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Venice Centre for
Digital and Public
Humanities



UNIVERSITÀ
DEGLI STUDI
DI PALERMO

Ursus Beneventanus - Data pitch

Graphic markup (punctuation, space), abbreviations and the “e caudatum” conundrum

Paolo Monella

Die (hyper-)diplomatische Transkription und ihre Erkenntnispotentiale / Hackathon
Bergische Universität Wuppertal (BUW), 7. Februar 2020

Graphic markup (punctuation, space)

Punctuation as “graphic markup”

<w>**infiniti**</w>

<pc n=",">·</pc>

<w>**mutata**</w>

<pc n="quote">·</pc>

<w>**tum**</w>

<pc n="quote">·</pc>

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Space as “graphic markup”

<w>**in**</w>

<w>**nomi**

<lb break="no" n="1r.a.14" />

natiuo</w>

<pc n=",">·</pc>

<w>**et**</w>

<w>**non**</w>

<pc n="space"> </pc>

<w>**habet**</w>

[...]

<w>**unius**

<pc n="space"> </pc>

cuiusque</w>

Punctuation as
“graphic markup”

Space as
“graphic markup”

Tokenization

“Graphic word” vs “linguistic word”

<w>**in**</w>

<w>**nomi**

<lb break="no" n="1r.a.14" />

natiuo</w>

<pc n=","> · </pc>

<w>**et**</w>

<w>**non**</w>

<pc n="space"> </pc>

<w>**habet**</w>

[...]

<w>**unius**

<pc n="space"> </pc>

cuiusque</w>

Distinction between
“graphic word” and
“linguistic word”

Tokenization

“Graphic word” vs “linguistic word”

<w>**in**</w>

<w>**nomi**

<lb break="no" n="1r.a.14" />

natiuo</w>

<pc n=","> · </pc>

<w>**et**</w>

<w>**non**</w>

<pc n="space"> </pc>

<w>**habet**</w>

[...]

<w>**unius**

<pc n="space"> </pc>

cuiusque</w>

Distinction between

“graphic word” and

“linguistic word”

Tokenization

“Graphic word” vs “linguistic word”

<w>**in**</w>

<w>**nomi**

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<pc n=","> · </pc>

<w>**et**</w>

<w>**non**</w>

<pc n="space"> </pc>

<w>**habet**</w>

[...]

<w>**unius**

<pc n="space"> </pc>

cuiusque</w>

Distinction between
“graphic word” and
“linguistic word”

Abbreviations

Abbreviations

Abbreviation marks, expansion

```
<w ana="11C---D1---" lemma="ordo" xml:id="w66">
```

ordin

```
<choice>
```

```
<abbr type="superscription">
```

e²

```
</abbr>
```

```
<expan>em</expan>
```

```
</choice>
```

```
</w>
```

Base grapheme

Combining
abbreviation mark

Expansion

Abbreviations

Abbreviation types

ordin

ordinē

```
<choice>
  <abbr type="superscription">
    e<am>2</am>
  </abbr>
  <expan>em</expan>
</choice>
```

choice

qbus

```
<choice>
  <abbr type="brevigraph">
    ¢
  </abbr>
  <expan>qui</expan>
</choice>
```

bus

quo

quoq;

```
<choice>
  <abbr type="after">
    q<am>;</am>
  </abbr>
  <expan>que</expan>
</choice>
```

choice

cor

```
<choice>
  <abbr type="omission">
    cor
  </abbr>
  <expan>correptum</expan>
</choice>
```

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The “e caudatum” conundrum

The “e caudatum” conundrum

Allograph or grapheme/abbreviation?

Gra- pheme	Alpha- beme(s)	Grapheme visualiza- tion	Type
a	a	a	Alphabetic
b	b	b	Alphabetic
c	c	c	Alphabetic
d	d	d	Alphabetic
e	e	e	Alphabetic
æ	ae	ɛ	Alphabetic
f	f	f	Alphabetic
g	g	g	Alphabetic
h	h	h	Alphabetic
i	i	i	Alphabetic

Medieval Latin:
“cesar”, not “caesar”

But:
“cesar” **and** “çesar”

Question:
(A) allograph of “e” or
(B) abbreviation of “ae”?



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