"New data in the Greek Nooj module: A local grammar of proper nouns"

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"New data in the Greek Nooj module: A local grammar of proper nouns"

1. Previous work

2. New data
   2.1. Compound words
   2.2. Proper names

3. Perspectives
1. Previous work

Greek electronic dictionary

I. Macrostructure

- 25,550 entries (simple words)

- Each entry as a lexical unit.

2. New data

2.1. Compound words

2.2. Proper names

3. Perspectives
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1. Previous work

Greek electronic dictionary

II. Microstructure

- G field → grammatical category
- F field → inflectional codification
- T field → syntactic-semantic features
- C field → classes of objects
- E field → Spanish equivalent
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1. Previous work

2. New data
   2.1. Compound words
   2.2. Proper names

3. Perspectives

2. New data
   2.1. Introduction of Compound words
   2.3 Treatment of Proper names
1. Previous work

2. New data

2.1. Compound words

2.2. Proper names

3. Perspectives

2.1 Compound words

➢ Multi-word units/compound words:

“sequences of non analyzable sequences of word forms”

(Max Silberztein, Manual of NooJ)
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1. Previous work

2. New data
   2.1. Compound words
       - Dictionary of compound words
   2.2. Proper names

3. Perspectives

2.1. Compound words

I. Macrostructure

- 1,500 entries of compound words of NN type
  (Zoe Gavriilidou, 1994)

i.e.

χώρα μέλος,N+FLX=CN25N46+Loc+Pays+communeurop
+FR=pays membre

(EN: country member)
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1. Previous work

2. New data
   2.1. Compound words
   2.2. Proper names

3. Perspectives

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- G field: grammatical category
  - Nouns
- F field: inflection codification
  - 150 inflection rules
- T field: syntactico-semantic features
  - Abstract, Action, Animal, Concrete, Human, Locative, Temporal, State, Event
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1. Previous work

2. New data
   2.1. Compound words
   2.2. Proper names

3. Perspectives

2.1. Compound words

II. Microstructure

- C field $\rightarrow$ classes of objects
  - Accessories, means of transport, machines, illnesses, monuments, furniture, part of body, profession, region, feelings, etc...

- D field $\rightarrow$ domains
  - Administration, astronomy, journalism, literature, music, psychology, etc...

- FR field $\rightarrow$ French equivalent
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1. Previous work

2. New data
   2.1. Compound words
   2.2. Proper names

3. Perspectives

2.3 Proper names
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1. Previous work

2. New data
   2.1. Compound words
   2.2. Proper names

3. Perspectives

2.3.1 Surnames
   < Data base of 12.000 surnames
   2.3.1.1 Dictionary of Greek Surnames
   2.3.1.2 Morphological grammar of Greek surnames
   2.3.1.3 Dictionary of non Greek surnames
   2.3.1.4 Morphological grammar of non Greek surnames
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1. Previous work

2. New data
   2.1. Compound words
   2.2. Proper names

3. Perspectives

2.3.1.1 Dictionary of Greek Surnames

- **Macrostructure**: 6,400 entries (m&f)
- **Microstructure**
  - **F field**: reuse of the existent codes
  - **T field**: Hum (Human)
  - **C field**: NPR (Proper Nouns)
  - **D field**: SN (Surnames)

i.e. Αλιμέρτης, N+FLX=N1a+Hum+NPR+SN
    Αλιμέρτη, N+FLX=N23a+Hum+NPR+SN
"New data in the Greek Nooj module: A local grammar of proper nouns"

1. Previous work

2. New data
   2.1. Compound words
   2.2. Proper names

3. Perspectives

2.3.1.2 Morphological grammar of Greek Surnames
"New data in the Greek Nooj module: A local grammar of proper nouns"

1. Previous work

2. New data

2.1. Compound words

2.2. Proper names

3. Perspectives

2.3.1.2 Morphological grammar of Greek Surnames

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i.e.
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1. Previous work

2. New data

2.1. Compound words

2.2. Proper names

3. Perspectives

2.3.1.3 Dictionary of non Greek Surnames

- **Macrostructure** → 4,000 entries (m&f)

- **Microstructure**
  - F field → reuse of the existent codes
  - T field → Hum (Human)
  - C field → NPR (Proper Nouns)
  - D field → SN (Surnames)

i.e. Σινάτρα, N+FLX= N1b+Hum+NPR+SN
Μονρόε, N+FLX= N23a+Hum+NPR+SN
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1. Previous work
2. New data
   2.1. Compound words
   2.2. Proper names
3. Perspectives

2.3.1.4 Morphological grammar of non Greek Surnames
"New data in the Greek Nooj module: A local grammar of proper nouns"

1. Previous work
2. New data
   2.1. Compound words
   2.2. Proper names
3. Perspectives

2.3.1.4 Morphological grammar of non-Greek Surnames

18 graphs

i.e.

nom+gen+acc+voc+s+m+f
"New data in the Greek Nooj module: A local grammar of proper nouns"

1. Previous work

2. New data

2.1. Compound words

2.2. Proper names

3. Perspectives

2.3.2 First Names

- Dictionary of Greek first names
  - Macrostructure 2,000 entries (m&f) (+500 ancient Greek and Latin first names)
  - Microstructure
    - F field: reuse of existent codes
    - T field: Hum (Human)
    - C field: NPR (Proper Nouns)
    - D field: FN (First names)

i.e. Ὀμηρός, N+FLX=N18+Hum+NPR+FN
Ελένη, N+FLX=N24a+Hum+NPR+FN
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1. Previous work

2. New data
   2.1. Compound words
   2.2. Proper names

3. Perspectives
   - Simple and compound words
   - Frozen expressions
   - Derivation
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1. Previous work

2. New data
   2.1. Compound words
   2.2. Proper names

3. Perspectives
   - Nouns
     - Proper names
     - Toponyms
     - National names
     - Names of languages
   - Adjectives
     - National adjectives
     - Syntactic and morphological grammar of the comparative forms
   - Verbs
     - Systematic inscription of all the Greek verbs
THANK YOU FOR YOUR ATTENTION

“Greek NooJ Module”