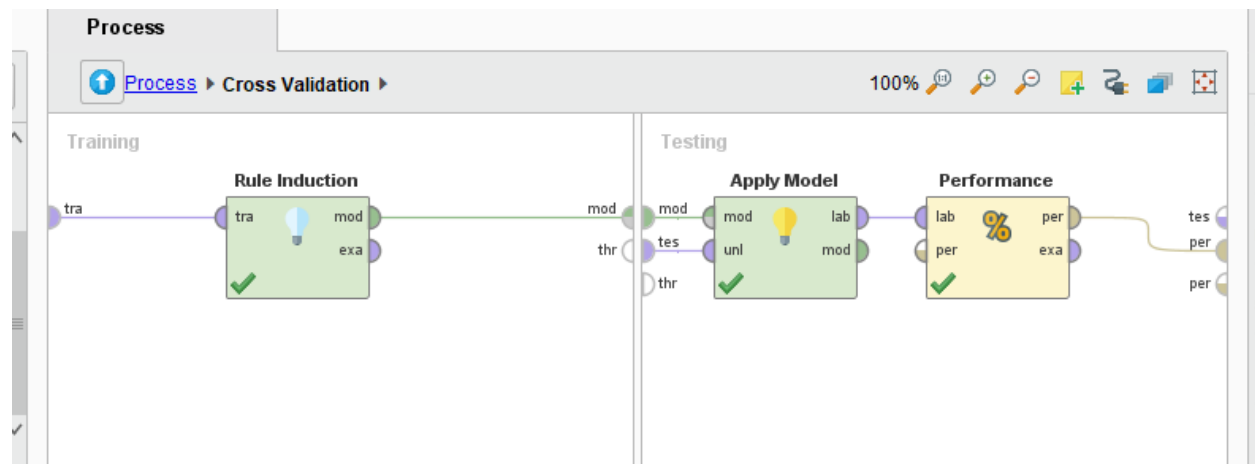
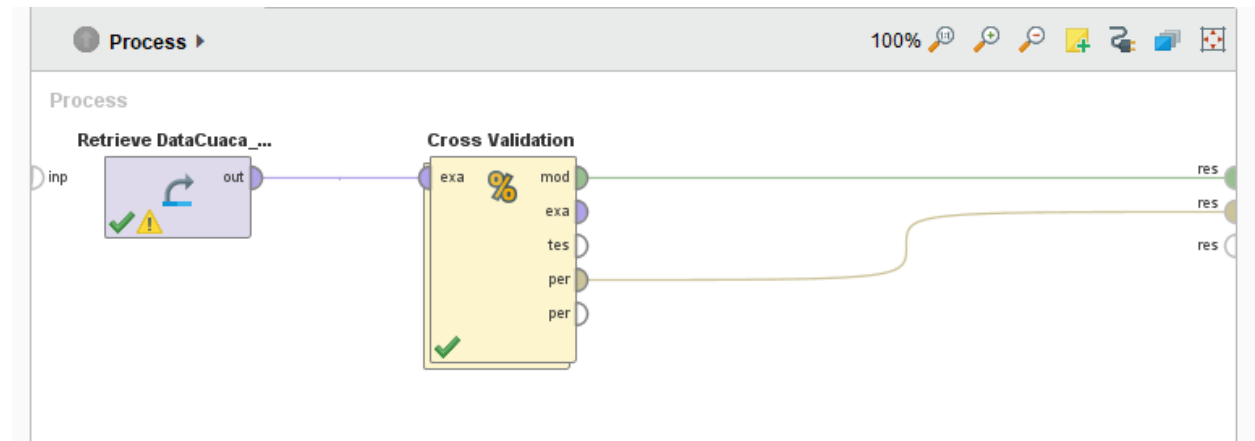


Nama : Ikhwan Fahmi T

NIM : L200170174

Modul : 11

Induksi Aliran Data Cuaca



☒ Table View
 ☐ Plot View

accuracy: 70.00% +/- 42.16% (micro average: 71.43%)

	true TIDAK	true YA	class precision
pred. TIDAK	1	0	100.00%
pred. YA	4	9	69.23%
class recall	20.00%	100.00%	

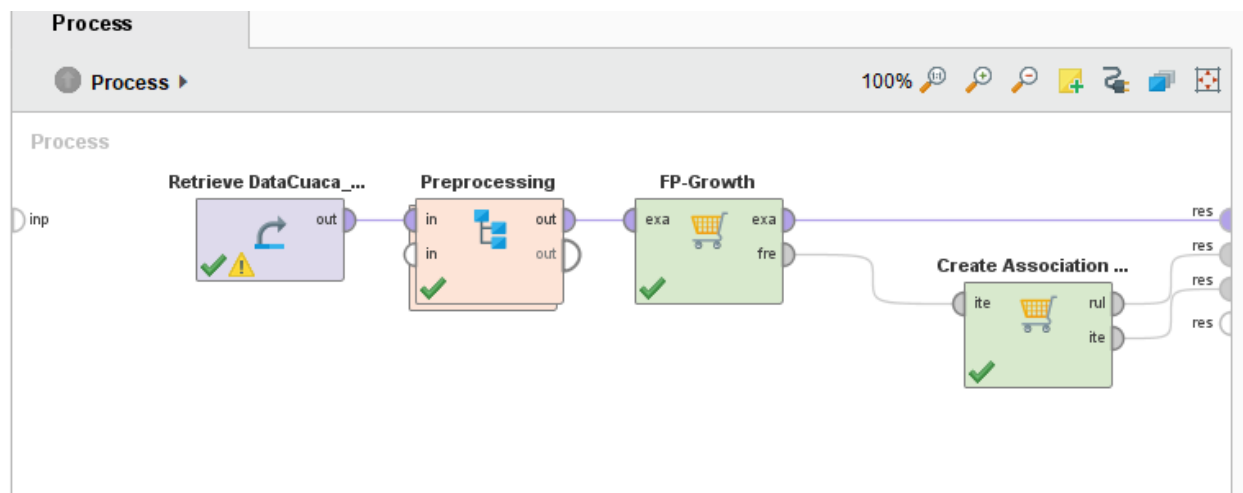
tion
 ions

RuleModel

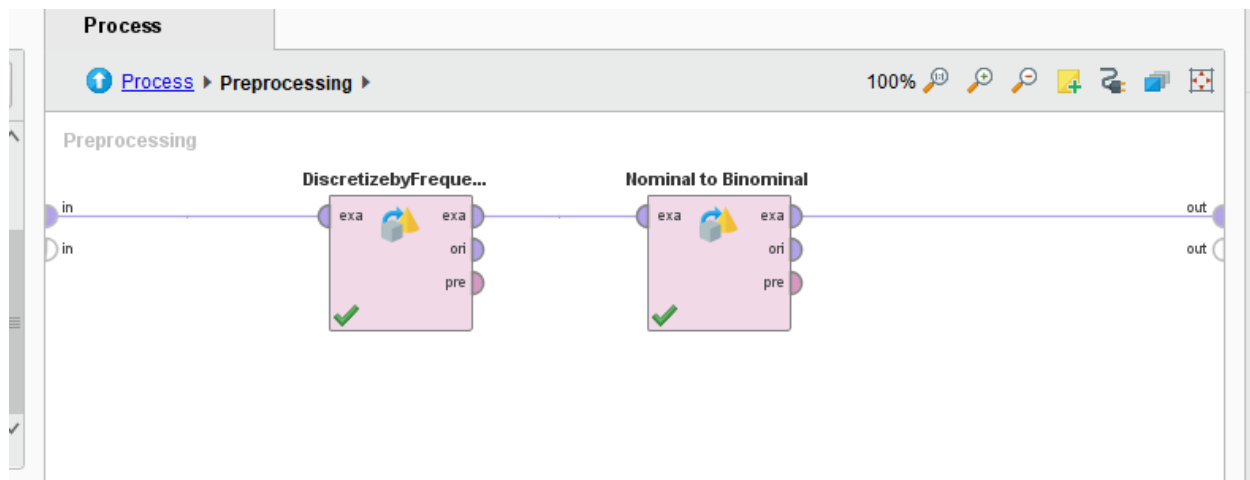
else YA (4 / 8)

correct: 8 out of 12 training examples.

Aturan Asosiasi Data Cuaca



Preprocessing



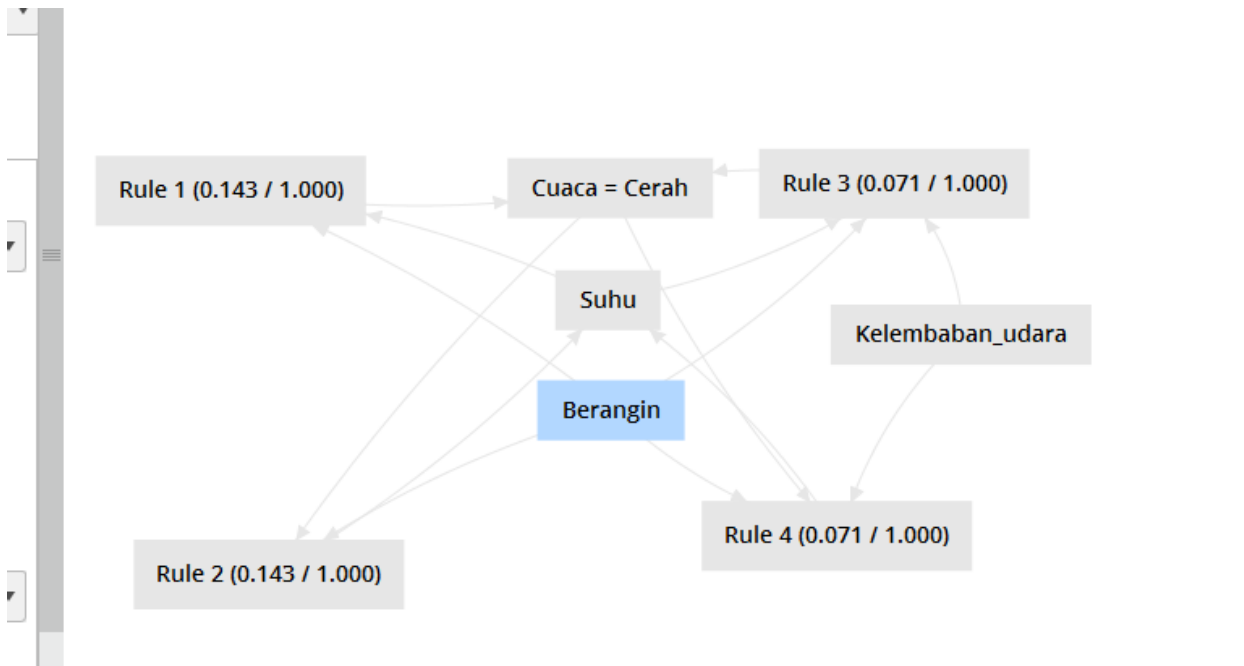
Frequent Item Set

Size	Support	Item 1	Item 2	Item 3	Item 4
1	0.500	Kelembaban_udara			
1	0.429	Berangin			
1	0.429	Suhu			
1	0.357	Cuaca = Cerah			
1	0.357	Cuaca = Hujan			
1	0.286	Cuaca = Mendung			
2	0.214	Kelembaban_udara	Berangin		
2	0.214	Kelembaban_udara	Suhu		
2	0.214	Kelembaban_udara	Cuaca = Cerah		
2	0.143	Kelembaban_udara	Cuaca = Hujan		
2	0.143	Kelembaban_udara	Cuaca = Mendung		
2	0.143	Berangin	Suhu		
2	0.143	Berangin	Cuaca = Cerah		
2	0.143	Berangin	Cuaca = Hujan		
2	0.143	Berangin	Cuaca = Mendung		

Association Rules

FrequentItemSets (FP-Growth)			
No.	Premises	Conclusion	Support
1	Berangin, Suhu	Cuaca = Cerah	0.143
2	Berangin, Cuaca = Cerah	Suhu	0.143
3	Kelembaban_udara, Berangin, Suhu	Cuaca = Cerah	0.071
4	Kelembaban_udara, Berangin, Cuaca = Cerah	Suhu	0.071

Graph View

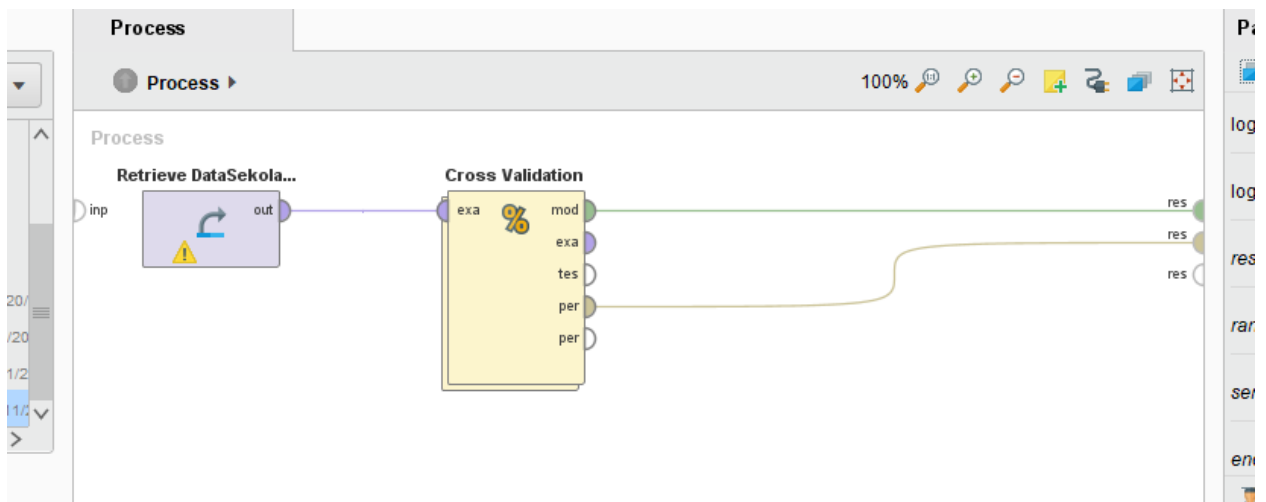


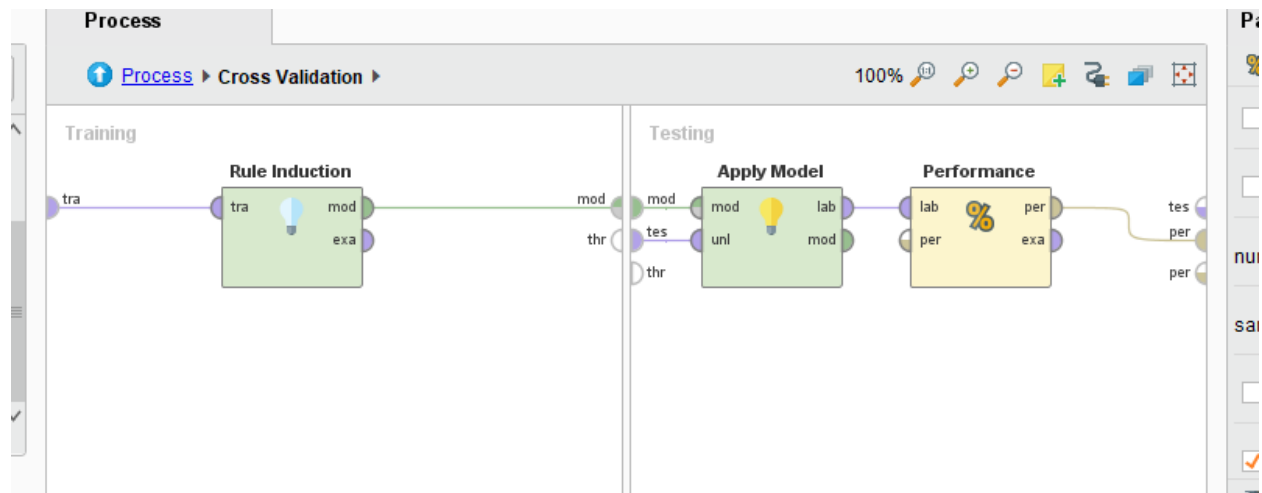
Example Set



Tugas

1





PerformanceVector (Performance) | RuleModel (Rule Induction)

☒ Table View ☐ Plot View

accuracy: 60.00% +/- 31.62% (micro average: 60.00%)

	true TERLAMBAT	true TEPAT	class precision
pred. TERLAMBAT	0	1	0.00%
pred. TEPAT	7	12	63.16%
class recall	0.00%	92.31%	

History | PerformanceVector (Performance) | RuleModel (Rule Induction)

RuleModel

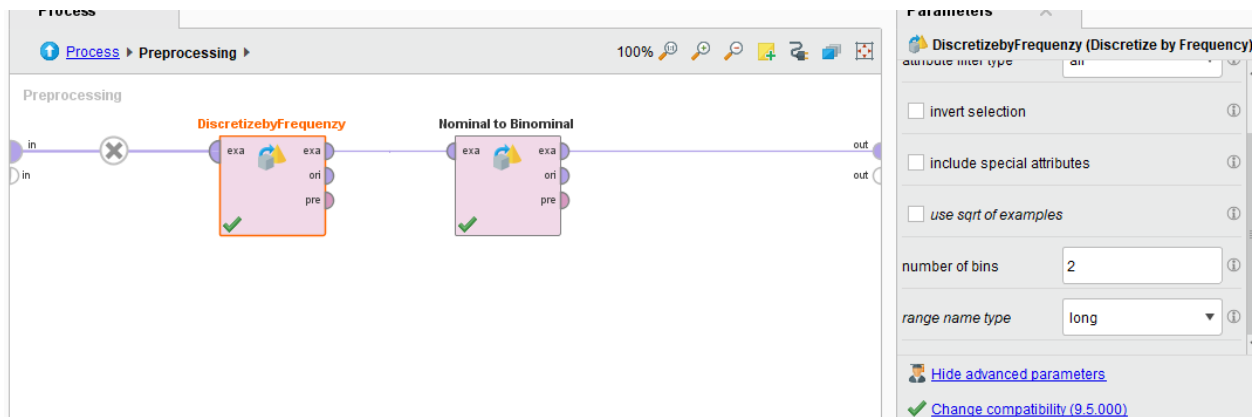
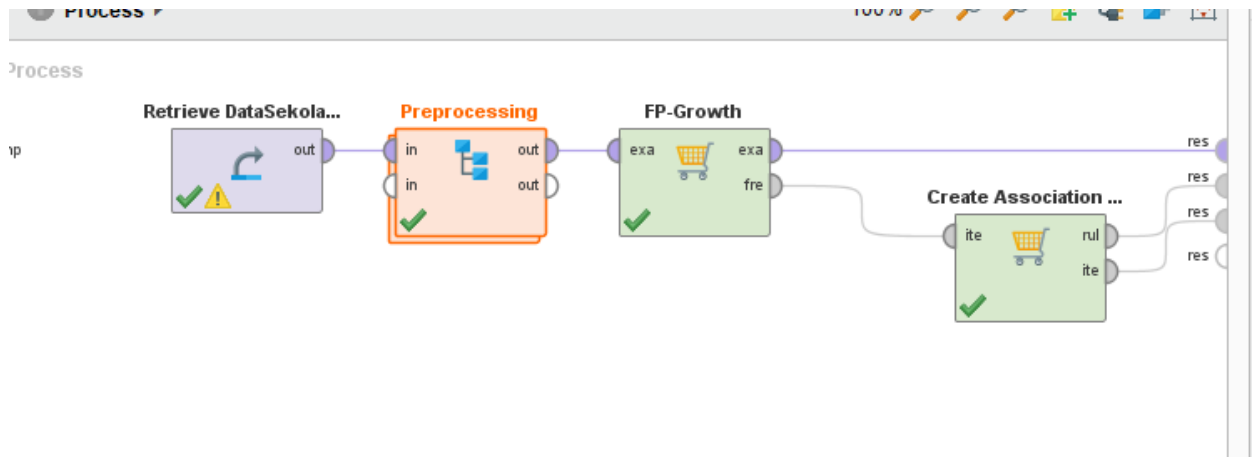
```

if Asisten = YA then TEPAT (0 / 5)
if Rerata_SKS > 19.500 then TEPAT (0 / 2)
else TERLAMBAT (6 / 5)

correct: 13 out of 18 training examples.
  
```

2

a) Number Of Bin : 2



FP Growth

e: 5

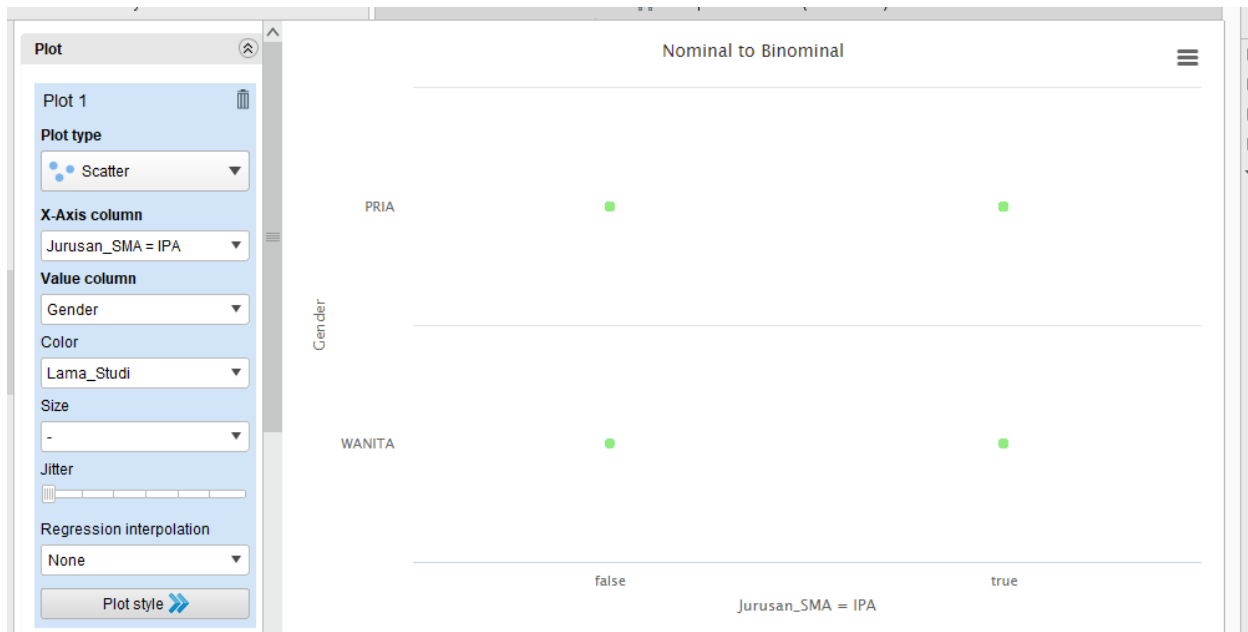
view

Size	Support	Item 1	Item 2	Item 3	Item 4	Item 5
1	0.750	Gender				
1	0.500	Jurusan_SMA = ...				
1	0.300	Asal_Sekolah				
1	0.300	Jurusan_SMA = ...				
1	0.250	Asisten				
1	0.250	Rerata_SKS				
1	0.200	Jurusan_SMA = ...				
2	0.350	Gender	Jurusan_SMA = ...			
2	0.250	Gender	Asal_Sekolah			
2	0.250	Gender	Jurusan_SMA = ...			
2	0.200	Gender	Asisten			
2	0.250	Gender	Rerata_SKS			
2	0.150	Gender	Jurusan_SMA = ...			
2	0.150	Jurusan_SMA = ...	Asal_Sekolah			
2	0.200	Jurusan_SMA = ...	Asisten			

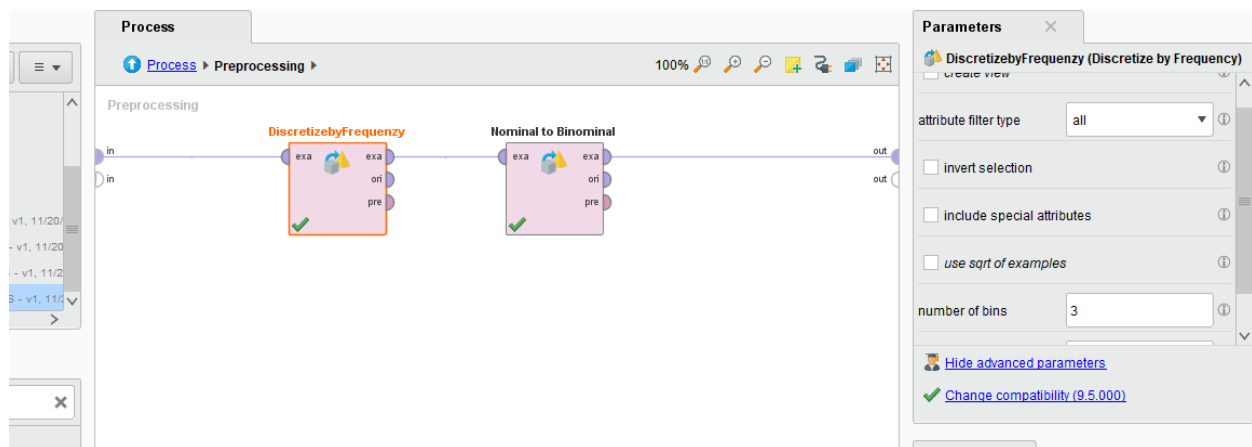
Association Rules

No.	Premises	Conclusion	Support
52	Gender, Jurusan_SMA = IPA, Asal_Sekolah, Rerat...	Asisten	0.050
53	Jurusan_SMA = IPA, Asal_Sekolah, Asisten, Rerat...	Gender	0.050
54	Asal_Sekolah, Jurusan_SMA = LAIN	Gender, Asisten, Rerata_SKS	0.050
55	Gender, Asal_Sekolah, Jurusan_SMA = LAIN	Asisten, Rerata_SKS	0.050
56	Asisten, Jurusan_SMA = LAIN	Gender, Asal_Sekolah, Rerata_SKS	0.050
57	Gender, Asisten, Jurusan_SMA = LAIN	Asal_Sekolah, Rerata_SKS	0.050
58	Asal_Sekolah, Asisten, Jurusan_SMA = LAIN	Gender, Rerata_SKS	0.050
59	Gender, Asal_Sekolah, Asisten, Jurusan_SMA = L...	Rerata_SKS	0.050
60	Rerata_SKS, Jurusan_SMA = LAIN	Gender, Asal_Sekolah, Asisten	0.050
61	Gender, Rerata_SKS, Jurusan_SMA = LAIN	Asal_Sekolah, Asisten	0.050
62	Asal_Sekolah, Rerata_SKS, Jurusan_SMA = LAIN	Gender, Asisten	0.050
63	Gender, Asal_Sekolah, Rerata_SKS, Jurusan_SM...	Asisten	0.050
64	Asisten, Rerata_SKS, Jurusan_SMA = LAIN	Gender, Asal_Sekolah	0.050
65	Gender, Asisten, Rerata_SKS, Jurusan_SMA = LAIN	Asal_Sekolah	0.050
66	Asal_Sekolah, Asisten, Rerata_SKS, Jurusan_SM...	Gender	0.050

Grafik Chart



b) Number Of Bin : 3



FP Growth

Size	Support	Item 1	Item 2	Item 3	Item 4	Item 5
1	0.750	Gender				
1	0.500	Jurusan_SMA = ...				
1	0.400	Rerata_SKS = r...				
1	0.350	Rerata_SKS = r...				
1	0.300	Asal_Sekolah				
1	0.300	Jurusan_SMA = ...				
1	0.250	Asisten				
1	0.250	Rerata_SKS = r...				
1	0.200	Jurusan_SMA = ...				
2	0.350	Gender	Jurusan_SMA = ...			
2	0.200	Gender	Rerata_SKS = r...			
2	0.300	Gender	Rerata_SKS = r...			
2	0.250	Gender	Asal_Sekolah			
2	0.250	Gender	Jurusan_SMA = ...			
2	0.200	Gender	Asisten			

Association Rules

No.	Premises	Conclusion	Support
67	Gender, Jurusan_SMA = IPA, Asal_Sekolah, Rerat...	Asisten	0.050
68	Jurusan_SMA = IPA, Asal_Sekolah, Asisten, Rerat...	Gender	0.050
69	Asal_Sekolah, Jurusan_SMA = LAIN	Gender, Asisten, Rerata_SKS = range3 [19.500 - ∞]	0.050
70	Gender, Asal_Sekolah, Jurusan_SMA = LAIN	Asisten, Rerata_SKS = range3 [19.500 - ∞]	0.050
71	Asisten, Jurusan_SMA = LAIN	Gender, Asal_Sekolah, Rerata_SKS = range3 [19....	0.050
72	Gender, Asisten, Jurusan_SMA = LAIN	Asal_Sekolah, Rerata_SKS = range3 [19.500 - ∞]	0.050
73	Asal_Sekolah, Asisten, Jurusan_SMA = LAIN	Gender, Rerata_SKS = range3 [19.500 - ∞]	0.050
74	Gender, Asal_Sekolah, Asisten, Jurusan_SMA = L...	Rerata_SKS = range3 [19.500 - ∞]	0.050
75	Rerata_SKS = range3 [19.500 - ∞], Jurusan_SMA ...	Gender, Asal_Sekolah, Asisten	0.050
76	Gender, Rerata_SKS = range3 [19.500 - ∞], Jurus...	Asal_Sekolah, Asisten	0.050
77	Asal_Sekolah, Rerata_SKS = range3 [19.500 - ∞],...	Gender, Asisten	0.050
78	Gender, Asal_Sekolah, Rerata_SKS = range3 [19....	Asisten	0.050
79	Asisten, Rerata_SKS = range3 [19.500 - ∞], Jurus...	Gender, Asal_Sekolah	0.050
80	Gender, Asisten, Rerata_SKS = range3 [19.500 - ...	Asal_Sekolah	0.050
81	Asal_Sekolah, Asisten, Rerata_SKS = range3 [19....	Gender	0.050

Grafik Chart

