

Program Visuali

Weka Explorer

PreprocessClassifyClusterAssociateSelect attributesVisualize

Plot Matrix

	age	spectacle-prescrip	astigmatism	tear-prod-rate	contact-lenses
contact-lenses	<div><div>14</div><div>15</div><div>16</div><div>17</div><div>18</div><div>19</div><div>20</div></div>	<div><div>21</div><div>22</div><div>23</div><div>24</div><div>25</div><div>26</div><div>27</div></div>	<div><div>28</div><div>29</div><div>30</div><div>31</div><div>32</div><div>33</div><div>34</div></div>	<div><div>35</div><div>36</div><div>37</div><div>38</div><div>39</div><div>40</div><div>41</div></div>	<div><div>42</div><div>43</div><div>44</div><div>45</div><div>46</div><div>47</div><div>48</div></div>
tear-prod-rate	<div><div>49</div><div>50</div><div>51</div><div>52</div><div>53</div><div>54</div><div>55</div></div>	<div><div>56</div><div>57</div><div>58</div><div>59</div><div>60</div><div>61</div><div>62</div></div>	<div><div>63</div><div>64</div><div>65</div><div>66</div><div>67</div><div>68</div><div>69</div></div>	<div><div>70</div><div>71</div><div>72</div><div>73</div><div>74</div><div>75</div><div>76</div></div>	<div><div>77</div><div>78</div><div>79</div><div>80</div><div>81</div><div>82</div><div>83</div></div>
astigmatism	<div><div>84</div><div>85</div><div>86</div><div>87</div><div>88</div><div>89</div><div>90</div></div>	<div><div>91</div><div>92</div><div>93</div><div>94</div><div>95</div><div>96</div><div>97</div></div>	<div><div>98</div><div>99</div><div>100</div><div>101</div><div>102</div><div>103</div><div>104</div></div>	<div><div>105</div><div>106</div><div>107</div><div>108</div><div>109</div><div>110</div><div>111</div></div>	<div><div>112</div><div>113</div><div>114</div><div>115</div><div>116</div><div>117</div><div>118</div></div>
spectacle-prescrip	<div><div>119</div><div>120</div><div>121</div><div>122</div><div>123</div><div>124</div><div>125</div></div>	<div><div>126</div><div>127</div><div>128</div><div>129</div><div>130</div><div>131</div><div>132</div></div>	<div><div>133</div><div>134</div><div>135</div><div>136</div><div>137</div><div>138</div><div>139</div></div>	<div><div>140</div><div>141</div><div>142</div><div>143</div><div>144</div><div>145</div><div>146</div></div>	<div><div>147</div><div>148</div><div>149</div><div>150</div><div>151</div><div>152</div><div>153</div></div>

PlotSize: [100]

PointSize: [1]

Jitter:

Colour: contact-lenses (Nom)

Class Colour

☐ Fast scrolling (uses more memory)

Update

Select Attributes

SubSample % : 100

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soft hard now

09:06
06-02-2023

Applications

Explorer

Experimenter

KnowledgeFlow

Workbench

Simple CLI



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Associator

ChooseApriori -N 10 -T 0 -C 0.9 -D 0.05 -U 1.0 -M 0.1 -S -1.0 -c 1

StartStop

Result list (right-click for ...)

09:06:03 - Apriori

Associator output

Apriori

Minimum support: 0.2 (5 instances)

Minimum metric <confidence>: 0.9

Number of cycles performed: 16

Generated sets of large itemsets:

Size of set of large itemsets L(1): 11

Size of set of large itemsets L(2): 21

Size of set of large itemsets L(3): 6

Best rules found:

1. tear-prod-rate=reduced 12 ==> contact-lenses=none 12 <conf:(1)> lift:(1.6) lev:(0.19) [4] conv:(4.5)

2. spectacle-prescrip=myope tear-prod-rate=reduced 6 ==> contact-lenses=none 6 <conf:(1)> lift:(1.6) lev:(0.0)

3. spectacle-prescrip=hypermetrope tear-prod-rate=reduced 6 ==> contact-lenses=none 6 <conf:(1)> lift:(1.6)

4. astigmatism=no tear-prod-rate=reduced 6 ==> contact-lenses=none 6 <conf:(1)> lift:(1.6) lev:(0.09) [2] co

5. astigmatism=yes tear-prod-rate=reduced 6 ==> contact-lenses=none 6 <conf:(1)> lift:(1.6) lev:(0.09) [2] co

6. contact-lenses=soft 5 ==> astigmatism=no 5 <conf:(1)> lift:(2) lev:(0.1) [2] conv:(2.5)

7. contact-lenses=soft 5 ==> tear-prod-rate=normal 5 <conf:(1)> lift:(2) lev:(0.1) [2] conv:(2.5)

8. tear-prod-rate=normal contact-lenses=soft 5 ==> astigmatism=no 5 <conf:(1)> lift:(2) lev:(0.1) [2] conv:(

9. astigmatism=no contact-lenses=soft 5 ==> tear-prod-rate=normal 5 <conf:(1)> lift:(2) lev:(0.1) [2] conv:(

10. contact-lenses=soft 5 ==> astigmatism=no tear-prod-rate=normal 5 <conf:(1)> lift:(4) lev:(0.16) [3] conv:

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Classifier

ChooseZeroR

Test options

☐ Use training set

☐ Supplied test set

☒ Cross-validation

☐ Percentage split

Folds10

%66

More options...

(Nom) contact-lenses

StartStop

Result list (right-click for options)

09:05:53 - rules.ZeroR

Classifier output

Time taken to build model: 0 seconds

--- Stratified cross-validation ---

=== Summary ===

Correctly Classified Instances	15	62.5	%
Incorrectly Classified Instances	9	37.5	%
Kappa statistic	0		
Mean absolute error	0.3778		
Root mean squared error	0.4367		
Relative absolute error	100	%	
Root relative squared error	100	%	
Total Number of Instances	24		

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	FRC Area	Class
	0.000	0.000	?	0.000	?	?	0.216	0.187	soft
	0.000	0.000	?	0.000	?	?	0.200	0.167	hard
	1.000	1.000	0.625	1.000	0.769	?	0.152	0.529	none
Weighted Avg.	0.625	0.625	?	0.625	?	?	0.173	0.398	

=== Confusion Matrix ===

a b c <-- classified as

0 0 5 | a = soft

0 0 4 | b = hard

0 0 15 | c = none

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Applications

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Windows Taskbar

09:05 06-02-2023

