



Arts & Humanities  
Research Council

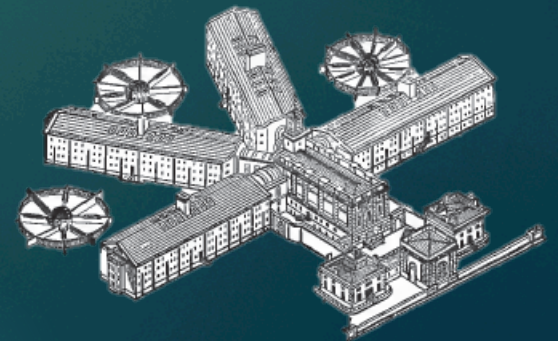
# Seeing things Differently: Visualising Data on Crime and Punishment

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University of Sheffield



BRITISH CRIME HISTORIANS SYMPOSIUM 4

26 SEPTEMBER 2014



# Introduction: Representing Data as Text

Table 3.5 Categories of offence as reported in London newspapers, by title, 1746–50

| Title        | Deception | Killing | Royal offences | Sexual offences | Theft | Violent theft | Total |
|--------------|-----------|---------|----------------|-----------------|-------|---------------|-------|
| GA (N)       | 37        | 58      | 36             | 15              | 687   | 555           | 1388  |
| % of reports | 2.7       | 4.2     | 2.6            | 1.1             | 49.5  | 40.0          | 100.0 |
| LEP (N)      | 24        | 154     | 47             | 18              | 472   | 775           | 1490  |
| % of reports | 1.6       | 10.3    | 3.2            | 1.2             | 31.7  | 52.0          | 100.0 |
| WEP (N)      | 45        | 144     | 113            | 34              | 986   | 1539          | 2861  |
| % of reports | 1.6       | 5.0     | 3.9            | 1.2             | 34.5  | 53.8          | 100.0 |
| OE (N)       | 17        | 59      | 13             | 13              | 111   | 402           | 615   |
| % of reports | 2.8       | 9.6     | 2.1            | 2.1             | 18.0  | 65.0          | 100.0 |
| Total (N)    | 123       | 415     | 209            | 80              | 2256  | 3271          | 6354  |
| % of reports | 1.9       | 6.5     | 3.3            | 1.3             | 35.5  | 51.5          | 100.0 |

Abbreviations: 'GA': General Advertiser; 'LEP': London Evening Post; 'WEP': Whitehall Evening Post; 'OE': Old England.

Source: Newspaper Sample.



# 1. Diagnosing the data

- Where are the gaps?
- What is the quality of the information like?
- Can we see patterns in the data?

*The Proceedings of the OLD BAILEY* London's Central Criminal Court, 1674 to 1913

Home Search About The Proceedings Historical Background API The Project Contact

**Celebrating a Decade of Making History Accessible: The Old Bailey Online, 2003-2013**

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**ON THIS DAY IN... 1741**  
Two coachmen allegedly attacked and robbed Arabella Strickland at 2 am. [read more](#)

**The Proceedings of the Old Bailey, 1674-1913**  
A fully searchable edition of the largest body of texts detailing the lives of non-elite people ever published, containing 197,745 criminal trials held at London's central criminal court. If you are new to this site, you may find the [Getting Started](#) and [Guide to Searching](#) videos and tutorials helpful.

**To search the Proceedings use the boxes on the right or go to the [Search Pages](#).**

**April 2013 Update: Celebrating our Tenth Anniversary**  
April 2013 marks the tenth anniversary of the launch of the Old Bailey Online, and the 100th anniversary of the last published edition of the **Old Bailey Proceedings**. The year's update includes a few minor corrections. For further information, see [What's New \(April 2013\)](#).

**The Proceedings can also be searched in:**  
[connectedhistories](#)

**SL State Library of Queensland**

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**Convict transportation registers database**

The British Convict transportation registers 1787-1867 database has been compiled from the British Home Office (HO) records which are available on microfilm at all Australian State Libraries. You can find details for over 123 000 of the estimated 160 000 convicts transported to Australia in the 18th and 19th centuries - names, term of years, transport ships and more. More detailed information is available [about this convict database](#).

Please note: The original records on which this database is based are not an exhaustive list of all convicts sent to Australia.

Do you want to know more?

**Founders & Survivors**  
Australian life courses in historical context 1803 - 1920

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**Search for a Convict**

User links  
Publications

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Who's online  
There are currently 0 users and 2 guests online.

Founders & Survivors is a partnership between historians, genealogists, demographers and population health researchers. It seeks to record and study the founding population of 73,000 men women and children who were transported to Tasmania. Many survived their convict experience and went on to help build a new society.

*This website is best viewed using Google Chrome or Mozilla Firefox as your browser. Some things do not display properly using Internet Explorer.*

A notice to Friends of Founders & Survivors from Janet McCalman:

We regret that owing to worsening technical and security problems we have had to close part of the FAS website to public use. You can still search for a convict and read the transcriptions of his/her records, but, at present, ONLY REGISTERED VOLUNTEERS can access the Community Contributed material. You can still access the FAS newsletter 'Chainletter' via the website. WE ARE NO LONGER ACCEPTING REGISTRATIONS. When the project is transferred to an official, long-term site, all users will again be able to access Community Contributed material. By this time the data will have been cleansed, sorted and verified by the volunteers. We thank you for your support and are much relieved that Founders & Survivors as a community history resource has been promised a secure future by the Tasmanian Government.

**Recent News**

Founders and Survivors Newsletter, No.15, December 2013  
Submitted by Issuelay on 17 December, 2013 - 10:26

Founders and Survivors Newsletter, No.14, September 2013  
Submitted by Issuelay on 29 August, 2013 - 12:05

**London Lives 1690 to 1800 ~ Crime, Poverty and Social Policy in the Metropolis**

Home Search Browse Lives Historical Background Wiki The Project

**Sources for London Lives**  
A fully searchable edition of **240,000 manuscripts** from **eight archives** and **fifteen datasets**, giving access to **3.35 million names**.

**To search London Lives use the boxes on the right or go to the [Search Pages](#).**

**April 2012 Update**  
Changes implemented during the April 2012 update of this website (version 1.1) include making **keyword searching** the default form of search. For further information, see [What's New \(April 2012\)](#).

**Register to Use London Lives**  
Although anyone can search **London Lives**, **registration** allows you to use a **personal workspace** to link documents together and create biographies of eighteenth-century Londoners. It also gives you access to advanced search facilities and the **Wiki**. Registering is free. For example biographies, see the **Featured Life** on this page and the **Lives** pages.

**London Life in the Eighteenth Century**  
What was it like to live in the first million person city in modern Western Europe? Crime, poverty, and illness; apprenticeship, work, politics and money; how people voted, lived and died; all this and more can be found in these documents. For more information see the **Historical Background** pages.

**About this Project**  
Funded by the ESRC, and implemented by the **Humanities Research Institute** at the University of Sheffield and the **Higher Education Digitisation Service** at the University of Hertfordshire, the **London Lives** project is directed by Tim Hitchcock and Robert Shoemaker. The project manager is Sharon Howard. See [about this project](#).

**Featured Life**  
**Catherine Jones, fl. 1720-1783**  
*Parish Forced to Provide Generous Relief to a Pauper Residing in Wales*

**connectedhistories**  
Integrated search of major electronic sources in British history, 1500-1800  
**LOCATING LONDON'S PAST**  
Map digital resources about London 1690-1819 onto a 1746 map

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Holidayinn.com  
Get exclusive rates with Holiday Rewards Club

**ancestry.co.uk**

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Search our records, start your family tree and we'll help you uncover your ancestors' stories.

**Your name\***  
First Last

**Age\***  
Gender  
☐ Male  
☐ Female

**Start searching:**  
☒ Father's family  
☐ Mother's family  
☐ Someone else

**Get started**

We value your privacy. Read our [privacy philosophy](#) and [cookies Q&A](#).



# Defendant Ages in the Old Bailey Proceedings

## “Statistics search” using the Old Bailey Online

The Proceedings of the OLD BAILEY  London's Central Criminal Court, 1674 to 1913

Home **Search** | About The Proceedings | Historical Background | API | The Project | Contact

*In this Section...*

Search Home

Personal Details

Ordinary's Accounts, 1676-1772

Proceedings by date

Ordinary's Accounts by date

**Statistics**

Custom Search

Associated Records, 1674-1834

Place and Map Search, 1674-1834

Research and Study Guides

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After The Event Insurance  
[www.benchmarkinsurance.co.uk](http://www.benchmarkinsurance.co.uk)  
Benchmark - better for your client ...better for you! For P1 insurance

UK Parish Records Online  
[www.parishregister.co.uk](http://www.parishregister.co.uk)  
Read about parish registers and whats online and on CD

**Statistics**

This search facility allows you to generate tables or pie charts based on the tagged information contained in the **Proceedings**. You may limit the body of trials counted by specifying a keyword and/or particular types of tagged information. Please note that these statistics are based on modern categorisations of the details contained in each trial account and should be used with great care. To check the accuracy of the statistics generated, click on the numbers in the tables to view the original texts of the trials included. Please refer to the other pages listed to your left for more search options. If you are not familiar with this search page, you may find the [Doing Statistics](#) tutorial helpful.



Row: Total

Column: Total

Count By: <Default>

Display: table

Offence: <All Offences>

Verdict: <All Verdicts>

Punishment: <All Punishments>

Defendant Gender: Any

Defendant Age Range: From Any To Any

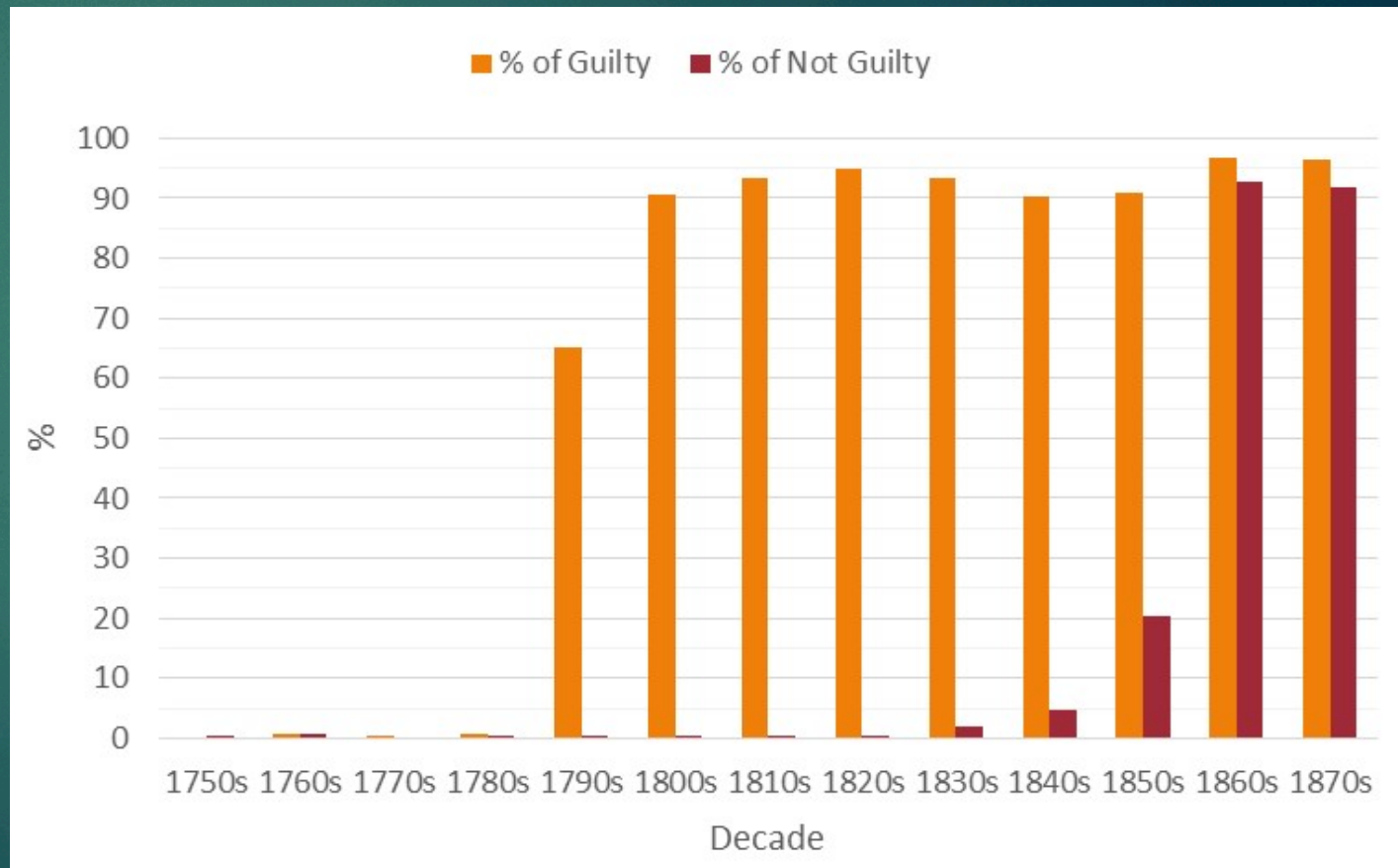
Victim Gender: Any

Victim Age Range: From Any To Any

Keyword(s):

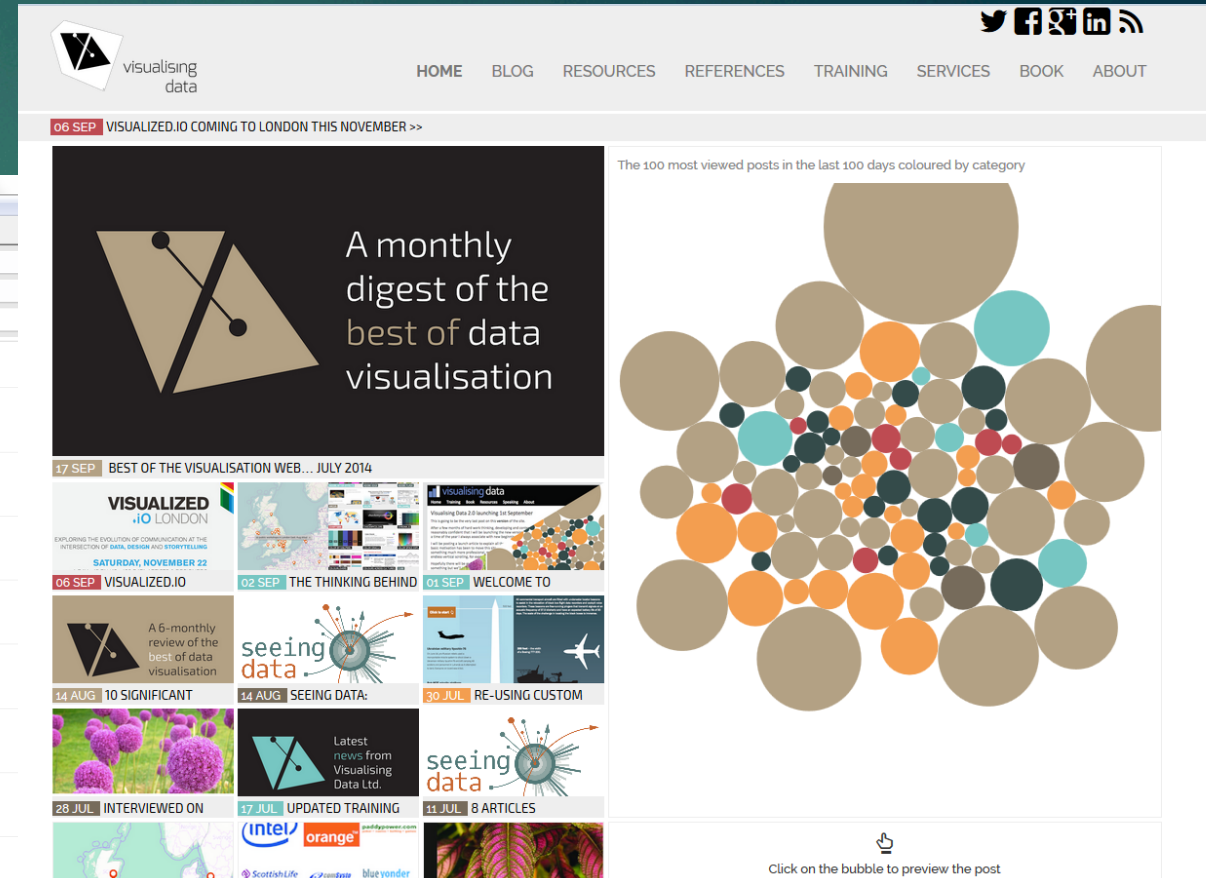
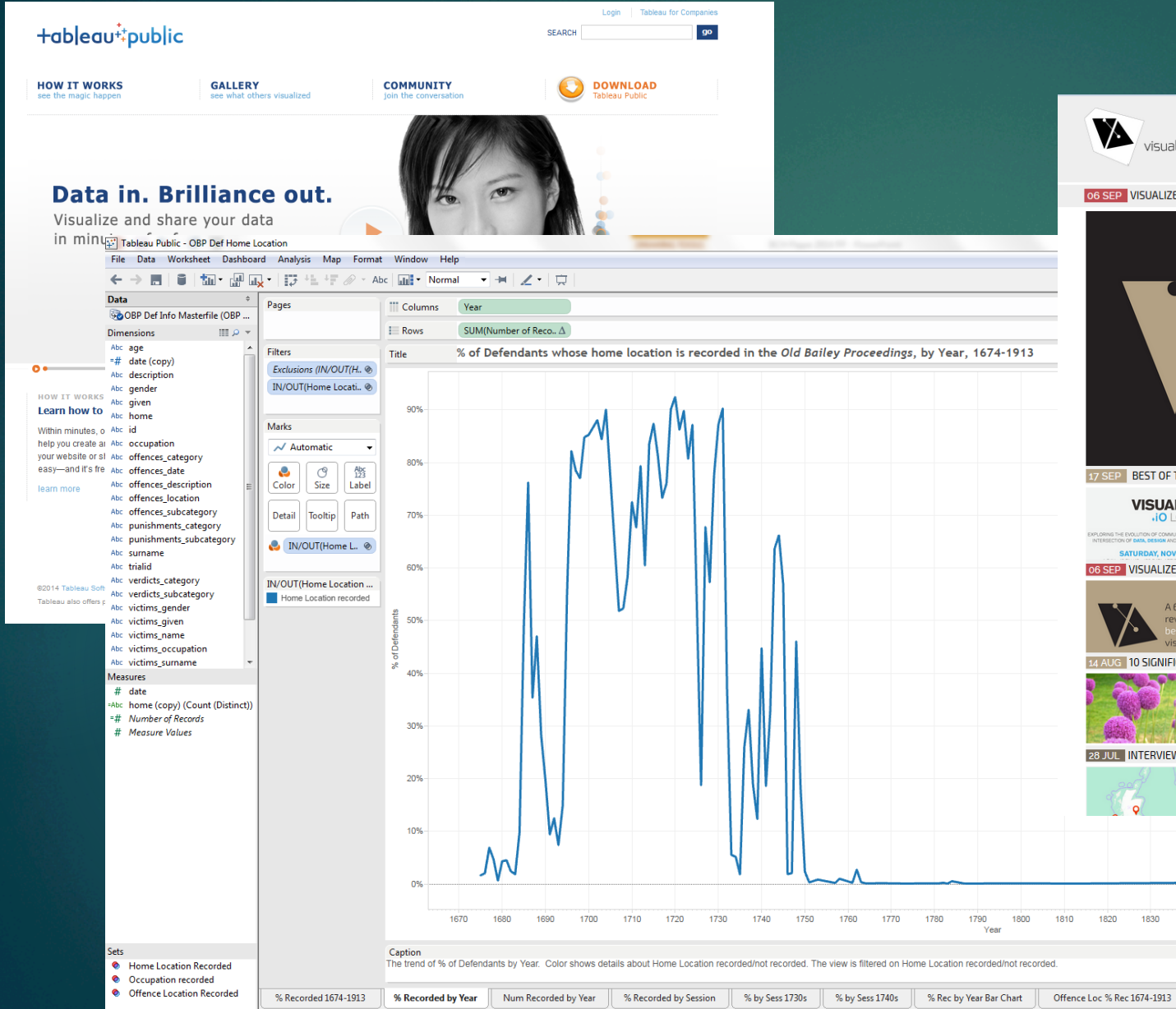
From (month/year) To (month/year)

% of Defendants whose Ages are Recorded in the *Proceedings*, by Verdict and Decade, 1750-1879



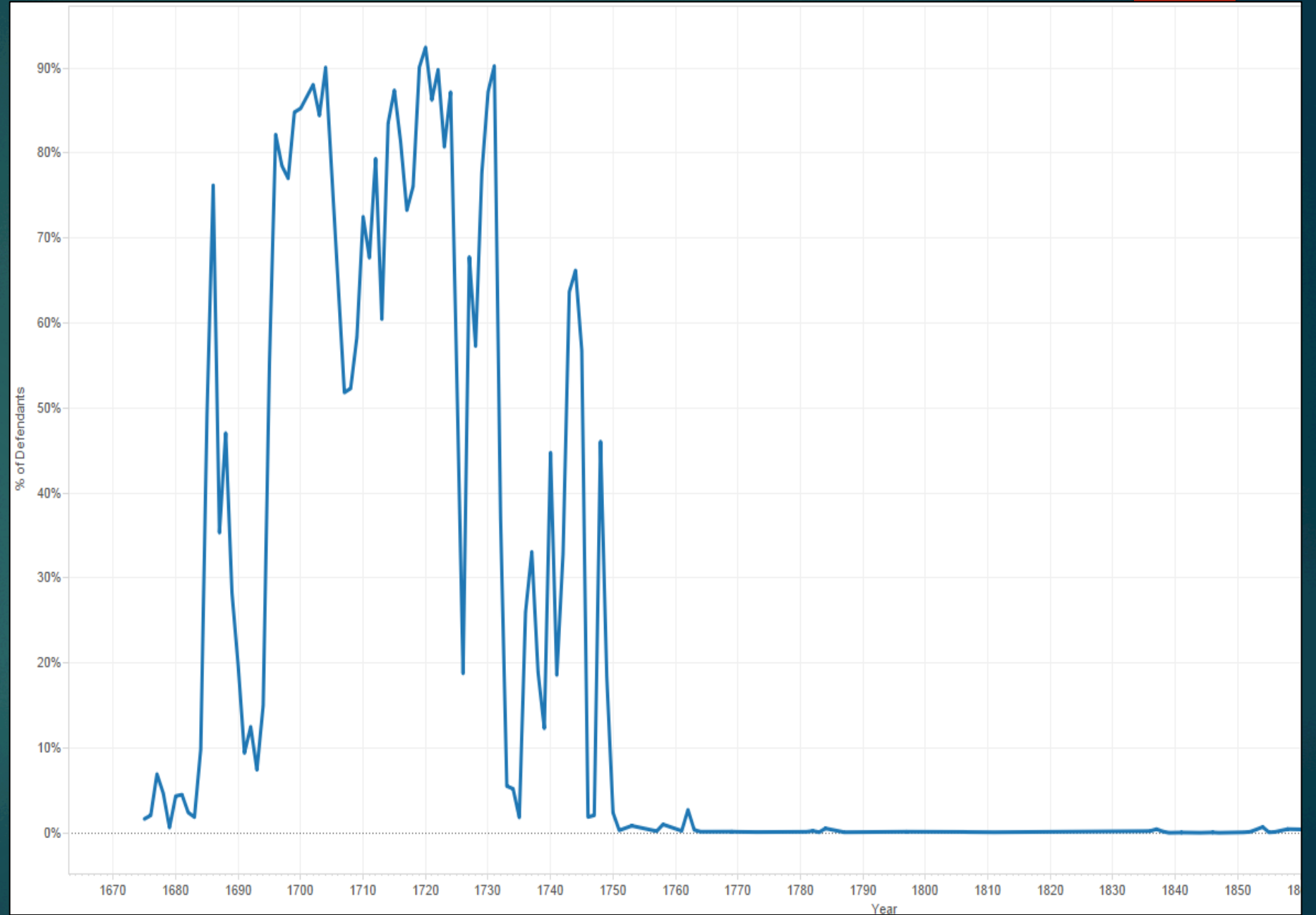


# Data visualisation software: Tableau Public

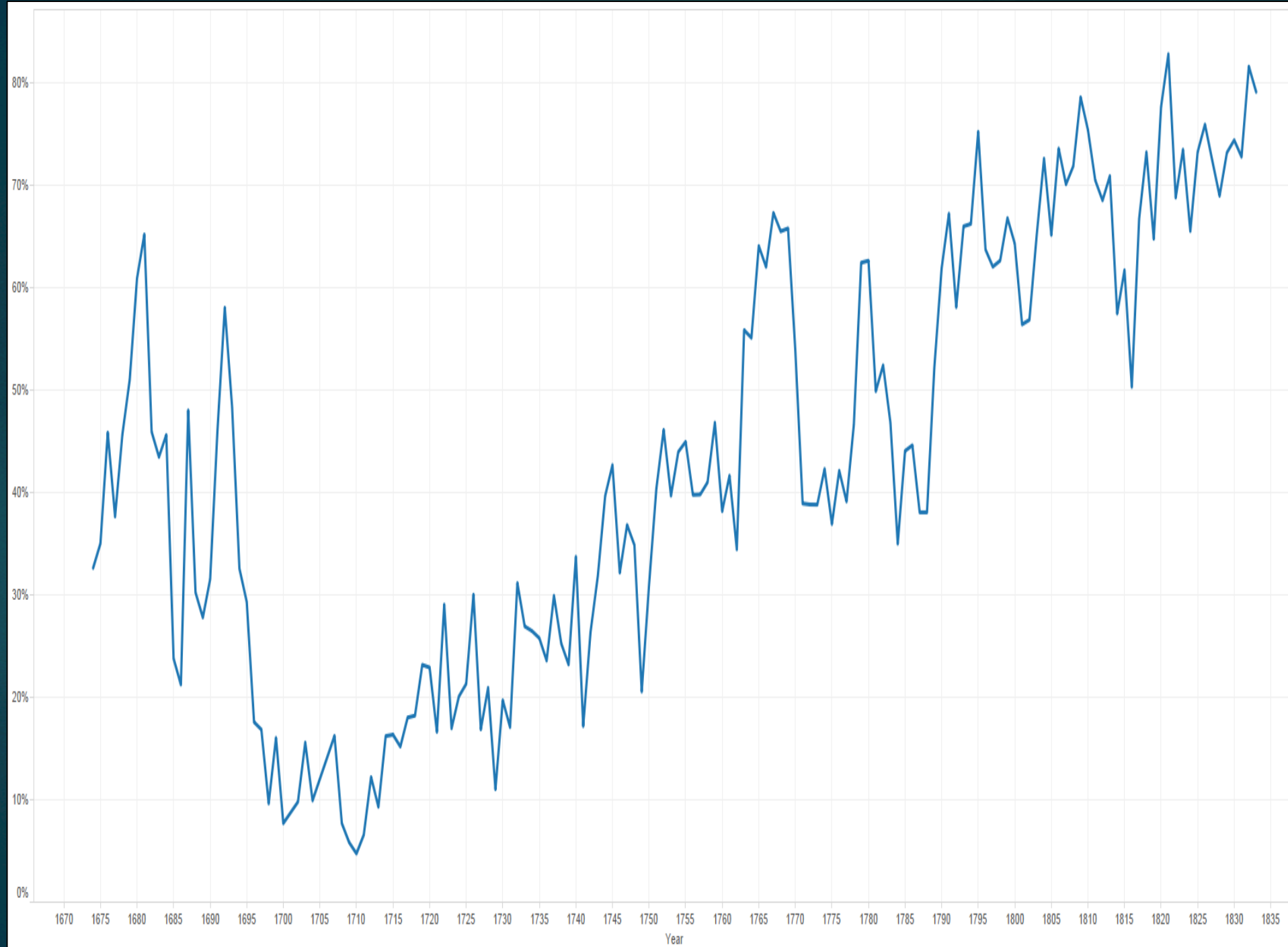


# Places of residence and crime location in the *Proceedings*

% of defendants  
whose place of  
residence is recorded  
in the *Proceedings*







% of trials for which  
the crime location is  
recorded in the  
*Proceedings*

Ages of Female Offenders on Conviction, as Recorded in PCOM 4 Prison Registers, 1853-1887





# Comparing offender age profiles

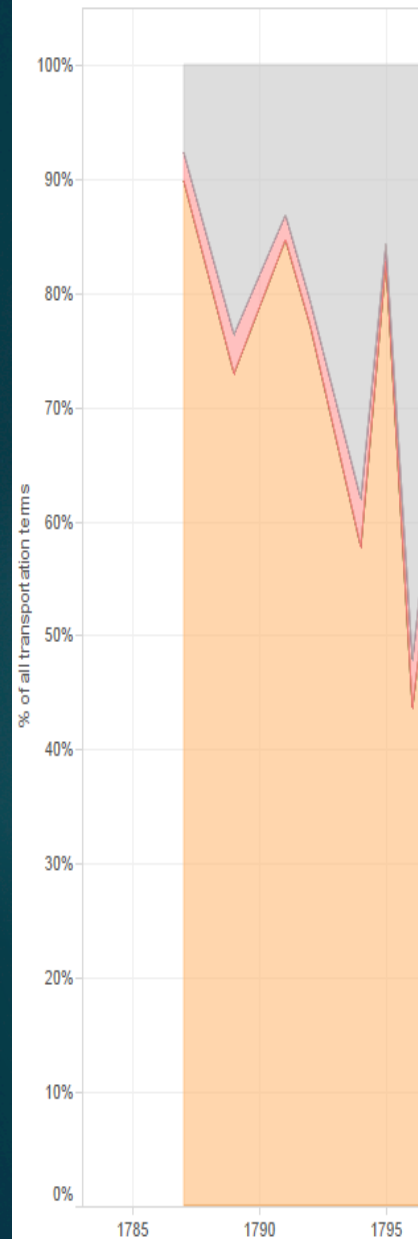
Age Distribution by Gender and Record Type



OBP OBP FAS FAS PCOM 4

# Putting Punishment under the Microscope

Length of Transportation Sentences, by Year



Length of Transportation Sentences, by Colony (as a % of all sentences in each colony)

