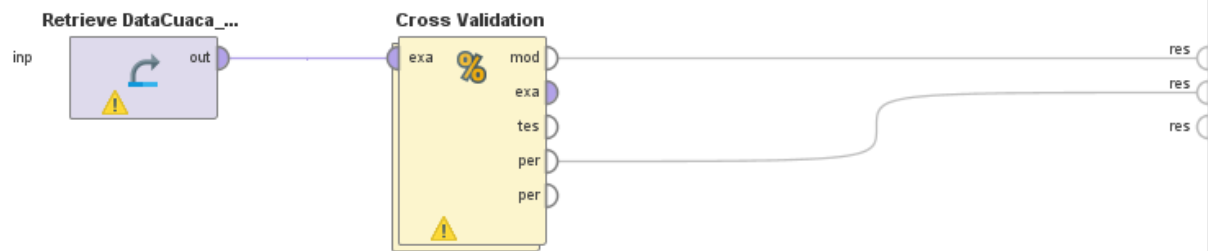


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Process

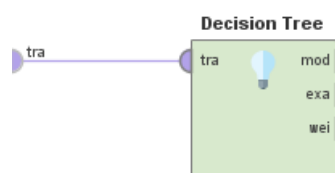


Process

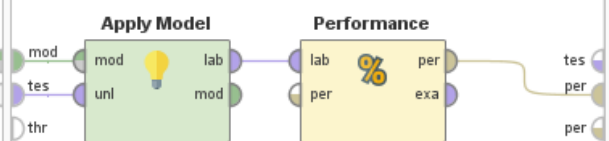
[Process](#) ▶ Cross Validation

100%

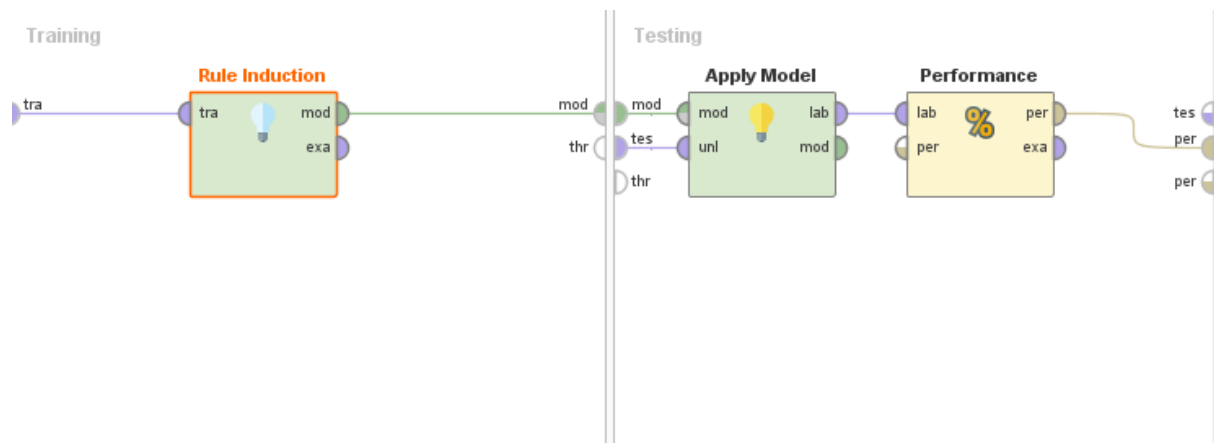
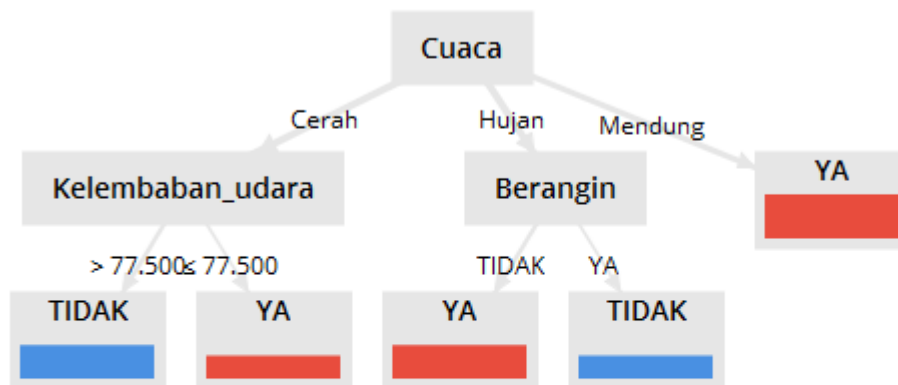
Training



Testing



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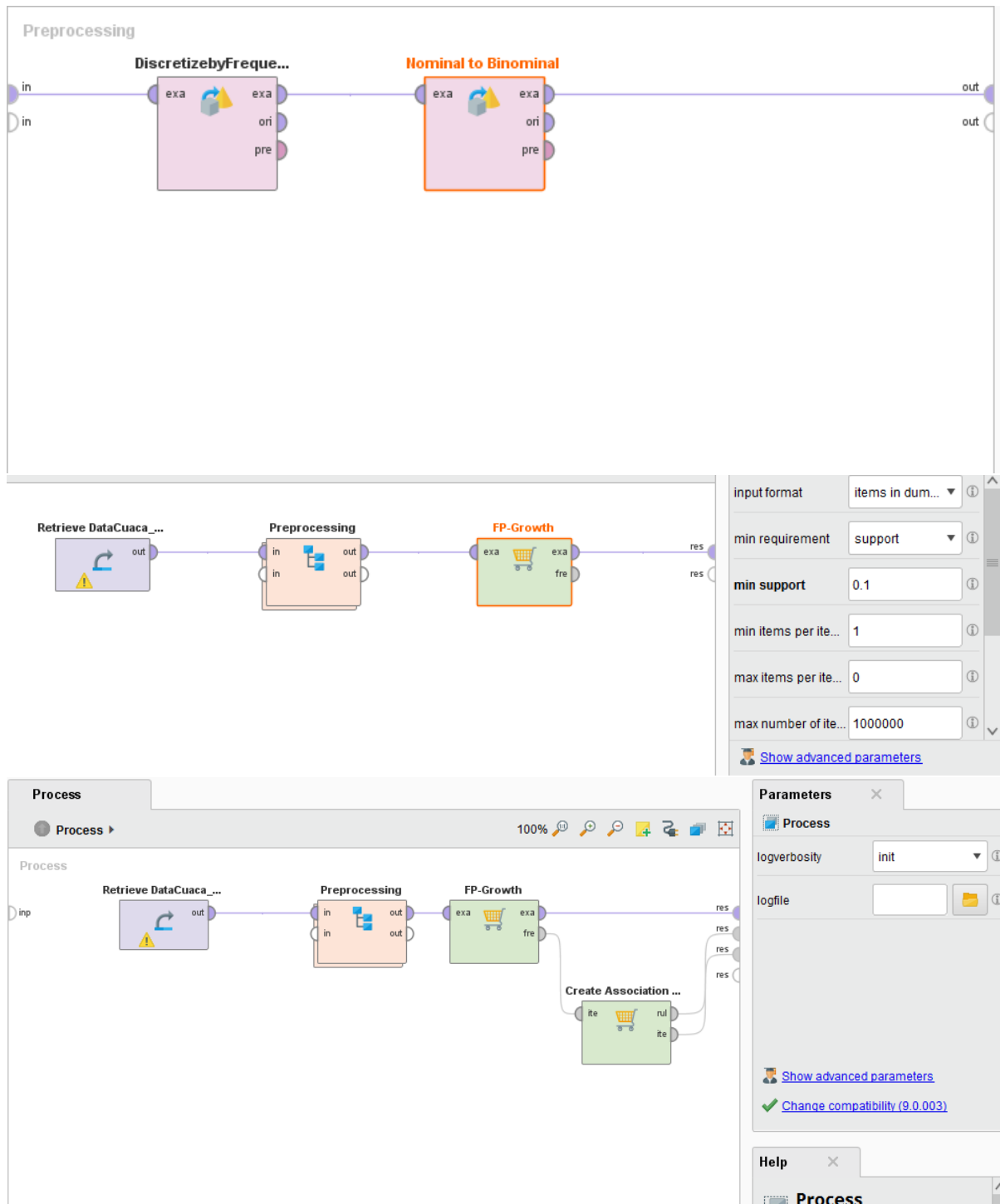
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icess



The screenshot shows the RapidMiner software interface. The main workspace is titled 'Process' and contains a 'Preprocessing' section. Inside this section, a process box labeled 'Discretize by Frequency' is connected to the input. The process box has four ports: 'in', 'out', 'exa', and 'pre'. The 'Parameters' panel on the right is open, showing the configuration for 'Discretize by Frequency'. The 'attribute filter type' is set to 'all'. There are checkboxes for 'invert selection' and 'include special attributes', both of which are currently unchecked. The 'number of bins' is set to '2'. Below these settings, there are links for 'Show advanced parameters' and 'Change compatibility (9.0.003)'. At the bottom, a 'Help' panel is visible, displaying the title 'Discretize by Frequency' and the text 'RapidMiner Studio Core'.

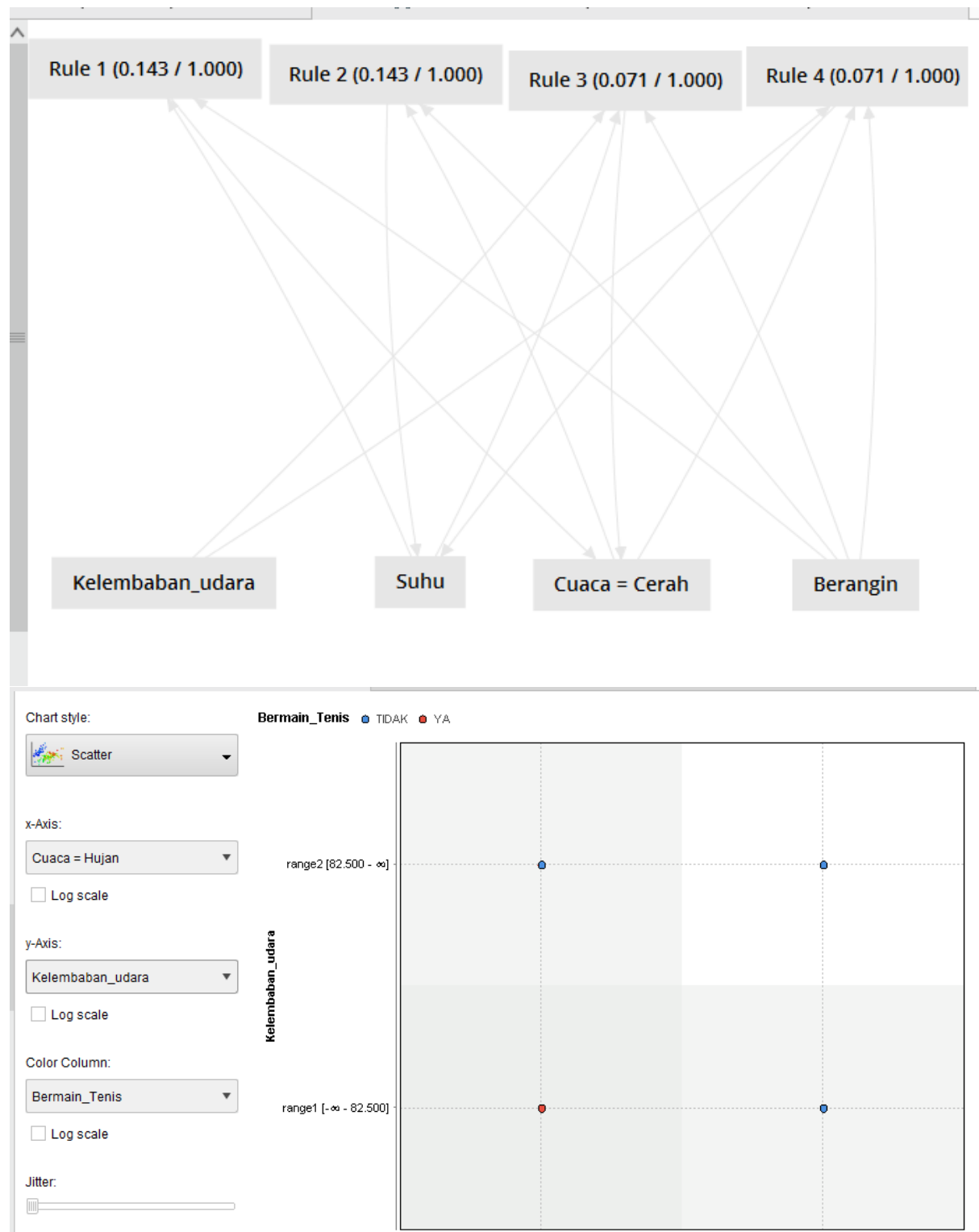
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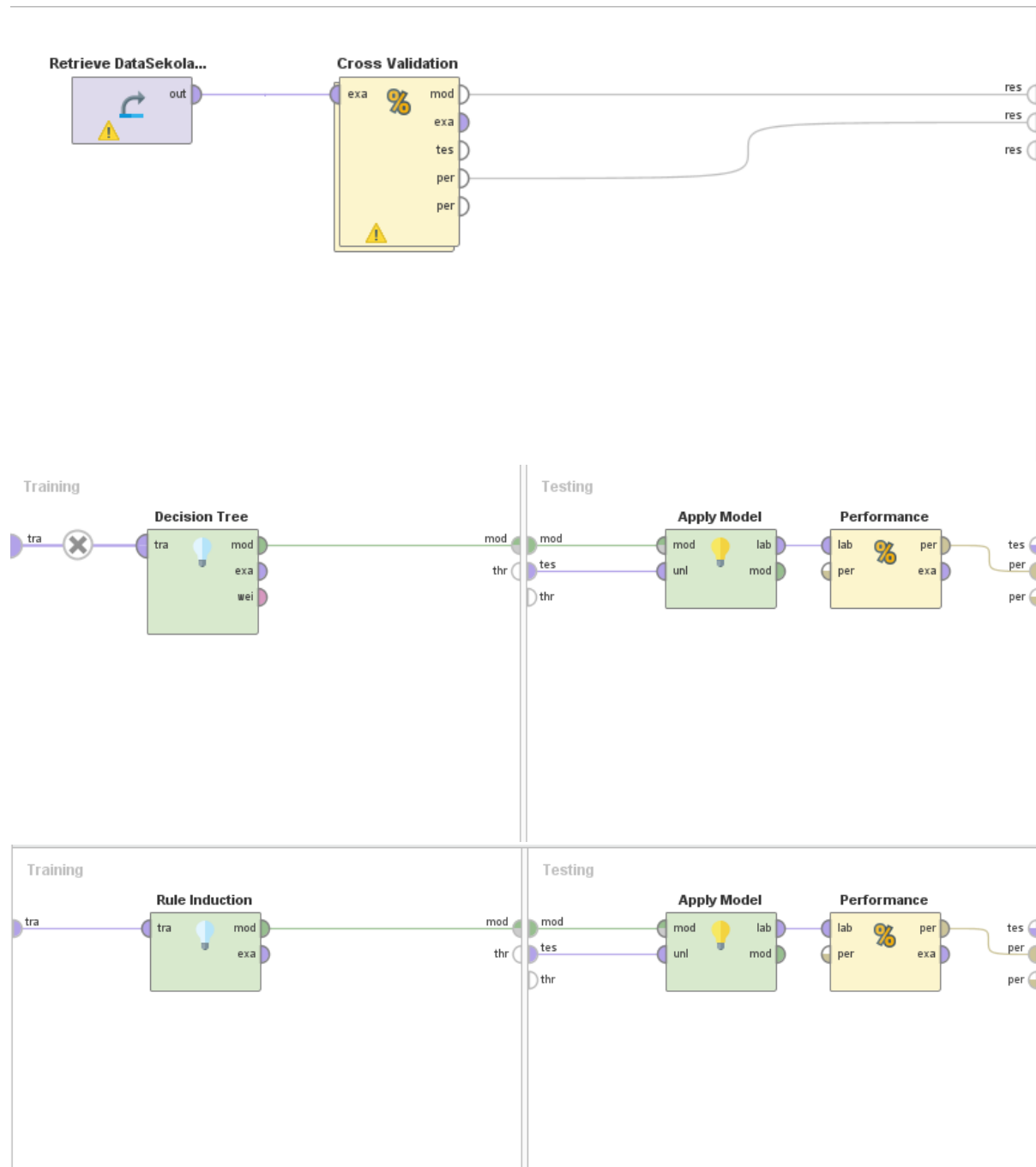
FrequentItemSets (FP-Growth)		AssociationRules (Create Association Rules)				
	Size	Support	Item 1	Item 2	Item 3	Item 4
4	1	0.500	Kelembaban_u...			
	1	0.429	Berangin			
	1	0.429	Suhu			
	1	0.357	Cuaca = Cerah			
	1	0.357	Cuaca = Hujan			
W	1	0.286	Cuaca = Mendu...			
	2	0.214	Kelembaban_u...	Berangin		
	2	0.214	Kelembaban_u...	Suhu		
	2	0.214	Kelembaban_u...	Cuaca = Cerah		
	2	0.143	Kelembaban_u...	Cuaca = Hujan		
	2	0.143	Kelembaban_u...	Cuaca = Mendu...		
	2	0.143	Berangin	Suhu		
	2	0.143	Berangin	Cuaca = Cerah		

No.	Premises	Conclusion	Support	Confidence
1	Berangin, Suhu	Cuaca = Cerah	0.143	1
2	Berangin, Cuaca = Cerah	Suhu	0.143	1
3	Kelembaban_udara, Berangin, Suhu	Cuaca = Cerah	0.071	1
4	Kelembaban_udara, Berangin, Cuaca = Cerah	Suhu	0.071	1



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TUGAS



RuleModel

```
if RERATA_SKS > 18.500 then TEPAT (2 / 10)
if GENDER = PRIA then TERLAMBAT (4 / 0)
if JURUSAN_SMA = IPA then TEPAT (0 / 2)
if JURUSAN_SMA = IPS then TERLAMBAT (1 / 0)
else TEPAT (0 / 0)
```

correct: 17 out of 19 training examples.

☒ Table View ☐ Plot View

accuracy: 65.00% +/- 32.02% (micro average: 65.00%)

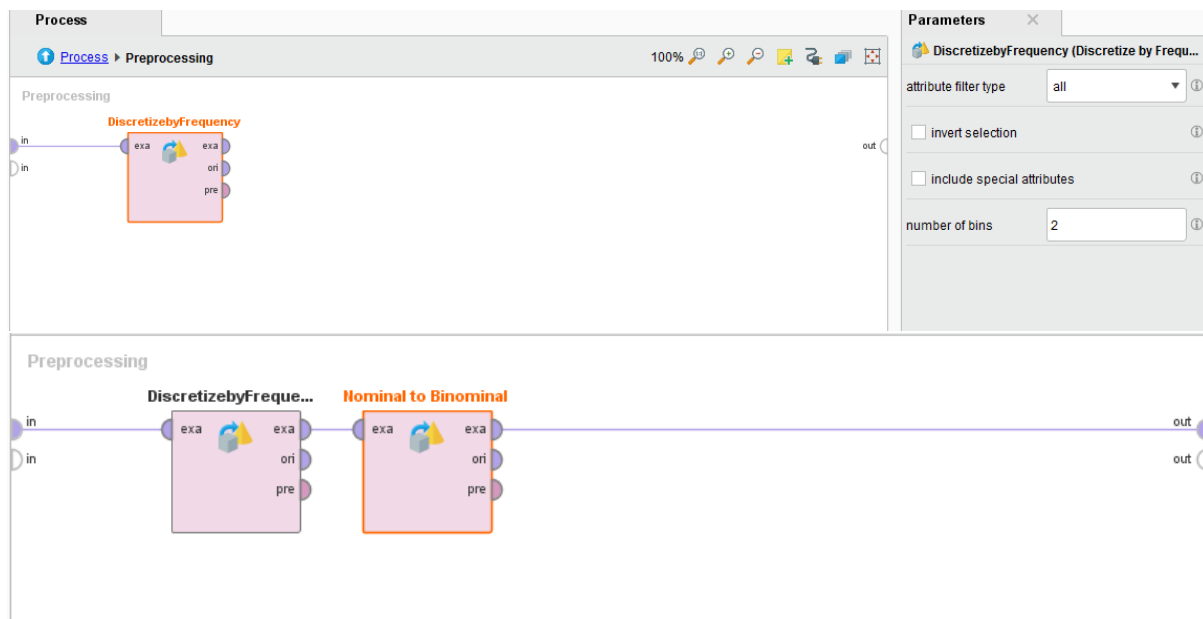
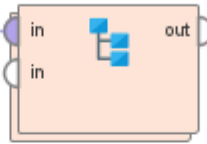
	true TERLAMBAT	true TEPAT	class precision
pred. TERLAMBAT	4	4	50.00%
pred. TEPAT	3	9	75.00%
class recall	57.14%	69.23%	

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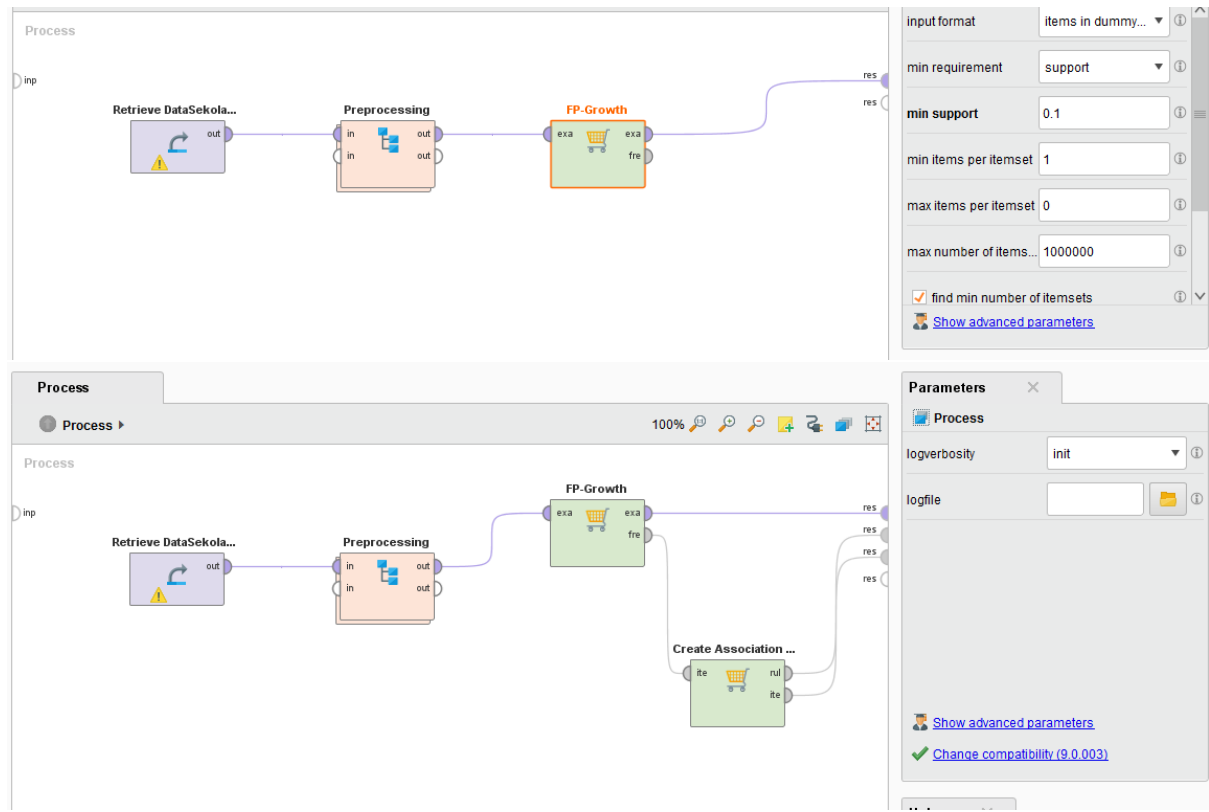
Retrieve DataSekolah_Training



Preprocessing



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No. of Sets: 55
Total Max. Size: 5

Min. Size:
Max. Size:
Contains Item:

Size	Support	Item 1	Item 2	Item 3	Item 4	Item 5
1	0.500	JURUSAN_SM...				
1	0.300	ASAL_SEKOLAH				
1	0.300	JURUSAN_SM...				
1	0.250	ASISTEN				
1	0.250	RERATA_SKS				
1	0.200	JURUSAN_SM...				
2	0.350	GENDER	JURUSAN_SM...			
2	0.250	GENDER	ASAL_SEKOLAH			
2	0.250	GENDER	JURUSAN_SM...			
2	0.200	GENDER	ASISTEN			
2	0.250	GENDER	RERATA_SKS			
2	0.150	GENDER	JURUSAN_SM...			
2	0.150	JURUSAN SM...	ASAL SEKOLAH			

No. of Sets: 55	Size	Support	Item 1	Item 2	Item 3	Item 4	Item 5
Total Max. Size: 5	2	0.200	JURUSAN_SM...	ASISTEN			
Min. Size: 1	2	0.100	JURUSAN_SM...	RERATA_SKS			
Max. Size: 5	2	0.100	ASAL_SEKOLAH	JURUSAN_SM...			
Contains Item:	2	0.150	ASAL_SEKOLAH	ASISTEN			
	2	0.150	ASAL_SEKOLAH	RERATA_SKS			
Update View	2	0.050	ASAL_SEKOLAH	JURUSAN_SM...			
	2	0.100	JURUSAN_SM...	RERATA_SKS			
	2	0.150	ASISTEN	RERATA_SKS			
	2	0.050	ASISTEN	JURUSAN_SM...			
	2	0.050	RERATA_SKS	JURUSAN_SM...			
	3	0.100	GENDER	JURUSAN_SM...	ASAL_SEKOLAH		
	3	0.150	GENDER	JURUSAN_SM...	ASISTEN		
	3	0.100	GENDER	JURUSAN_SM...	RERATA_SKS		

Size	Support	Item 1	Item 2	Item 3	Item 4	Item 5
3	0.050	ASISTEN	RERATA_SKS	JURUSAN_SM...		
4	0.050	GENDER	JURUSAN_SM...	ASAL_SEKOLAH	ASISTEN	
4	0.050	GENDER	JURUSAN_SM...	ASAL_SEKOLAH	RERATA_SKS	
4	0.100	GENDER	JURUSAN_SM...	ASISTEN	RERATA_SKS	
4	0.050	GENDER	ASAL_SEKOLAH	JURUSAN_SM...	RERATA_SKS	
4	0.100	GENDER	ASAL_SEKOLAH	ASISTEN	RERATA_SKS	
4	0.050	GENDER	ASAL_SEKOLAH	ASISTEN	JURUSAN_SM...	
4	0.050	GENDER	ASAL_SEKOLAH	RERATA_SKS	JURUSAN_SM...	
4	0.050	GENDER	ASISTEN	RERATA_SKS	JURUSAN_SM...	
4	0.050	JURUSAN_SM...	ASAL_SEKOLAH	ASISTEN	RERATA_SKS	
4	0.050	ASAL_SEKOLAH	ASISTEN	RERATA_SKS	JURUSAN_SM...	
5	0.050	GENDER	JURUSAN_SM...	ASAL_SEKOLAH	ASISTEN	RERATA_SKS
5	0.050	GENDER	ASAL_SEKOLAH	ASISTEN	RERATA_SKS	JURUSAN_SM...

No.	Premises	Conclusion	Support	Confide...	LaPlace	Gain	p-s	Lif
3	ASAL_SEKOLAH	GENDER	0.250	0.833	0.962	-0.350	0.025	1.1
4	JURUSAN_SMA = IPS	GENDER	0.250	0.833	0.962	-0.350	0.025	1.1
5	RERATA_SKS	GENDER	0.250	1	1	-0.250	0.062	1.3
6	JURUSAN_SMA = IPA, RE...	GENDER	0.100	1	1	-0.100	0.025	1.3
7	ASAL_SEKOLAH, JURUS...	GENDER	0.100	1	1	-0.100	0.025	1.3
8	ASAL_SEKOLAH, RERAT...	GENDER	0.150	1	1	-0.150	0.038	1.3
9	ASAL_SEKOLAH, JURUS...	GENDER	0.050	1	1	-0.050	0.012	1.3
10	JURUSAN_SMA = IPS, RE...	GENDER	0.100	1	1	-0.100	0.025	1.3
11	ASISTEN, RERATA_SKS	GENDER	0.150	1	1	-0.150	0.038	1.3
12	ASISTEN, JURUSAN_SMA...	GENDER	0.050	1	1	-0.050	0.012	1.3
13	RERATA_SKS, JURUSAN...	GENDER	0.050	1	1	-0.050	0.012	1.3
14	JURUSAN_SMA = IPA, RE...	ASISTEN	0.100	1	1	-0.100	0.075	4

Size	Support	Item 1	Item 2	Item 3	Item 4	Item 5
1	0.750	GENDER				
1	0.500	JURUSAN_SM...				
1	0.400	RERATA_SKS ...				
1	0.350	RERATA_SKS ...				
1	0.300	ASAL_SEKOLAH				
1	0.300	JURUSAN_SM...				
1	0.250	ASISTEN				
1	0.250	RERATA_SKS ...				
1	0.200	JURUSAN_SM...				
2	0.350	GENDER	JURUSAN_SM...			
2	0.200	GENDER	RERATA_SKS ...			
2	0.300	GENDER	RERATA_SKS ...			
2	0.250	GENDER	ASAL_SEKOLAH			

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No.	Premises	Conclusion
3	ASAL_SEKOLAH	GENDER
4	JURUSAN_SMA = IPS	GENDER
5	RERATA_SKS = range2 [18.500 - 19.500]	GENDER
6	RERATA_SKS = range3 [19.500 - ∞]	GENDER
7	JURUSAN_SMA = IPA, RERATA_SKS = range3 [19...	GENDER
8	RERATA_SKS = range2 [18.500 - 19.500], JURUS...	GENDER
9	RERATA_SKS = range2 [18.500 - 19.500], ASISTEN	GENDER
10	RERATA_SKS = range2 [18.500 - 19.500], JURUS...	GENDER
11	ASAL_SEKOLAH, JURUSAN_SMA = IPS	GENDER
12	ASAL_SEKOLAH, RERATA_SKS = range3 [19.500 ...	GENDER
13	ASAL_SEKOLAH, JURUSAN_SMA = LAIN	GENDER
14	JURUSAN_SMA = IPS, RERATA_SKS = range3 [1...	GENDER