

Making 'more' sense out of books of ordinances!

Introducing the 'entangled histories'-project

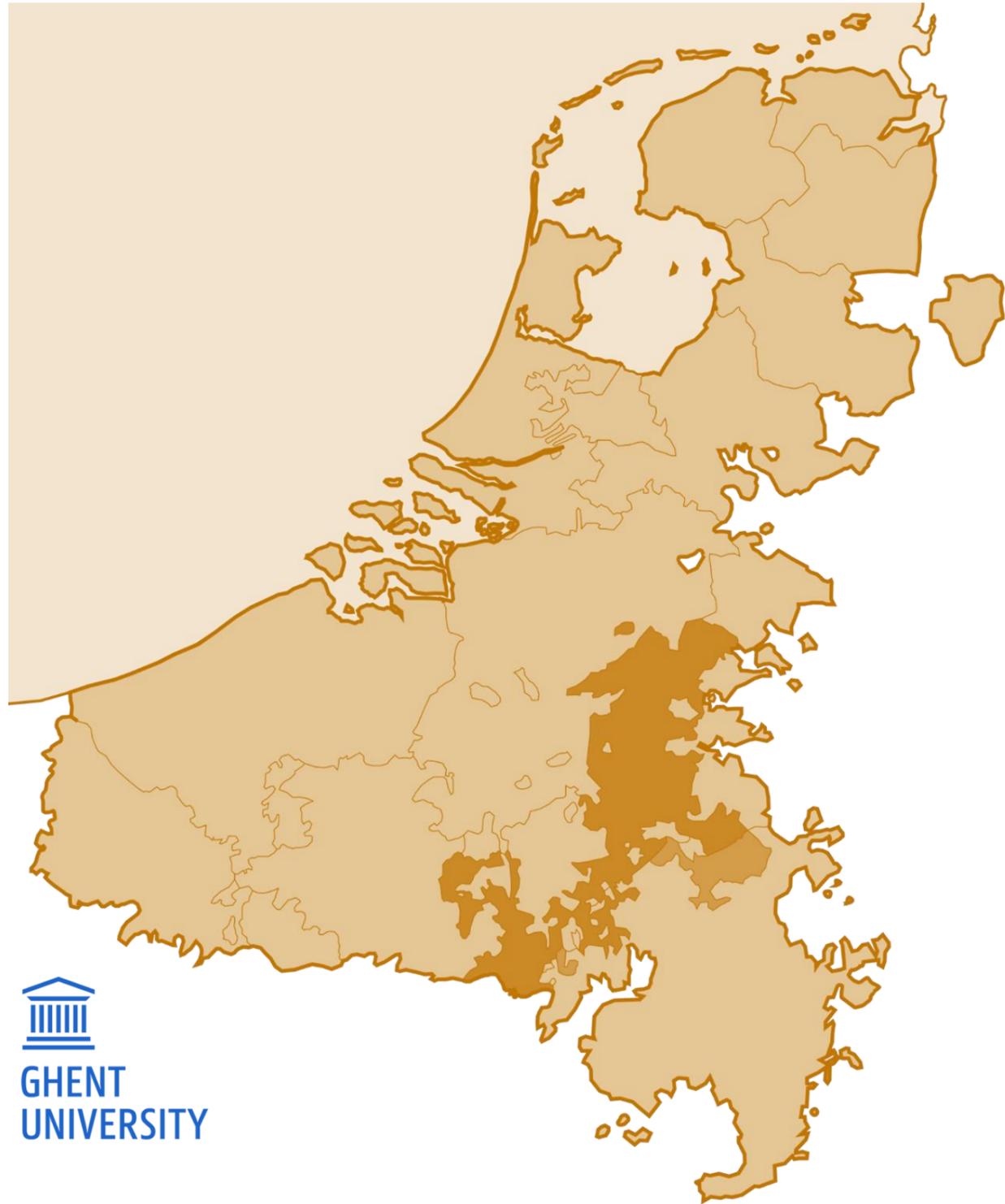
Dr. C.A. [Annemieke] Romein – Liège, 15 June 2019

Research hypothesis

Early modern European states struggled for survival, making it impossible to 'reinvent the wheel' each time a problem arose. Hence, it was of tremendous importance to copy, adapt and implement normative rules that were already proven successful elsewhere.

Sources

- Books of ordinances (plakkaatboeken)



Sources:

- Number of sources: 100 (current digitised corpus)
- Font : 75 Roman, 20 Gothic
- Language: 60 NL, 20 FR (some mixed)
- Nbr of pages: ±70.000
- Nbr of characters: 450 mln
- Years of publication: mainly 17th and 18th c.
- Regions: nearly all 17 provinces (thus excl. Liège, Staverlot)

Steps (aims) within the project

1. Quality enhancement of OCR through HTR
2. Segmentation based upon lay-out ('articles')
3. Categorisation through pre-trained Topic Modeling
4. Visualisations and connected data

QUALITY
ENHANCEMENT 'OCR'
THROUGH 'HTR'

Server Overview Layout Metadata Tools

Logout info@caromein.nl

Document Manager User Manager

Versions Jobs

Recent Documents... User activity

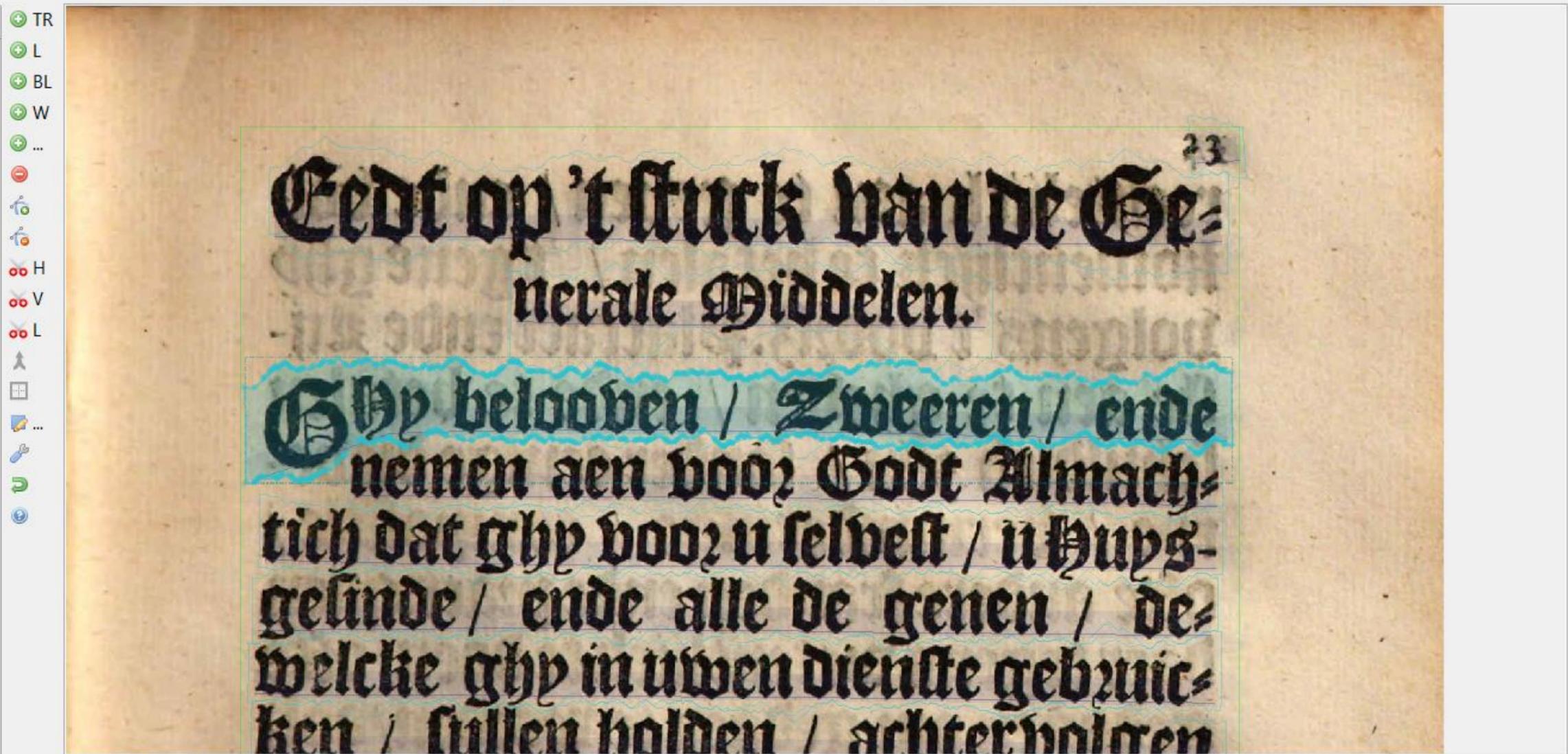
Collections:

PlakATEN (40652, Owner)

1-87 / 87 1 1 Doc-ID

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163...	KBNL03000013805_png	272	sara.veldho...	Thu May 16...

100 Filter



1-1	23
1-2	Eedt op 't stuck van de Ge-
1-3	nerale Middelen.
1-4	Ghy beloven/ Zweeren/ ende
1-5	nemen aen voor Godt Almach-
1-6	tich dat ghy voor n selvest/ uHuys-
1-7	gesinde/ ende alle de genen/ de-
1-8	welcke ghy in uwen dienste gebrui-
1-9	ken / sullen holden / achterholren

Choose a model

Search: Technology: Show all

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TestGGP3	Nederlands...	info@caromei...	CITlab HTR+	08.06.19	144...
Gelderland-boek	Dutch	info@caromei...	CITlab HTR+	07.06.19	144...
testGGP	NL-Gelderl...	info@caromei...	CITlab HTR+	31.05.19	141...
French17thcNamur	French_Bel...	info@caromei...	CITlab HTR+	24.05.19	139...
NederlandsGothic	Nederlands	info@caromei...	CITlab HTR+	20.05.19	137...
NederlandsGothicPrint	Dutch	info@caromei...	CITlab HTR+	07.05.19	132...
Comb_Gothic_Script	MHG,LAT	tobias.hodel@...	CITlab HTR	02.05.18	3156
German Kurrent (Reichsgericht)	German	guenter	CITlab HTR	19.02.17	78
Konzilsprotokolle v1	German	philip	CITlab HTR	30.12.16	5
English Writing M1	English	Unknown	CITlab HTR	08.04.16	133

Details

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Description:

Parameters:

Nr. of Words: Nr. of Lines:

Show Train Set Show Test Set Show Character Set

CER on Train Set: CER on Test Set:

OK Cancel

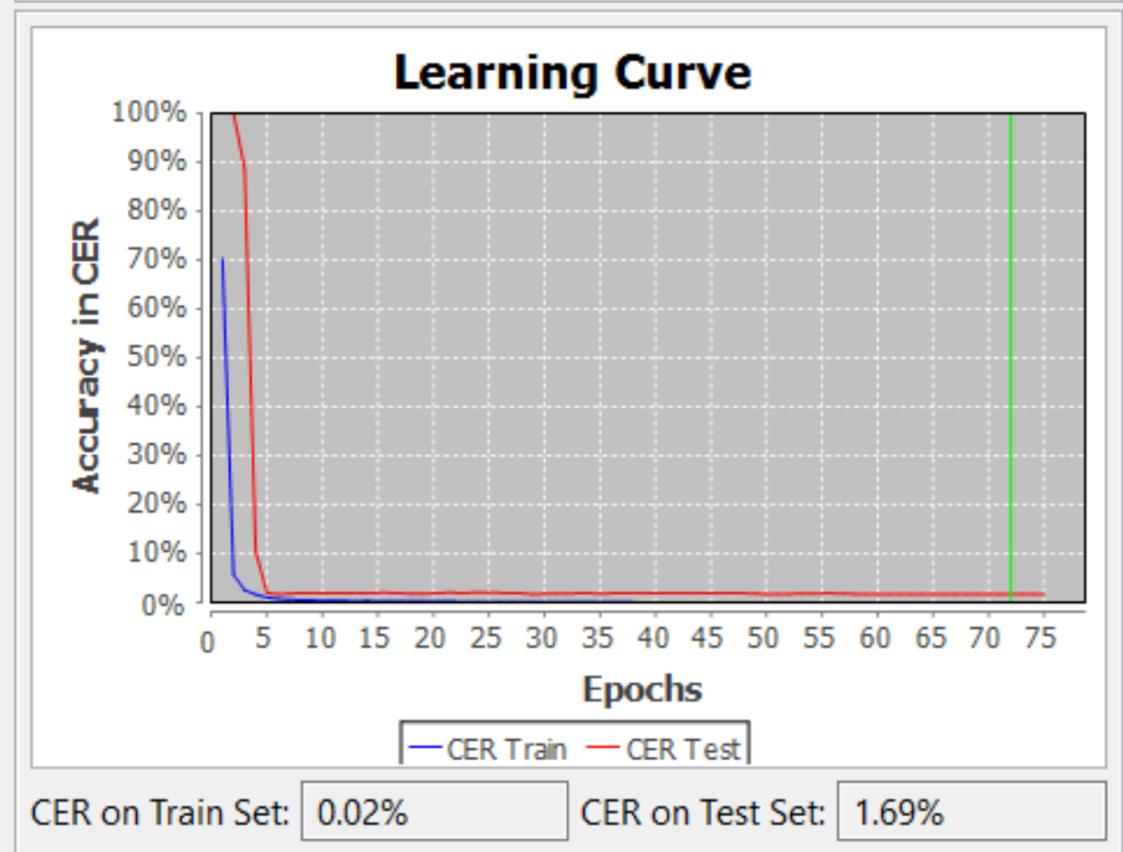
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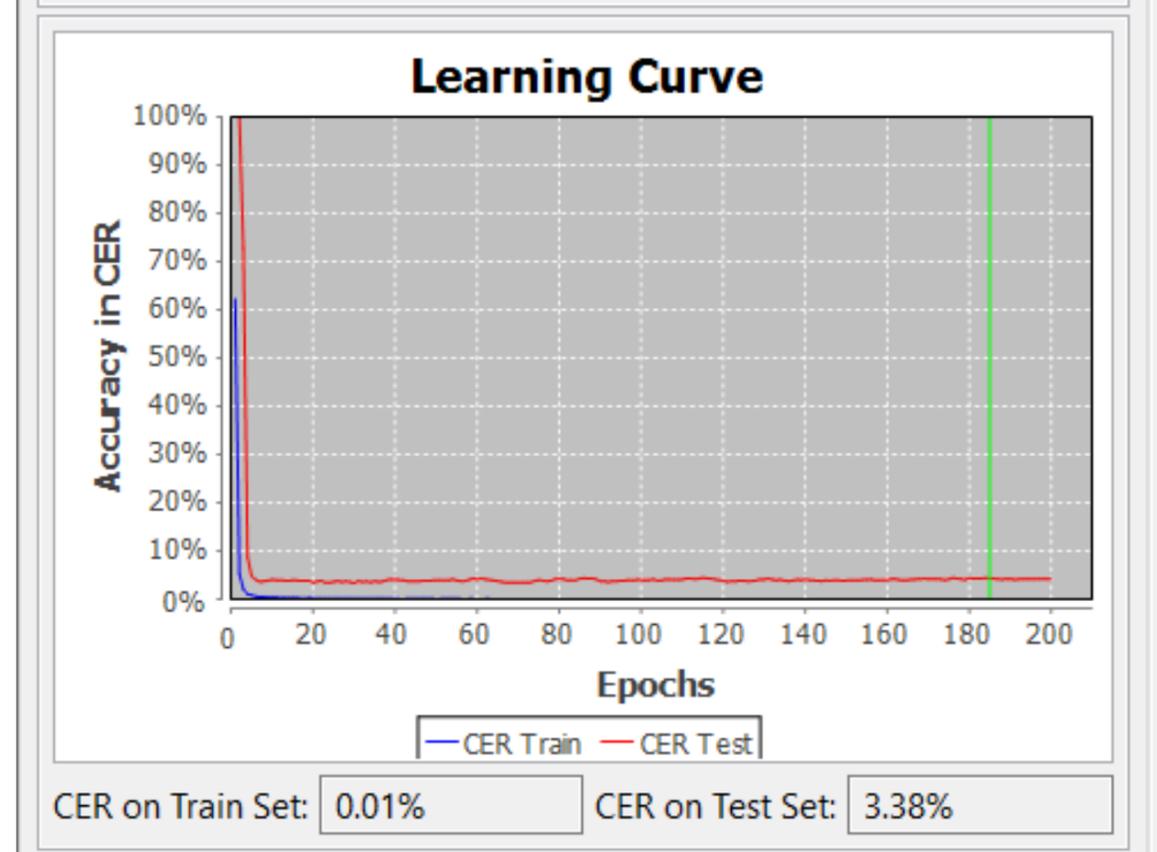
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Nr. of Words: Nr. of Lines:



SEGMENTATION

CATEGORISATION

POLICEY

‘Good police was also often used as a synonym for ‘good order’ (Swedish *ordning*, Germ. *Ordnung*, Fr. *ordre*); order being understood in the widest possible sense, i.e., societal order including the social, economic, moral and religious spheres. Police as a state of affairs thus signified good societal order. Secondly, the term police was frequently used to signify *governmental action* through which maintenance of this societal order was to be achieved.’

Toomas Kotkas, *Royal Police Ordinances in early modern Sweden, the emergence of voluntaristic understanding of law* (Leiden 2013), p. 1.

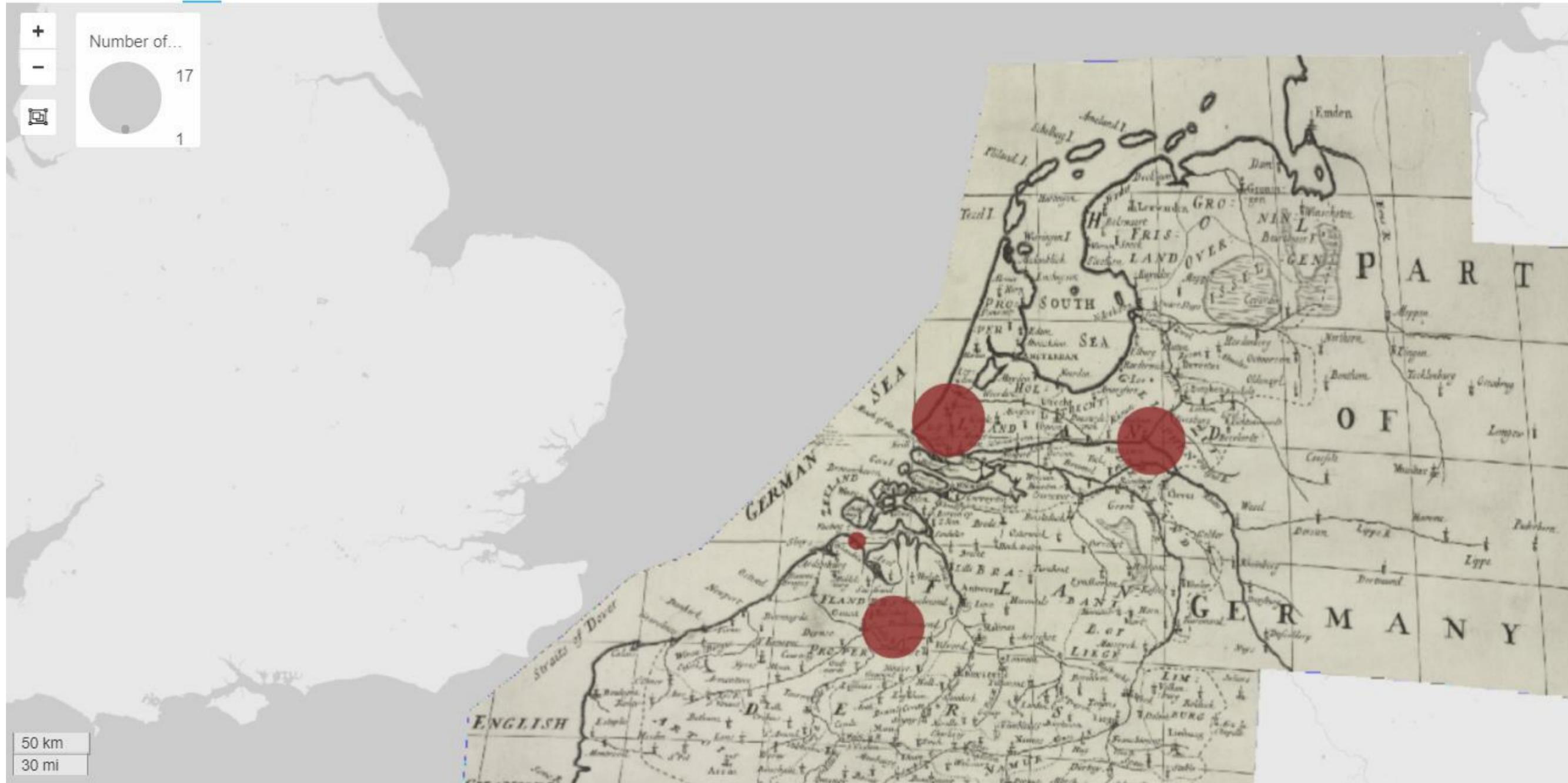
- 1800 categories, hierarchical
- **1. Gesellschafts- und Sozialordnung. Religion (7)**
- **2. Öffentliche Sicherheit und Ordnung (4)**
- **3. Sozialwesen. Gesundheitswesen. Erziehungswesen. Kultur (4)**
- **4. Wirtschaftsordnung. Arbeits- und Berufsordnung (7)**
- **5. Bodenordnung; Bauwesen; Grundstückswesen. Öffentliche Einrichtungen (4)**

Region specific?

- Books of ordinances: treaties (\neq policey).
- Polders; admiralty; colonies.

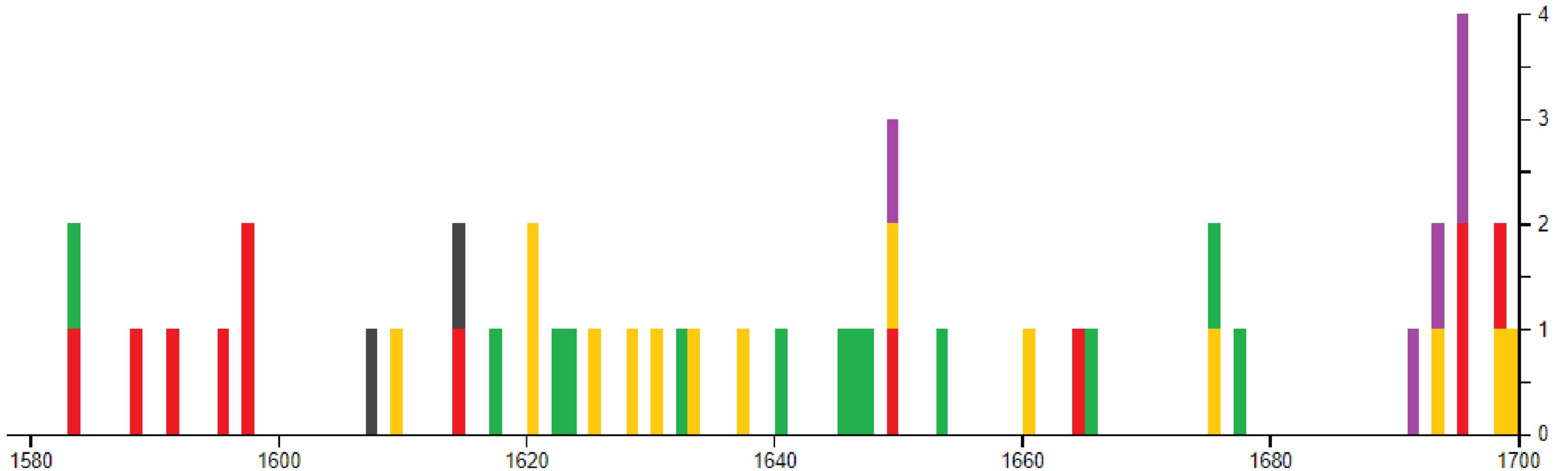
VISUALISATION - GPS

Palladio (Stanford DH tool)



Timeline

N=47
Holland = Red
Estates General = purple
Flanders = Green
Zeeland = Black
Gelders = Yellow

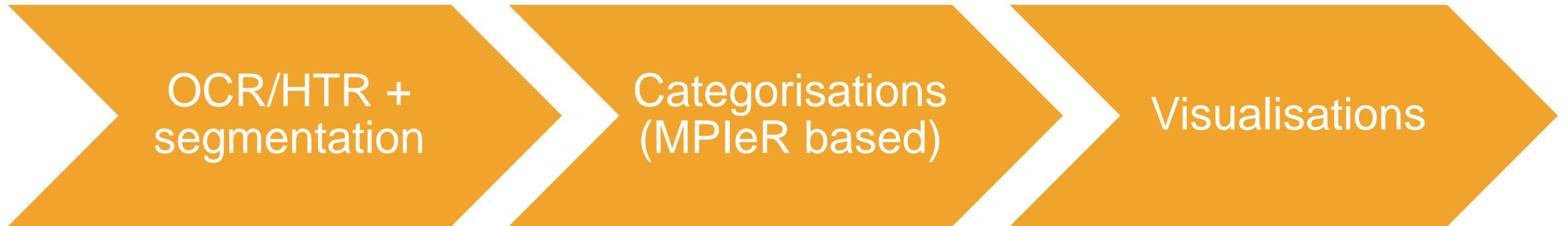


BENEFIT FOR LEGAL HISTORY

Benefits

- Overview of which publications of books of ordinances there actually where.
- DOI's for all of the 100 books
- Tool to add metadata to legal texts (policymaking)

Steps



PROJECT TEAM

- Annemieke Romein – PI
- Sara Veldhoen – Programmeur
- Michel de Gruyter – Project-advisor

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