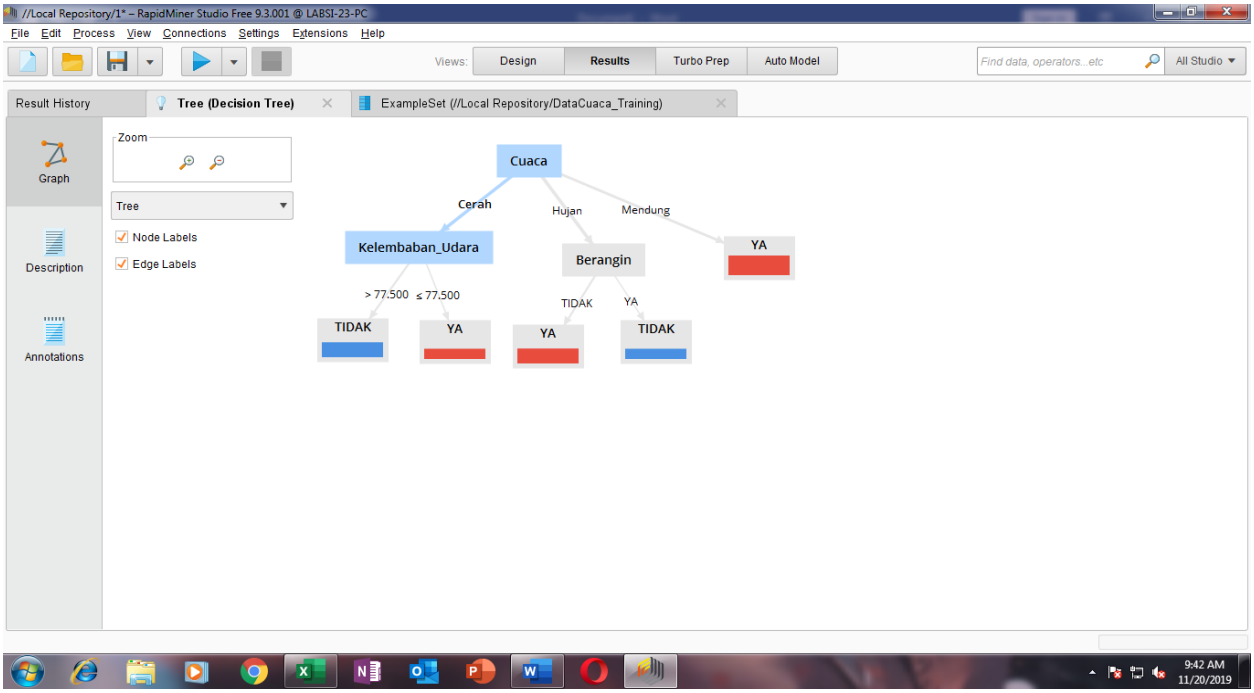
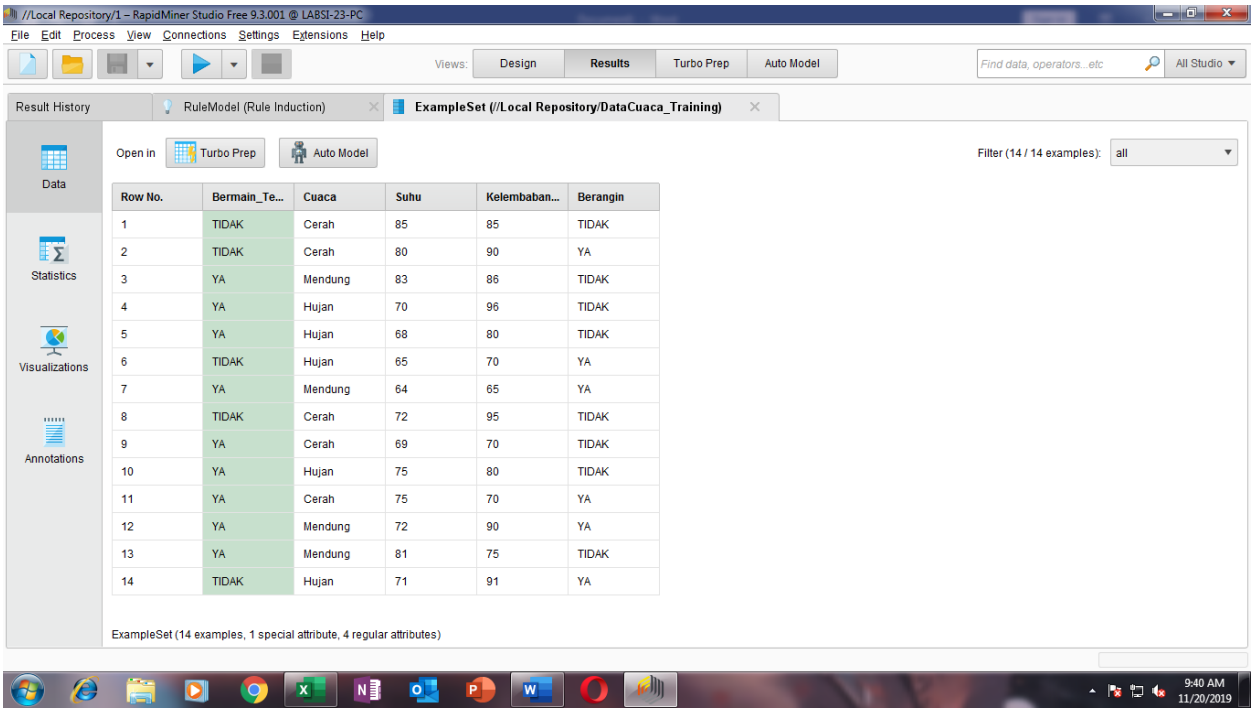
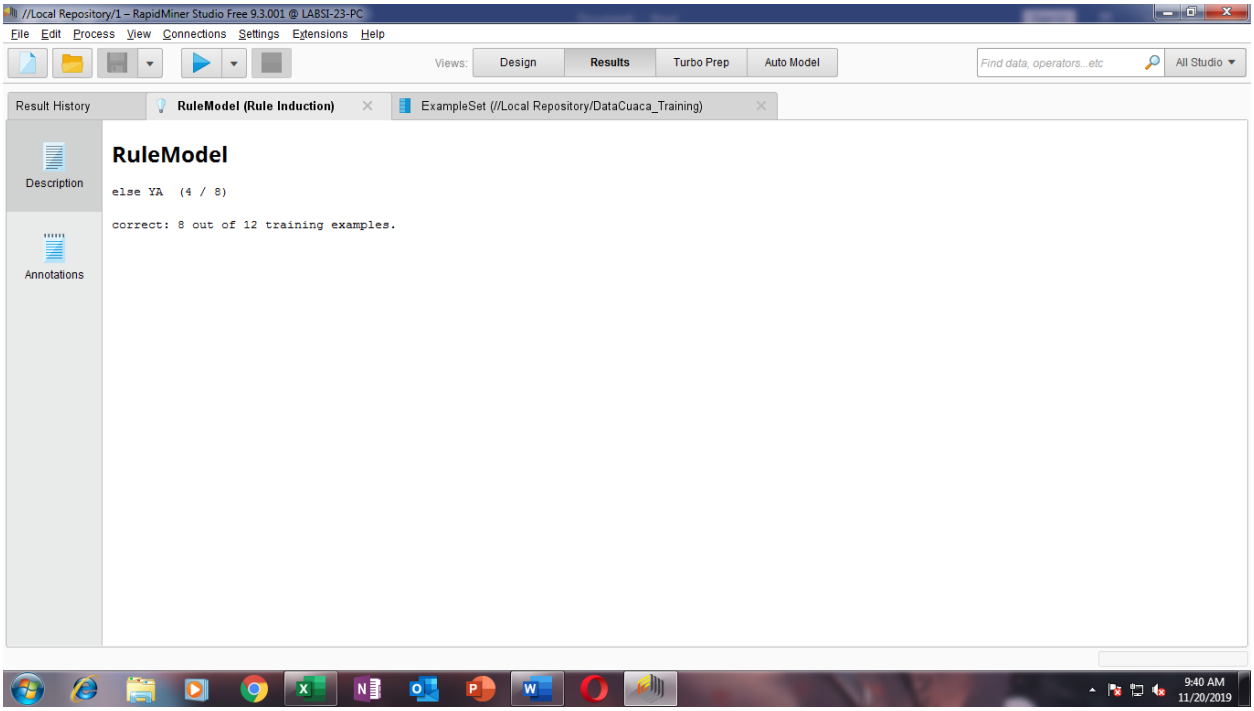
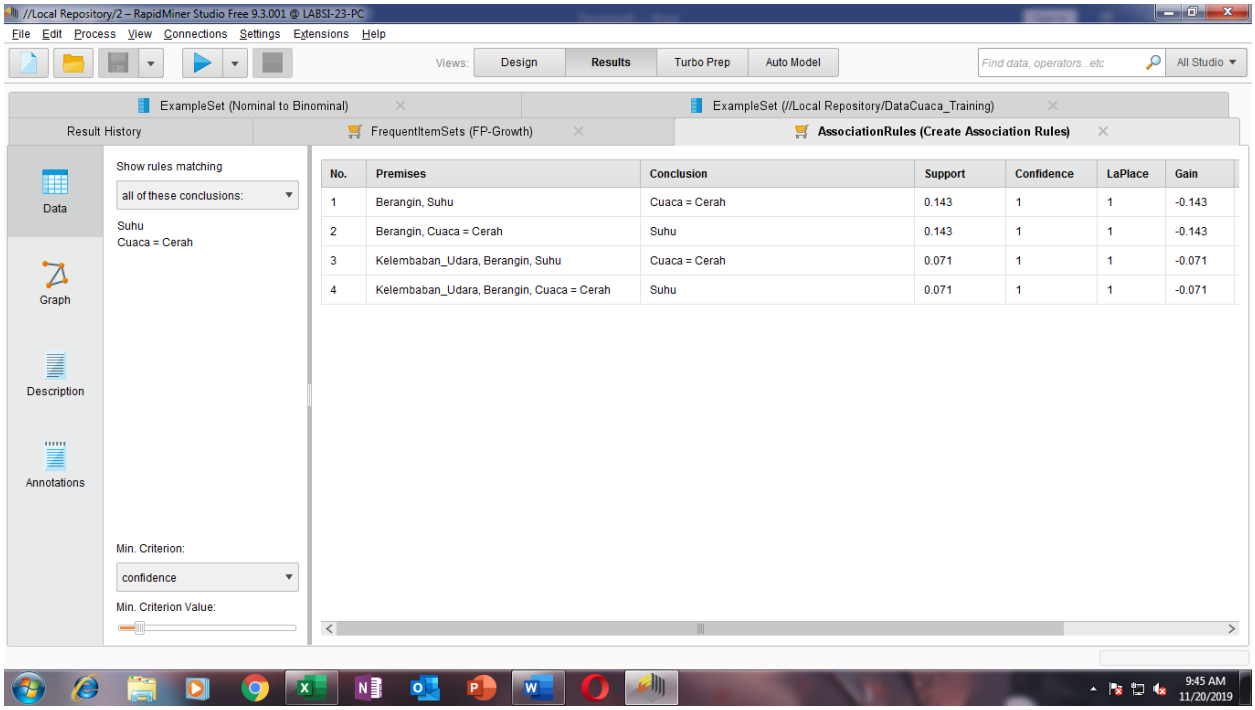
Nama : Sri HajiAti

NIM : L200170103

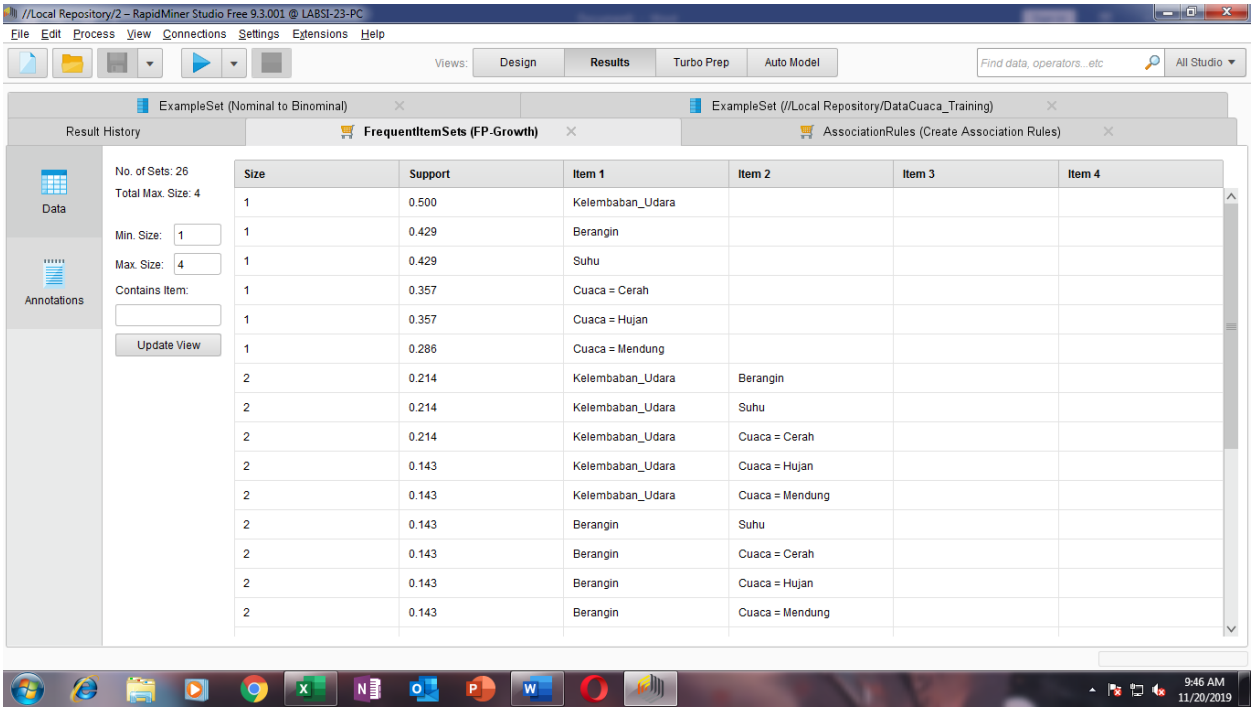


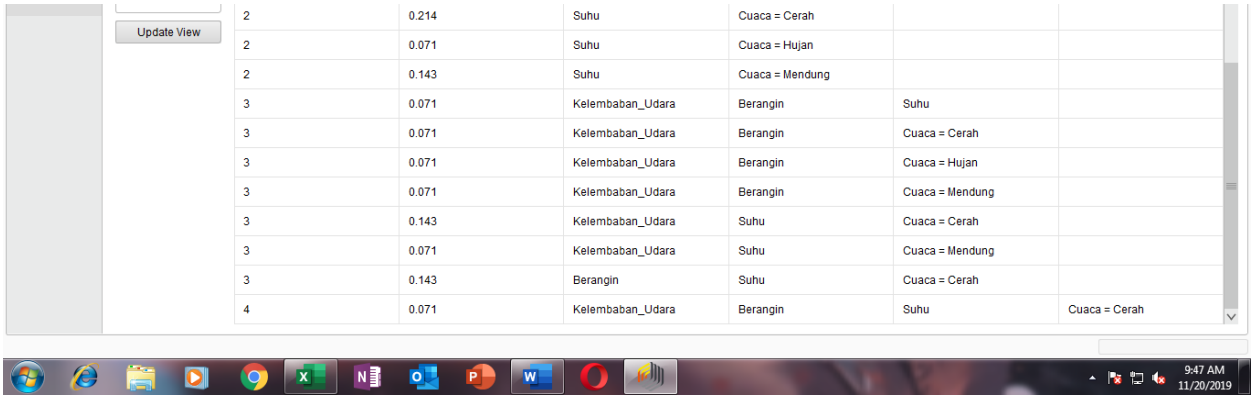


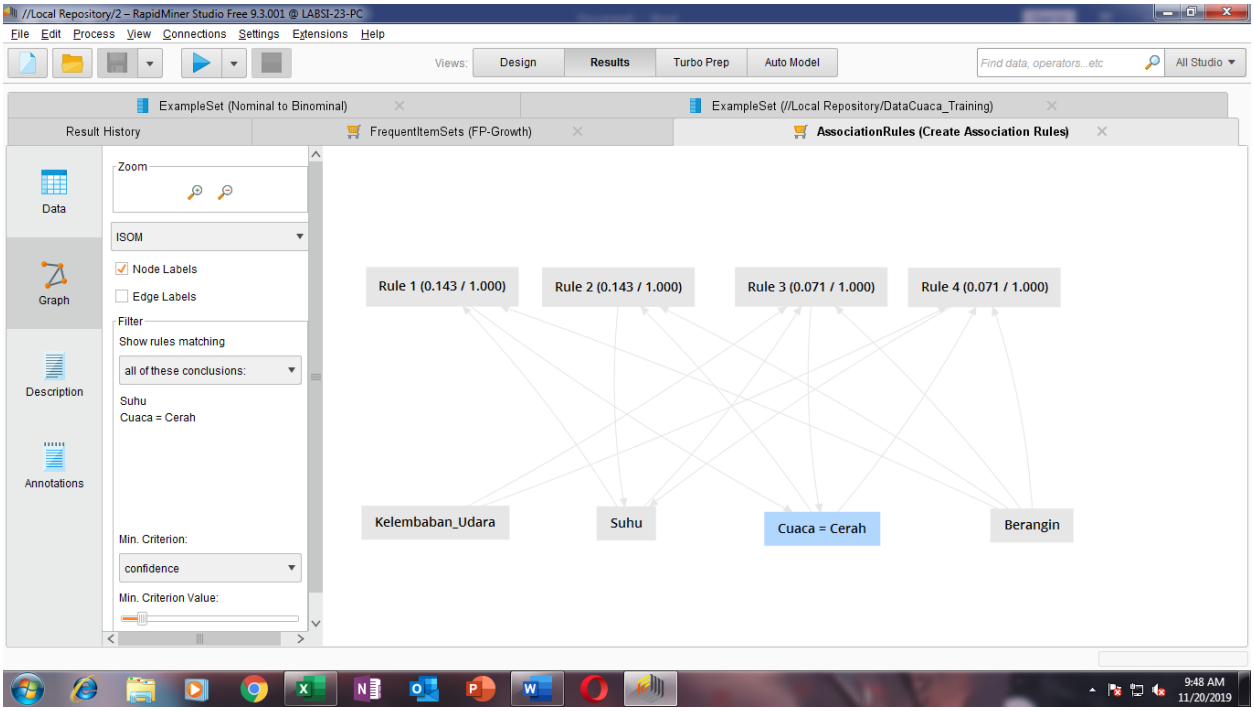


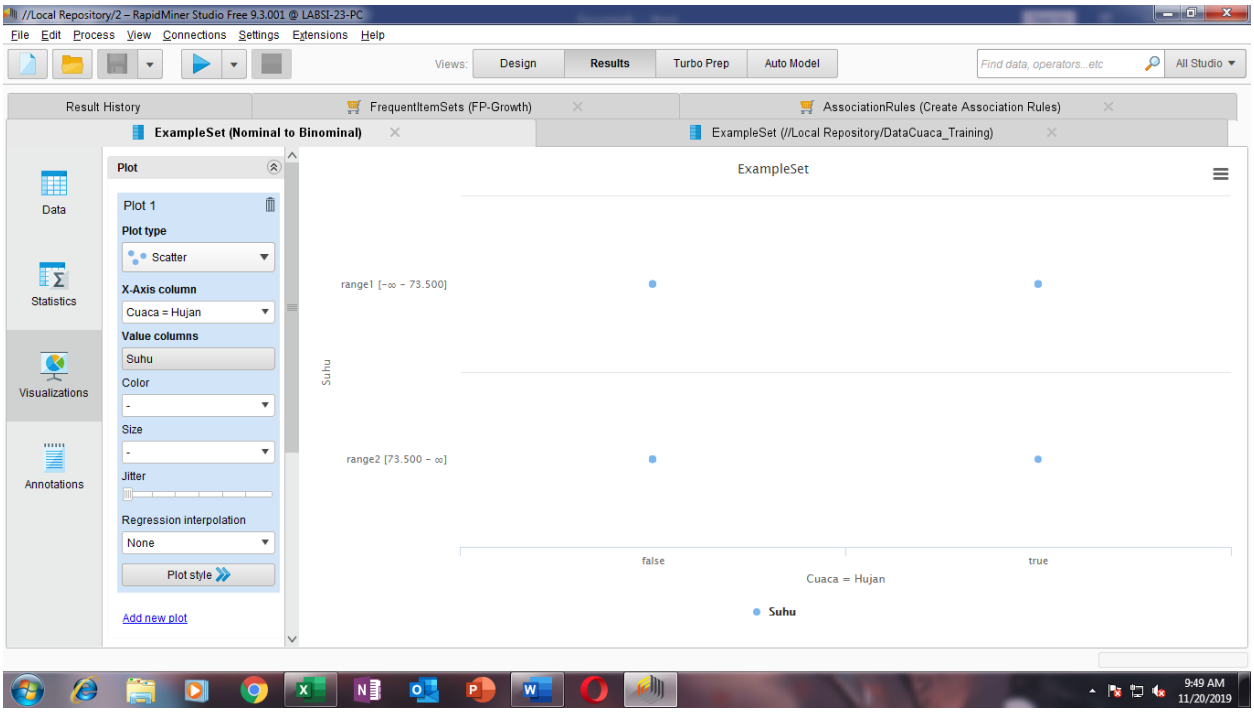


No.	Premises	Conclusion	Support	Confidence	LaPlace	Gain
1	Berangin, Suhu	Cuaca = Cerah	0.143	1	1	-0.143
2	Berangin, Cuaca = Cerah	Suhu	0.143	1	1	-0.143
3	Kelembaban_Udara, Berangin, Suhu	Cuaca = Cerah	0.071	1	1	-0.071
4	Kelembaban_Udara, Berangin, Cuaca = Cerah	Suhu	0.071	1	1	-0.071

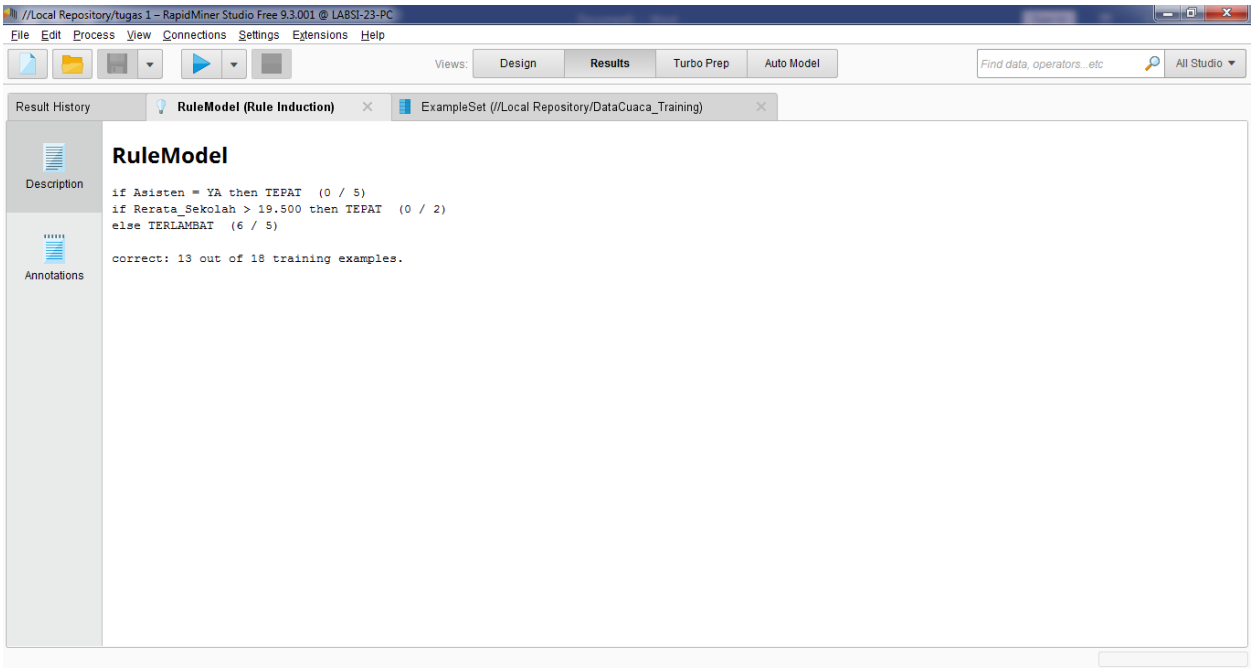

//Local Repository/2 – RapidMiner Studio Free 9.3.001 @ LABSI-23-PC
File Edit Process View Connections Settings Extensions Help
Views: Design Results Turbo Prep Auto Model
Find data, operators...etc
All Studio
ExampleSet (Nominal to Binominal)
ExampleSet (//Local Repository/DataCuaca_Training)
Result History
FrequentItemSets (FP-Growth)
AssociationRules (Create Association Rules)
Data
Annotations
No. of Sets: 26
Total Max. Size: 4
Min. Size: 1
Max. Size: 4
Contains Item:
Update View
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
9:46 AM
11/20/2019


Update View
2 | 0.214 | Suhu | Cuaca = Cerah
2 | 0.071 | Suhu | Cuaca = Hujan
2 | 0.143 | Suhu | Cuaca = Mendung
3 | 0.071 | Kelembaban_Udara | Berangin | Suhu
3 | 0.071 | Kelembaban_Udara | Berangin | Cuaca = Cerah
3 | 0.071 | Kelembaban_Udara | Berangin | Cuaca = Hujan
3 | 0.071 | Kelembaban_Udara | Berangin | Cuaca = Mendung
3 | 0.143 | Kelembaban_Udara | Suhu | Cuaca = Cerah
3 | 0.071 | Kelembaban_Udara | Suhu | Cuaca = Mendung
3 | 0.143 | Berangin | Suhu | Cuaca = Cerah
4 | 0.071 | Kelembaban_Udara | Berangin | Suhu | Cuaca = Cerah
9:47 AM
11/20/2019


//Local Repository/2 – RapidMiner Studio Free 9.3.001 @ LABSI-23-PC
File Edit Process View Connections Settings Extensions Help
Views: Design Results Turbo Prep Auto Model
Find data, operators...etc
All Studio
ExampleSet (Nominal to Binominal)
ExampleSet (//Local Repository/DataCuaca_Training)
Result History
FrequentItemSets (FP-Growth)
AssociationRules (Create Association Rules)
Data
Graph
Description
Annotations
Zoom
ISOM
Node Labels
Edge Labels
Filter
Show rules matching
all of these conclusions:
Suhu
Cuaca = Cerah
Min. Criterion:
confidence
Min. Criterion Value:
Rule 1 (0.143 / 1.000)
Rule 2 (0.143 / 1.000)
Rule 3 (0.071 / 1.000)
Rule 4 (0.071 / 1.000)
Kelembaban_Udara
Suhu
Cuaca = Cerah
Berangin
9:48 AM
11/20/2019


//Local Repository/2 – RapidMiner Studio Free 9.3.001 @ LABSI-23-PC
File Edit Process View Connections Settings Extensions Help
Views: Design Results Turbo Prep Auto Model
Find data, operators...etc
All Studio
Result History
FrequentItemSets (FP-Growth)
AssociationRules (Create Association Rules)
ExampleSet (Nominal to Binominal)
ExampleSet (//Local Repository/DataCuaca_Training)
Data
Statistics
Visualizations
Annotations
Plot
Plot 1
Plot type
Scatter
X-Axis column
Cuaca = Hujan
Value columns
Suhu
Color
Size
Jitter
Regression interpolation
None
Plot style
Add new plot
ExampleSet
range1 [−∞ – 73.500]
range2 [73.500 – ∞]
Suhu
false
true
Cuaca = Hujan
Suhu
9:49 AM
11/20/2019

Tugas 1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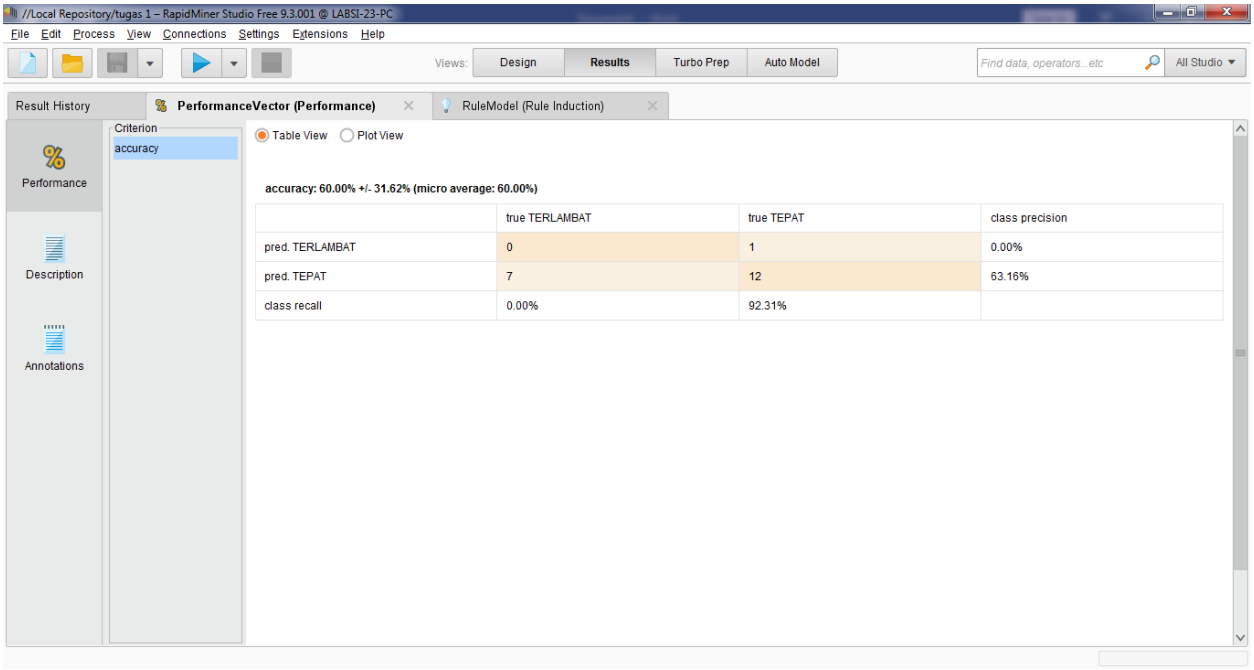
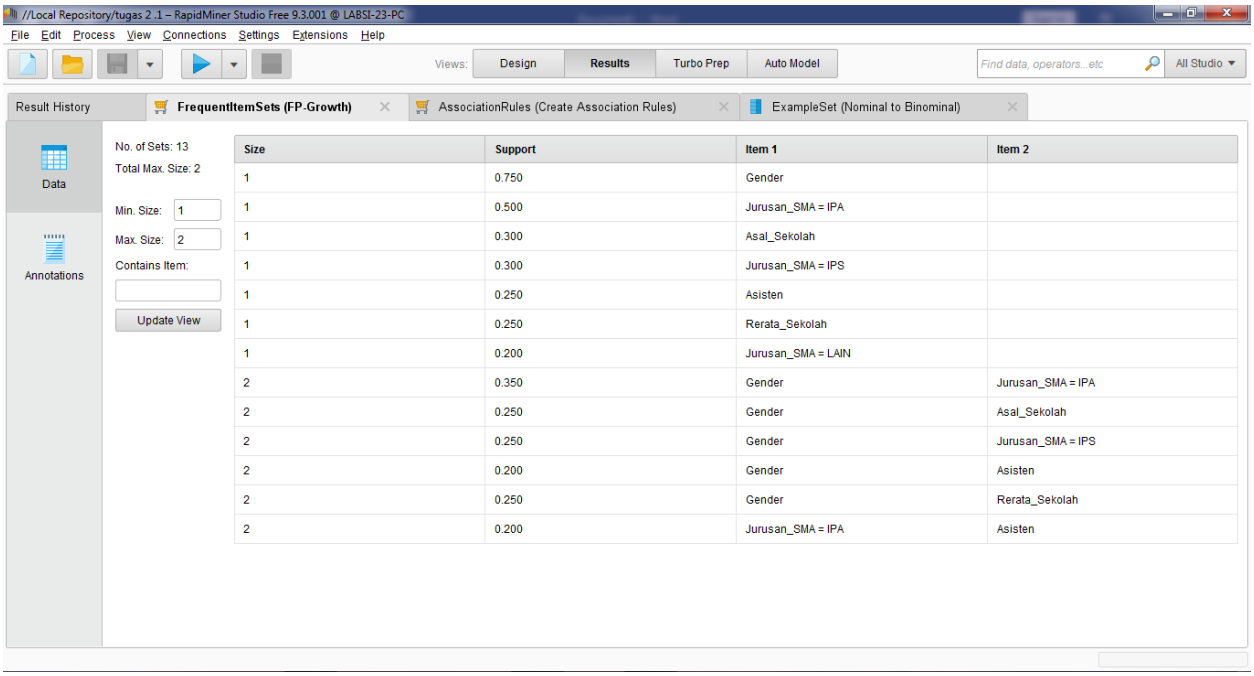
File Edit Process View Connections Settings Extensions Help
Views: Design Results Turbo Prep Auto Model
Find data, operators...etc
All Studio
Result History
RuleModel (Rule Induction)
ExampleSet (//Local Repository/DataCuaca_Training)
Description
Annotations
RuleModel
if Asisten = YA then TEPAT (0 / 5)
if Rerata_Sekolah > 19.500 then TEPAT (0 / 2)
else TERLAMBAT (6 / 5)
correct: 13 out of 18 training examples.

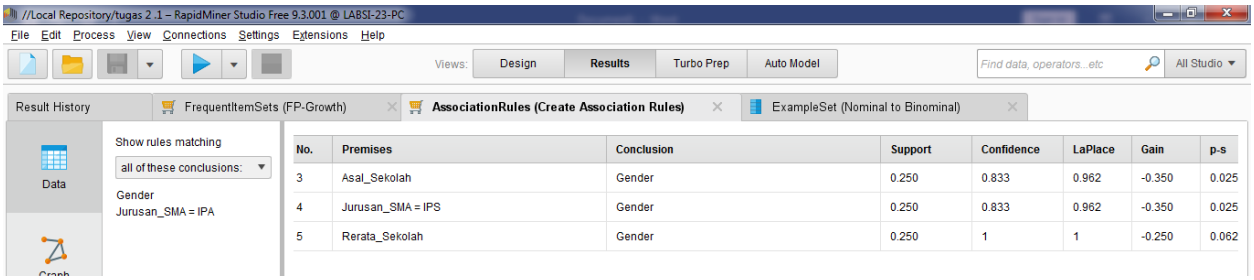

//Local Repository/tugas 1 – RapidMiner Studio Free 9.3.001 @ LABSI-23-PC
File Edit Process View Connections Settings Extensions Help
Views: Design Results Turbo Prep Auto Model
Find data, operators...etc
All Studio
Result History
PerformanceVector (Performance)
RuleModel (Rule Induction)
Performance
Description
Annotations
Criterion
accuracy
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%

Tugas 2

A number bin 2

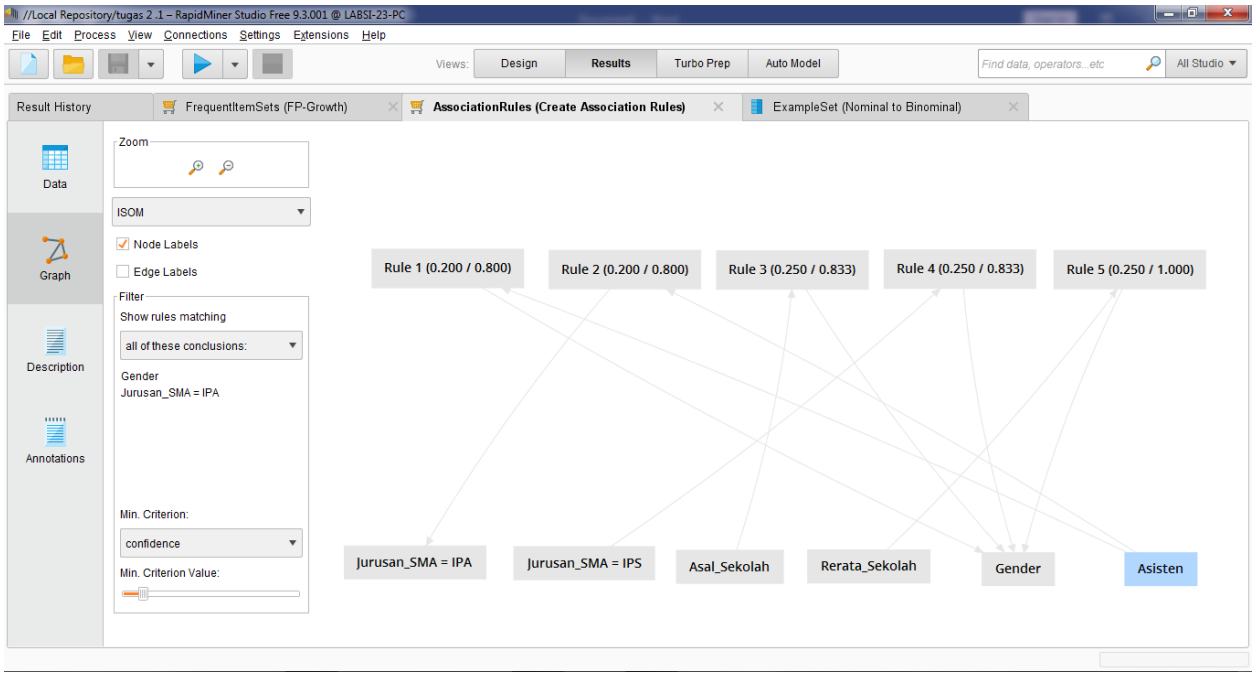


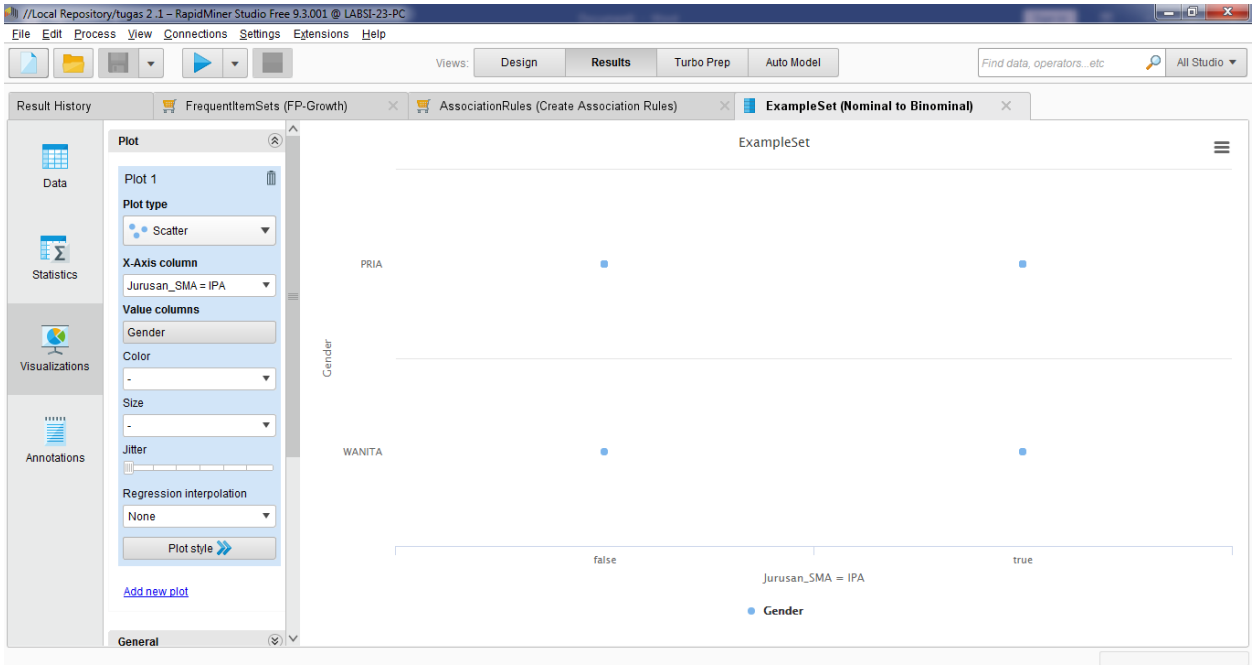
Size	Support	Item 1	Item 2
1	0.750	Gender	
1	0.500	Jurusan_SMA = IPA	
1	0.300	Asal_Sekolah	
1	0.300	Jurusan_SMA = IPS	
1	0.250	Asisten	
1	0.250	Rerata_Sekolah	
1	0.200	Jurusan_SMA = LAIN	
2	0.350	Gender	Jurusan_SMA = IPA
2	0.250	Gender	Asal_Sekolah
2	0.250	Gender	Jurusan_SMA = IPS
2	0.200	Gender	Asisten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



No.	Premises	Conclusion	Support	Confidence	LaPlace	Gain	p-s
3	Asal_Sekolah	Gender	0.250	0.833	0.962	-0.350	0.025
4	Jurusan_SMA = IPS	Gender	0.250	0.833	0.962	-0.350	0.025
5	Rerata_Sekolah	Gender	0.250	1	1	-0.250	0.062

p-s	Lift	Convicti...
0.025	1.111	1.500
0.025	1.111	1.500
0.062	1.333	∞


//Local Repository/tugas 2 .1 – RapidMiner Studio Free 9.3.001 @ LABSI-23-PC
File Edit Process View Connections Settings Extensions Help
Views: Design Results Turbo Prep Auto Model
Find data, operators...etc
All Studio
Result History
FrequentItemSets (FP-Growth)
AssociationRules (Create Association Rules)
ExampleSet (Nominal to Binominal)
Data
Graph
Description
Annotations
Zoom
ISOM
Node Labels
Edge Labels
Filter
Show rules matching
all of these conclusions:
Gender
Jurusan_SMA = IPA
Min. Criterion:
confidence
Min. Criterion Value:
Rule 1 (0.200 / 0.800)
Rule 2 (0.200 / 0.800)
Rule 3 (0.250 / 0.833)
Rule 4 (0.250 / 0.833)
Rule 5 (0.250 / 1.000)
Jurusan_SMA = IPA
Jurusan_SMA = IPS
Asal_Sekolah
Rerata_Sekolah
Gender
Asisten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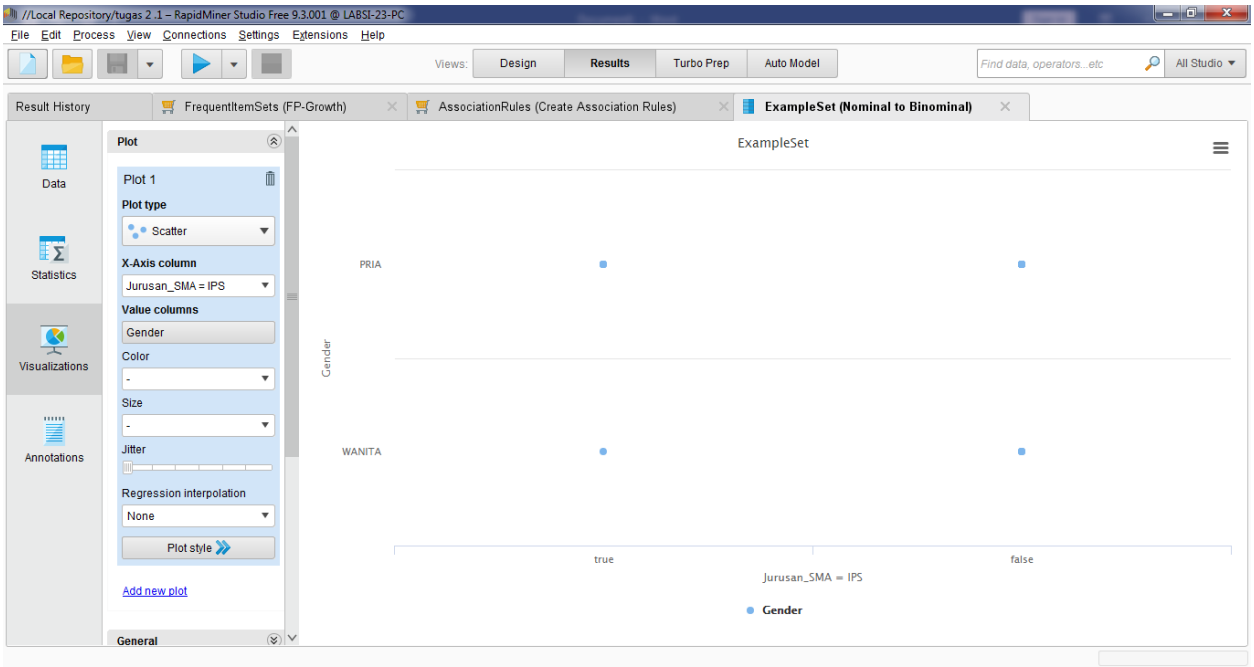
Views: Design Results Turbo Prep Auto Model
Find data, operators...etc
All Studio
Result History
FrequentItemSets (FP-Growth)
AssociationRules (Create Association Rules)
ExampleSet (Nominal to Binominal)
Data
Statistics
Visualizations
Annotations
Plot
Plot 1
Plot type
Scatter
X-Axis column
Jurusan_SMA = IPA
Value columns
Gender
Color
Size
Jitter
Regression interpolation
None
Plot style
Add new plot
General
ExampleSet
PRIA
WANITA
Gender
false
true
Jurusan_SMA = IPA
Gender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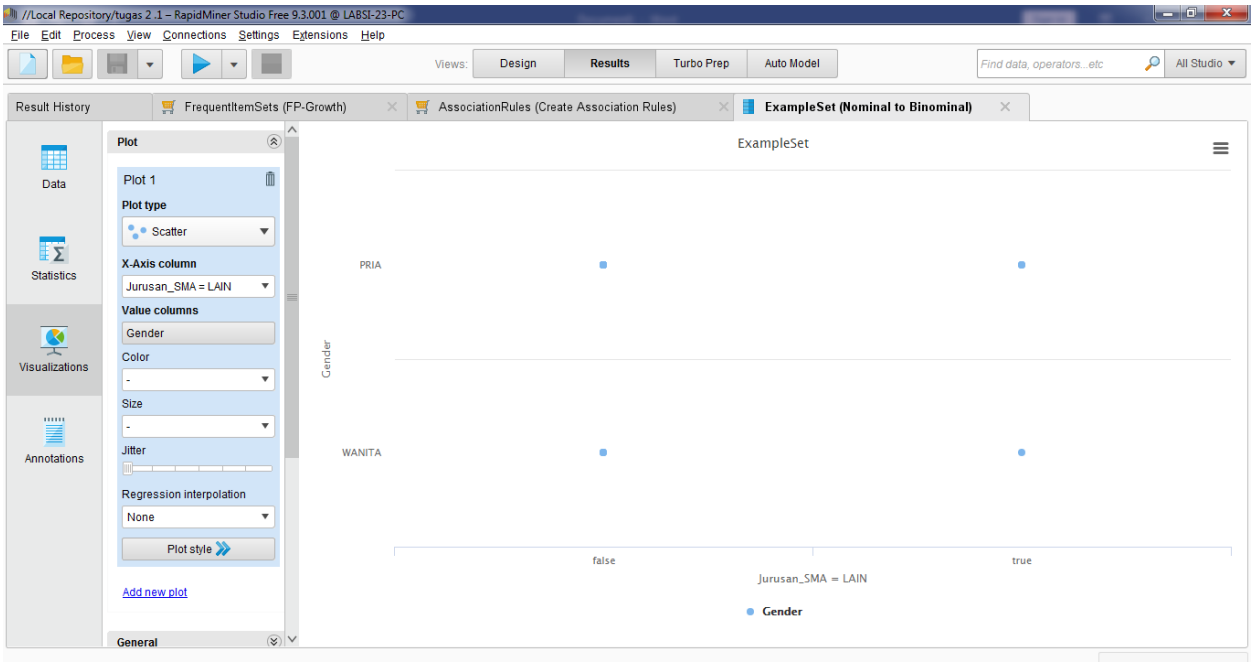
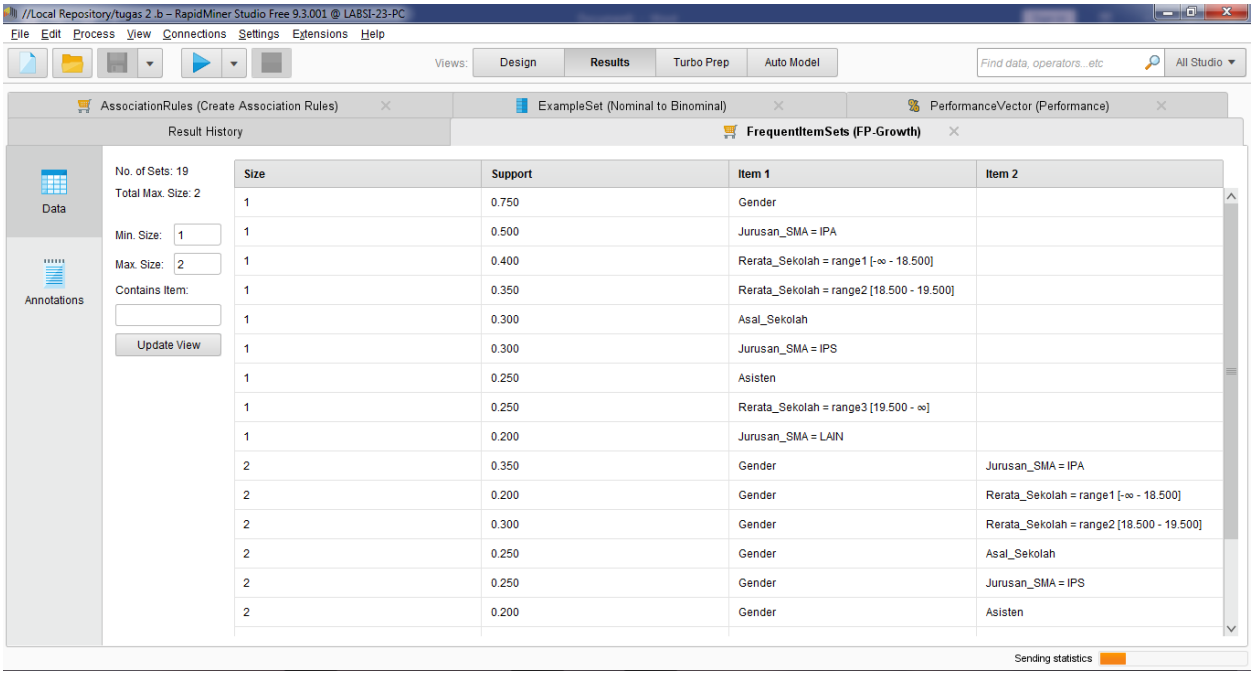
File Edit Process View Connections Settings Extensions Help
Views: Design Results Turbo Prep Auto Model
Find data, operators...etc
All Studio
Result History
FrequentItemSets (FP-Growth)
AssociationRules (Create Association Rules)
ExampleSet (Nominal to Binominal)
Data
Statistics
Visualizations
Annotations
Plot
Plot 1
Plot type
Scatter
X-Axis column
Jurusan_SMA = IPS
Value columns
Gender
Color
Size
Jitter
Regression interpolation
None
Plot style
Add new plot
General
ExampleSet
PRIA
WANITA
Gender
true
false
Jurusan_SMA = IPS
Gender

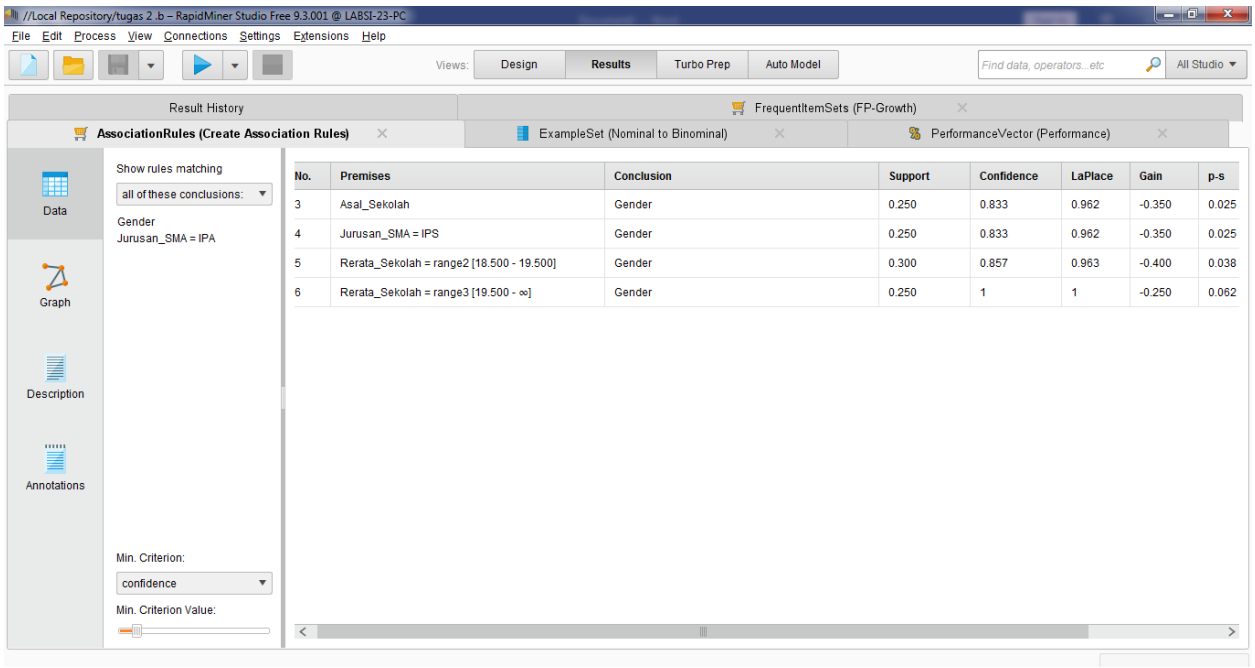

//Local Repository/tugas 2 .1 – RapidMiner Studio Free 9.3.001 @ LABSI-23-PC
File Edit Process View Connections Settings Extensions Help
Views: Design Results Turbo Prep Auto Model
Find data, operators...etc
All Studio
Result History
FrequentItemSets (FP-Growth)
AssociationRules (Create Association Rules)
ExampleSet (Nominal to Binominal)
Data
Statistics
Visualizations
Annotations
Plot
Plot 1
Plot type
Scatter
X-Axis column
Jurusan_SMA = LAIN
Value columns
Gender
Color
Size
Jitter
Regression interpolation
None
Plot style
Add new plot
General
ExampleSet
PRIA
WANITA
Gender
false
true
Jurusan_SMA = LAIN
Gender

Tugas 2

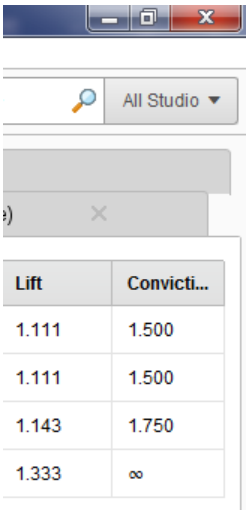
B number 3



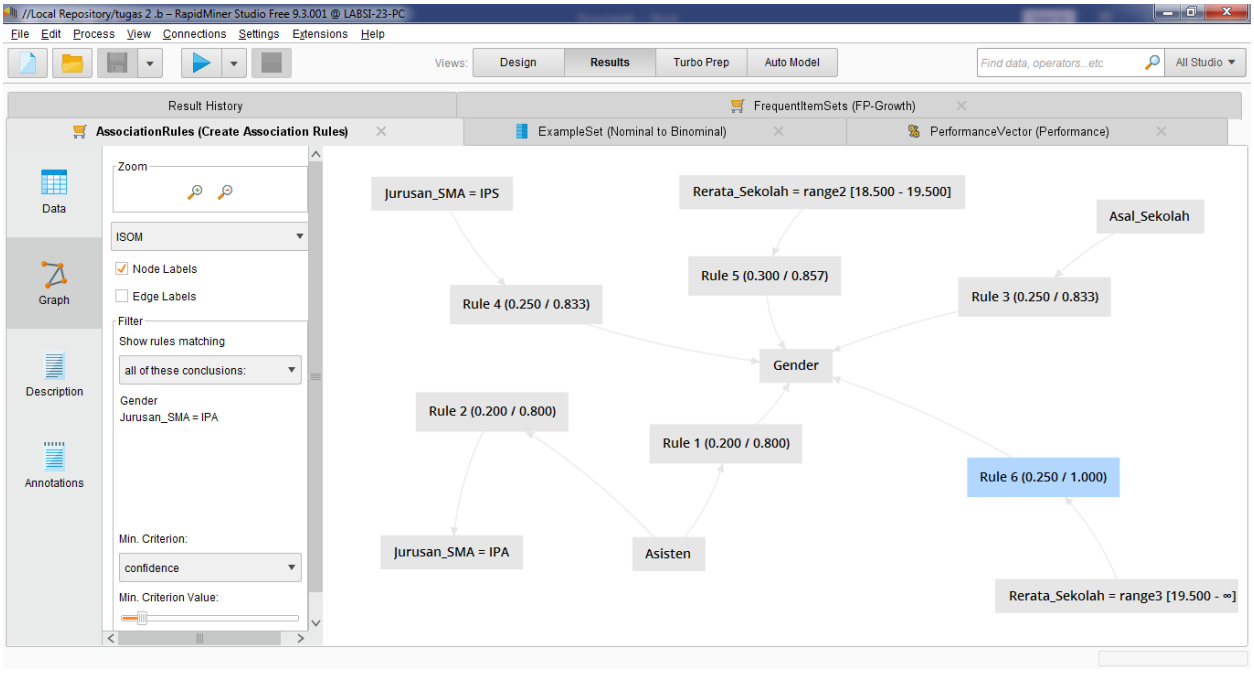
Size	Support	Item 1	Item 2
1	0.750	Gender	
1	0.500	Jurusan_SMA = IPA	
1	0.400	Rerata_Sekolah = range1 [-∞ - 18.500]	
1	0.350	Rerata_Sekolah = range2 [18.500 - 19.500]	
1	0.300	Asal_Sekolah	
1	0.300	Jurusan_SMA = IPS	
1	0.250	Asisten	
1	0.250	Rerata_Sekolah = range3 [19.500 - ∞]	
1	0.200	Jurusan_SMA = LAIN	
2	0.350	Gender	Jurusan_SMA = IPA
2	0.200	Gender	Rerata_Sekolah = range1 [-∞ - 18.500]
2	0.300	Gender	Rerata_Sekolah = range2 [18.500 - 19.500]
2	0.250	Gender	Asal_Sekolah
2	0.250	Gender	Jurusan_SMA = IPS
2	0.200	Gender	Asisten
2	0.250	Gender	Rerata_Sekolah = range3 [19.500 - ∞]
2	0.200	Jurusan_SMA = IPA	Rerata_Sekolah = range1 [-∞ - 18.500]
2	0.200	Jurusan_SMA = IPA	Rerata_Sekolah = range2 [18.500 - 19.500]
2	0.200	Jurusan_SMA = IPA	Asisten

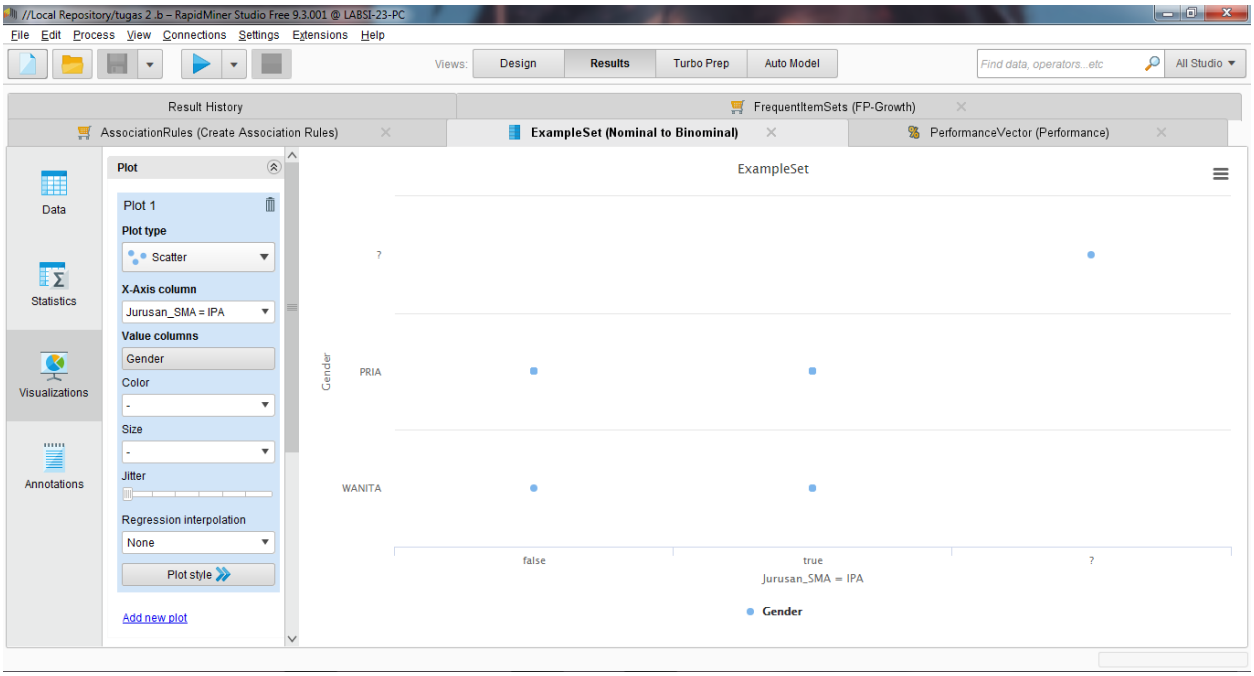


No.	Premises	Conclusion	Support	Confidence	LaPlace	Gain	p-s
3	Asal_Sekolah	Gender	0.250	0.833	0.962	-0.350	0.025
4	Jurusan_SMA = IPS	Gender	0.250	0.833	0.962	-0.350	0.025
5	Rerata_Sekolah = range2 [18.500 - 19.500]	Gender	0.300	0.857	0.963	-0.400	0.038
6	Rerata_Sekolah = range3 [19.500 - ∞]	Gender	0.250	1	1	-0.250	0.062



Lift	Convicti...
1.111	1.500
1.111	1.500
1.143	1.750
1.333	∞


//Local Repository/tugas 2 .b – RapidMiner Studio Free 9.3.001 @ LABSI-23-PC
File Edit Process View Connections Settings Extensions Help
Views: Design Results Turbo Prep Auto Model
Find data, operators...etc
All Studio
Result History
FrequentItemSets (FP-Growth)
AssociationRules (Create Association Rules)
ExampleSet (Nominal to Binominal)
PerformanceVector (Performance)
Data
Graph
Description
Annotations
Zoom
ISOM
Node Labels
Edge Labels
Filter
Show rules matching
all of these conclusions:
Gender
Jurusan_SMA = IPA
Min. Criterion:
confidence
Min. Criterion Value:
Jurusan_SMA = IPS
Rerata_Sekolah = range2 [18.500 - 19.500]
Asal_Sekolah
Rule 5 (0.300 / 0.857)
Rule 4 (0.250 / 0.833)
Rule 3 (0.250 / 0.833)
Gender
Rule 2 (0.200 / 0.800)
Rule 1 (0.200 / 0.800)
Rule 6 (0.250 / 1.000)
Jurusan_SMA = IPA
Asisten
Rerata_Sekolah = range3 [19.500 - ∞]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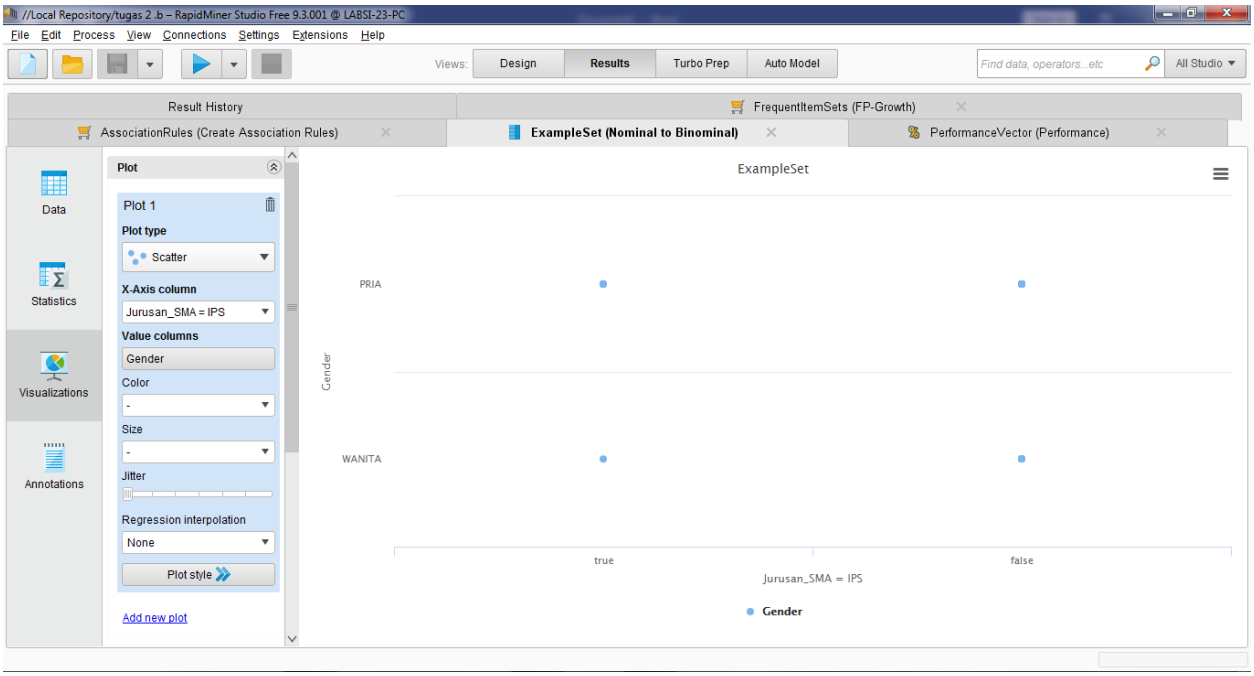
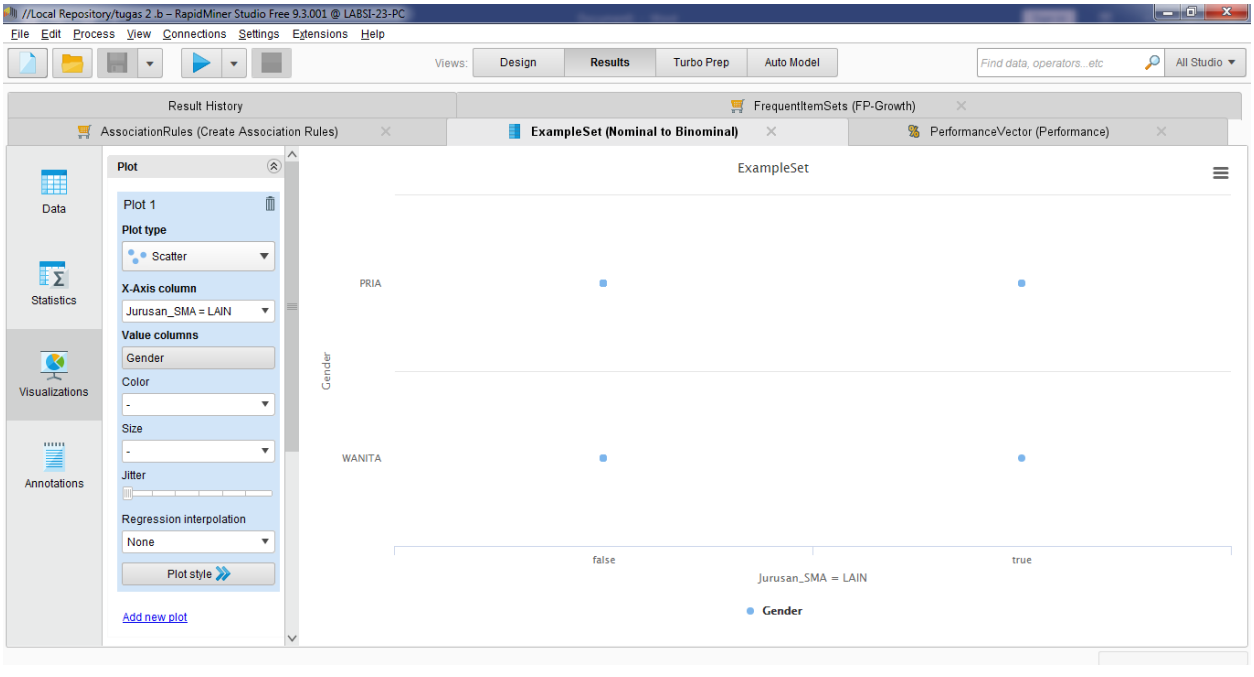
File Edit Process View Connections Settings Extensions Help
Views: Design Results Turbo Prep Auto Model
Find data, operators...etc
All Studio
Result History
FrequentItemSets (FP-Growth)
AssociationRules (Create Association Rules)
ExampleSet (Nominal to Binominal)
PerformanceVector (Performance)
Data
Statistics
Visualizations
Annotations
Plot
Plot 1
Plot type
Scatter
X-Axis column
Jurusan_SMA = IPA
Value columns
Gender
Color
Size
Jitter
Regression interpolation
None
Plot style
Add new plot
ExampleSet
Gender
?
PRIA
WANITA
false
true
?
Jurusan_SMA = IPA
Gender


//Local Repository/tugas 2 .b – RapidMiner Studio Free 9.3.001 @ LABSI-23-PC
File Edit Process View Connections Settings Extensions Help
Views: Design Results Turbo Prep Auto Model
Find data, operators...etc
All Studio
Result History
FrequentItemSets (FP-Growth)
AssociationRules (Create Association Rules)
ExampleSet (Nominal to Binominal)
PerformanceVector (Performance)
Data
Statistics
Visualizations
Annotations
Plot
Plot 1
Plot type
Scatter
X-Axis column
Jurusan_SMA = IPS
Value columns
Gender
Color
-
Size
-
Jitter
Regression interpolation
None
Plot style
Add new plot
ExampleSet
PRIA
WANITA
Gender
true
false
Jurusan_SMA = IPS
Gender


//Local Repository/tugas 2 .b – RapidMiner Studio Free 9.3.001 @ LABSI-23-PC
File Edit Process View Connections Settings Extensions Help
Views: Design Results Turbo Prep Auto Model
Find data, operators...etc
All Studio
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AssociationRules (Create Association Rules)
ExampleSet (Nominal to Binominal)
PerformanceVector (Performance)
Data
Statistics
Visualizations
Annotations
Plot
Plot 1
Plot type
Scatter
X-Axis column
Jurusan_SMA = LAIN
Value columns
Gender
Color
-
Size
-
Jitter
Regression interpolation
None
Plot style
Add new plot
ExampleSet
PRIA
WANITA
Gender
false
true
Jurusan_SMA = LAIN
Gender