

Overview

Dataset info

Number of variables	14
Number of observations	40297
Missing cells	0 (0.0%)
Duplicate rows	0 (0.0%)
Total size in memory	4.3 MiB
Average record size in memory	112.0 B

Variables types

Numeric	3
Categorical	10
Boolean	0
Date	0
URL	0
Text (Unique)	0
Rejected	1
Unsupported	0

Warnings

abbreviation has a high cardinality: 64 distinct values

amendment_value is highly skewed ($\gamma_1 = 139.8845042$)

amendment_value has 626 (1.6%) zeros

commodity_code has a high cardinality: 734 distinct values

country_of_origin has a high cardinality: 102 distinct values

document_type_code has constant value "Amendment"

limited_tendering_reason_code has 35963 (89.2%) zeros

original_value is highly skewed ($\gamma_1 = 63.19623305$)

owner_org_title has a high cardinality: 65 distinct values

procurement_id has a high cardinality: 9116 distinct values

uuid has a high cardinality: 11914 distinct values

Warning

Skewed

Zeros

Warning

Warning

Rejected

Zeros

Skewed

Warning

Warning

Warning

Variables

abbreviation	Distinct count	64
Categorical	Unique (%)	0.2%
	Missing (%)	0.0%
	Missing (n)	0

[Toggle details](#)

Common values

Composition

Value	Count	Frequency (%)
CRA	11893	29.5%
CBSA	5756	14.3%
DND	4400	10.9%
CSC	4400	10.9%
ESDC	2474	6.1%
GAC	2358	5.9%
DFO	1802	4.5%
CNSC	795	2.0%
ATSSC	697	1.7%
OSFI	695	1.7%
Other values (54)	5027	12.5%

agreement_ty...	Distinct count	12
Categorical	Unique (%)	< 0.1%
	Missing (%)	0.0%
	Missing (n)	0

[Toggle details](#)

Common values

Composition

Value	Count	Frequency (%)
0	7461	18.5%
CFTA	4453	11.1%
NAFTA	3684	9.1%

Value	Count	Frequency (%)
CKFTA	3529	8.8%
CCFTA	3522	8.7%
CHFTA	3459	8.6%
CCoFTA	3433	8.5%
CPaFTA	3433	8.5%
WTO-AGP	3411	8.5%
CPFTA	3408	8.5%
Other values (2)	504	1.3%

amendment_v... Numeric	Distinct count	10086	Mean	296346.2529
	Unique (%)	25.0%	Minimum	-16522116
	Missing (%)	0.0%	Maximum	1157080504
	Missing (n)	0	Zeros (%)	1.6%
	Infinite (%)	0.0%		
	Infinite (n)	0		

[Toggle details](#)

Statistics

Histogram

Common values

Extreme values

Quantile statistics

Minimum	-16522116
5-th percentile	-72627.36
Q1	4729.49
Median	44352.5
Q3	158956.41
95-th percentile	656016.28
Maximum	1157080504
Range	1173602620
Interquartile range	154226.92

Descriptive statistics

Standard deviation	6609253.381
Coef of variation	22.30246989
Kurtosis	23575.03097
Mean	296346.2529
MAD	441731.8788
Skewness	139.8845042
Sum	1.194186495e+10
Variance	4.368223026e+13
Memory size	314.9 KiB

commodity_code	Distinct count	734		
	Unique (%)	1.8%		
	Missing (%)	0.0%		
	Missing (n)	0		
	Toggle details			
Common values		Composition		
Value		Count	Frequency (%)	
D302A		17383	43.1%	
N7030		1075	2.7%	
WL3610		871	2.2%	
R019A		786	2.0%	
N7010		749	1.9%	
R019F		746	1.9%	
U099D		670	1.7%	
R019BF		638	1.6%	
K105A		612	1.5%	
JX7030		608	1.5%	
Other values (724)		16159	40.1%	
commodity_type	Distinct count	3	Services	34116
	Unique (%)	< 0.1%	Goods	4976
	Missing (%)	0.0%	Construction	1205
	Missing (n)	0		
	Toggle details			
country_of_origin	Distinct count	102	CA	38966
	Unique (%)	0.3%	US	545
	Missing (%)	0.0%	GB	123
	Missing (n)	0	Other values (99)	663
	Toggle details			

document_typ...
Constant

*This variable is constant
and should be ignored
for analysis*

Constant value

Amendment

exemption_code
Categorical

**Distinct
count** 3
Unique (%) <
0.1%
Missing (%) 0.0%
Missing (n) 0

Toggle details

Common values

Composition

Value	Count	Frequency (%)
0	40284	> 99.9%
6	9	< 0.1%
3	4	< 0.1%

limited_tenderi...
Numeric

**Distinct
count** 14
Unique (%) <
0.1%
Missing (%) 0.0%
Missing (n) 0
Infinite (%) 0.0%
Infinite (n) 0
Mean 7.998883292
Minimum 0
Maximum 90
Zeros (%) 89.2%

Toggle details

Statistics

Histogram

Common values

Extreme values

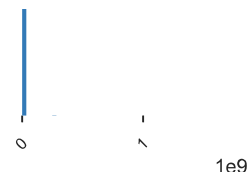
Value	Count	Frequency (%)
0	35963	89.2%
71	2457	6.1%
85	712	1.8%

Value	Count	Frequency (%)
87	598	1.5%
86	282	0.7%
23	87	0.2%
5	86	0.2%
90	42	0.1%
74	42	0.1%
81	18	< 0.1%
Other values (4)	10	< 0.1%

original_value
Numeric

**Distinct
count** 7633
Unique (%) 18.9%
Missing (%) 0.0%
Missing (n) 0
Infinite (%) 0.0%
Infinite (n) 0

Mean 912295.7227
Minimum 0
Maximum 1772776794
Zeros (%) 0.3%



[Toggle details](#)

owner_org_title
Categorical

**Distinct
count** 65
Unique (%) 0.2%
Missing (%) 0.0%
Missing (n) 0

Canada Revenue Age... 11893
Canada Border Servic... 5756
National Defence | Déf... 4400
Other values (62) 18248

[Toggle details](#)

procurement_id
Categorical

**Distinct
count** 9116
Unique (%) 22.6%
Missing (%) 0.0%
Missing (n) 0

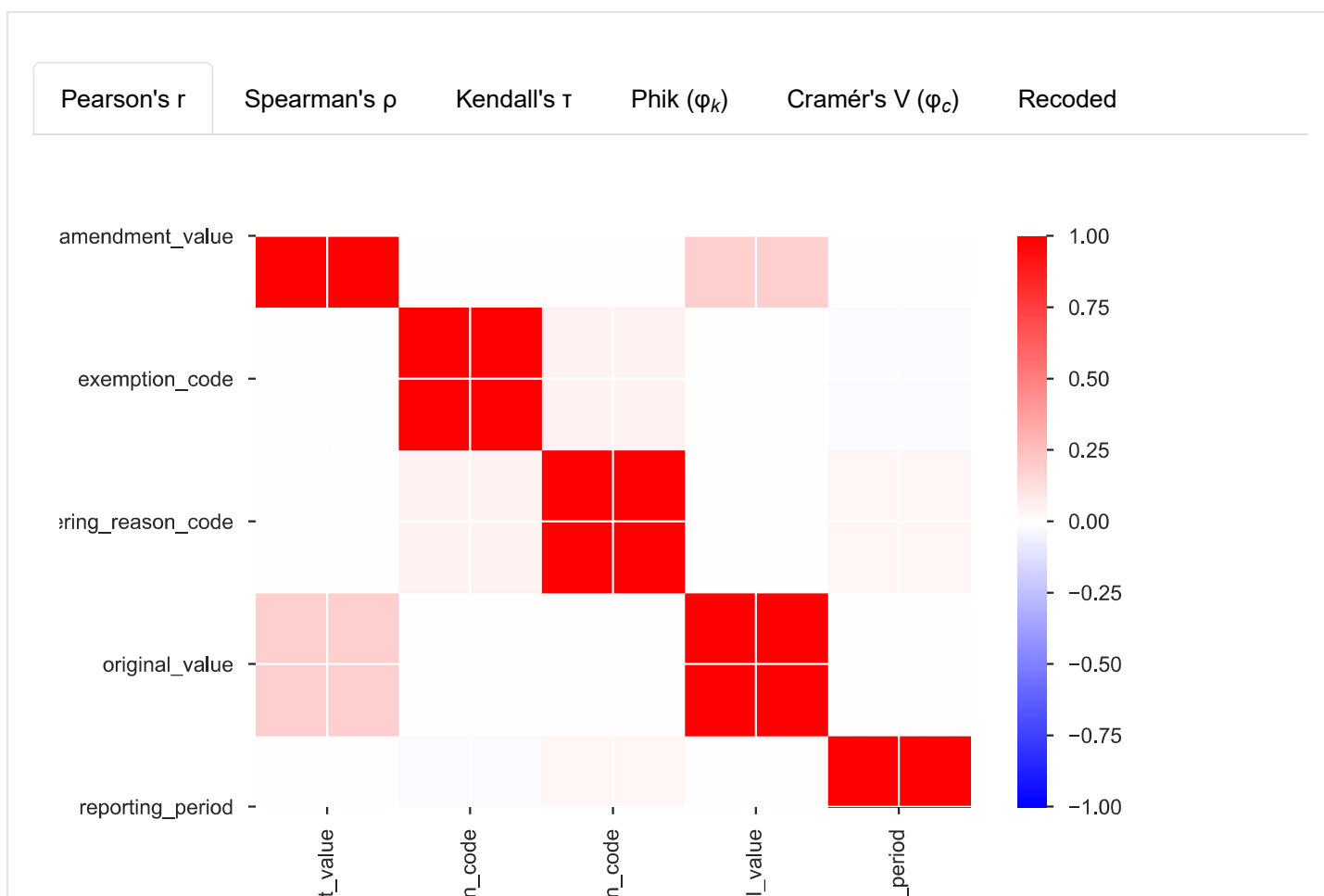
2016002691 252
2B18071919 126
2B18071923 108
Other values (9113) 39811

[Toggle details](#)

reporting_period Categorical	Distinct count	3	2018	19856
			2017	16054
	Unique (%)	< 0.1%	2019	4387
	Missing (%)	0.0%		
	Missing (n)	0		
Toggle details				

uuid Categorical	Distinct count	11914	e68e57aa-1ef3-41ae-a... 11	
			aa161f61-1a4e-4870-8... 11	
	Unique (%)	29.6%	9d67cba6-4781-4581-... 11	
	Missing (%)	0.0%	Other values (11911)	40264
	Missing (n)	0		
Toggle details				

Correlations



endmen

:xemptio

g_reaso

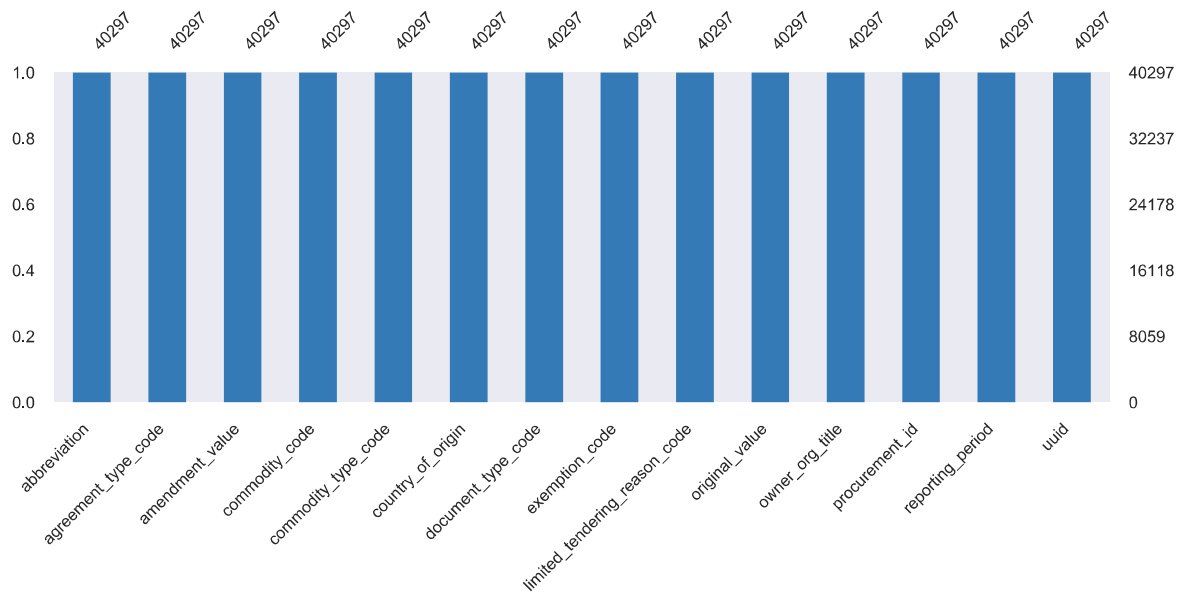
origina

eorting

Missing values

Count

Matrix



Sample

First rows

	abbreviation	agreement_type_code	amendment_value	commodity_code	commodity_type_c
0	DND	0	207298.42	K100A	Services
1	DND	0	3390.00	S001A	Services
2	DFO	0	16180.90	5155C	Construction

	abbreviation	agreement_type_code	amendment_value	commodity_code	commodity_type_c
3	ESDC	WTO-AGP	631839.36	D302A	Services
4	ESDC	NAFTA	631839.36	D302A	Services
5	ESDC	CFTA	631839.36	D302A	Services
6	ESDC	CCFTA	631839.36	D302A	Services
7	ESDC	CCoFTA	631839.36	D302A	Services
8	ESDC	CHFTA	631839.36	D302A	Services
9	ESDC	CPaFTA	631839.36	D302A	Services

Last rows

	abbreviation	agreement_type_code	amendment_value	commodity_code	commodity_ty
40287	CRA	CETA	238573.83	D302A	Services
40288	CRA	WTO-AGP	238573.83	D302A	Services
40289	CRA	NAFTA	238573.83	D302A	Services
40290	CRA	CFTA	238573.83	D302A	Services
40291	CRA	CCFTA	238573.83	D302A	Services
40292	CRA	CCoFTA	238573.83	D302A	Services
40293	CRA	CHFTA	238573.83	D302A	Services
40294	CRA	CPaFTA	238573.83	D302A	Services
40295	CRA	CPFTA	238573.83	D302A	Services
40296	CRA	CKFTA	238573.83	D302A	Services