



M. KÜTTIM

Digital History Switzerland 2024



20 GODPARENTS AND 3 WIVES – STUDYING MIGRANT GLASSWORKERS IN POST- MEDIEVAL ESTONIA

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in your future

Objectives & raw data

Identifying the role, connections, and life histories of foreign workers in the industry



Map: Canva

GLASS AND ITS MAKERS IN ESTONIA, C. 1550–1950: AN ARCHAEOLOGICAL STUDY

Objectives & raw data

Identifying the role, connections, and life histories of foreign workers in the industry

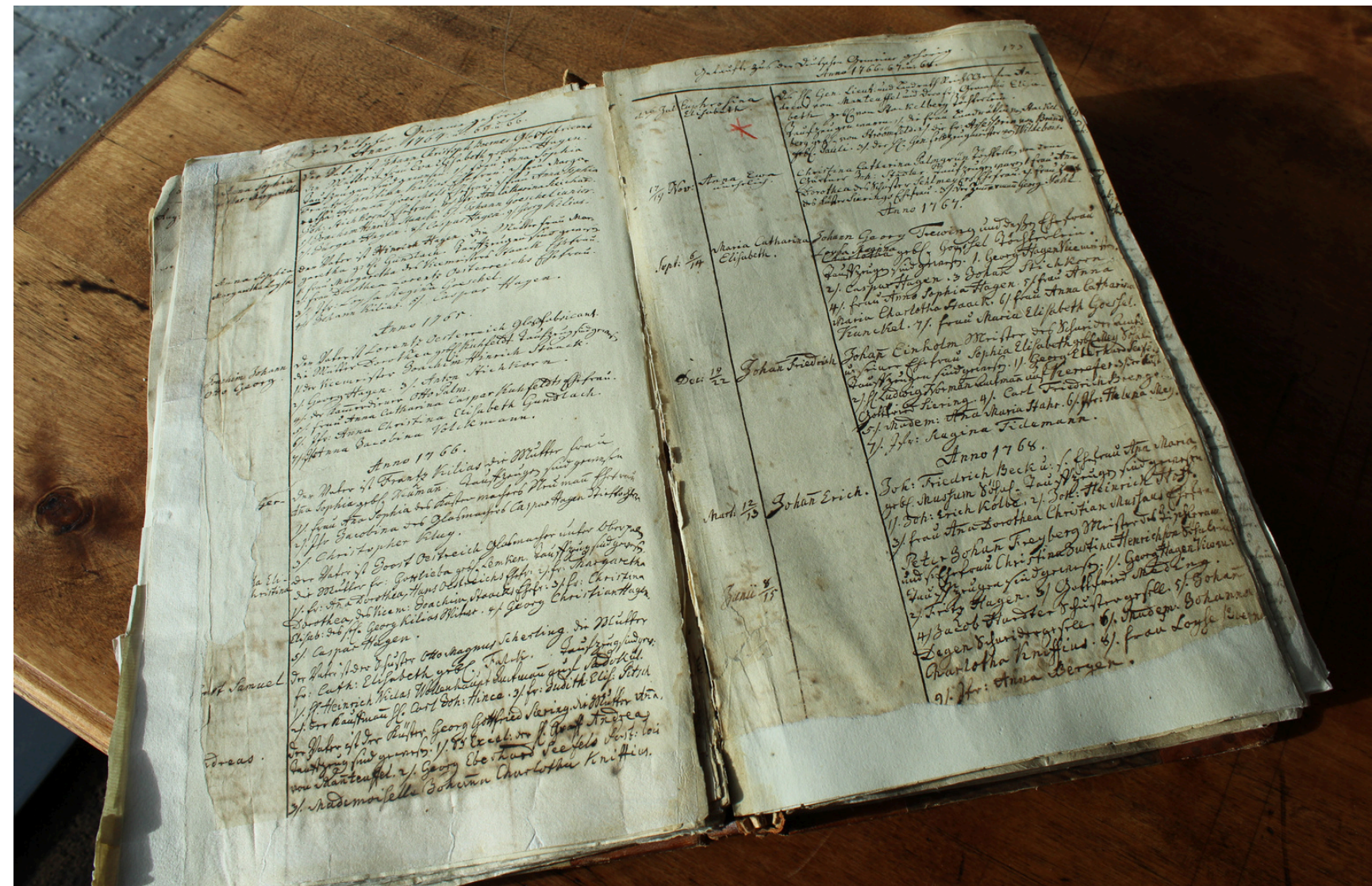
Personal information of 1,248 individuals (636)

16th-19th century, focus 1620-1860

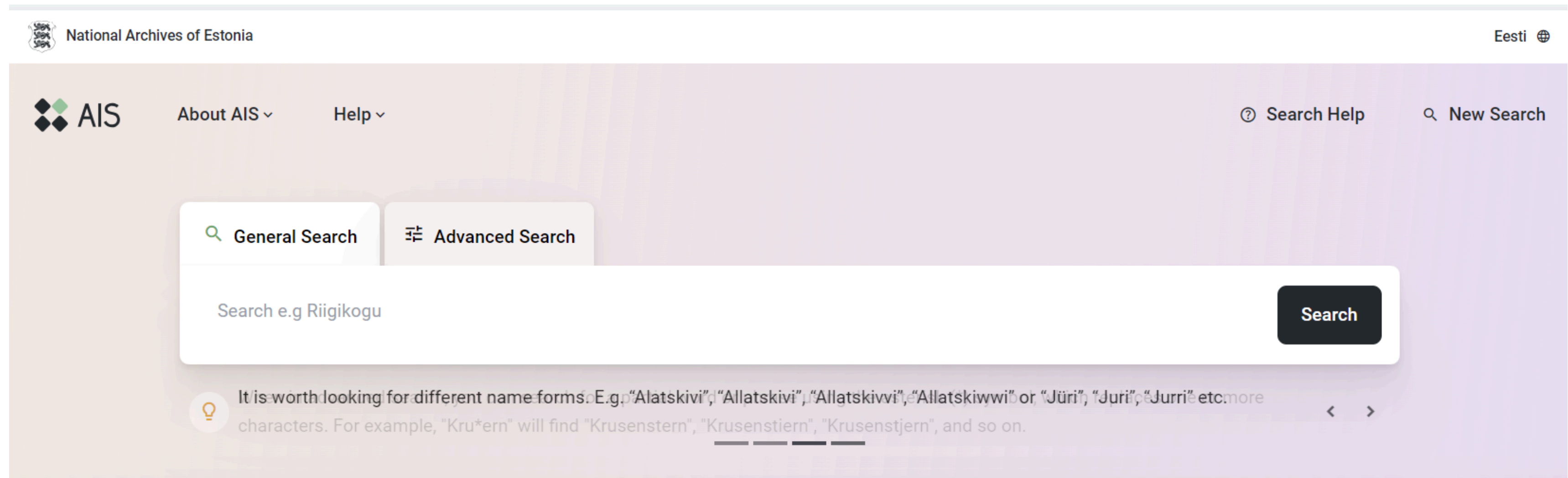
Methods & tools

Glassworkers

- Documentary analysis - digital and paper-based records (mainly identified via AIS & DEA)
- Documentary archaeology - desk-based assessment of sites (AM, EELIS, EKI Varep, Maa-amet, ALVIN etc)
- Network visualisation using Gephi (wrangled datasets available at request)
- Geographical maps using RStudio (scripts available at request)



Archival Information System (National Archives of Estonia)



The screenshot shows the AIS website interface. At the top left is the National Archives of Estonia logo and name. At the top right is the language selector 'Eesti' with a globe icon. Below the header is the AIS logo and navigation links: 'About AIS' and 'Help'. On the right side of the header are 'Search Help' and 'New Search' links. The main content area features two search options: 'General Search' and 'Advanced Search'. Below these is a search input field with the placeholder text 'Search e.g Riigikogu' and a 'Search' button. A light blue callout box contains a lightbulb icon and the text: 'It is worth looking for different name forms. E.g. "Alatskivi", "Allatskivi", "Allatskivi", "Allatskiwvi" or "Jüri", "Juri", "Jurri" etc. more characters. For example, "Kru*ern" will find "Krusenstern", "Krusenstiern", "Krusenstjern", and so on.' Below the callout box are navigation arrows.

AIS is Estonian Archival
Information System



Archival Information System (National Archives of Estonia)

Personal name indexes of registers of parishioners

Surname

County

Parish

Start year from to

End year from to

 [Log in](#) | [Eesti keeles](#)

- **tamm* finds Karotamm, Tamm, Veskitamm
- *tamm** finds Tamm, Tammekunn, Tammeveski, Tammsaar
- **man** finds Tammann, Tamman, Strandmann, Mannerg
- *???mann* finds Tammann, Aasmann, Eermann, but not shorter or longer names

In Saaga, relevant green information button after the title of the registers of parishioners (in Estonian: personaalraamatud, in singular: personaalraamat) shows which books have been indexed and which names are in the database from that specific book.

The database refers to the file (physical book) page number and not always to Saaga picture number. Only some picture numbers have been added since the beginning and everyone is welcome to add more picture numbers.

Please check prior to sending the error message, whether it has to do with the multiple numbering of the pages. It might be that the reference is to another numeration than you initially noticed.

Maiden names are included in about half of the books that have been indexed. Indexes are made by voluntary people and everyone can volunteer. Only indexes of whole books are accepted. If interested, please contact project manager Fred Puss: fred@isik.ee. Do not start indexing without guidance if you want to share your results with the project.

Archival Information System (National Archives of Estonia)





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Search straight from the source

Welcome to the full-text search for the collections of the National Archives of Estonia! On this page, you will find collections of sources, the contents of which have been automatically detected and made searchable using the platform Transkribus.

[Read more on the About page](#)

Digital Archive of Newspapers (National Library of Estonia)

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Only available [Detailed search](#)

FIND Full text

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BROWSE THE COLLECTION

1983 (3464) January (285)

M	T	W	T	F	S	S
31					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

ABOUT THIS COLLECTION

1.5 million pages of texts will be digitized as part of "Digitalization of cultural heritage 2018-2023". A large part of the "Mass digitization 2019-2022" project consists of Soviet-era press, which significantly improves the coverage of the second half of the 20th century in the digital archive.

Digitization was financed by the European Regional Development Fund.

Newspapers (1693)

Journals (623)

Serials (524)

IN THE SPOTLIGHT



Digital Archive of Newspapers (National Library of Estonia)

Eesti Postimees ehk Näddalaleht : ma- ja linnarahvale, Number 12, 8 January 1904

Issue Article

Tagasiwaade läinud aasta pääle.
<https://dea.digar.ee/article/eestipostimees/1904/01/08/3>

Text

Why may this text contain mistakes?
Correct this text

Tagasiwaade läinud aasta pääle.

i. Wana aasta on hauda warisenud, uus kätte jõudnud ja selle wahetuss puhul on sünnis pilku tagasi heita, et ülewaatlikult ja lühidelt weel kord meelde tuletada, mis lahkunud aasta meile toonud ja meilt wiinud. Silmitseme kõige päält maailma politW olusid. Kaks küsimust on need olnud, mis möödaläinud sõjata aasta sisuks oliwad, ja need mõlemad küsimused astuwad wana-aasta pärandusena lahendamatu ka uue aasta sisse: Kauge Ida ja läheda Hommikumaa küsimused. Neil mõlematel küsimustel on sellepoolest sarnaduft, et nad iseäranis meie riigi kohta tähtsad on. Kauge Ida asjade tulemit seisab tumedalt meie ees; enne lõpulikk otsustamist, mida meie põnewalt ootame, wõiwad weel nädalid mööda minna, ja keegi ei wõi praegu kindlasti ütelda, kuidas need asjad säääl lõpewad. Mis meie silmade ees seisab, on ainult mõlemate wastasts kindel otsus, ettemääratud pääsihft mitte kõrwale kalduda. Jaapan peab ennast ju Jaapani-Hima sõjast saadik Jda-Aasia tulewikumaaks ja iseäralise Europast laenatud Aasia hariduse laialilaotiaiks. Ta paneb kõik rattad käima. et enesele Jda-

31r. 12 Tallinnas, neljapäeval, 8. jaanuaril 1904.

Eesti Postimees

2 korda nädalis ilmumisel ma- ja linnarahvale.
— 41 aastat täht —

„Eesti Postimees“ hind:	
1 kuu 2 r. 40 s.	10 kuu 20 r. 50 s.
3 kuud 6 r. 40 s.	1 aasta 70 r. 50 s.
6 kuud 12 r. 40 s.	1 aasta 70 r. 50 s.

... (table continues with subscription rates) ...

Kõigekõrgem kiri

... (text continues) ...

Tagasiwaade läinud aasta pääle.

1
Wana aasta on hauda warisenud, uus kätte jõudnud ja selle wahetuss puhul on sünnis pilku tagasi heita, et ülewaatlikult ja lühidelt weel kord meelde tuletada, mis lahkunud aasta meile toonud ja meilt wiinud. Silmitseme kõige päält maailma politW olusid. Kaks küsimust on need olnud, mis möödaläinud sõjata aasta sisuks oliwad, ja need mõlemad küsimused astuwad wana-aasta pärandusena lahendamatu ka uue aasta sisse: Kauge Ida ja läheda Hommikumaa küsimused. Neil mõlematel küsimustel on sellepoolest sarnaduft, et nad iseäranis meie riigi kohta tähtsad on. Kauge Ida asjade tulemit seisab tumedalt meie ees; enne lõpulikk otsustamist, mida meie põnewalt ootame, wõiwad weel nädalid mööda minna, ja keegi ei wõi praegu kindlasti ütelda, kuidas need asjad säääl lõpewad. Mis meie silmade ees seisab, on ainult mõlemate wastasts kindel otsus, ettemääratud pääsihft mitte kõrwale kalduda. Jaapan peab ennast ju Jaapani-Hima sõjast saadik Jda-Aasia tulewikumaaks ja iseäralise Europast laenatud Aasia hariduse laialilaotiaiks. Ta paneb kõik rattad käima. et enesele Jda-

Dataset II

- Open Access raw dataset with 22 main parameters for workers (DataDOI.ee)

Adamowitsch/Benowitsch														
	A	B	C	D	E	F	G	H	I	J	K	L	M	
1	Surname	Forename	Profession_or_link	GW_EST	GW_other	DOB	POB_or_POO	DOBM	POBM	DOM	POM	DOD	COD	
5	Albrecht	Alexander Georg	Cutter (Schneider)	NA	NA	1856-05-09	Estonia, Käru parish, Sipa, Seljamäe	NA	NA	1885-03-04	Estonia, Käru parish, Lellapere	1889-11-06	NA	Estc
6	Albrecht	Carl Johann Adolph	Journeyman cutter's son	Käru	NA	1851-06-24	Estonia, Käru	NA	NA	NA	NA	1854-03-22	child death	Esto
7	Albrecht	Friedrich Bernhard	Cutter (Schneider)	NA	NA	1859-01-21	Estonia, Pärnu	1859-02-08	NA	1899-02-28	Estonia, Pärnu, St. Nicholas' church	NA	NA	
8	Albrecht	Hans Eduard	Journeyman cutter's son	NA	NA	1861-09-01	Estonia, Pärnu	1861-09-17	NA	NA	NA	NA	NA	
9	Albrecht	Heinrich Theodor	Glassmaster (Glasmeister)	Ravila	NA	before 1773	NA	NA	NA	NA	NA	after 1776	NA	
10	Albrecht	Johann Heinrich (Hinrich)	Vice-master (Vizemeister), smelter master (Hüttenmeister), hollow glass maker (Hohlgläser)	Laashoone; Ravila; Lehtse	NA	NA	NA	NA	NA	before 1773	NA	1787-04-12	NA	Estc

Dataset II (DataDOI view)




DataDOI

[DataDOI](#) / [Humaniora](#) / [Ajaloo ja arheologia instituut](#) / [Ajaloo ja arheologia andmed](#) / [View Item](#)

Dataset 2. 16th-19th century glassworkers in Estonia

Reppo, Monika

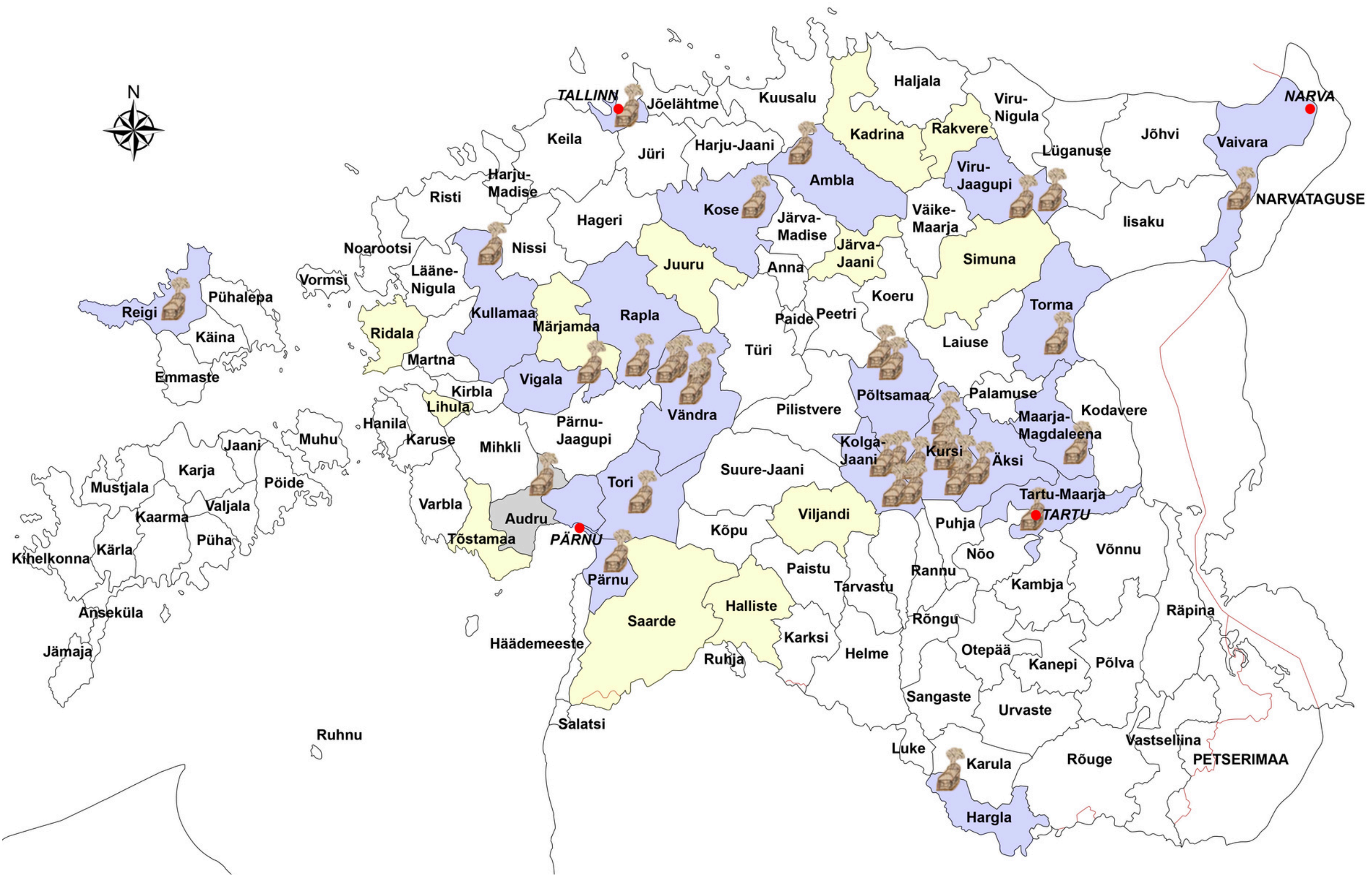
 Export ▾

Name	Size	Description
 README.txt	38.46Kb	Information about the dataset, including references
 Dataset_2_16th_19th_century_glassworkers_in_Estonia.xlsx	363.3Kb	Dataset 2. 16th-19th century glassworkers in Estonia
 Dataset_2_16th_19th_century_glassworkers_in_Estonia_v2.xlsx	232.3Kb	Dataset 2. 16th-19th century glassworkers in Estonia. Updated 17.05.2024

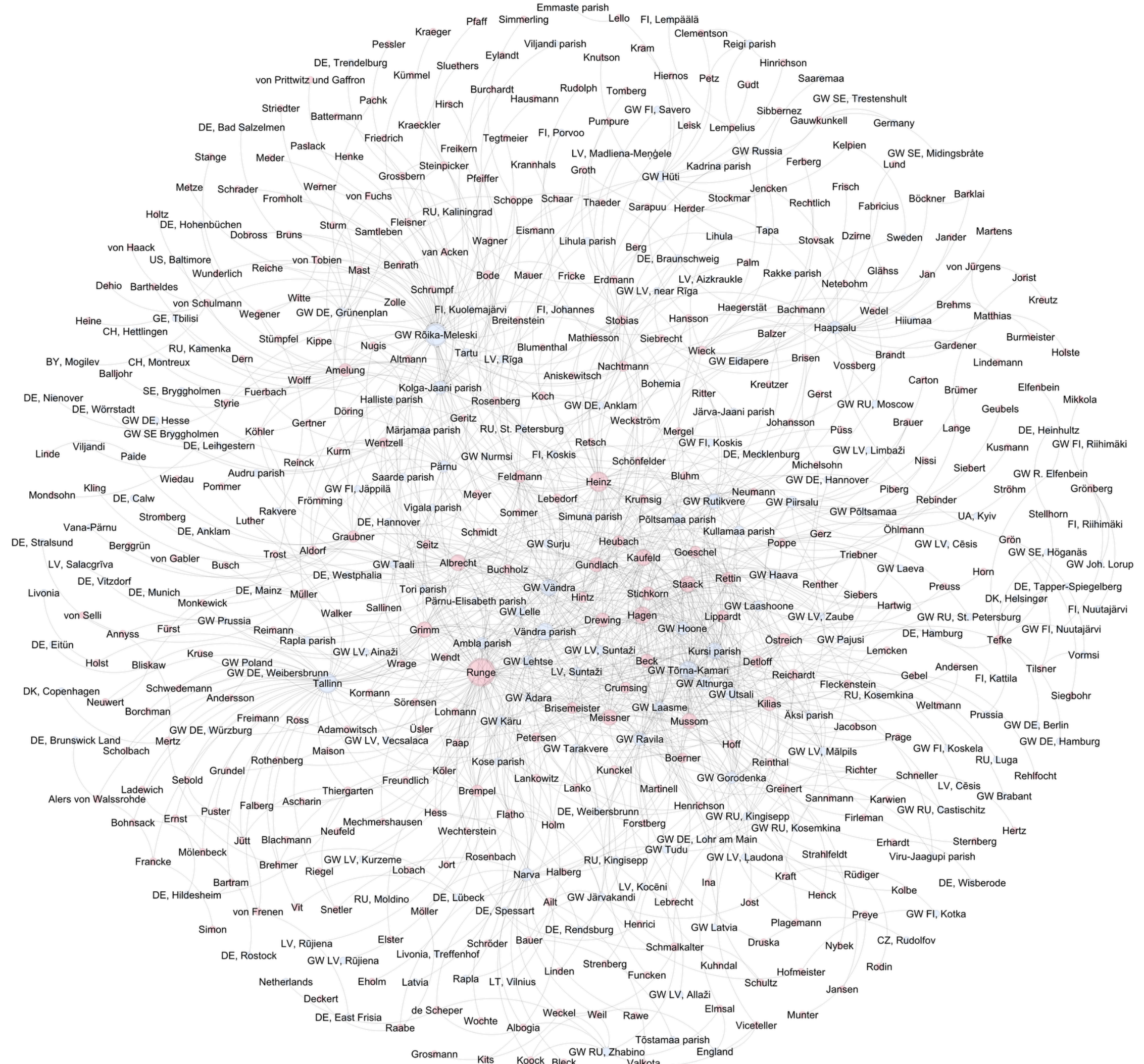
DATASET



doi.org/10.23673/re-448



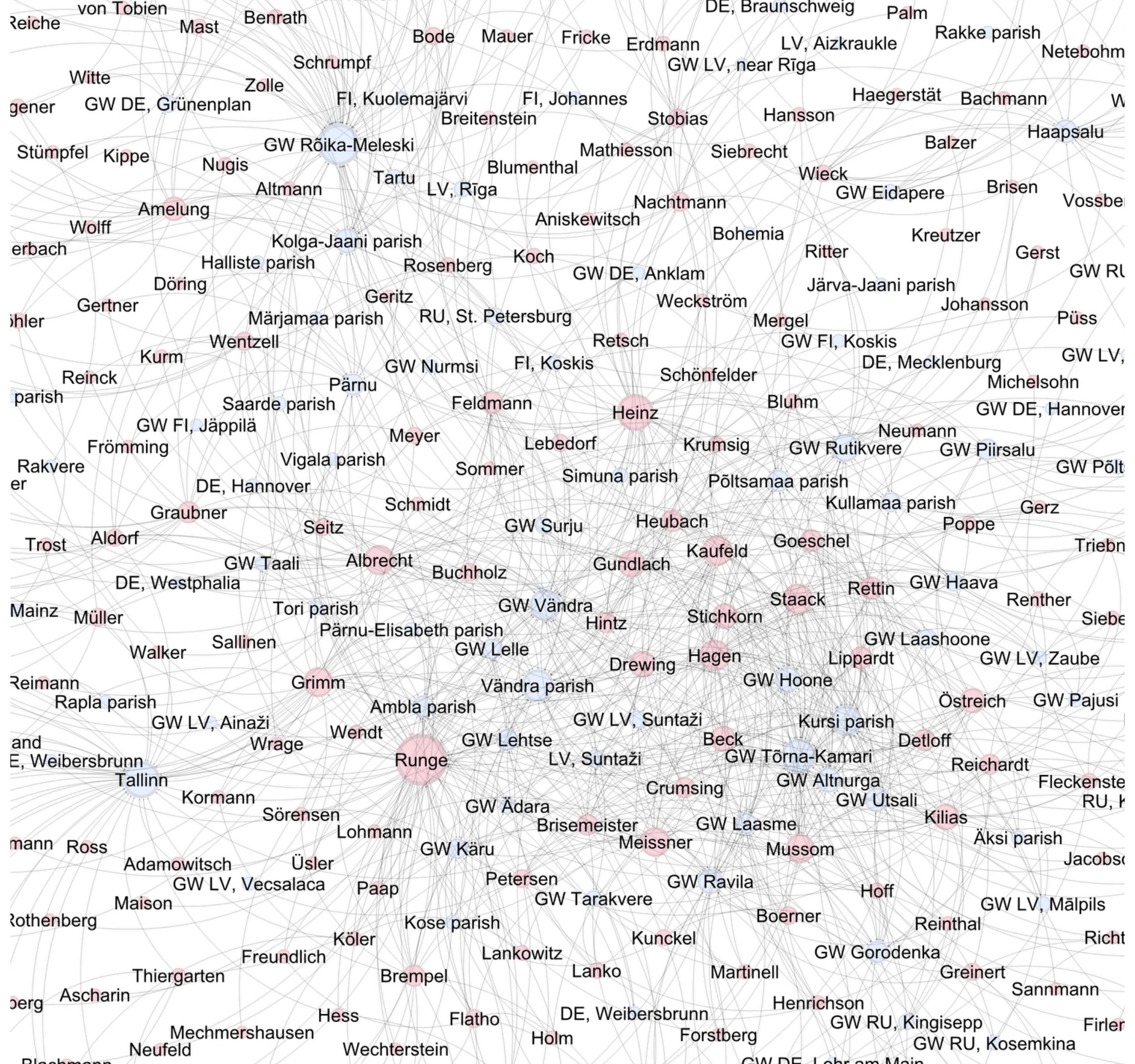
M. Reppo, EAA.308.2.208, Regio 2009, Kihelkondade skeemiline kaart 1921, 'Eesti mõisad'



Connections between
individuals and locations

	A	B	C	D	E
1	Source	Target	Person (so	Person (target)	
2	1	272	Adamowits	Runge	
3	2	156	Ailt	Kits	
4	2	328	Ailt	Valkota	
5	3	53	Albogia	de Scheper	
6	4	49	Albrecht	Busch	
7	4	89	Albrecht	Frömming	
8	4	97	Albrecht	Gertner	
9	4	153	Albrecht	Kaufeld	
0	4	177	Albrecht	Kurm	
1	4	196	Albrecht	Luther	
2	4	206	Albrecht	Meissner	
3	4	226	Albrecht	Nugis	
4	4	230	Albrecht	Paap	
5	4	241	Albrecht	Pommer	
6	4	256	Albrecht	Reimann	
7	4	257	Albrecht	Reinck	
8	4	272	Albrecht	Runge	
9	5	42	Aldorf	Brisemeister	
0	5	157	Aldorf	Kling	

	A	B	C	D
1	Label	ID	Category	
2	Adamowits	1	Person	
3	Ailt	2	Person	
4	Albogia	3	Person	
5	Albrecht	4	Person	
6	Aldorf	5	Person	
7	Alers von V	6	Person	
8	Altmann	7	Person	
9	Amelung	8	Person	
10	Andersen	9	Person	
11	Andersson	10	Person	
12	Aniskewits	11	Person	
13	Annyss	12	Person	
14	Ascharin	13	Person	
15	Bachmann	14	Person	
16	Balljohr	15	Person	
17	Balzer	16	Person	
18	Barklai	17	Person	
19	Bartheldes	18	Person	
20	Bartram	19	Person	



Connections between individuals and locations

Results: analysis

- **Everyday lives of glassworkers:**

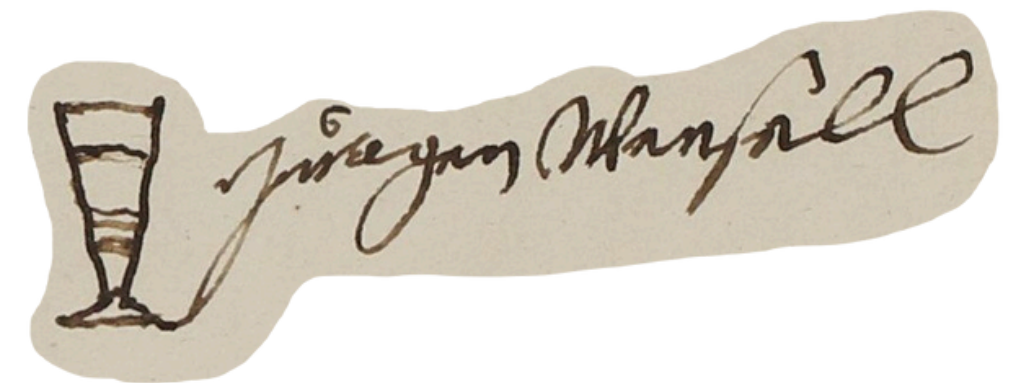
- Community building was evidenced through migration, marriages, and godparenting, especially from the mid-18th century onwards
- Higher number of godparents from the 1760s onwards (average 6)
- Disease outbreaks

- **17th-18th century:**

- Germany, Mecklenburg-Western Pomerania and Lower Saxony
- many small production sites
- moved every 1-3 years
- Wentzell
- Hagen

- **19th century**

- Germany, Karelia (Finland) in the second half of the century
- attempts on incentivise local Estonians to work at the glassworks
- larger factories
- decrease in mobility/internal migration
- Runge



Conclusion

NAE

Little legwork, lots
of close reading,
combing through
records

NLE

Little legwork,
quick results, but
with errors

Gephi

Extensive data
wrangling, clean,
easily legible
visuals

- 1.Reppo, M. 2023. Moving skills, moving ideas – migrant glassworkers in 17th–19th-century Estonia. – *Post-Medieval Archaeology*, 57 (3), 390–408.
- 2.Reppo, M. 2023. Dataset 2. 16th–19th-century glassworkers in Estonia (dataset). DataDOI. <http://dx.doi.org/10.23673/re-448>.

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THANK YOU!