

Nobel Prize Data Analysis

Advanced Visualization in R - Project presentation

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Data

Dataset description

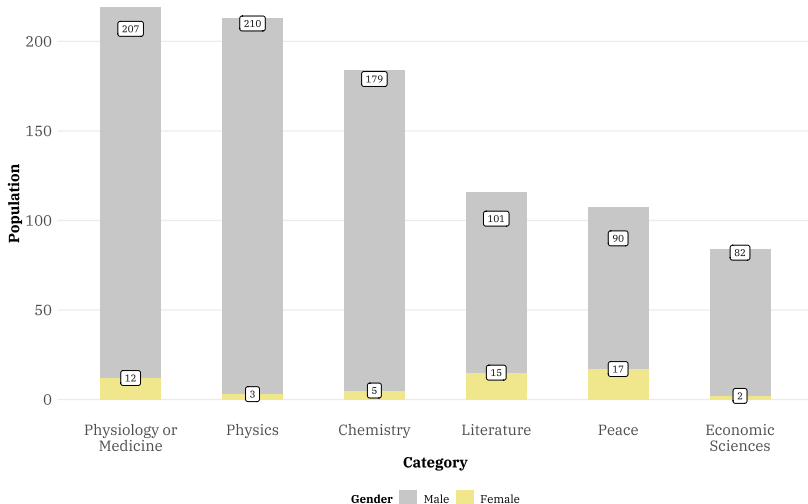
The dataset comes from [Kaggle](#) and contains information on each person or organisation that has received a Nobel Prize between 1901 and 2019.

In the following work, we will graphically depict, among other things, what age characterises the Nobel Prize award winners by field, which country the Nobel laureates came from, and which research topics dominated each category.

Visualization

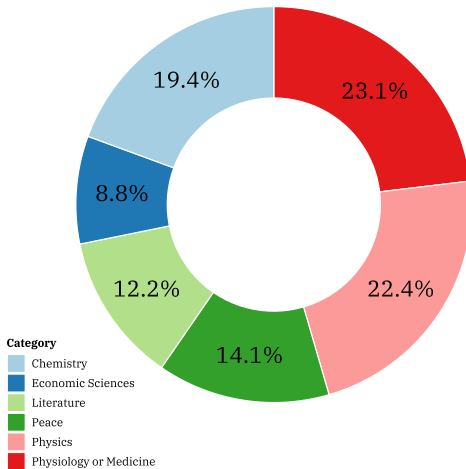
Characteristics of Nobel Prize winners

Gender and age in the sample



Characteristics of Nobel Prize winners

Award category distribution



Distribution of Nobel prizes by years and age

Nobel prizes based on categories



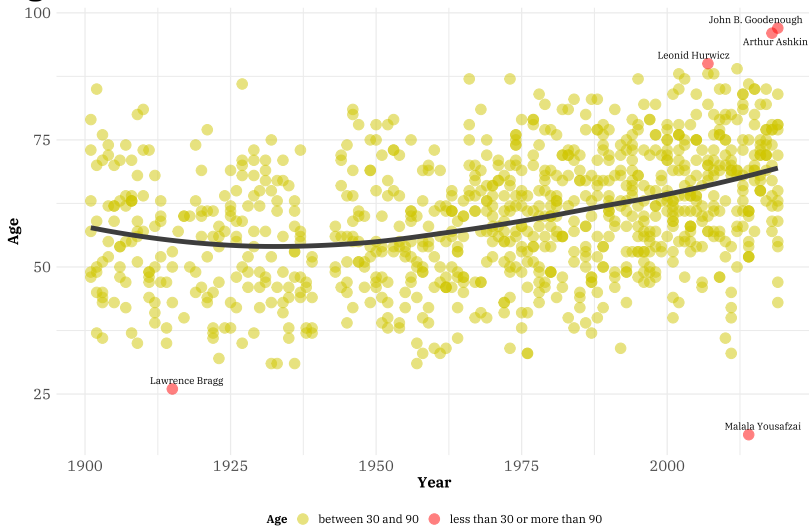
Distribution of Nobel prizes by years and age

Dispersion of Nobel Prizes

Category	Age				
	17-37	38-57	58-77	78-97	Unknown - organization
Economic Sciences		11	65	7	1
Literature		31	73	12	
Peace	6	27	62	10	29
Physiology or Medicine	4	106	97	12	
Chemistry	3	85	80	15	1
Physics	19	99	74	20	1

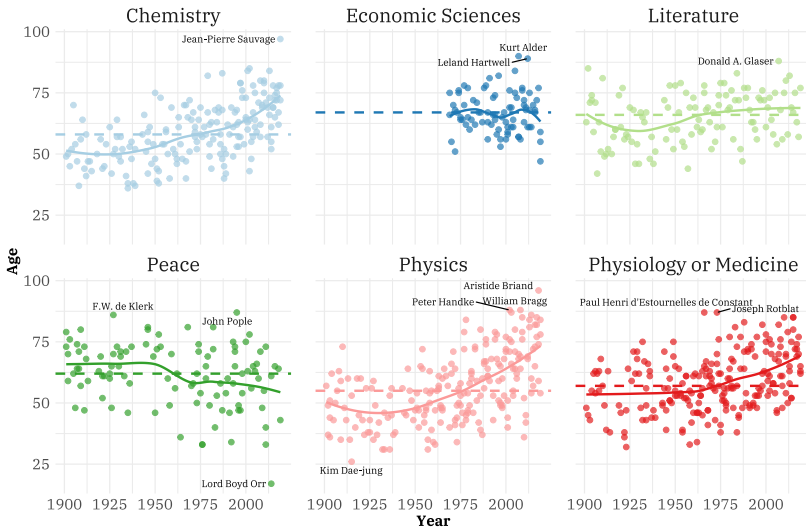
Distribution of Nobel prizes by years and age

Age of Nobel laureates



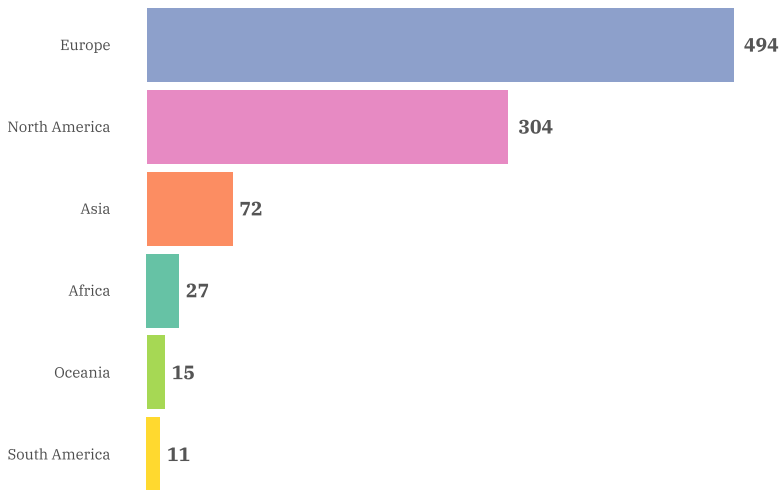
Distribution of Nobel prizes by years and age

Age of Nobel Laureates over the years



Place of birth

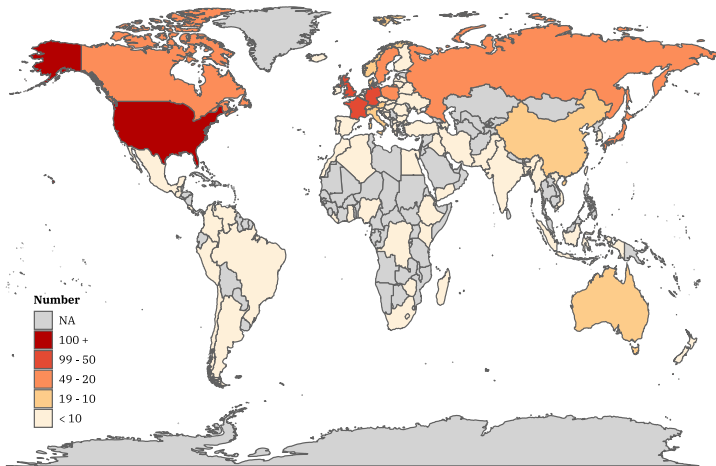
Birth Continent



Number of Nobel laureates

Place of birth

Number of laureates born in a given country



Topics of the awarded research papers

Most 5 frequent words in each category

