Overview

Dataset info

Number of variables	16
Number of observations	1980
Missing cells	0 (0.0%)
Duplicate rows	0 (0.0%)
Total size in memory	247.6 KiB
Average record size in memory	128.1 B

Variables types

Numeric	3
Categorical	5
Boolean	1
Date	0
URL	0
Text (Unique)	0
Rejected	7
Unsupported	0

Warnings

`Amendment_Value` is highly skewed (γ_1 = 42.64583905)	Skewed
`Amendment_Value` has 1771 (89.4%) zeros	Zeros
`Commodity` has a high cardinality: 292 distinct values	Warning
`Commodity_Rule` has constant value "Unknown"	Rejected
`Entities_Rule` has constant value "Unknown"	Rejected
`Estimated_Trade_Coverage` has constant value "Unknown"	Rejected
`Exemptions_Rule` has constant value "Unknown"	Rejected
`Limited_Tendering_Rule` has constant value "Unknown"	Rejected
`Original_Value` is highly correlated with `Amendment_Value` (ρ = 0.9888762254)	Rejected
`thresholds` has constant value "Unknown"	Rejected

Variables

Amendment_…
Numeric

Distinct count	208	**Mean**	73819.16587
Unique (%)	10.5%	**Minimum**	-196881
Missing (%)	0.0%	**Maximum**	90400000
Missing (n)	0	**Zeros (%)**	89.4%
Infinite (%)	0.0%		
Infinite (n)	0		
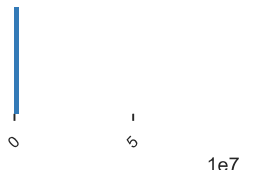
Toggle details

Commodity
Categorical

Distinct count	292
Unique (%)	14.7%
Missing (%)	0.0%
Missing (n)	0

Toggle details

Common values   Composition

Value	Count	Frequency (%)
Laboratory Equipment and Supplies	358	18.1%
ADP Software	329	16.6%
Office Furniture	144	7.3%
Liquid Propellants and Fuels, Petrole…	114	5.8%
ADP Software Maintenance - Other t…	101	5.1%
Hardware, Commercial	52	2.6%
Medical and Surgical Instruments, E…	36	1.8%
Miscellaneous Items	34	1.7%
Dairy Foods and Eggs (replaced by …	28	1.4%
ADP Input-Output and Storage Devices	24	1.2%
Other values (282)	760	38.4%

Commodity_R…	*This variable is constant and should be ignored for analysis*	**Constant value**	Unknown
Constant			

Commodity_T…	**Distinct count**	3		Goods	1661
Categorical	**Unique (%)**	0.2%		Services	313
	Missing (%)	0.0%		Construction	6
	Missing (n)	0			

Toggle details

Country_of_O…	**Distinct count**	38		CA	1696
Categorical	**Unique (%)**	1.9%		US	157
	Missing (%)	0.0%		CZ	23
	Missing (n)	0	Other values (35)	104	

Toggle details

Entities_Rule	*This variable is constant and should be ignored for analysis*	**Constant value**	Unknown
Constant			

Entity	**Distinct count**	40
Categorical	**Unique (%)**	2.0%
	Missing (%)	0.0%
	Missing (n)	0

Toggle details

Common values	Composition

Value	Count	Frequency (%)
DND	760	38.4%
PHAC	242	12.2%
HC	240	12.1%

Value	Count	Frequency (%)
CSC	217	11.0%
GAC	115	5.8%
CBSA	64	3.2%
PCO	38	1.9%
CEO	34	1.7%
OSFI	31	1.6%
FIN	29	1.5%
Other values (30)	210	10.6%

Estimated_Tra... Constant	This variable is constant and should be ignored for analysis	Constant value	Unknown

Exemption Boolean	Distinct count	2		0	1979
	Unique (%)	0.1%		1	1
	Missing (%)	0.0%			
	Missing (n)	0			

Toggle details

Exemptions_R... Constant	This variable is constant and should be ignored for analysis	Constant value	Unknown

Limited_Tende... Numeric	Distinct count	13	Mean	73.20151515
	Unique (%)	0.7%	Minimum	5
	Missing (%)	0.0%	Maximum	90
	Missing (n)	0	Zeros (%)	0.0%
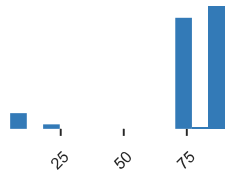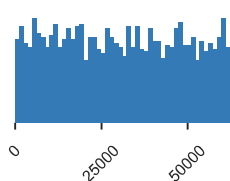
Infinite (%)	0.0%		
Infinite (n)	0		

Toggle details

Limited_Tende… *Constant*	*This variable is constant and should be ignored for analysis*	**Constant value**	Unknown

Original_Value *Highly correlated*	*This variable is highly correlated with `Amendment_Value` and should be ignored for analysis*	**Correlation**	0.9888762254

thresholds *Constant*	*This variable is constant and should be ignored for analysis*	**Constant value**	Unknown

Unnamed_0 Numeric					
Distinct count	1980	**Mean**	30595.64495	
Unique (%)	100.0%	**Minimum**	4	
		Maximum	62182	
Missing (%)	0.0%	**Zeros (%)**	0.0%	
Missing (n)	0			
Infinite (%)	0.0%			
Infinite (n)	0			

Toggle details

Year Categorical				
Distinct count	3	2018	892
Unique (%)	0.2%	2017	874
Missing (%)	0.0%	2019	214
Missing (n)	0		

Toggle details

Correlations

| Pearson's r | Spearman's ρ | Kendall's τ | Phik (φ$_k$) | Cramér's V (φ$_c$) | Recoded |

Missing values

| Count | Matrix |
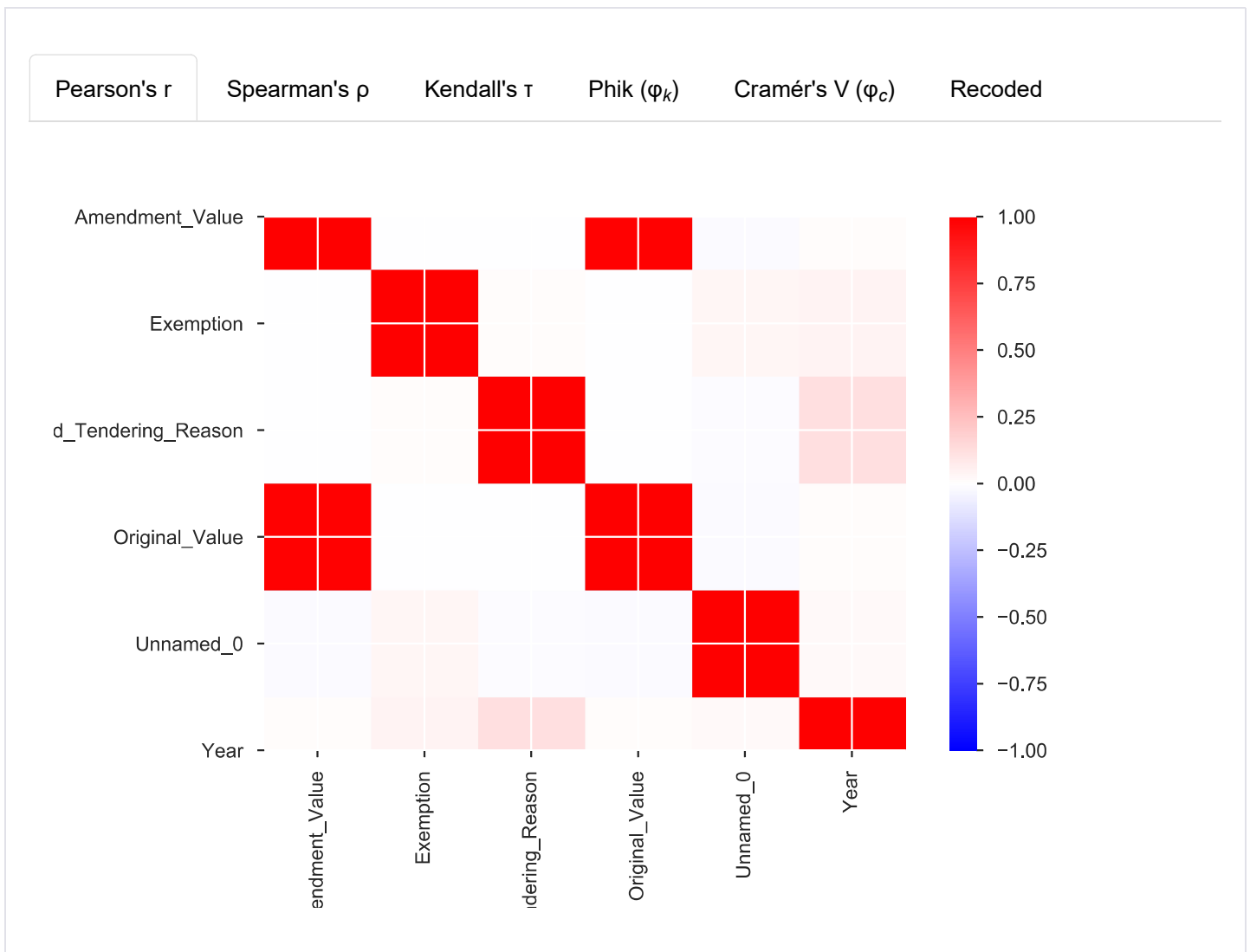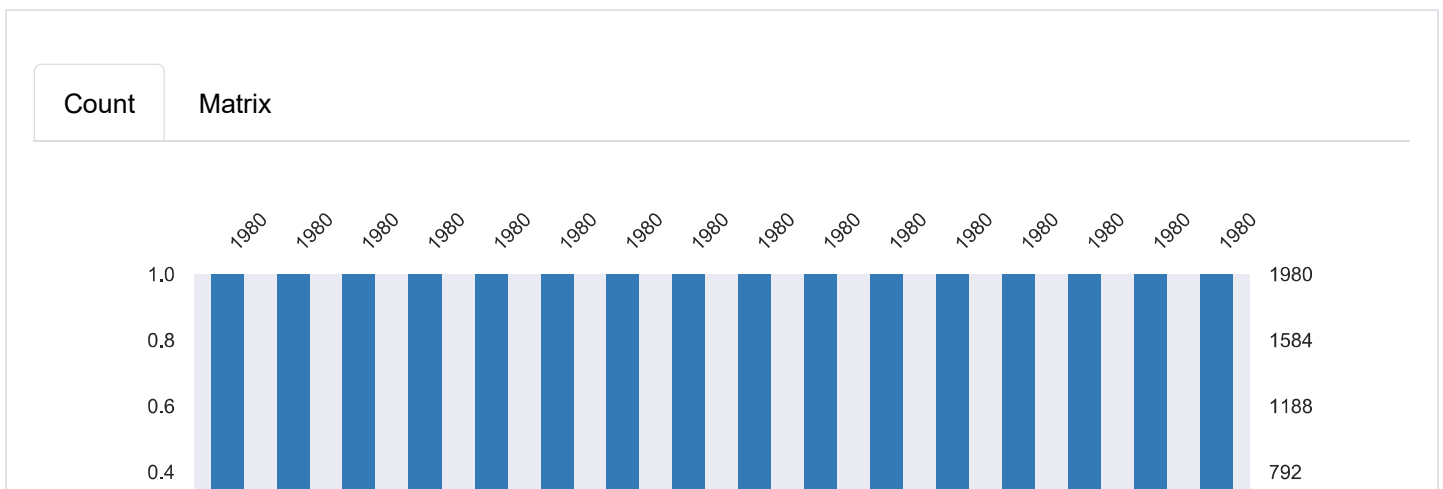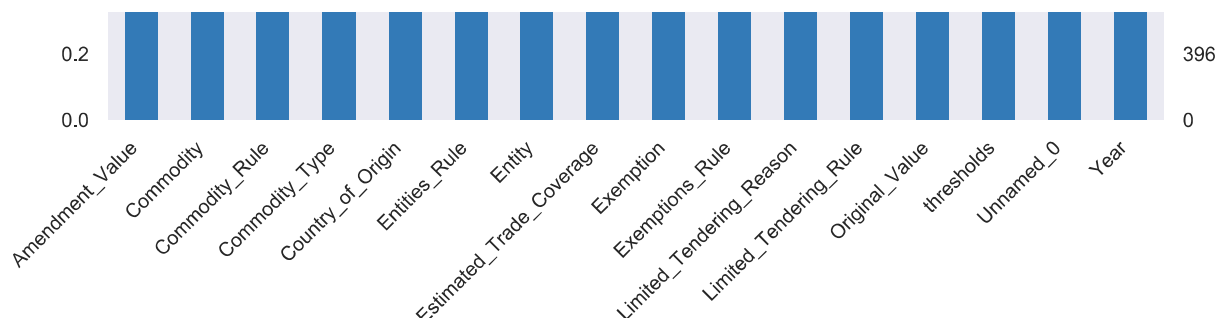
Sample

First rows

	Amendment_Value	Commodity	Commodity_Rule	Con
0	0.00	Tents and Tarpaulins	Unknown	Goo
1	0.00	ADP Software	Unknown	Goo
2	0.00	ADP Software Maintenance - Other than Microcomputer	Unknown	Serv
3	0.00	Liquid Propellants and Fuels, Petroleum Base	Unknown	Goo
4	0.00	ADP Software	Unknown	Goo
5	76248.88	ADP Software Maintenance - Other than Microcomputer	Unknown	Serv
6	0.00	Training Aids	Unknown	Goo
7	0.00	ADP Software	Unknown	Goo
8	0.00	Hardware, Commercial	Unknown	Goo
9	0.00	ADP Software	Unknown	Goo

Last rows

	Amendment_Value	Commodity	Commodity_Rule	Co
1970	0.00	Chemicals	Unknown	Goc
1971	28488.97	ADP Software	Unknown	Goc
1972	0.00	Athletic and Sporting Equipment	Unknown	Goc
1973	0.00	Liquid Propellants and Fuels, Petroleum Base	Unknown	Goc
1974	0.00	Laboratory Equipment and Supplies	Unknown	Goc
1975	0.00	Hospital Furniture, Equipment, Utensils and Supplies	Unknown	Goc
1976	-21646.04	Hotels, Motels and Commercial Accommodation	Unknown	Ser
1977	0.00	Hardware, Commercial	Unknown	Goc
1978	0.00	Liquid Propellants and Fuels, Petroleum Base	Unknown	Goc
1979	0.00	ADP Software	Unknown	Goc

Report generated with pandas-profiling (https://github.com/pandas-profiling/pandas-profiling).