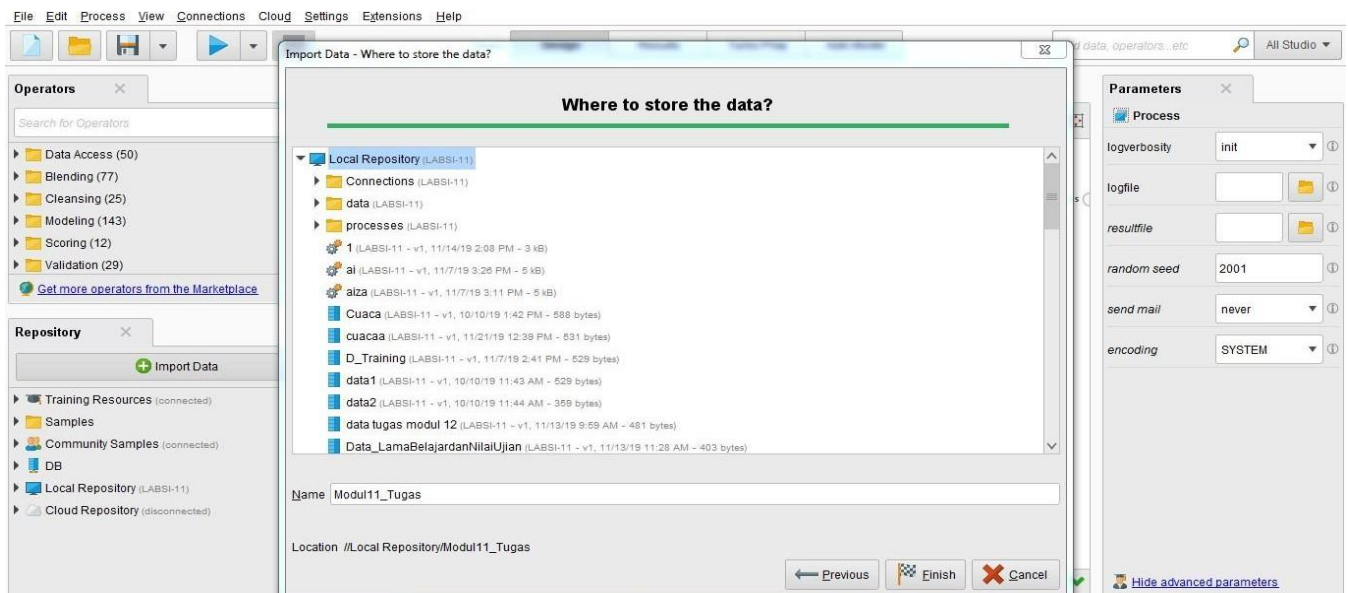
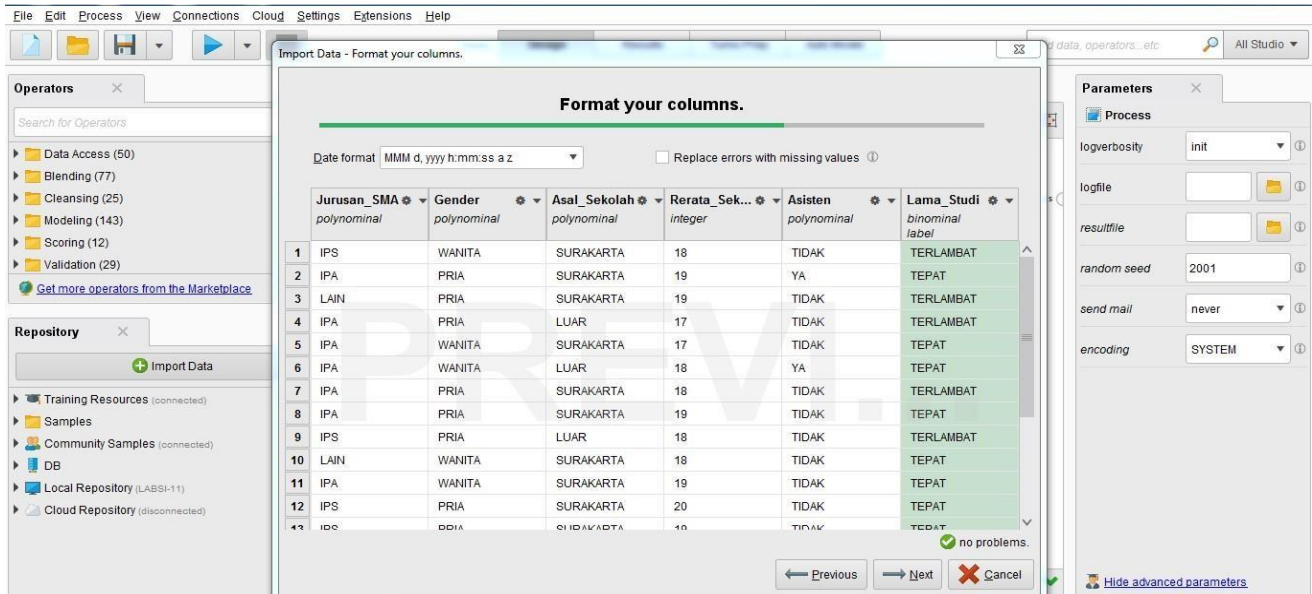


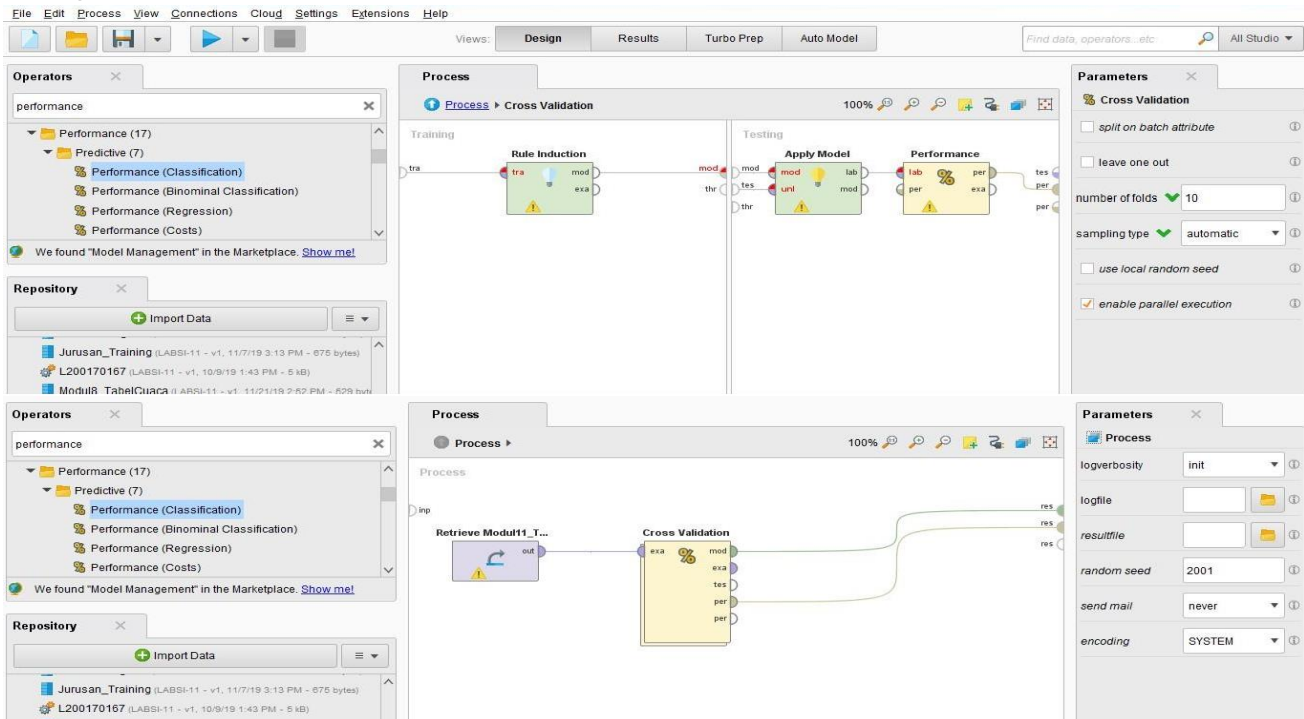
Nama : REZA MIFTAHUL RIZKI
NIM : L200170108

Tugas Modul 11

- Import file



- Design (Induction Rule dan nilai Performance Vector)



- Hasilnya

- Induction Rule

Result History: PerformanceVector (Performance) | RuleModel (Rule Induction) | ExampleSet (/Local Repository/Modul11_Tugas)

RuleModel

Description:

```

if Berata_Sekolah > 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)

```

Annotations:

correct: 17 out of 19 training examples.

- Performance Vector

Result History: PerformanceVector (Performance) | RuleModel (Rule Induction) | ExampleSet (/Local Repository/Modul11_Tugas)

Criterion: accuracy

Table View | Plot View

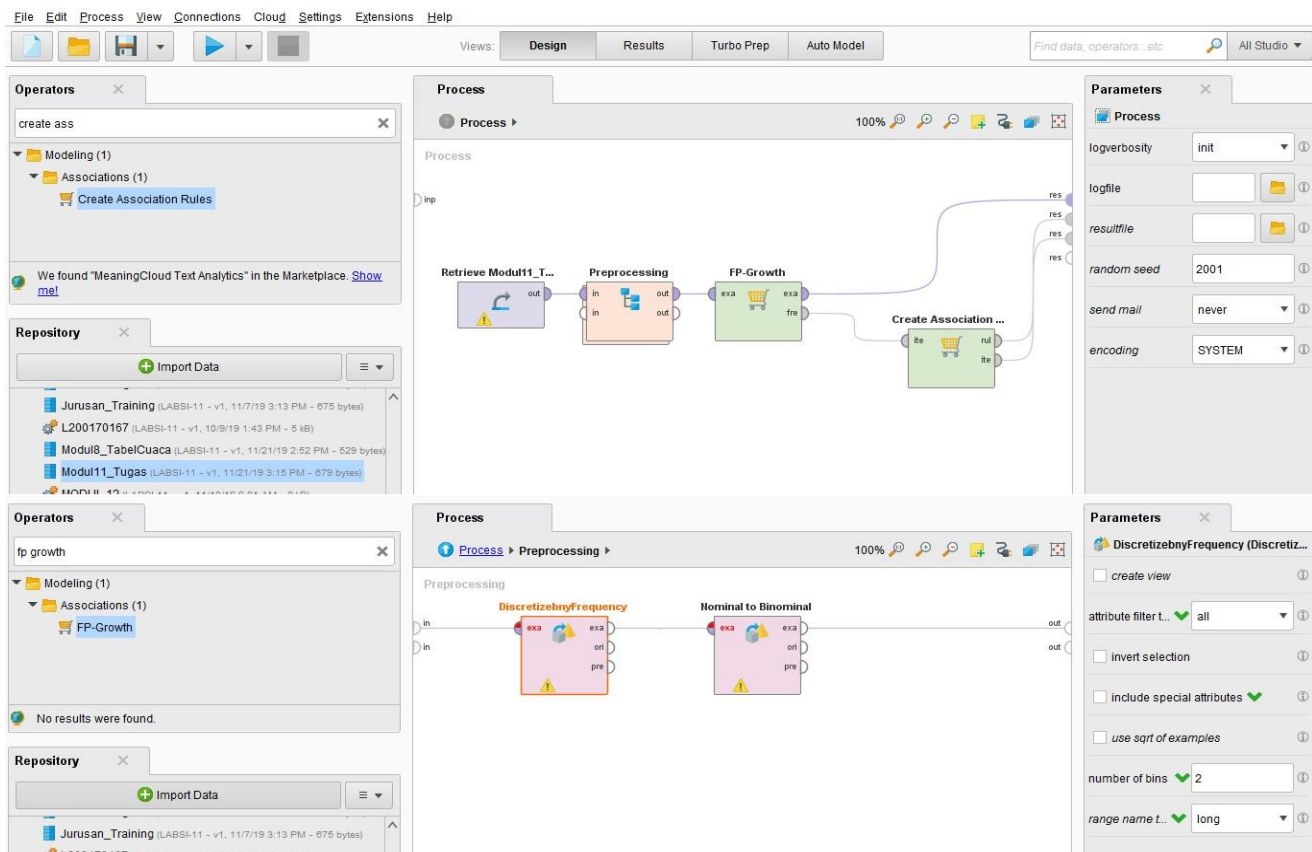
accuracy: 65.00% +/- 32.02% (micro average: 65.00%)

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

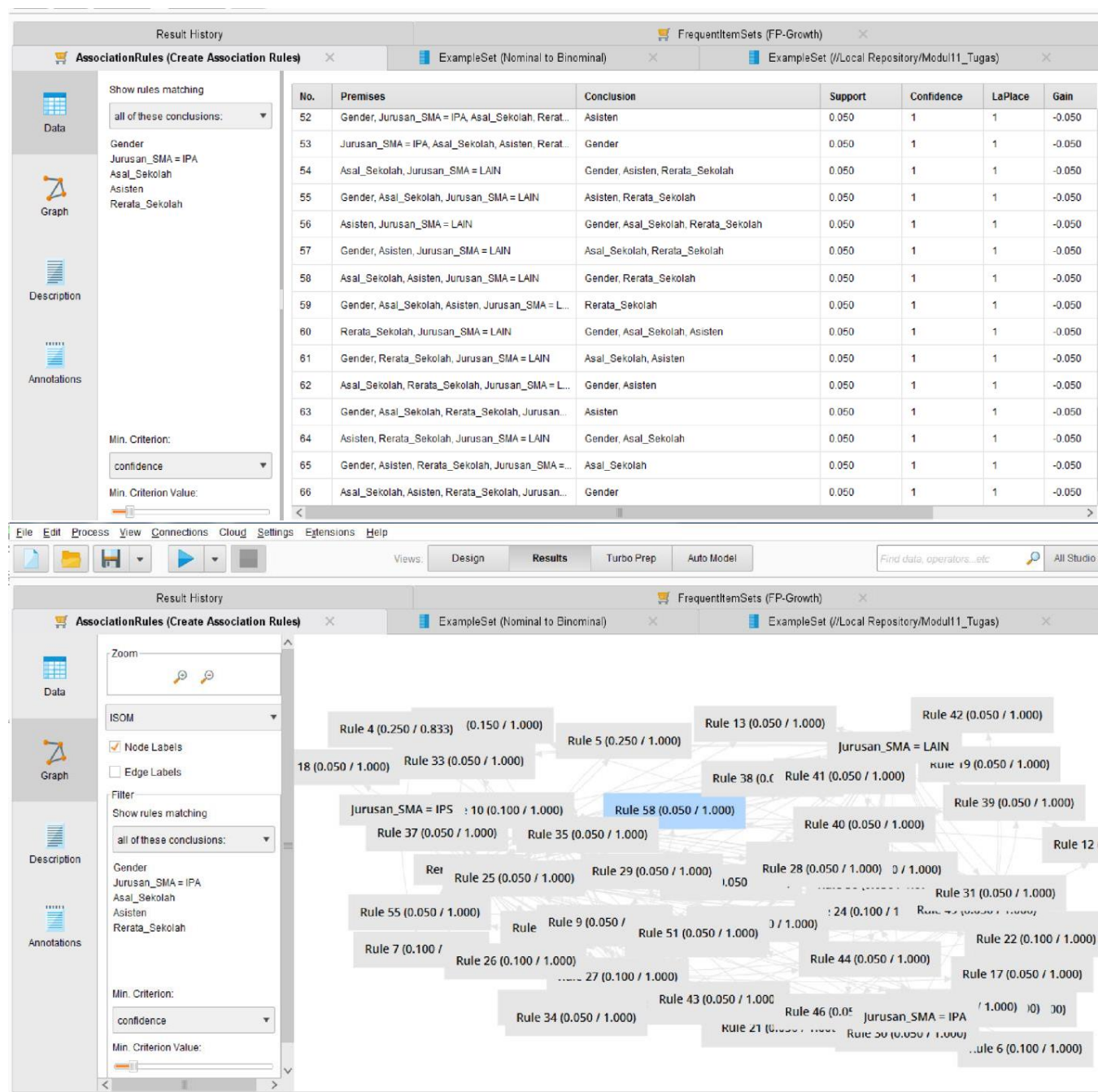
- Dengan Data Training yang sama , dengan ketentuan Discretize by Frequency: 1. number of bins = 2

✚ Jumlah set aturan dan total max size

Size	Support	Item 1	Item 2	Item 3	Item 4	Item 5
1	0.750	Gender				
1	0.500	Jurusan_SMA = IPA				
1	0.300	Asal_Sekolah				
1	0.300	Jurusan_SMA = IPS				
1	0.250	Asisten				
1	0.250	Rerata_Sekolah				
1	0.200	Jurusan_SMA = LAIN				
2	0.350	Gender	Jurusan_SMA = IPA			
2	0.250	Gender	Asal_Sekolah			
2	0.250	Gender	Jurusan_SMA = IPS			
2	0.200	Gender	Asisten			
2	0.250	Gender	Rerata_Sekolah			
2	0.150	Gender	Jurusan_SMA = LAIN			
2	0.150	Jurusan_SMA = IPA	Asal_Sekolah			
2	0.200	Jurusan_SMA = IPA	Asisten			

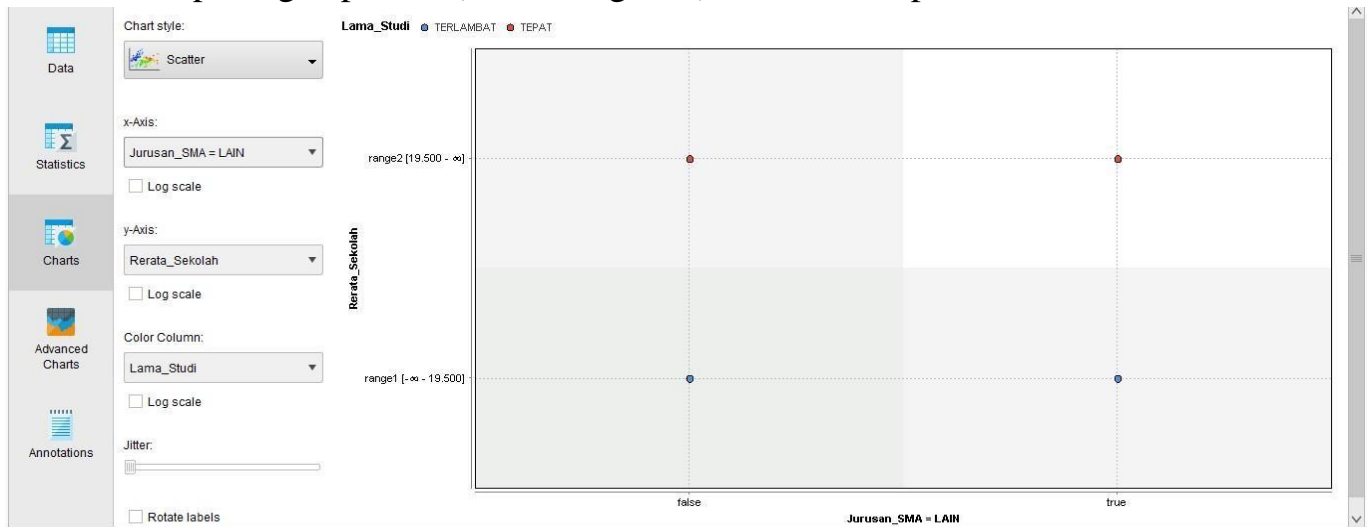


2. Hasilnya

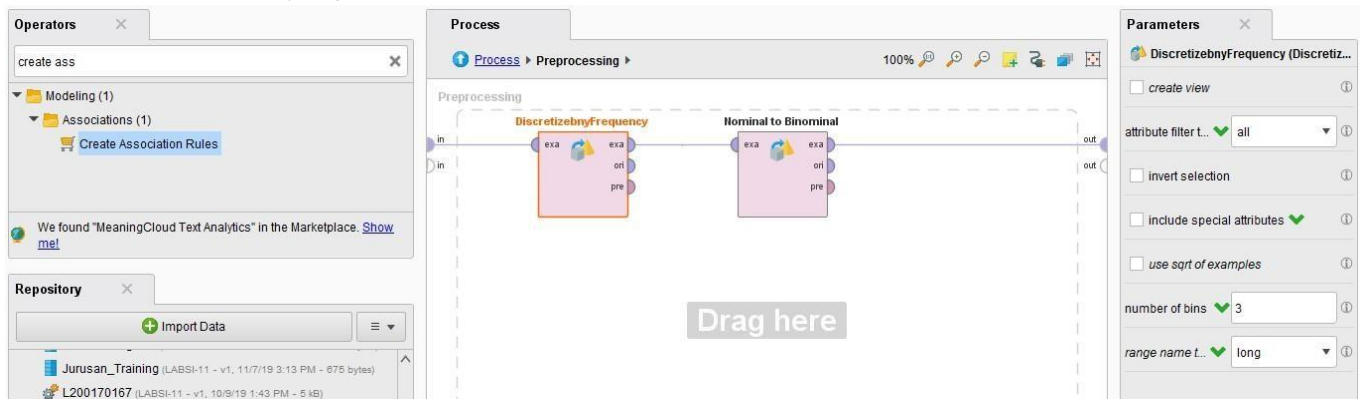




Jumlah data pasangan premis (table dan grafik) Grafik chart pola distribusi



- Dengan data training yang sama, dengan ketentuan Discretize by Frequency: 1. number of bins selain 2 (saya gunakan 3)



2. Hasilnya



Jumlah set aturan dan total max size

AssociationRules (Create Association Rules)

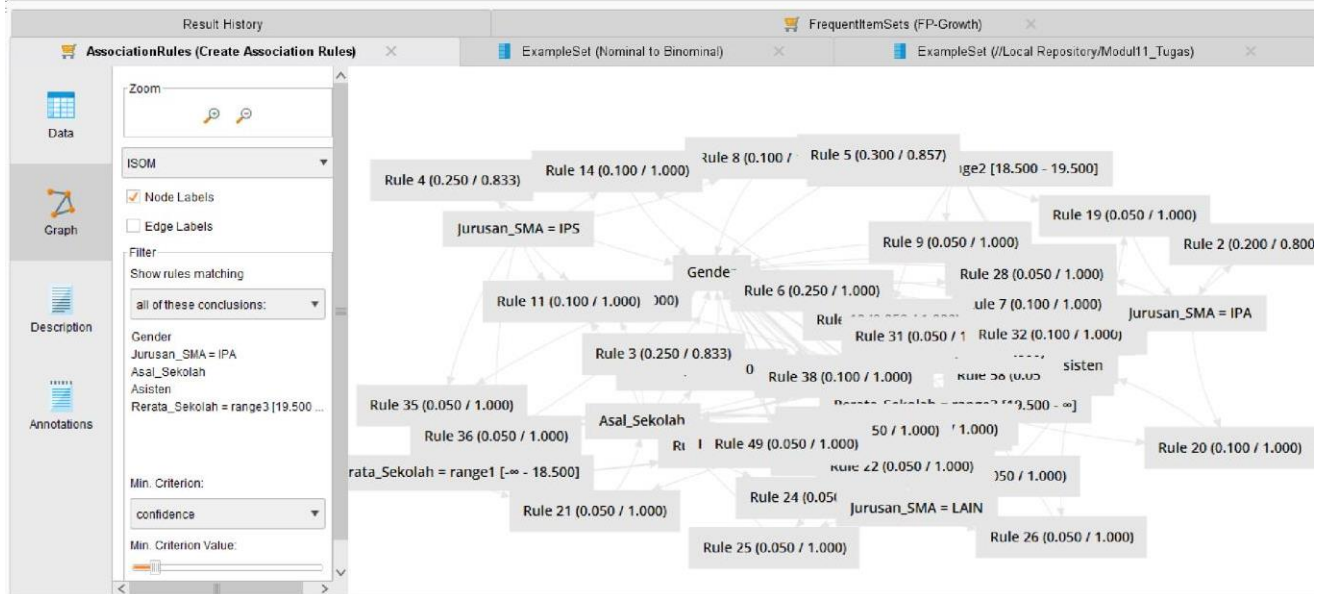
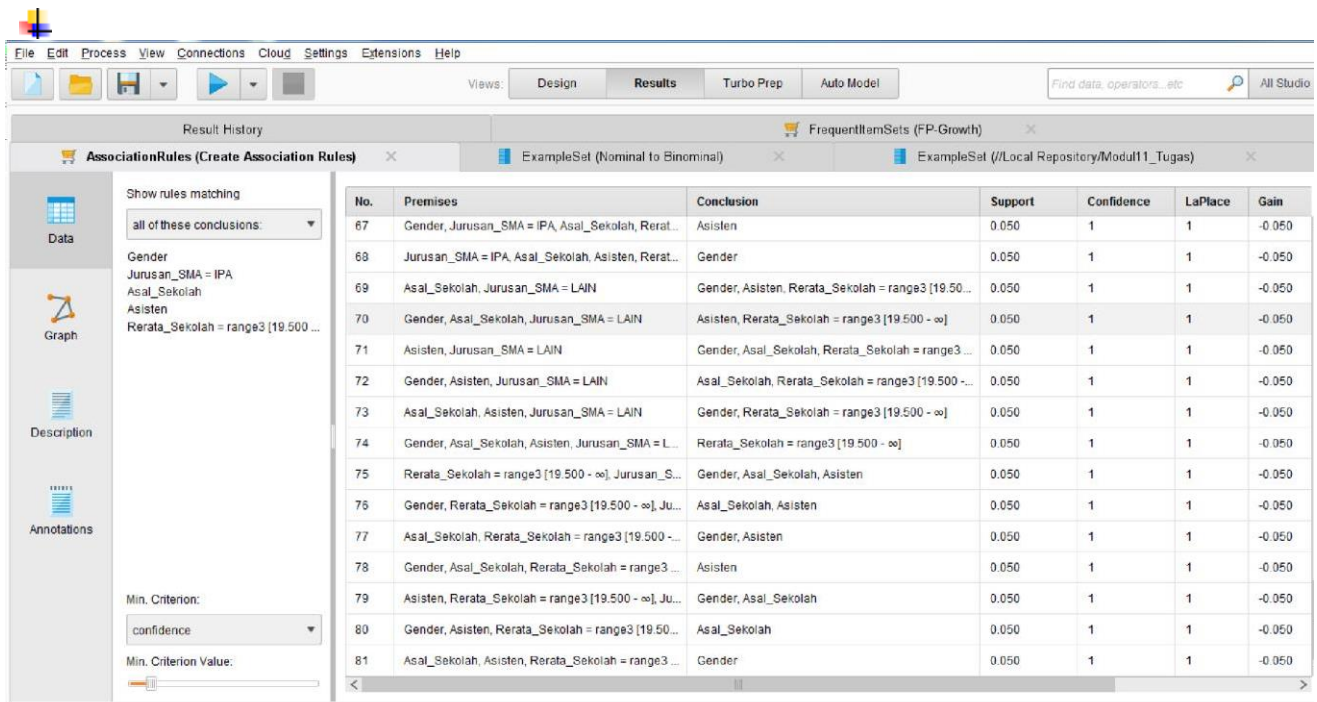
ExampleSet (Nominal to Binomial)

ExampleSet (/Local Repository/Modul11_Tugas)

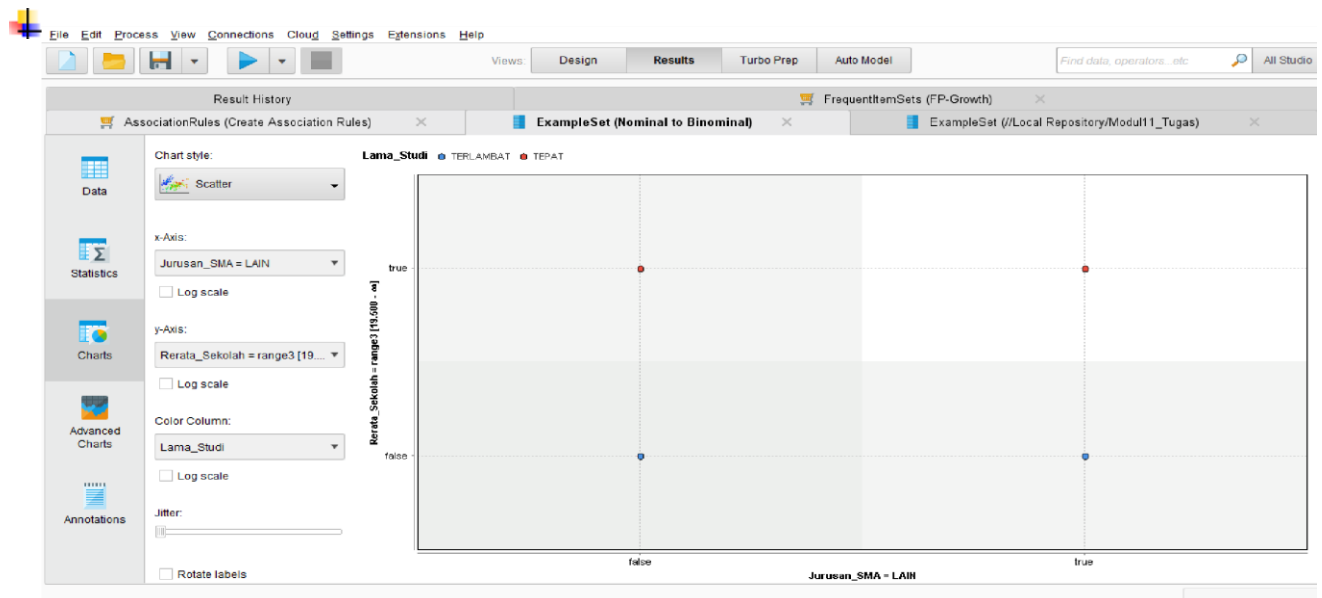
Result History

FrequentItemSets (FP-Growth)

No. of Sets: 85	Total Max. Size: 5	Size	Support	Item 1	Item 2	Item 3	Item 4	Item 5
Min. Size: 1	Max. Size: 5	1	0.750	Gender				
Contains Item:	Update View	1	0.500	Jurusan_SMA = IPA				
		1	0.400	Rerata_Sekolah = rang...				
		1	0.350	Rerata_Sekolah = rang...				
		1	0.300	Asal_Sekolah				
		1	0.300	Jurusan_SMA = IPS				
		1	0.250	Asisten				
		1	0.250	Rerata_Sekolah = rang...				



Jumlah data pasangan premis (table dan grafik)



Grafik chart pola distribusi