

I. Setup

Same as before

II. Matching process

Numbers are identified by the regular expression $^{\wedge}[\backslash+-]?\backslashd+([\backslash.]\backslashd+)?([eE]-?\backslashd+)?\$$

Numbers that have length less than 3 are ignored. This removes all the whole numbers which are less than 100.

Countries are identified using a list of manually inflected country names.

A number-country pair is called a match for an attribute attr if $\text{attr}(\text{country}) = \text{number}$.

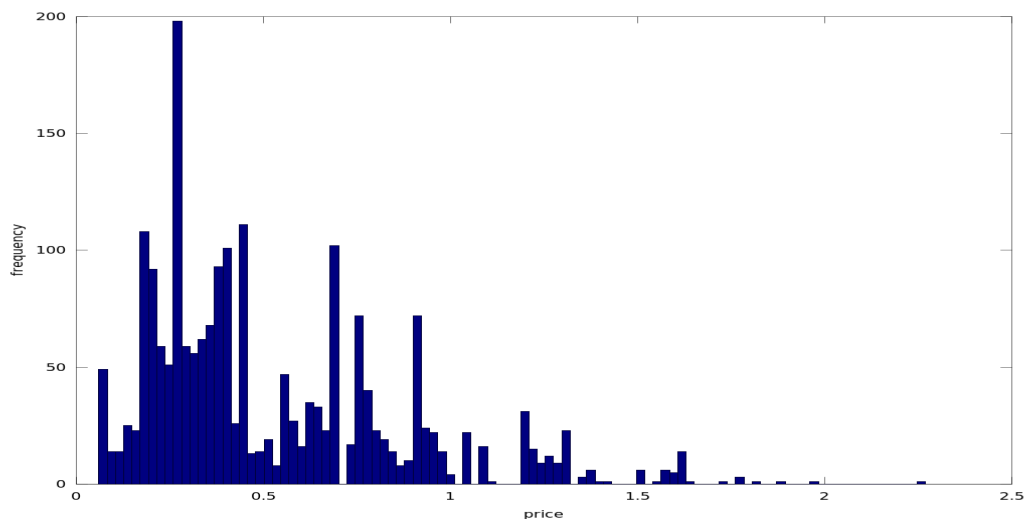
III. Results

a) Number of matches per relation

Relation	Relation Desc	#matches
AG.LND.TOTL.K2	Agricultural land area	20
EP.PMP.DESL.CD	Diesel price at pump	2075
FP.CPI.TOTL.ZG	Inflation	49
IT.NET.USER.P2	Internet user %	296
NA		488

b) Diesel price at pump

Most of the values of diesel prices were again small, leading to a large number of matches. Diesel price was thus the new internet users %. We note that the relation that has the highest number of matches also dominates in the extractions.



c) New match mines

Sentences with a lot of decimal values were the new match mines. These were mostly the news articles reporting lots of statistics.

Sentid	#matches
4643988	77
5310252	55
2616379	55
5843886	46
3202270	43
2671760	42
9271938	41
4592339	41
8079574	40
5838495	40

This time, the top 10 match mines were responsible for 16.3% of the total matches, as opposed to 37.5% of the total matches in the case of no pruning.

c) Some example matches

Country	Attribute	Value	Sentence
China	Land area	700	The property tycoon developed more than 700 hotels, malls and condominiums in Singapore and Hong Kong of China.
France	Diesel price	1.72	Lotte Friis of Denmark won the women's 800 freestyle in 8:23.27, followed at 0.73 seconds by Ophelie Cyriell Etienne of France and Federica Pellegrini of Italy, 1.72 seconds back.
Indonesia	Diesel price	0.51	Foreign exchange rates in Thailand BANGKOK, Sept. 10 (Xinhua) The following are foreign exchange rates against the baht on Thursday as offered by the Bangkok Bank: Thursday Wednesday U.S. dollar 33.62/34.27 33.64/34.29 British pound 55.07/56.93 55.09/56.94 Euro 48.85/50.02 48.73/49.90 Japanese yen (100) 36.11/37.37 36.09/37.35 Hong Kong dollar 4.28/4.47 4.29/4.47 Singapore dollar 23.48/24.16 23.50/24.18 Chinese Yuan 4.24/5.35 4.24/5.35 Indonesia rupiah(1000) 1.98/4.27 1.98/4.28 Philippine peso 0.51/0.77 0.52/0.77
Maldives	Internet user %	23.2	In 2007, the UN climate panel warned that a rise in sea levels of 18 to 59 centimetres (7.2 to 23.2 inches) by 2100 would be enough to make the Maldives virtually uninhabitable.

d) Extractions

Country	Number	Relation	Score	Sentence
United States	3.71 million	EP.PMP.DESL.C D	165375.2	At 3.71 million square miles (9.62 million km ²) and with around 318 million people, the United States is the world's 3rd or 4th-largest country by total area and third-largest by population.
Russia	3.5 million	EP.PMP.DESL.C D	144175.6	The United States has a total area of more than 3.5 million square miles, making it the third largest country in the world after Russia and Canada.
Canada	3.5 million	EP.PMP.DESL.C D	144175.6	The United States has a total area of more than 3.5 million square miles, making it the third largest country in the world after Russia and Canada.
United States	9.6 million	EP.PMP.DESL.C D	99641.5	United States total area: 3,794,083 square miles (including water) -- (9,826,630 sq km) With an area of about 9.6 million km ² , the People's Republic of China is the 3rd largest country in total area behind Russia and Canada, and very similar to the United States.
Russia	9.6 million	EP.PMP.DESL.C D	144175.6	United States total area: 3,794,083 square miles (including water) -- (9,826,630 sq km) With an area of about 9.6 million km ² , the People's Republic of China is the 3rd largest country in total area behind Russia and Canada, and very similar to the United States.
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				States.
China	1.18	EP.PMP.DESL.C D	99641.5	The land area of China is 3.692×10^6 square miles, and that of India is 1.18×10^6 square miles.
France	796,095	EP.PMP.DESL.C D	144175.6	Pakistan covers an area of 796,095 km ² (307,374 sq mi), approximately equal to the combined land areas of France and the United Kingdom.
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Pakistan	163,610	EP.PMP.DESL.C D	99641.5	Total area of Pakistan is 796,096 Square Kilometer (Land) Tunisia occupies an area of 163,610 square kilometres, of which 8,250 are water.
Pakistan	8,250	EP.PMP.DESL.C D	99641.5	Total area of Pakistan is 796,096 Square Kilometer (Land) Tunisia occupies an area of 163,610 square kilometres, of which 8,250 are water.
Tunisia	796,096	AG.LND.TOTL.K 2	60170.5	Total area of Pakistan is 796,096 Square Kilometer (Land) Tunisia occupies an area of 163,610 square kilometres, of which 8,250 are water.
Vatican City	110	EP.PMP.DESL.C D	99641.5	Vatican City officially Vatican City State (Italian: Stato della Città del Vaticano; pronounced), a walled enclave within the city of Rome, with an area of approximately 44 hectares (110 acres), and a population of 842, is the smallest internationally recognized independent state in the world by both area and population.
Vatican City	842	EP.PMP.DESL.C D	99641.5	Vatican City officially Vatican City State (Italian: Stato della Città del Vaticano; pronounced), a walled enclave within the city of Rome, with an area of approximately 44 hectares (110 acres), and a population of 842, is the smallest internationally recognized

				independent state in the world by both area and population.
Vatican City	110	EP.PMP.DESL.C D	99641.5	Vatican City officially Vatican City State (Italian: Stato della Città del Vaticano; pronounced), a walled enclave within the city of Rome, with an area of approximately 44 hectares (110 acres), and a population of 842, is the smallest internationally recognized independent state in the world by both area and population.
Vatican City	842	EP.PMP.DESL.C D	99641.5	Vatican City officially Vatican City State (Italian: Stato della Città del Vaticano; pronounced), a walled enclave within the city of Rome, with an area of approximately 44 hectares (110 acres), and a population of 842, is the smallest internationally recognized independent state in the world by both area and population.
Italian	110	EP.PMP.DESL.C D	43899.2	Vatican City officially Vatican City State (Italian: Stato della Città del Vaticano; pronounced), a walled enclave within the city of Rome, with an area of approximately 44 hectares (110 acres), and a population of 842, is the smallest internationally recognized independent state in the world by both area and population.
Italian	842	EP.PMP.DESL.C D	43899.2	Vatican City officially Vatican City State (Italian: Stato della Città del Vaticano; pronounced), a walled enclave within the city of Rome, with an area of approximately 44 hectares (110 acres), and a population of 842, is the smallest internationally recognized independent state in the world by both area and population.
Stato della Città del Vaticano	110	IT.NET.USER.P2	108249.2	Vatican City officially Vatican City State (Italian: Stato della Città del Vaticano; pronounced), a walled enclave within the city of Rome, with an area of approximately 44 hectares (110 acres), and a population of 842, is the smallest internationally recognized independent state in the world by both area and population.
Stato della Città del	842	EP.PMP.DESL.C D	172287.4	Vatican City officially Vatican City State (Italian: Stato della Città del

Vaticano				Vaticano; pronounced), a walled enclave within the city of Rome, with an area of approximately 44 hectares (110 acres), and a population of 842, is the smallest internationally recognized independent state in the world by both area and population.
Rome	842	EP.PMP.DESL.C D	99641.5	Vatican City officially Vatican City State (Italian: Stato della Città del Vaticano; pronounced), a walled enclave within the city of Rome, with an area of approximately 44 hectares (110 acres), and a population of 842, is the smallest internationally recognized independent state in the world by both area and population.
Spain	650	EP.PMP.DESL.C D	99641.5	With an area of 504,030 km ² , Spain is the second largest country in Western Europe (behind France) and with an average altitude of 650 m, the second highest country in Europe (behind Switzerland).
France	504,030	EP.PMP.DESL.C D	144175.6	With an area of 504,030 km ² , Spain is the second largest country in Western Europe (behind France) and with an average altitude of 650 m, the second highest country in Europe (behind Switzerland).
Europe	504,030	EP.PMP.DESL.C D	166828.9	With an area of 504,030 km ² , Spain is the second largest country in Western Europe (behind France) and with an average altitude of 650 m, the second highest country in Europe (behind Switzerland).
Switzerland	504,030	EP.PMP.DESL.C D	166828.9	With an area of 504,030 km ² , Spain is the second largest country in Western Europe (behind France) and with an average altitude of 650 m, the second highest country in Europe (behind Switzerland).
Vatican City	800	EP.PMP.DESL.C D	68079.5	The population of Vatican City is about 800 people, of whom over 450 have Vatican citizenship, while the rest have permission to reside there, either temporarily or permanently, without the benefit of citizenship.
Vatican City	450	EP.PMP.DESL.C D	75709.1	The population of Vatican City is about 800 people, of whom over 450 have Vatican citizenship, while the rest have

				permission to reside there, either temporarily or permanently, without the benefit of citizenship.
Russia	2014	FP.CPI.TOTL.ZG	63983.0	There are no official figures for the population of Russia in 2014, but the 2010 census, the results of which were released in late 2011 and early 2012, reports that the official population of Russia was 142,946,800.
Russia	2010	FP.CPI.TOTL.ZG	63983.0	There are no official figures for the population of Russia in 2014, but the 2010 census, the results of which were released in late 2011 and early 2012, reports that the official population of Russia was 142,946,800.
Germany	55.6 million	AG.LND.TOTL.K 2	60170.5	Public broadcaster ARD/ZDF said 55.6 million people in Germany use the internet, or 79 percent of the population aged 14 and over.
Taiwan	17.64 million	AG.LND.TOTL.K 2	60170.5	According to TNIC, there are 17.64 million Internet users in Taiwan, or 75.43 percent of the entire population.
China	618 million	EP.PMP.DESL.C D	82246.6	China had 618 million Internet users at the end of 2013, or 46% of the total population, says the China Internet Network Information Center.
China Internet Network Information Center	618 million	EP.PMP.DESL.C D	31862.0	China had 618 million Internet users at the end of 2013, or 46% of the total population, says the China Internet Network Information Center.
United States	4,058 billion	EP.PMP.DESL.C D	138865.7	(This was found on the 19th Page of Google search results) In 2013, the United States generated about 4,058 billion kilowatthours of electricity.
USA	3992	IT.NET.USER.P2	117497.0	As of Jan-2010, total electricity generation for the 2 largest generators was as follows: USA: 3992 billion kWh (3992 TWh) and China: 3715 billion kWh (3715 TWh).
USA	3715	EP.PMP.DESL.C D	99641.5	As of Jan-2010, total electricity generation for the 2 largest generators was as follows: USA: 3992 billion kWh (3992 TWh) and China: 3715 billion kWh (3715 TWh).
China	3992	IT.NET.USER.P2	23860.7	As of Jan-2010, total electricity generation for the 2 largest generators was as follows: USA: 3992 billion kWh (3992 TWh) and China: 3715

				billion kWh (3715 TWh).
China	3715	IT.NET.USER.P2	25798.9	As of Jan-2010, total electricity generation for the 2 largest generators was as follows: USA: 3992 billion kWh (3992 TWh) and China: 3715 billion kWh (3715 TWh).
Russia	2011	FP.CPI.TOTL.ZG	63983.0	In 2011, electric power generation totaled approximately 996 billion kilowatthours, and Russia consumed about 861 billion kilowatthours.
UK	2009	FP.CPI.TOTL.ZG	63983.0	Latest figures (published 2009) show that there was a 0.4% decrease in the total supply of electricity in the UK in 2008, to 399.6 TWh.
Germany	631.4	EP.PMP.DESL.C D	105503.3	In 2013 Germany's electricity production reached 631.4 TWh.