | 0,0044900 | 0,0073690 | 0,0067000 | 0,0045500 | 0,0053700 | 0,0064100 | 0,0090000 | 0,0083300 |
| **Noun** | 0,4833490 | 0,5782140 | 0,7663100 | 0,6827200 | 0,7650000 | 0,7614700 | 0,9343000 | 0,9566200 |
| **OrSuffix** | 0,0042200 | 0,0041310 | 0,0055000 | 0,0043300 | 0,0063700 | 0,1024000 | 0,0114000 | 0,0101400 |
| **PassiveVoice** | 0,0243400 | 0,0195710 | 0,0215600 | 0,0246700 | 0,0501100 | 0,0283500 | 0,0396500 | 0,0361400 |
| **Past** | 0,0200200 | 0,0272020 | 0,0445200 | 0,0981000 | 0,0181100 | 0,0164700 | 0,0275500 | 0,0563300 |
| **PersonalPronoun** | 0,0185800 | 0,0430120 | 0,0331300 | 0,0625200 | 0,0225300 | 0,0339400 | 0,0393500 | 0,0486700 |
| **Prepositive attributes** | 0,2237100 | 0,2431790 | 0,3351100 | 0,2831500 | 0,3374200 | 0,3091200 | 0,3740000 | 0,3597100 |
| **Postpositive attributes** | 0,0955400 | 0,1311670 | 0,1591600 | 0,1343000 | 0,1427400 | 0,1820000 | 0,2084500 | 0,2045700 |
| **Present** | 0,0799900 | 0,1035600 | 0,0956100 | 0,0550700 | 0,1242600 | 0,1135900 | 0,1413500 | 0,1261000 |
| **ThatThose** | 0,0002200 | 0,0005240 | 0,0003400 | 0,0006300 | 0,0000500 | 0,0000000 | 0,0001000 | 0,0001400 |
| **WePronoun** | 0,0108600 | 0,0095600 | 0,0106300 | 0,0055500 | 0,0057900 | 0,1735000 | 0,0155500 | 0,0105700 |
| **YouHeShe** | 0,0001100 | 0,0002380 | 0,0002800 | 0,0003200 | 0,0007400 | 0,0010000 | 0,0012000 | 0,0012900 |

1) **Abstract semantic verbs**’ pattern of use is roughly the same across the four disciplines with a little higher frequency in Law competent writing. Overall, learners tend to use abstract semantic verbs a little more often that professional writers do.

2) The use of **archaisms** varies a lot across the disciplines, with 0.00023 and 0.00016 in the professional law corpus and students’ BI-PE corpus respectively and 9.01 and 7.18 in the professional history corpus and learner history corpus respectively. The patterns of use are quite different across professional writing and students’ writing with the most dramatic difference observed in BI-PE where experts use archaisms at the level of 4.62 and learners – at the level of 0.00016.

3) Apparently, **complex conjunctions** are more often employed by professional writers with the frequency of use ranging from 0.0043 in BI-PE to 0.0094 in political studies whereas learners use them at the level of approximately 0.003-0.004 in all the disciplines under analysis.

4) **Desemantisized verbs** are used similarly both across the disciplines and across the corpora.

5) **Future** prevails in the learner writing, especially in political studies where it exceeds the use in competent writing by 0.0058 (0.0075 vs 0.0017).