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## MODUL XI

### INDUKSI DAN ATURAN ASOSIASI

#### 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.

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%	

- a) Number of bins = 2
- b) Number of bins = 3

**FP-Growth (table view)**

Number of bins = 2

No. of Sets: 15						
Total Max. Size: 4						
Min. Size: <input type="text" value="1"/>						
Max. Size: <input type="text" value="4"/>						
Contains Item:						
<input type="text"/>						
<input type="button" value="Update View"/>						
	Size	Support	Item 1	Item 2	Item 3	Item 4
	1	0.750	Gender			
	1	0.300	Asal_Sekolah			
	1	0.250	Asisten			
	1	0.250	Rerata_SKS			
	2	0.250	Gender	Asal_Sekolah		
	2	0.200	Gender	Asisten		
	2	0.250	Gender	Rerata_SKS		
	2	0.150	Asal_Sekolah	Asisten		
	2	0.150	Asal_Sekolah	Rerata_SKS		
	2	0.150	Asisten	Rerata_SKS		
	3	0.100	Gender	Asal_Sekolah	Asisten	
	3	0.150	Gender	Asal_Sekolah	Rerata_SKS	
	3	0.150	Gender	Asisten	Rerata_SKS	
	3	0.100	Asal_Sekolah	Asisten	Rerata_SKS	

Number of bins = 3

No. of Sets: 7					
Total Max. Size: 3					
Min. Size:	<input type="text" value="1"/>				
Max. Size:	<input type="text" value="3"/>				
Contains Item:					
<input type="text"/>					
<input type="button" value="Update View"/>					
Size	Support	Item 1	Item 2	Item 3	
1	0.750	Gender			
1	0.300	Asal_Sekolah			
1	0.250	Asisten			
2	0.250	Gender	Asal_Sekolah		
2	0.200	Gender	Asisten		
2	0.150	Asal_Sekolah	Asisten		
3	0.100	Gender	Asal_Sekolah	Asisten	

## Association Rules

Number of bins 2

No.	Premises	Conclusion
2	Asal_Sekolah	Gender
3	Rerata_SKS	Gender
4	Asal_Sekolah, Rerata_SKS	Gender
5	Asisten, Rerata_SKS	Gender
6	Gender, Asal_Sekolah, Asisten	Rerata_SKS
7	Asal_Sekolah, Asisten, Rerata_SKS	Gender

Support	Confidence	LaPlace	Gain	p-s	Lift	Convicti...
0.250	0.833	0.962	-0.350	0.025	1.111	1.500
0.250	1	1	-0.250	0.062	1.333	$\infty$
0.150	1	1	-0.150	0.038	1.333	$\infty$
0.150	1	1	-0.150	0.038	1.333	$\infty$
0.100	1	1	-0.100	0.075	4	$\infty$
0.100	1	1	-0.100	0.025	1.333	$\infty$

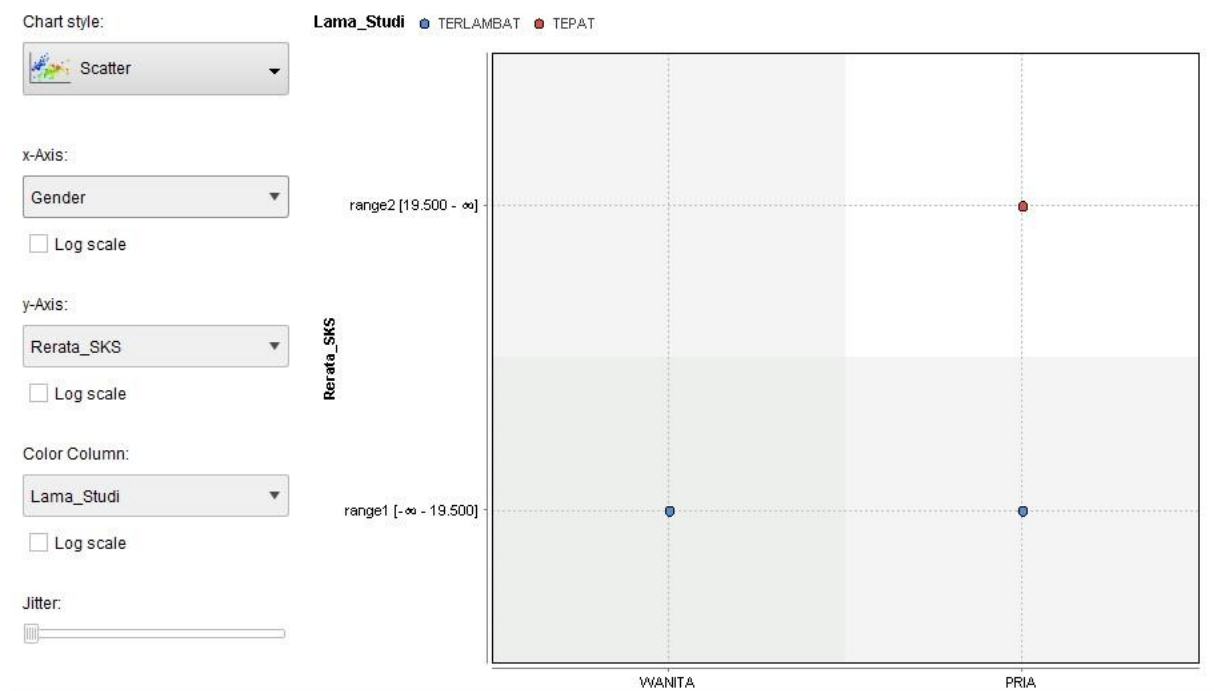
Number of bins 3

No.	Premises	Conclusion
2	Asal_Sekolah	Gender

Support	Confidence	LaPlace	Gain	p-s	Lift	Convicti...
0.250	0.833	0.962	-0.350	0.025	1.111	1.500

ExampleSet

## Number of bins 2



## Number of bins 3

