

NOMBRE: Patricia Belen Cruz Nina

WEKA

Choose

J48 -C 0.25 -M 2

Test options

☐ Use training set

☐ Supplied test set

☒ Cross-validation

☐ Percentage split

Set...

Folds

10

%

More options...

(Nom) Country

Start

Stop

Result list (right-click for options)

22:08:33 - trees.J48

04:26:18 - trees.J48

04:26:35 - trees.J48

04:26:52 - trees.J48

Classifier output

State = Yunnan: China (2371.0)

State = Zhejiang: China (2073.0)

Number of Leaves : 241

Size of the tree : 242

Time taken to build model: 0.99 seconds

=== Stratified cross-validation ===

=== Summary ===

Correctly Classified Instances

615960

100

%

Incorrectly Classified Instances

0

0

%

Kappa statistic

1

Mean absolute error

0

Root mean squared error

0

Relative absolute error

0

%

Root relative squared error

0

%

Total Number of Instances

615960

Ignored Class Unknown Instances

29715

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
	1,000	0,000	1,000	1,000	1,000	1,000	1,000	1,000	Brazil
	1,000	0,000	1,000	1,000	1,000	1,000	1,000	1,000	Russia
	1,000	0,000	1,000	1,000	1,000	1,000	1,000	1,000	United States
	1,000	0,000	1,000	1,000	1,000	1,000	1,000	1,000	Canada
	1,000	0,000	1,000	1,000	1,000	1,000	1,000	1,000	India
	1,000	0,000	1,000	1,000	1,000	1,000	1,000	1,000	China
	1,000	0,000	1,000	1,000	1,000	1,000	1,000	1,000	Australia
Weighted Avg.	1,000	0,000	1,000	1,000	1,000	1,000	1,000	1,000	

=== Confusion Matrix ===

	a	b	c	d	e	f	g	<-- Classified as
34328	0	0	0	0	0	0	0	a = Brazil
0 225257		0	0	0	0	0	0	b = Russia
0 149745			0	0	0	0	0	c = United States
0 0 35358				0	0	0	0	d = Canada
0 0 0 86664					0	0	0	e = India
0 0 0 0 68506						0	0	f = China
0 0 0 0 0 16102							0	g = Australia

PYTHON

NOMBRE: Patricia Belen Cruz Nina

```
In [74]: runfile('C:/Users/Desktop/Documents/Python Scripts/cuarta.py', wdir='C:/Users/

0 1855-05-01 25.544 1.171 Acre Brazil
1 1855-06-01 24.228 1.103 Acre Brazil
2 1855-07-01 24.371 1.044 Acre Brazil
3 1855-08-01 25.427 1.073 Acre Brazil
4 1855-09-01 25.675 1.014 Acre Brazil
1743-11-01 1743-12-01 1744-01-01 ... 2013-07-01 2013-08-01 2013-09-01
0 0 0 0 ... 0 0 0
1 0 0 0 ... 0 0 0
2 0 0 0 ... 0 0 0
3 0 0 0 ... 0 0 0
4 0 0 0 ... 0 0 0

[5 rows x 3239 columns]
Acre Adygey Aga Buryat Alabama ... Yevrey Yukon Yunnan Zhejiang
0 1 0 0 0 ... 0 0 0
1 1 0 0 0 ... 0 0 0
2 1 0 0 0 ... 0 0 0
3 1 0 0 0 ... 0 0 0
4 1 0 0 0 ... 0 0 0

[5 rows x 241 columns]
los paises son
Russia 254972
United States 149745
India 86664
China 68506
Canada 35358
Brazil 34328
Australia 16102
Name: Country, dtype: int64
[['1855-05-01', 25.544, 1.171, 'Acre']]
[['1855-06-01', 24.228, 1.103, 'Acre']]
[['1855-07-01', 24.371, 1.044, 'Acre']]
[['1855-08-01', 25.427, 1.073, 'Acre']]
[['1855-09-01', 25.675, 1.014, 'Acre']]
0 Brazil
1 Brazil
2 Brazil
3 Brazil
4 Brazil
Name: Country, dtype: object
```

```
Console 1/A
Name: Country, dtype: object
AverageTemperature AverageTemperatureUncertainty ... Yunnan Zhejiang
0 25.544 1.171 ... 0 0
1 24.228 1.103 ... 0 0
2 24.371 1.044 ... 0 0
3 25.427 1.073 ... 0 0
4 25.675 1.014 ... 0 0

[5 rows x 3482 columns]
PRIMERO
516540
129135
[['1911-02-01', -15.937, 1.5419999999999998, 'Kemerovo']]
[['1850-07-01', 27.56, 0.92, 'Orissa']]
[['1744-11-01', -2.2110000000000003, 3.44, 'Ryazan']]
[['1790-11-01', 6.487, 1.9780000000000002, 'Maryland']]
[['2008-09-01', 8.527999999999999, 0.185, 'Udmurt']]
[['1972-02-01', 1.666, 0.145, 'Kansas']]
[['1838-09-01', 18.002, 1.7369999999999999, 'New Jersey']]
[['1955-07-01', 22.737, 0.349, 'Dagestan']]
[['1846-04-01', -8.937000000000003, 3.1189999999999998, 'Nenets']]
[['1920-10-01', -1.6189999999999998, 0.3329999999999996, 'Nizhegorod']]
SEGUNDO
451972
193703
[['1967-09-01', 28.569000000000006, 0.626, 'Delhi']]
[['1952-07-01', 11.324000000000002, 0.318, 'Alaska']]
[['1964-05-01', 12.637, 0.838, 'Himachal Pradesh']]
[['1802-10-01', 11.229, 4.313, 'Iowa']]
[['1865-09-01', 4.558, 1.9480000000000002, 'Arkhangel'sk']]
[['1940-08-01', 20.641, 0.266, 'Beijing']]
[['1939-12-01', -19.516, 0.605, 'Buryat']]
[['1898-07-01', 23.466, 0.598, 'Sergipe']]
[['1969-05-01', 30.139, 0.446, 'Daman And Diu']]
[['1878-10-01', 10.086, 0.7959999999999999, 'Tasmania']]
TERCERO
581107
64568
[['1926-10-01', -2.812, 0.624, 'Nenets']]
[['1959-05-01', 16.753, 0.172, 'Rostov']]
[['1841-11-01', -5.516, 1.03, 'Udmurt']]
[['1909-03-01', 27.65, 0.371, 'Goa']]
[['1783-09-01', 12.316, 4.41, 'Bryansk']]
[['1915-06-01', 24.808000000000003, 1.959, 'Pernambuco']]
[['1877-04-01', 4.459, 1.548, 'Tambov']]
[['1805-04-01', 28.648000000000003, 2.319, 'Delhi']]
[['1762-08-01', 0.0, 0.0, 'Connecticut']]
[['1802-07-01', 28.404, 1.3330000000000002, 'Andaman And Nicobar']]
CUARTO
```

NOMBRE: Patricia Belen Cruz Nina

```
CUARTO
258270
387405
[['1961-12-01' -6.307 0.32299999999999995 'Bryansk']
['1793-06-01' 0.0 0.0 'North Dakota']
['1814-08-01' 15.648 1.587 'Novgorod']
['1931-02-01' 11.317 0.693 'Yunnan']
['1895-03-01' -17.134 1.218 'Buryat']]
[['1897-06-01' 6.181 2.5610000000000004 'Kamchatka']
['1973-10-01' 8.129 0.23600000000000002 'Liaoning']
['1853-07-01' 21.259 1.643 'Xinjiang Uygur']
['1822-09-01' 9.68 3.983 'Altay']
['1957-12-01' 1.004 0.452 'Karachay Cherkess']]
QUINTO
451972
193703
[['2004-07-01' 20.195999999999998 0.298 'Bashkortostan']
['1843-06-01' 28.72 1.285 'Maharashtra']
['1984-09-01' 18.204 0.159 'District Of Columbia']
['1947-08-01' 14.915 0.401 'Leningrad']
['1820-10-01' 3.176 1.7719999999999998 'Tatarstan']]
[['1979-07-01' 23.08 0.198 'Liaoning']
['2001-01-01' -21.053 0.391 'Omsk']
['1888-09-01' 11.425999999999998 0.444 'Primor'Ye']
['1893-10-01' 16.093 0.634 'Yunnan']
['1922-06-01' 15.432 0.434 'Moscow City']]
SEXTO
516540
129135
[['1842-10-01' 11.487 2.2880000000000003 'Ohio']
['1938-04-01' 29.796999999999997 0.332 'Bihar']
['1774-11-01' 0.91 5.0489999999999995 'Iowa']
['2006-10-01' 25.214 0.212 'Western Australia']
['1875-09-01' 11.775 0.314 'New Hampshire']]
[['1748-07-01' 0.0 0.0 'Moscow City']
['1769-05-01' 18.345 5.2829999999999995 'Illinois']
['1842-10-01' 20.269 2.032 'Guangxi']
['1950-04-01' 8.231 0.41600000000000004 'Chuvash']
['1901-02-01' -10.542 0.9329999999999999 'Kirov']]
SEPTIMO
322837
322838
[['1957-12-01' 1.1199999999999997 0.214 'Nebraska']
['1915-11-01' 1.319 0.371 'Maine']
['1984-02-01' -10.772 0.21 'Qinghai']
['1781-10-01' 8.396 2.024 'Michigan']
['2013-04-01' 15.521 0.364 'Anhui']]
[['1958-07-01' 27.647 0.345 'Madhya Pradesh']
['1910-04-01' 25.09 1.012 'Acre']
['2001-11-01' 15.372 0.201 'Alabama']
['1998-05-01' 9.549 0.192 'Australian Capital Territory']
['1852-11-01' 2.021 1.413 'Sichuan']]
```

```
['1910-04-01' 25.09 1.012 'Acre']
['2001-11-01' 15.372 0.201 'Alabama']
['1998-05-01' 9.549 0.192 'Australian Capital Territory']
['1852-11-01' 2.021 1.413 'Sichuan']]
OCTAVO
516540
129135
[['1910-03-01' -15.485 1.758 'Aga Buryat']
['1992-07-01' 25.446 0.42 'Nagaland']
['2003-03-01' 9.276 0.217 'Virginia']
['1972-04-01' 1.7969999999999997 0.353 'Vermont']
['1840-09-01' 13.092 1.911 'Bryansk']]
[['1834-05-01' 8.481 1.6269999999999998 'Maine']
['1797-02-01' -4.88 2.82 'Prince Edward Island']
['1898-07-01' 16.55 0.674 'Ontario']
['1898-04-01' 17.521 0.409 'Texas']
['1836-11-01' 0.7760000000000007 1.5959999999999999 'Massachusetts']]
NOVENO
451972
193703
[['1986-05-01' 21.311 0.282 'Zhejiang']
['1970-07-01' 10.548 0.43799999999999994 'Sikkim']
['1977-05-01' 19.599 0.28800000000000003 'Yunnan']
['1864-01-01' 19.516 1.453 'Orissa']
['1865-01-01' -29.005000000000001 1.149 'Chita']]
[['1865-05-01' 15.298 2.037 'Ningxia Hui']
['1848-11-01' -1.754 2.73 'Idaho']
['1925-05-01' 30.958 0.419 'Jharkhand']
['1801-12-01' -13.17 4.45 'Ontario']
['1886-04-01' 18.423 0.8059999999999999 'Santa Catarina']]
DECIMO
387405
258270
[['1878-01-01' 26.271 0.99 'Kerala']
['1826-11-01' 3.1660000000000004 1.6680000000000001 'Iowa']
['1944-11-01' 2.0580000000000003 0.257 'New Brunswick']
['1981-05-01' 9.97 0.91 'Jammu And Kashmir']
['1890-06-01' 26.291999999999998 0.758 'Mizoram']]
[['1960-07-01' 23.835 0.268 'Rostov']
['1893-06-01' 13.607 0.535 'Kirov']
['1801-04-01' 0.0 0.0 'Madhya Pradesh']
['1960-07-01' 20.364 0.15 'Pennsylvania']
['1984-07-01' 23.281 0.364 'Illinois']]
In [75]:
```