

Information Visualization of the Correlates of War datasets

by Team Peace



Hyun Jun Choi choi797@usc.edu

Shiv Velagala velagala@usc.edu

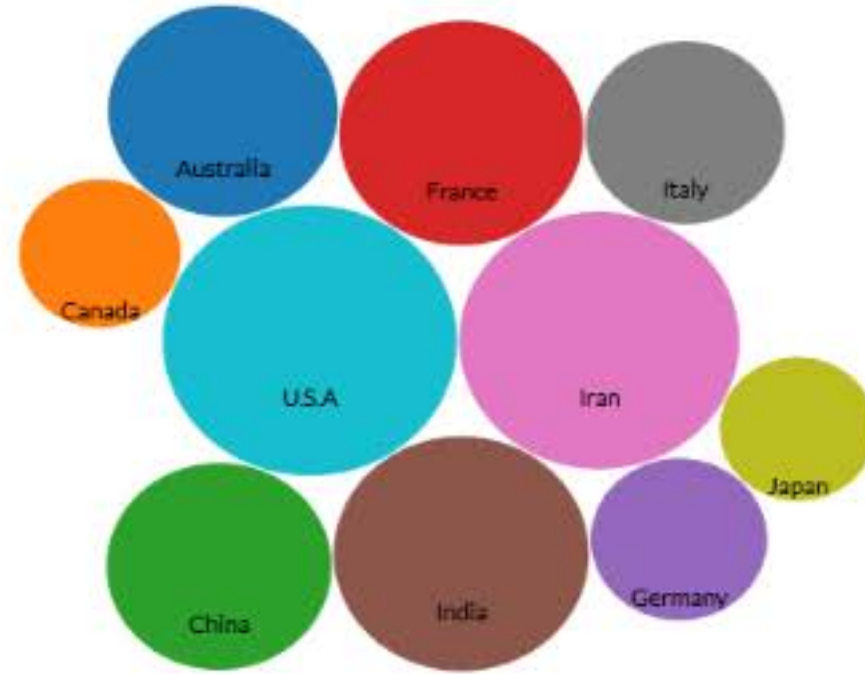
Seun Deleawe deleawe@usc.edu







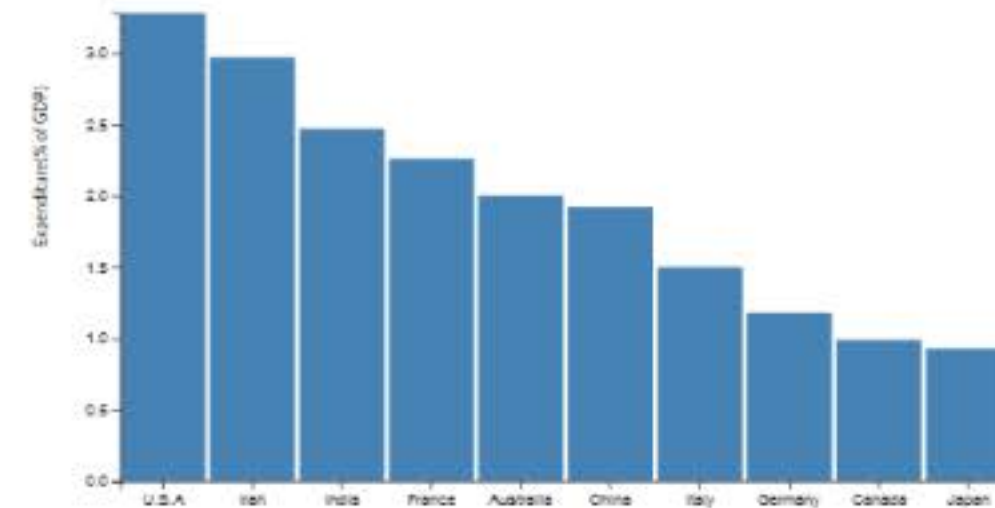
The Military Expenditure(% of GDP) for 10 countries In 2016



The 10 countries For Military Expenditure In 2016-Descending Order

Filter **10 countries** Top 5 countries Bottom 5 countries Reset

Sort by alphabetical order ascending order **descending order**



The share of world military expenditure (%)

In 2017

Choropleth Map

Proportional Map

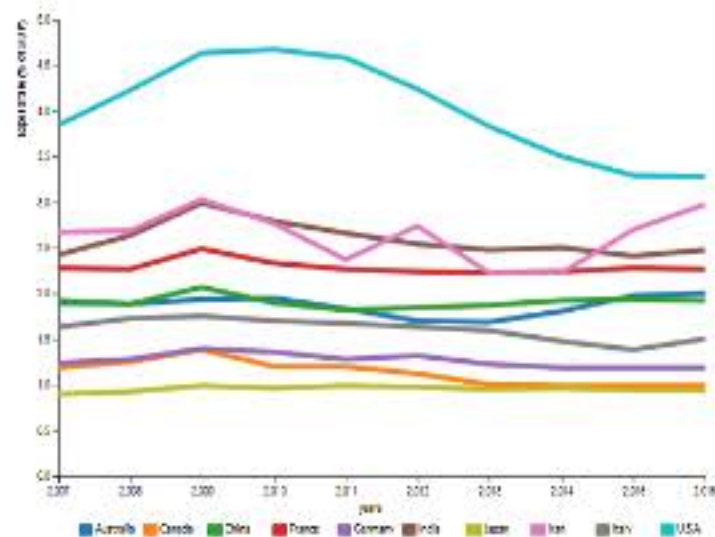


The share of world military expenditure (%)

In 2017

Choropleth Map

Proportional Map

The 10 Countries in Military Expenditure(% of GDP)
from 2007 to 2016

Description

USA had increase the percentage of GDP in military expenditure from 2007 to 2010. After 2010, the value had started to decrease. The line has fluctuated from 2007 to 2013 in Iran. However after 2013, the value has increased. In the case of Japan, the value has not fluctuated from 2007 to 2016. China shows similar pattern to Japan.

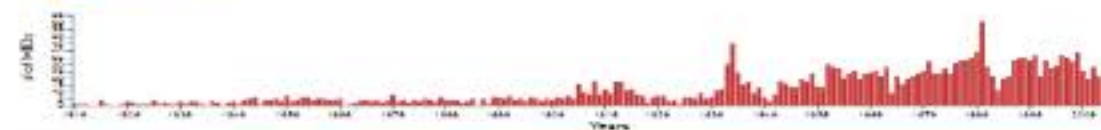
Countries at Wars from 1823 to 2003



The Militarized Interstate Disputes

In 1940

MIDs Wars Trade



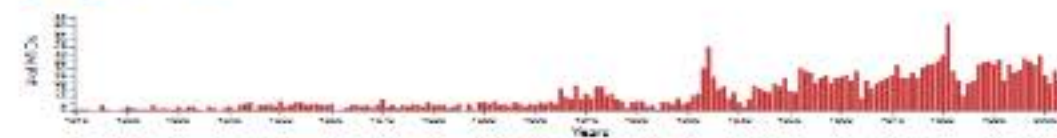
Reset Map



The Militarized Interstate Disputes

In 2005

MIDs Wars Trade



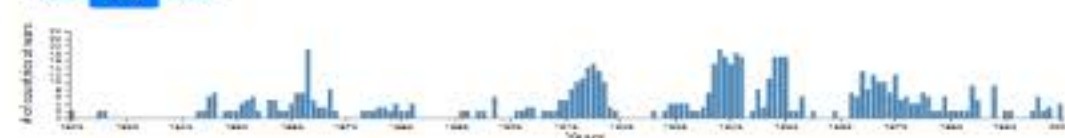
Reset Map



The countries at wars

In 1942

MIDs Wars Trade



Reset Map



War Information

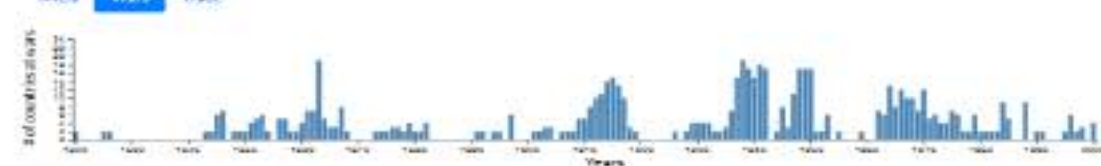
The number of Wars: 2
The number of Countries at War: 19
Major war: World War II of 1942



The countries at wars

In 2003

MIDs Wars Trade



Reset Map



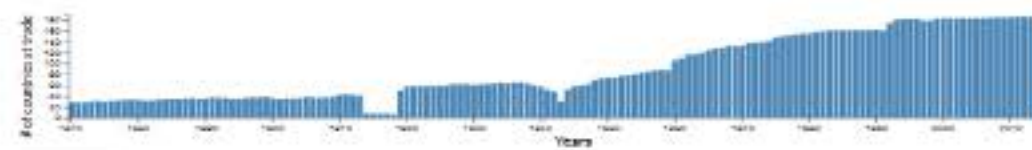
War Information

The number of Wars: 1
The number of Countries at War: 4
Major war: Invasion of Iraq of 2003



International Trade

In 1870

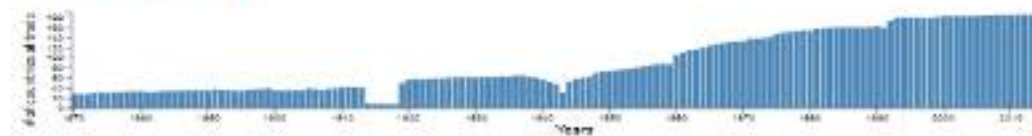
[History](#)
[View](#)
[Trade](#)
[Reset Map](#)

Trade Information

Number of Countries: 28
 The number of relations: 70
 The amount of total trade: 1494

International Trade

In 2000

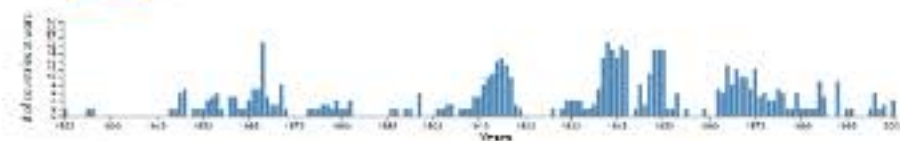
[History](#)
[View](#)
[Trade](#)
[Reset Map](#)

Trade Information

Number of Countries: 183
 The number of relations: 14386
 The amount of total trade: 2920660

The countries at wars In 1942

[HSDs](#)
[Wars](#)
[Trade](#)



[Reset Map](#)

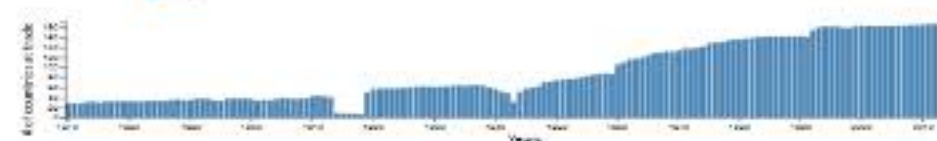


War Information

The number of Wars: 2
 The number of Countries at Wars: 19
 Major war: World War II of 1942

International Trade In 1870

[HSDs](#)
[Wars](#)
[Trade](#)



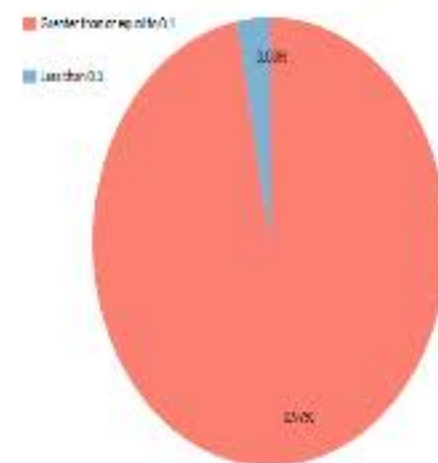
[Reset Map](#)



Trade Information

Number of Countries: 28
 The number of relations: 70
 The amount of total trade: 1424

Trade ratio for each dyad relationship and War



Generic Information

Data

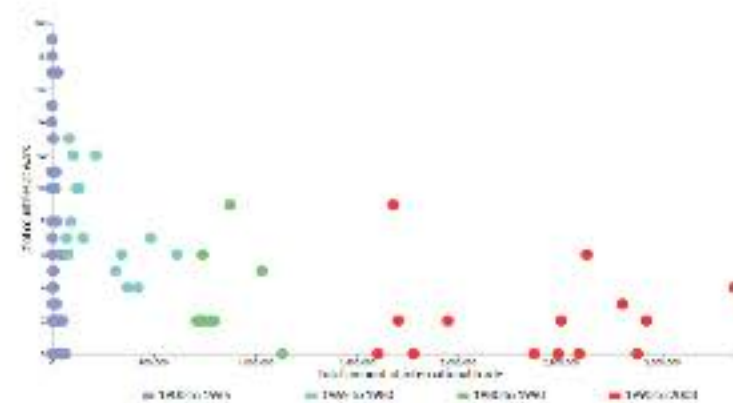
This data is about war between two countries from 1820 to 2020. The data set is provided by [this file](#) Correlates of War project.

Visualize interaction with this plot chart

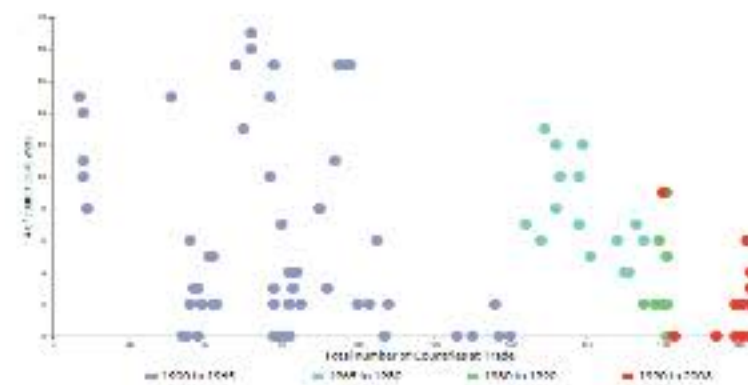
By moving the slider, you can change the percentage. If "Less than 0.1" represents that War occurred between two countries whose maximum ratio of trade dependency is less than 0.1.



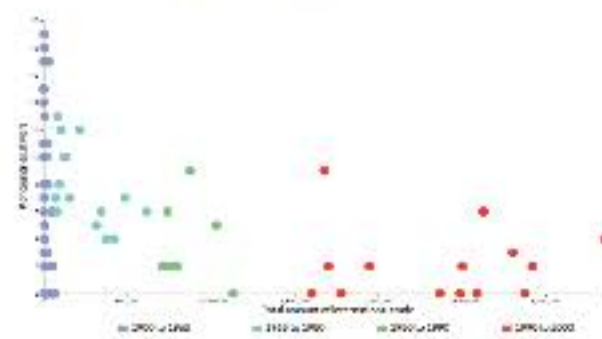
Countries at Wars and International Trade



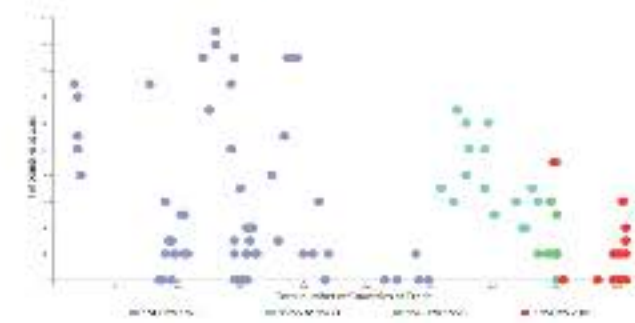
Countries at Wars and International Trade



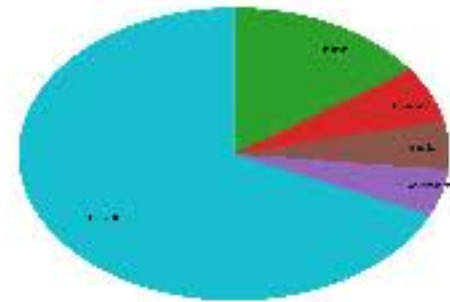
Countries at War and International Trade



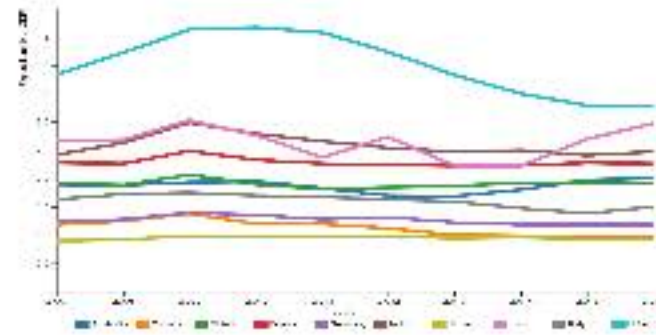
Countries at War and International Trade



Military Expenditure of the 5 Countries in 2016



The 10 Countries in Military Expenditure (% of GDP) from 2007 to 2016



The countries at wars

1942

1943

1944

1945

1946

1947

1948

1949

1950

1951

1952

1953

1954

1955

1956

1957

1958

1959

1960

1961

1962

1963

1964

1965

1966

1967

1968

1969

1970

1971

1972

1973

1974

1975

1976

1977

1978

1979

1980

1981

1982

1983

1984

1985

1986

1987

1988

1989

1990

1991

1992

1993

1994

1995

1996

1997

1998

1999

2000

2001

2002

2003

2004

2005

2006

2007

2008

2009

2010

2011

2012

2013

2014

2015

2016

2017

2018

2019

2020

2021

2022

2023

2024

2025

2026

2027

2028

2029

2030

2031

2032

2033

2034

2035

2036

2037

2038

2039

2040

2041

2042

2043

2044

2045

2046

2047

2048

2049

2050

2051

2052

2053

2054

2055

2056

2057

2058

2059

2060

2061

2062

2063

2064

2065

2066

2067

2068

2069

2070

2071

2072

2073

2074

2075

2076

2077

2078

2079

2080

2081

2082

2083

2084

2085

2086

2087

2088

2089

2090

2091

2092

2093

2094

2095

2096

2097

2098

2099

2100

2101

2102

2103

2104

2105

2106

2107

2108

2109

2110

2111

2112

2113

2114

2115

2116

2117

2118

2119

2120

2121

2122

2123

2124

2125

2126

2127

2128

2129

2130

2131

2132

2133

2134

2135

2136

2137

2138

2139

2140

2141

2142

2143

2144

2145

2146

2147

2148

2149

2150

2151

2152

2153

2154

2155

2156

2157

2158

2159

2160

2161

2162

2163

2164

2165

2166

2167

2168

2169

2170

2171

2172

2173

2174

2175

2176

2177

2178

2179

2180

2181

2182

2183

2184

2185

2186

2187

2188

2189

2190

2191

2192

2193

2194

2195

2196

2197

2198

2199

2200

2201

2202

2203

2204

2205

2206

2207

2208

2209

2210

2211

2212

2213

2214

2215

2216

2217

2218

2219

2220

2221

2222

2223

2224

2225

2226

2227

2228

2229

2230

2231

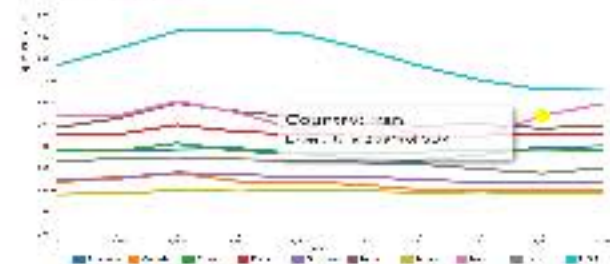
2232

2233

2234

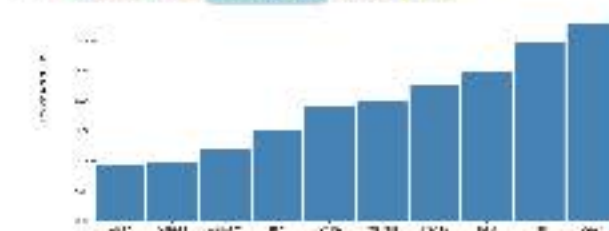


The 10 Countries in Military Expenditure (% of GDP) from 2002 to 2026



The 10 countries for Military Expenditure in 2012 (ascending order)

Year: 2002 2012 2026
 To view: All countries, Europe, Asia, Africa, North America, South America, Oceania



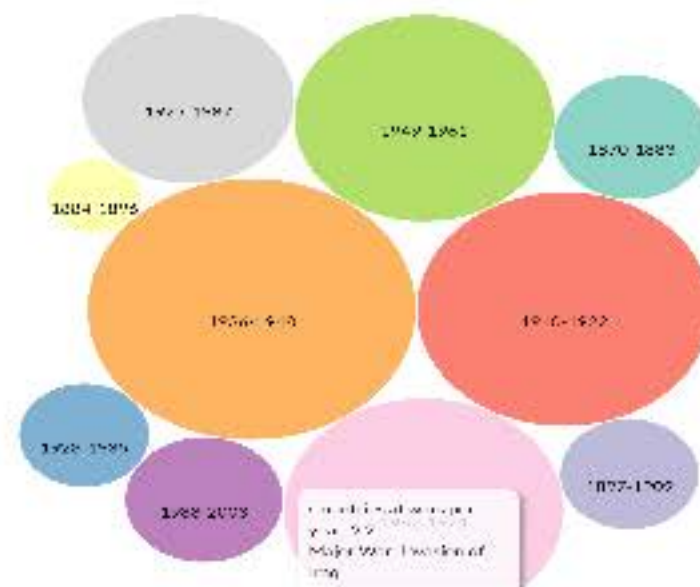
Global total of world military expenditure in 2012

Year: 2002 2012 2026

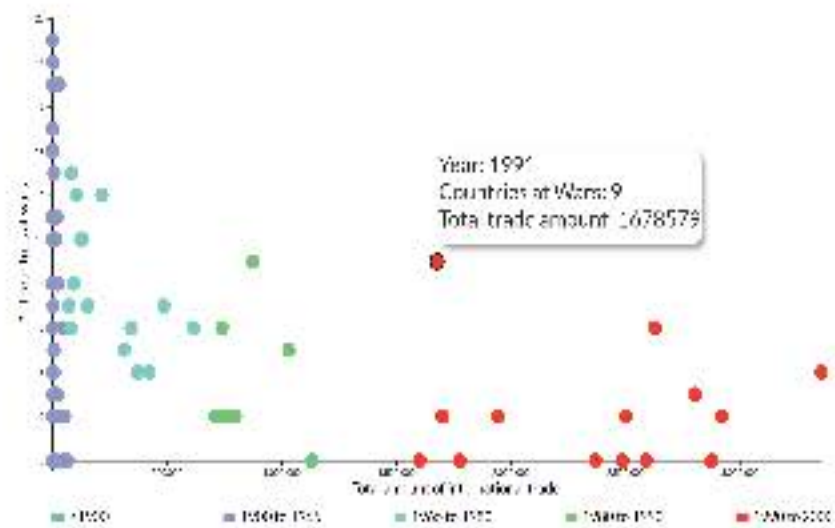
To view: All countries, Europe, Asia, Africa, North America, South America, Oceania

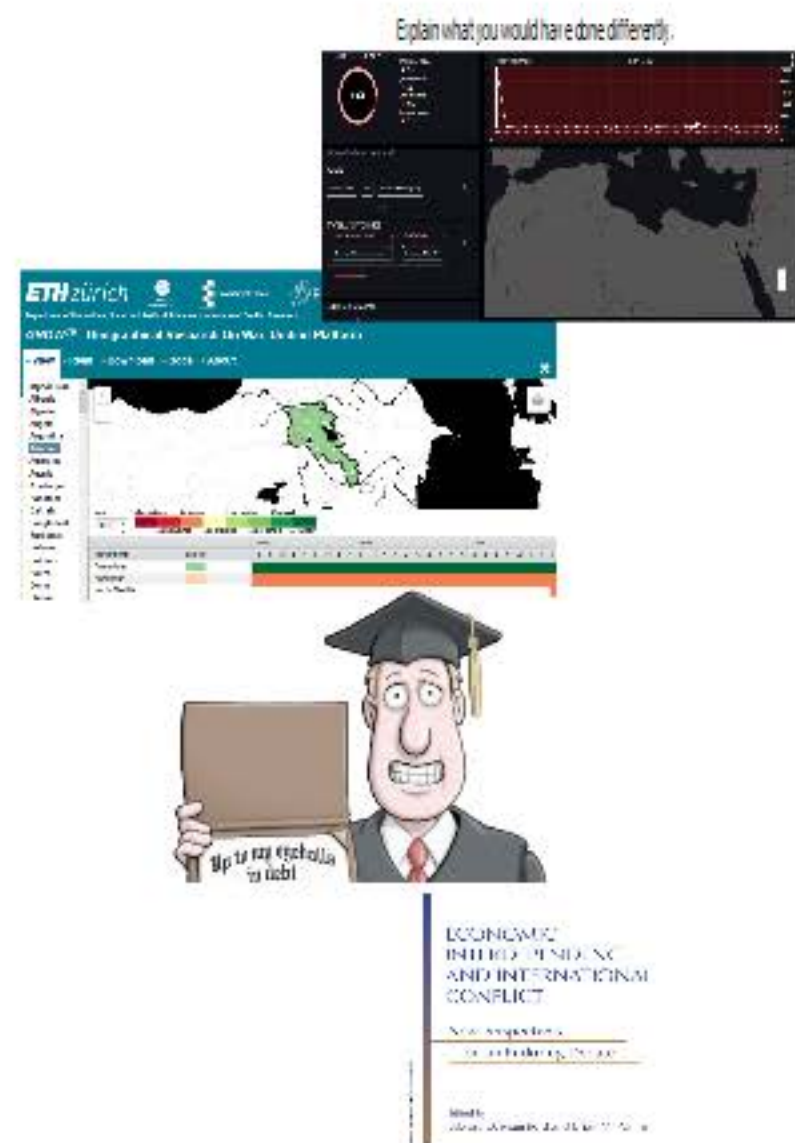


Countries at Wars from 1823 to 2003



Countries at Wars and International Trade







STOCKHOLM INTERNATIONAL
PEACE RESEARCH INSTITUTE

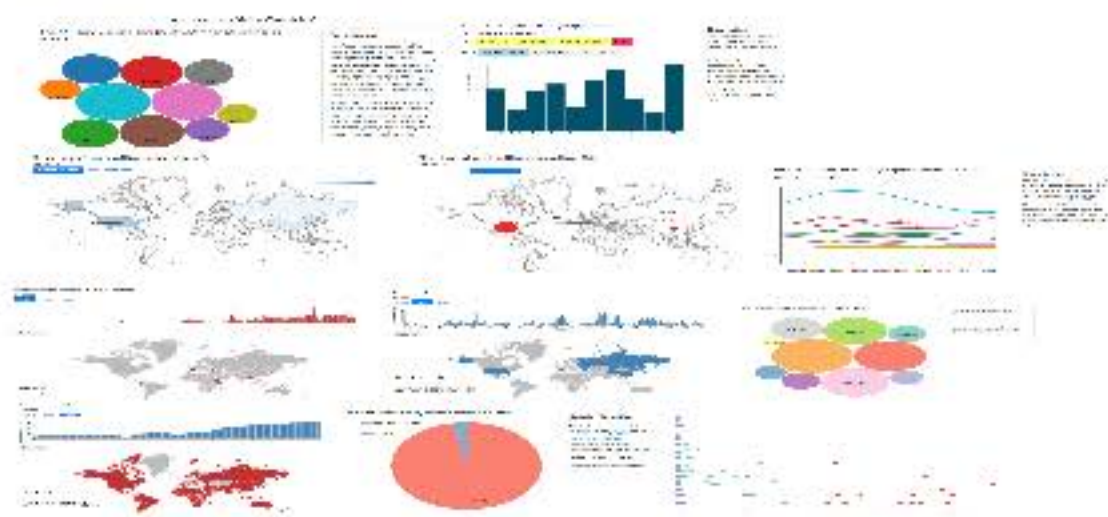


The Correlates of War Project

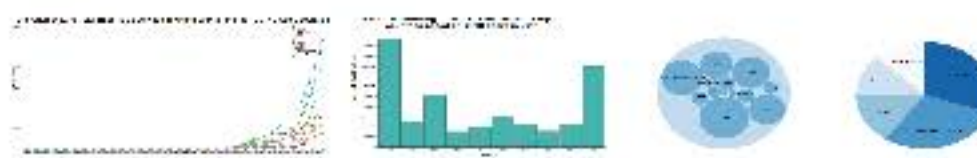




Hristijan Chelov



Shiv Velagaleti



Ryan Delmonico





Inkscape