

# Tutorial SMURF

SMURF is easy to use.

Simply put the word or sentence of interest into the search bar and hit search.

SMURF

Search

## Smurf - visualising language

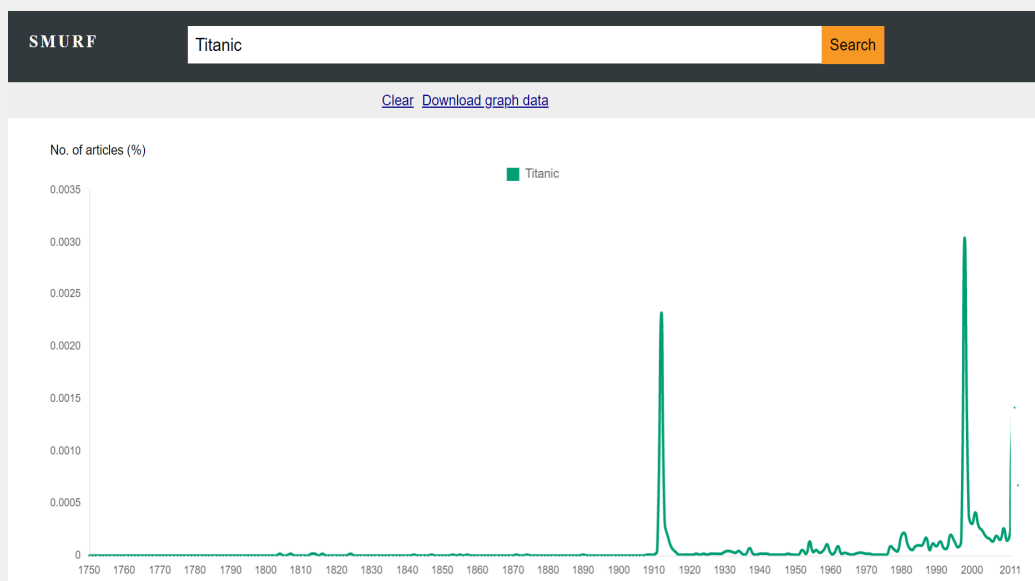
Smurf visualises how use of language in Danish newspapers has evolved since the 18th century.

With Smurf you can:

- Search for [words](#) or [phrases](#) and see beautiful graphs
- Do [multiple searches](#) and compare graphs
- Click any graph point and go to the source newspaper
- Download graph data and use it your own work

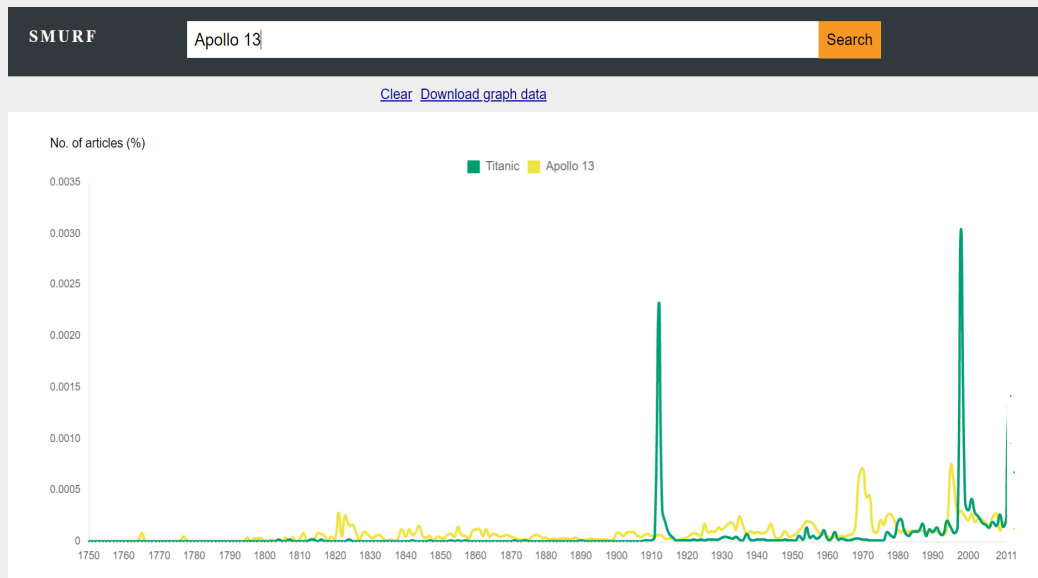
Smurf is based on newspaper data from [Mediestream](#), the Royal Danish Library's digital media collections service.

Soon after a graph will appear. The x-axis indicates the year and the y-axis indicates the percentile of newspaper articles that feature the word or sentence of interest in the given year.



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If you wish to compare the popularity of multiple words or sentences, you can simply search again while the previous search is open.



SMURF leaves you with the option of downloading the data as a CSV-file. Upon download, you can import the file to a table tool e.g. Microsoft Excel. If you wish to use Excel, here is a quick guide on how to separate the data.

Step 1: Mark 'Column A'

Step 2: Go to 'Data' and choose 'Text to Columns'

Step 3: Follow the guide, but remember to check 'Comma' in step 2 of the guide.

