

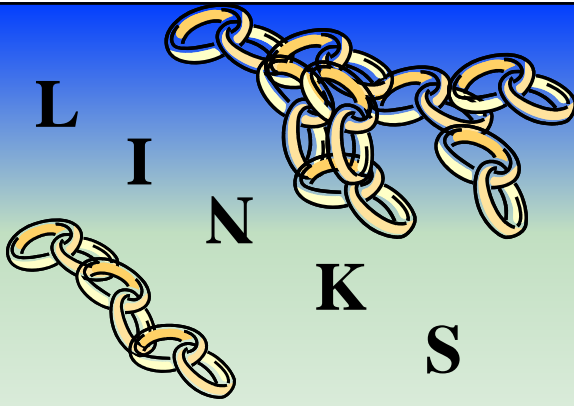


## Social Mobility and Migration

### Consequences of Linking Decisions Based on Geographical Distance for Research on Social Mobility

Kees Mandemakers (Int. Inst. Social History Amsterdam)  
Gerrit Bloothoofdt (University Utrecht)

ESSHC Belfast, 7<sup>th</sup> of April 2018

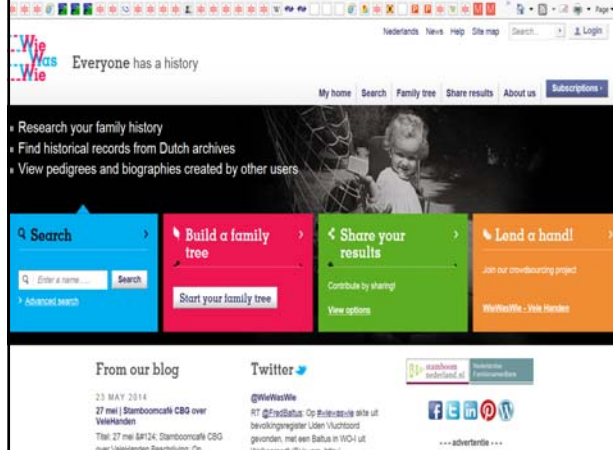


## LINKing System for historical family reconstruction




## What is LINKS?

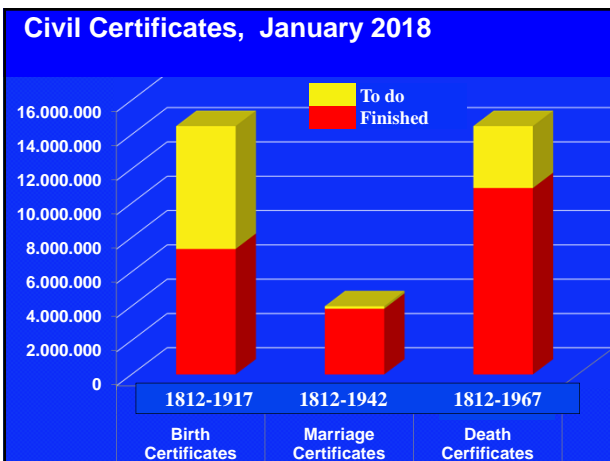
- What is LINKS and WhoWasWho
- Record Linkage
- Selection and Results
- Social Mobility and Geographical Space



Everyone has a history

- Research your family history
- Find historical records from Dutch archives
- View pedigrees and biographies created by other users

Search | Build a family tree | Share your results | Lend a hand!




## LINKS

### Open Infrastructure

- Civil Certificates
- Curch Registers
- Population Registers
- Adress Books
- Tax Registers
- Land Registers (Kadaster)



Data cleaning, standardization

**CONVERTING  
PARSING  
STANDARDIZING  
PREPARING for  
matching**



## LINKing System for Historical Family Reconstruction

Linking into

- Pedigrees
- Families

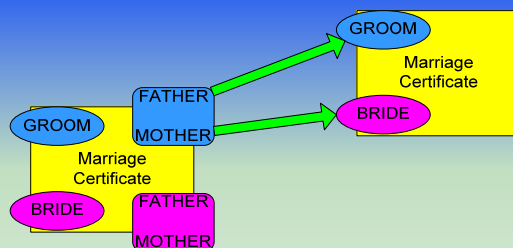
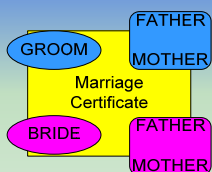


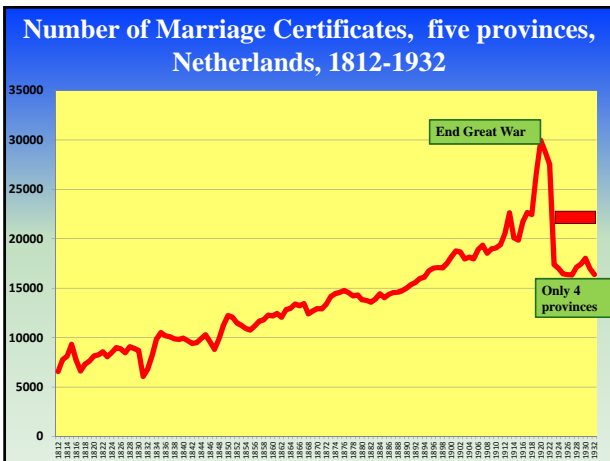
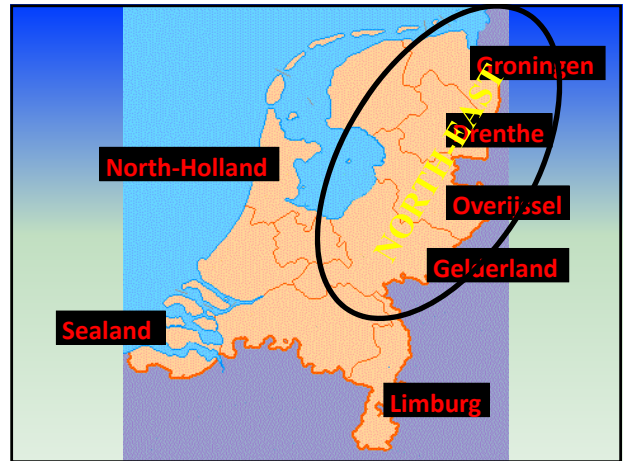
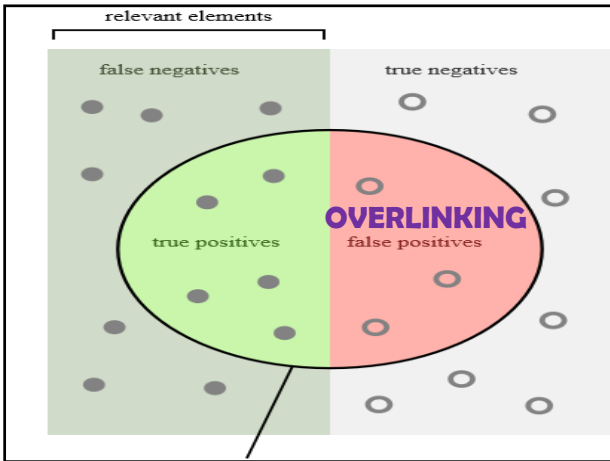
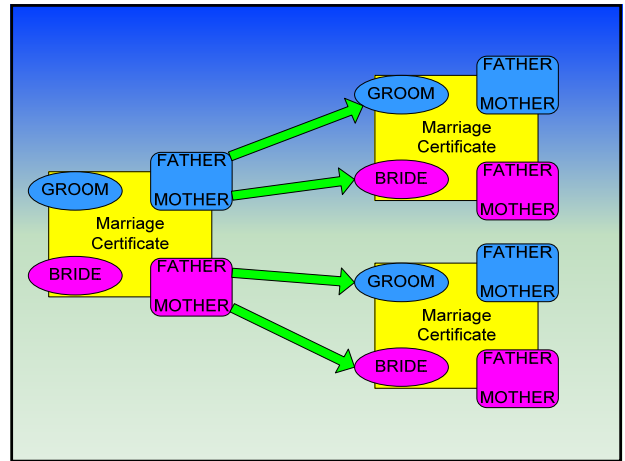
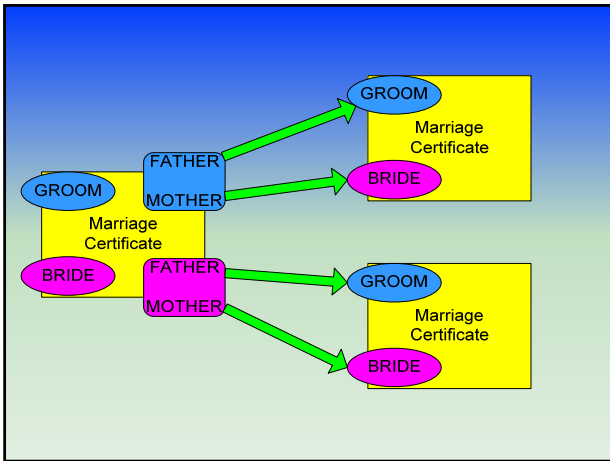
## LINKing System for Historical Family Reconstruction

Linking parents of bride and groom  
with their own certificate

between 15 and 50 years earlier

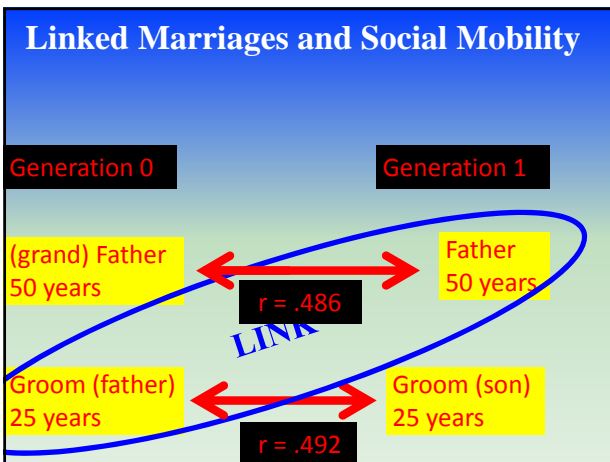
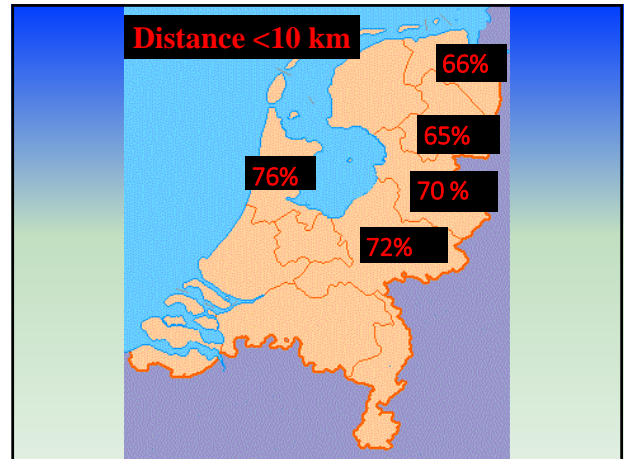
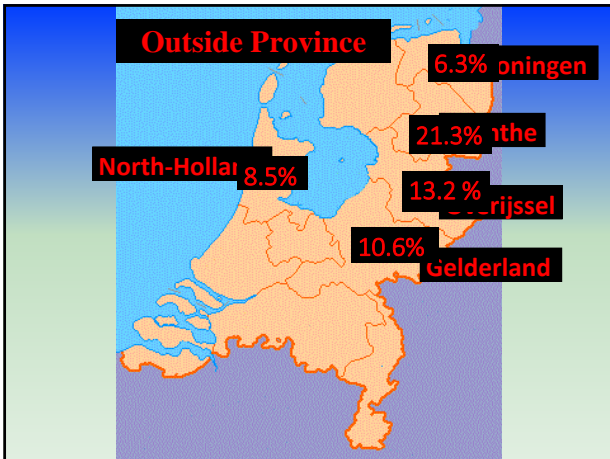
matching on combination of two persons  
(last name and first name)





### Matching results

Total Certificates	1,681,045
Minus <1830	155,691
Minus half 1830-1860	231,630
Matchable [groom line]	1,293,725
Linked	994,571
With overlinking	12,855

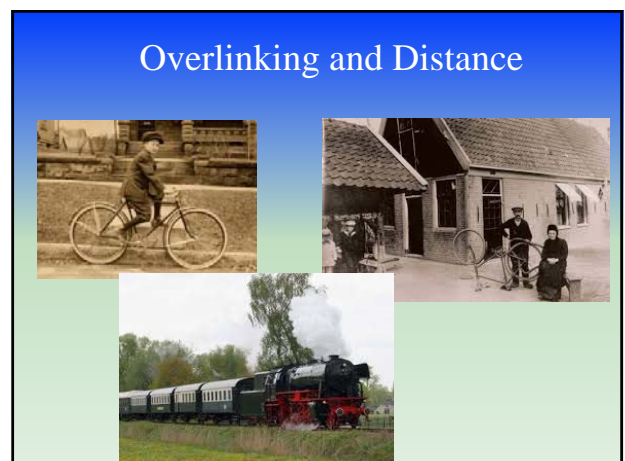


### Correlation Social Positions *Fathers*, according Region and Time, Five Dutch Provinces, 1830-1932.

	<i>r</i>	N
<b>Fathers G0 and Fathers G1</b>		
North-East, 1830-1889	0.572	65,765
North-East, 1890-1932	0.480	120,856
North-Holland, 1830-1889	0.446	25,697
North-Holland, 1890-1932	0.359	67,528

### Correlation Social Positions *Sons*, according Region and Time, Five Dutch Provinces, 1830-1932.

	<i>r</i>	N
<b>Sons G0 and Sons G1</b>		
North-East, 1830-1889	0.559	171,799
North-East, 1890-1932	0.487	307,182
North-Holland, 1830-1889	0.463	117,384
North-Holland, 1890-1932	0.398	220,857



Correlation Social Positions *Fathers* with Linking Decisions Based on Distance, Five Dutch Provinces, 1830-1932.

	r	N
Total without overlinking	0.486	314,043
Total with overlinking (minimal distance)	0.485	319,400
Total with overlinking (maximal distance)	0.483	319,128
Only overlinking (minimal distance)	0.430	5,357
Only overlinking (maximal distance)	0.295	5,085

Correlation Social Positions *Sons* with Linking Decisions Based on Distance, Five Dutch Provinces, 1830-1932.

	r	N
Total without overlinking	0.492	911,497
Total with overlinking (minimal distance)	0.491	926,651
Total with overlinking (maximal distance)	0.489	926,602
Only overlinking (minimal distance)	0.357	15,154
Only overlinking (maximal distance)	0.240	15,085

