

UrbanForest

A brief user manual

<https://akm-islam.github.io/opendatavis/>

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The default view provides an option to search based on topics or keywords

Topics/Keywords

Search

☐ Health ☐ Education ☐ Crime ☐ Housing ☐ Energy

Search Datasets

User action: make selections with checkboxes and click on “search datasets”
(It usually takes around 30-40 sec to do the preprocessing and loading)

☒ Health☒ Education☒ Crime☐ Housing☐ Energy

Search Datasets

Crime

crime

nypd

law enforcement

provider type

provider name

public safety

sponsorname

servicename

arrest

incident

nycopendata

criminal summons

summons

violation

shooting

report

safety

school

non-criminal incidents

major crimes

Education

2017

lifelong learning

doe

reference code jseqjq

physical education

2016

neighborhood

neighborhood development area

nda

school survey

licensed pe teachers

school level

pe instruction

pe space

dual language

transitional

Health

healthy living

health

hospital

wtc

world trade center

jobs and economic mobility

surveys

new york city adults

family affordable healthcare

income

healthcare provider

patient

medicaid

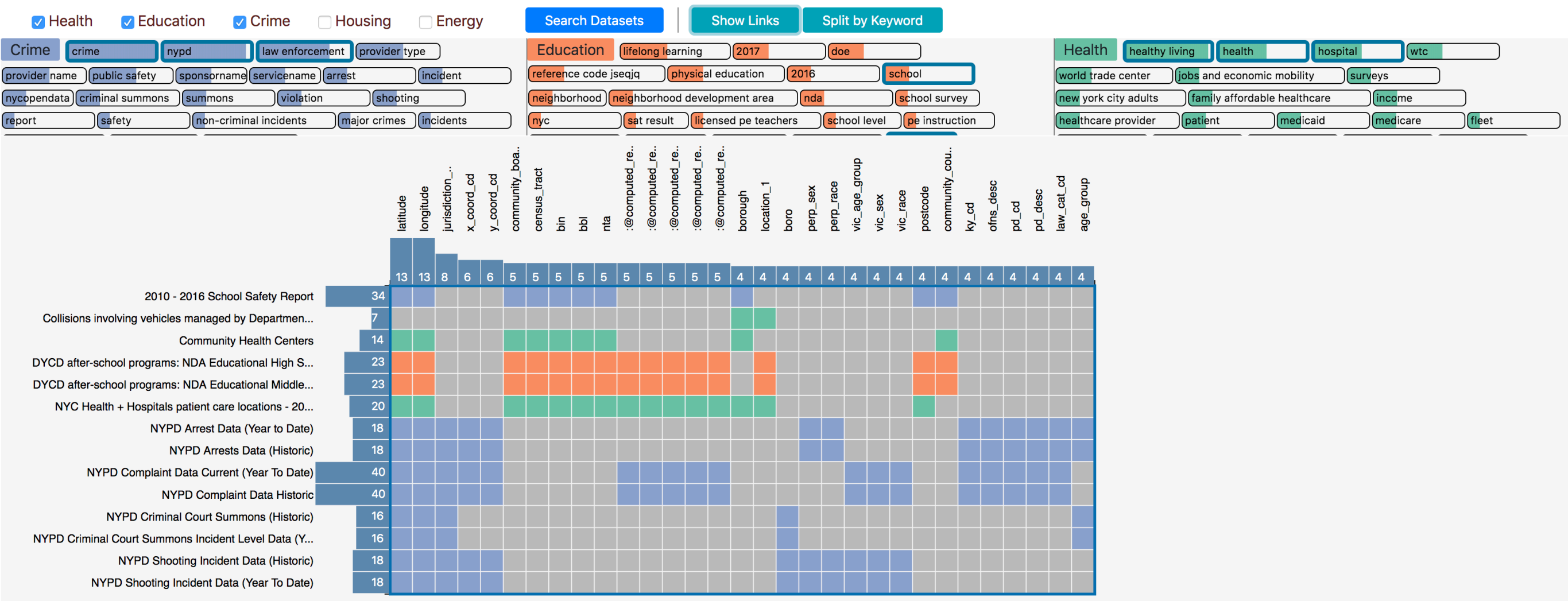
medicare

fleet

Result: Tag frequency view showing the relative frequencies of the user-supplied tags or descriptors for each dataset

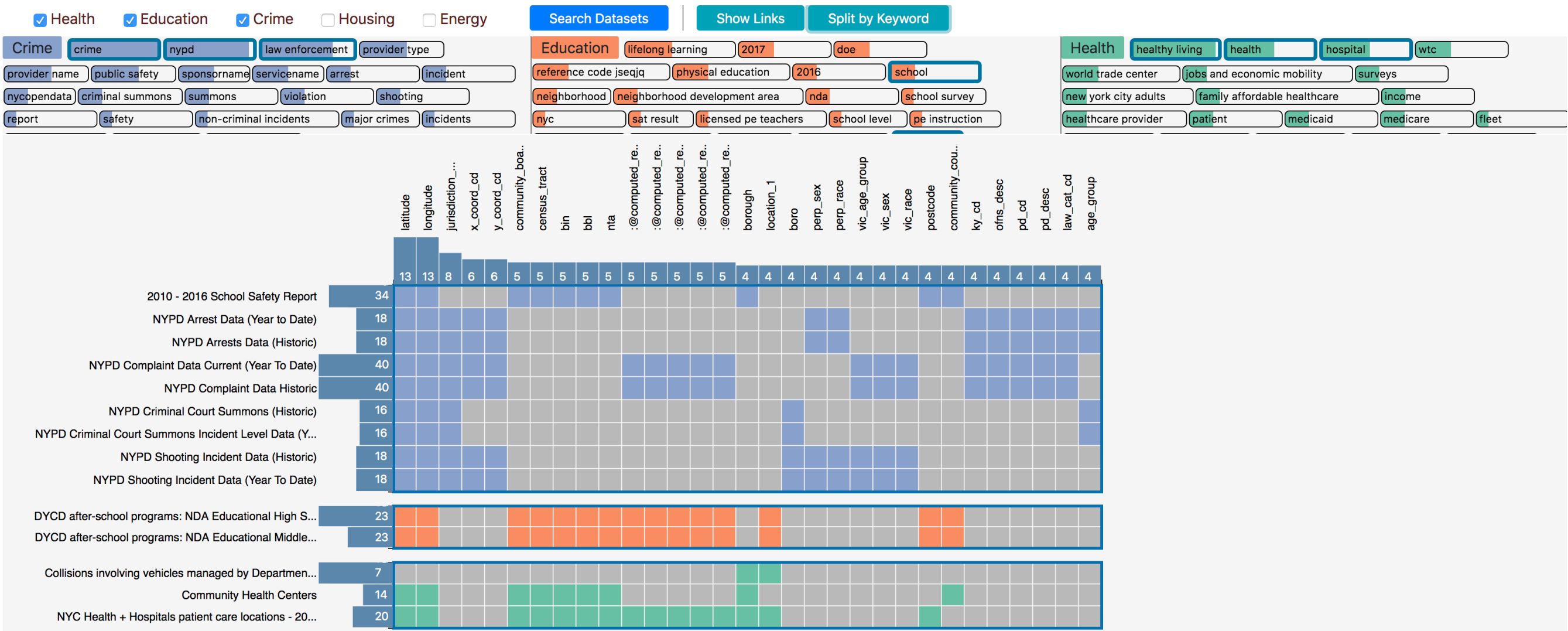
User action: select tags

User action: click on show links



Result: co-occurrence matrix view with a dataset in a row and the presence or absence of attribute (in a column) indicated by cell color, where grey indicates absence and the corresponding color of a topic indicates presence

User action: split by keyword



Health

healthy living

health

hospital

wtc

world trade center

jobs and economic mobility

surveys

new york city adults

family affordable healthcare

income

healthcare provider

patient

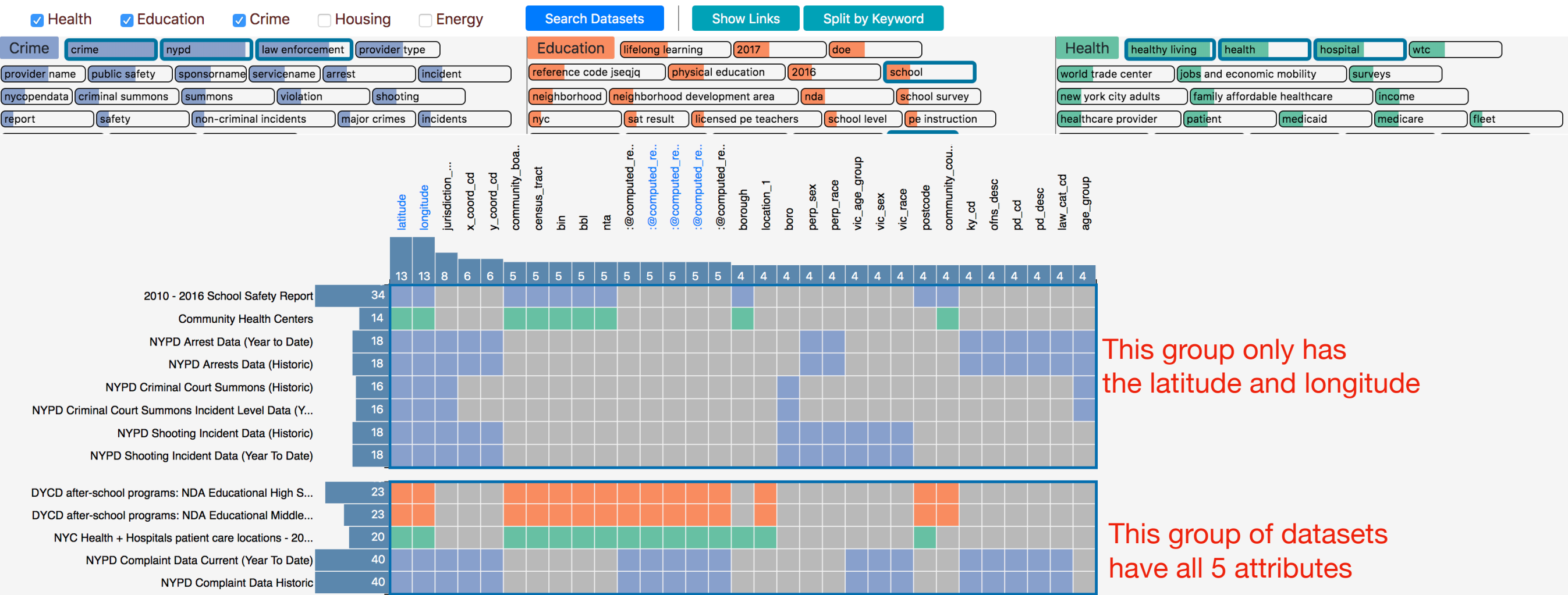
medicaid

medicare

fleet

Result: datasets grouped by keyword/topic

User action: group creation based on selection of attributes



Health

healthy living

health

hospital

wtc

world trade center

jobs and economic mobility

surveys

new york city adults

family affordable healthcare

income

healthcare provider

patient

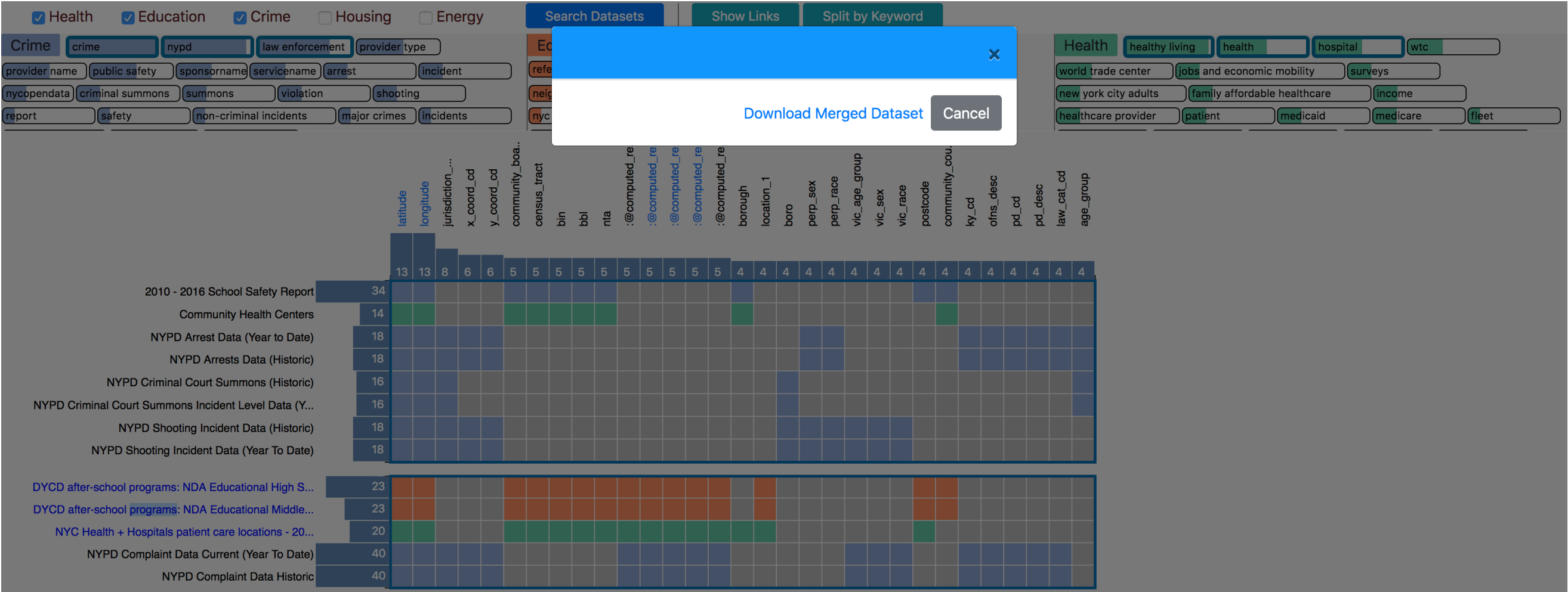
medicaid

medicare

fleet

Result: groups with different combinations of attributes present or absent

User Action: Select datasets and right click to get the download option



Result: merged dataset gets downloaded