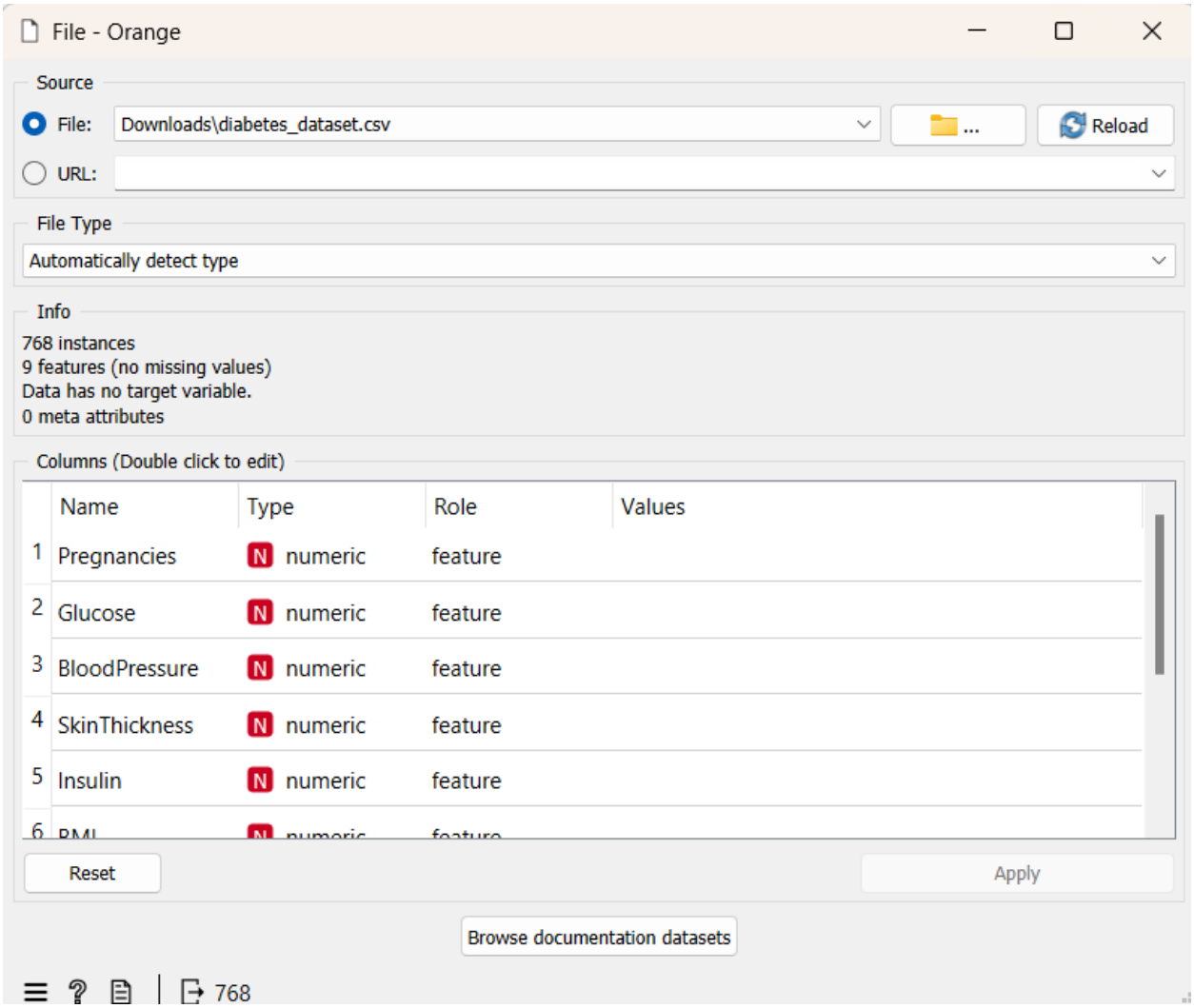
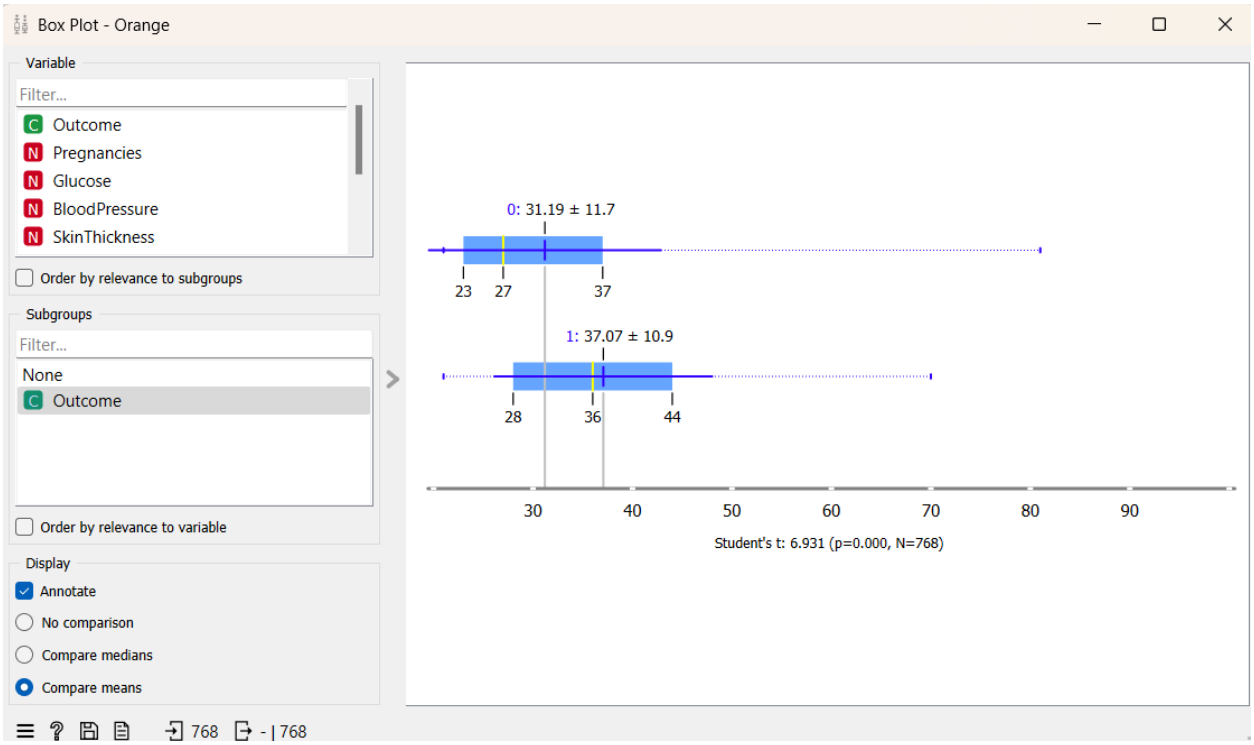
Nama : Muhamad Hilmi Haidar
NIM : 1103213005

Praktikal OWS Minggu 3

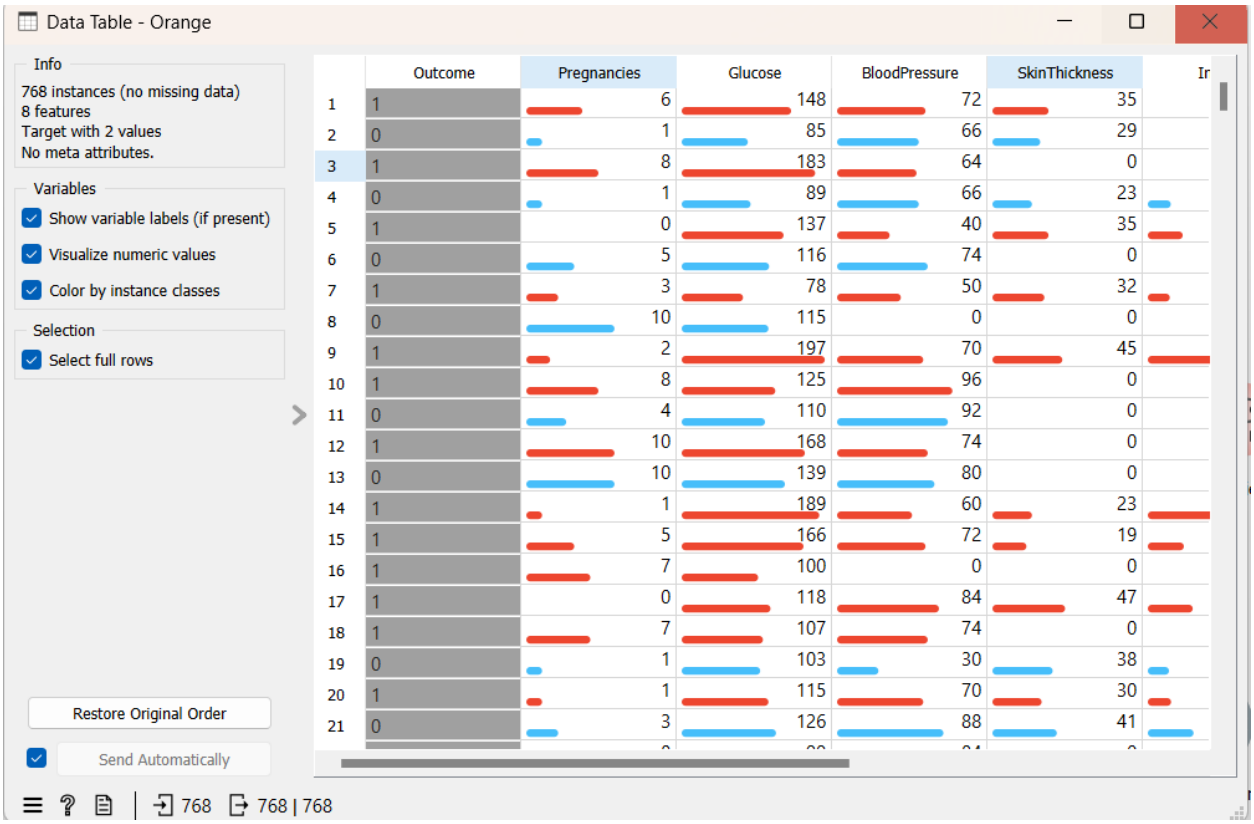
1. MeLoad Dataset ke Orange




2. Memvisualisasikan dataset menggunakan BoxPlot untuk memeriksa apakah ada outlier di dataset tersebut

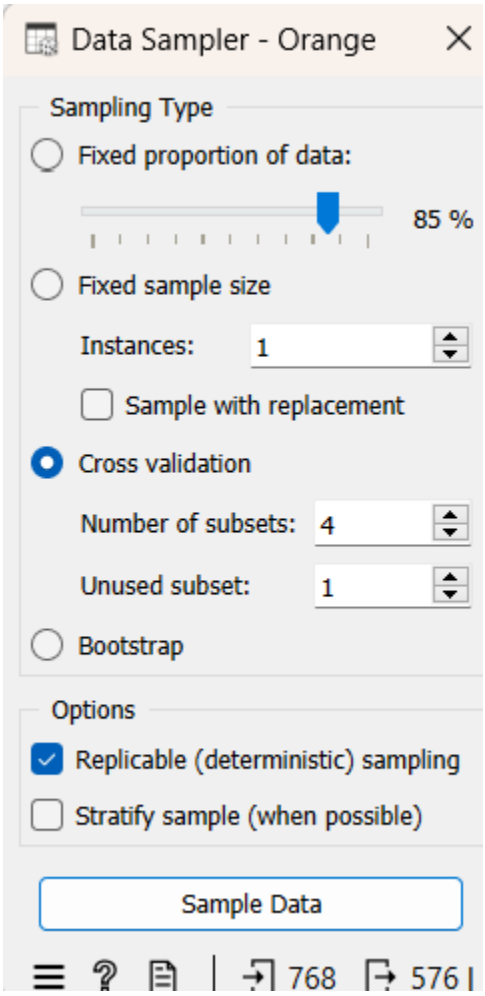

Box Plot - Orange
Variable
Filter...
Outcome
Pregnancies
Glucose
BloodPressure
SkinThickness
Order by relevance to subgroups
Subgroups
Filter...
None
Outcome
Order by relevance to variable
Display
Annotate
No comparison
Compare medians
Compare means
768
- | 768
0: 31.19 ± 11.7
23
27
37
1: 37.07 ± 10.9
28
36
44
30
40
50
60
70
80
90
Student's t: 6.931 (p=0.000, N=768)

3. Memeriksa isi Data Table

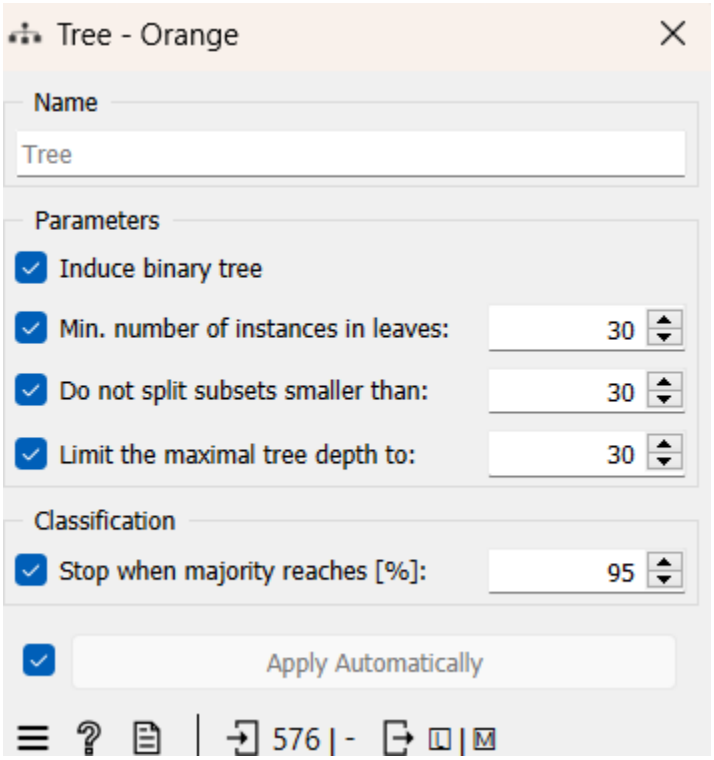



| | Outcome | Pregnancies | Glucose | BloodPressure | SkinThickness | Ir |
|---|---|---|---|---|---|---|
| 1 | 1 | 6 | 148 | 72 | 35 | |
| 2 | 0 | 1 | 85 | 66 | 29 | |
| 3 | 1 | 8 | 183 | 64 | 0 | |
| 4 | 0 | 1 | 89 | 66 | 23 | |
| 5 | 1 | 0 | 137 | 40 | 35 | |
| 6 | 0 | 5 | 116 | 74 | 0 | |
| 7 | 1 | 3 | 78 | 50 | 32 | |
| 8 | 0 | 10 | 115 | 0 | 0 | |
| 9 | 1 | 2 | 197 | 70 | 45 | |
| 10 | 1 | 8 | 125 | 96 | 0 | |
| 11 | 0 | 4 | 110 | 92 | 0 | |
| 12 | 1 | 10 | 168 | 74 | 0 | |
| 13 | 0 | 10 | 139 | 80 | 0 | |
| 14 | 1 | 1 | 189 | 60 | 23 | |
| 15 | 1 | 5 | 166 | 72 | 19 | |
| 16 | 1 | 7 | 100 | 0 | 0 | |
| 17 | 1 | 0 | 118 | 84 | 47 | |
| 18 | 1 | 7 | 107 | 74 | 0 | |
| 19 | 0 | 1 | 103 | 30 | 38 | |
| 20 | 1 | 1 | 115 | 70 | 30 | |
| 21 | 0 | 3 | 126 | 88 | 41 | |

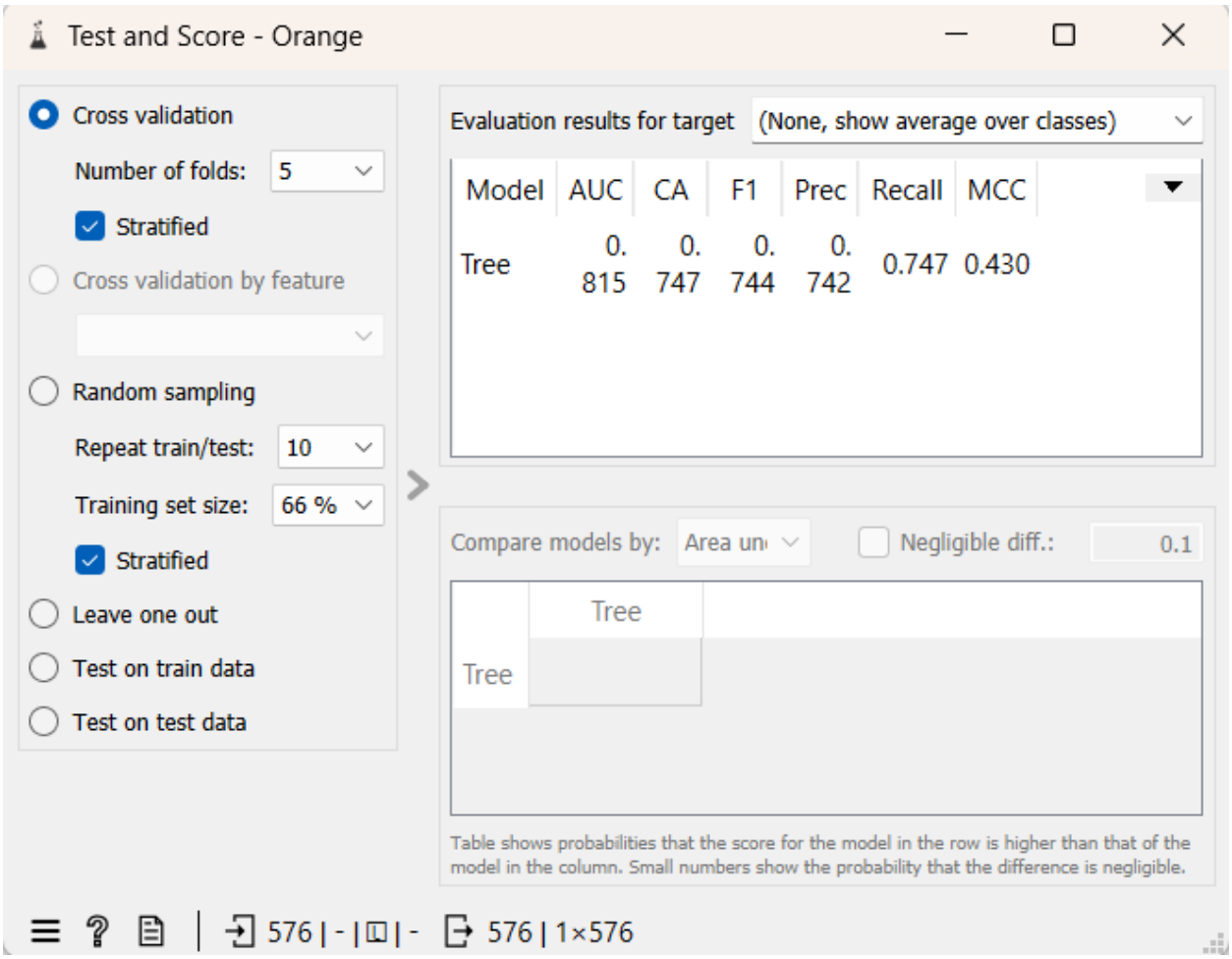
4. Sampling data untuk digunakan model tree



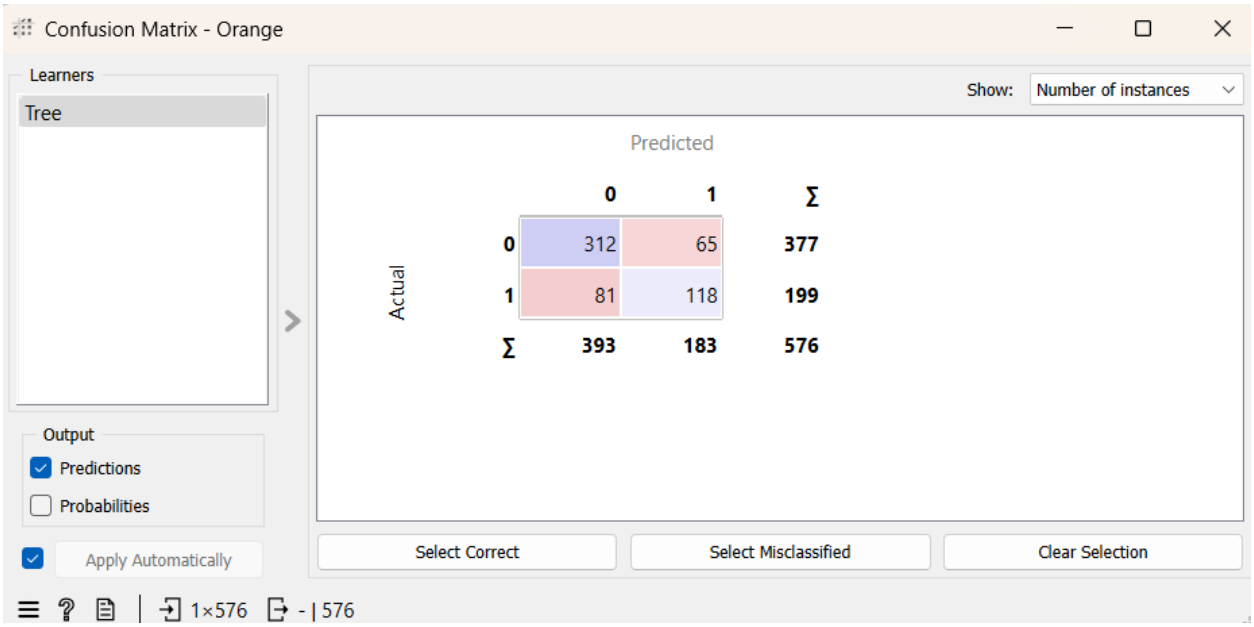
5. Mengatur Parameter pada model Tree



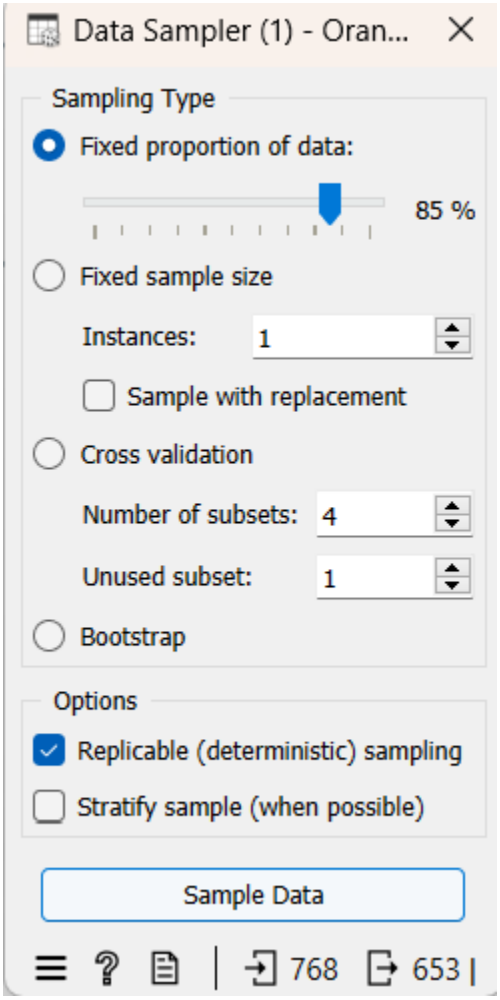
6. Melihat evaluasi hasil dari model tree



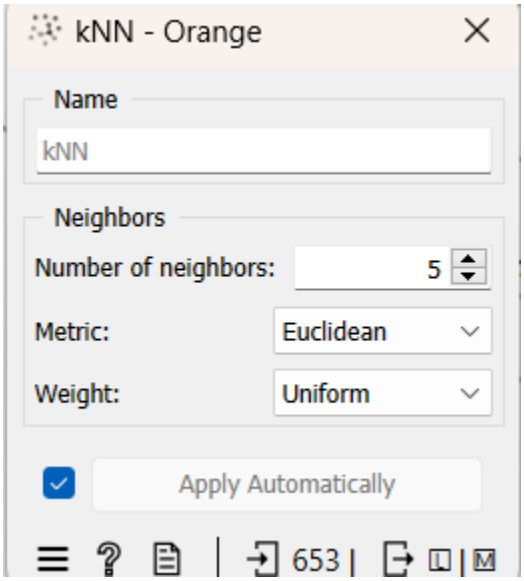
7. Melihat hasil model menggunakan confusion matrix



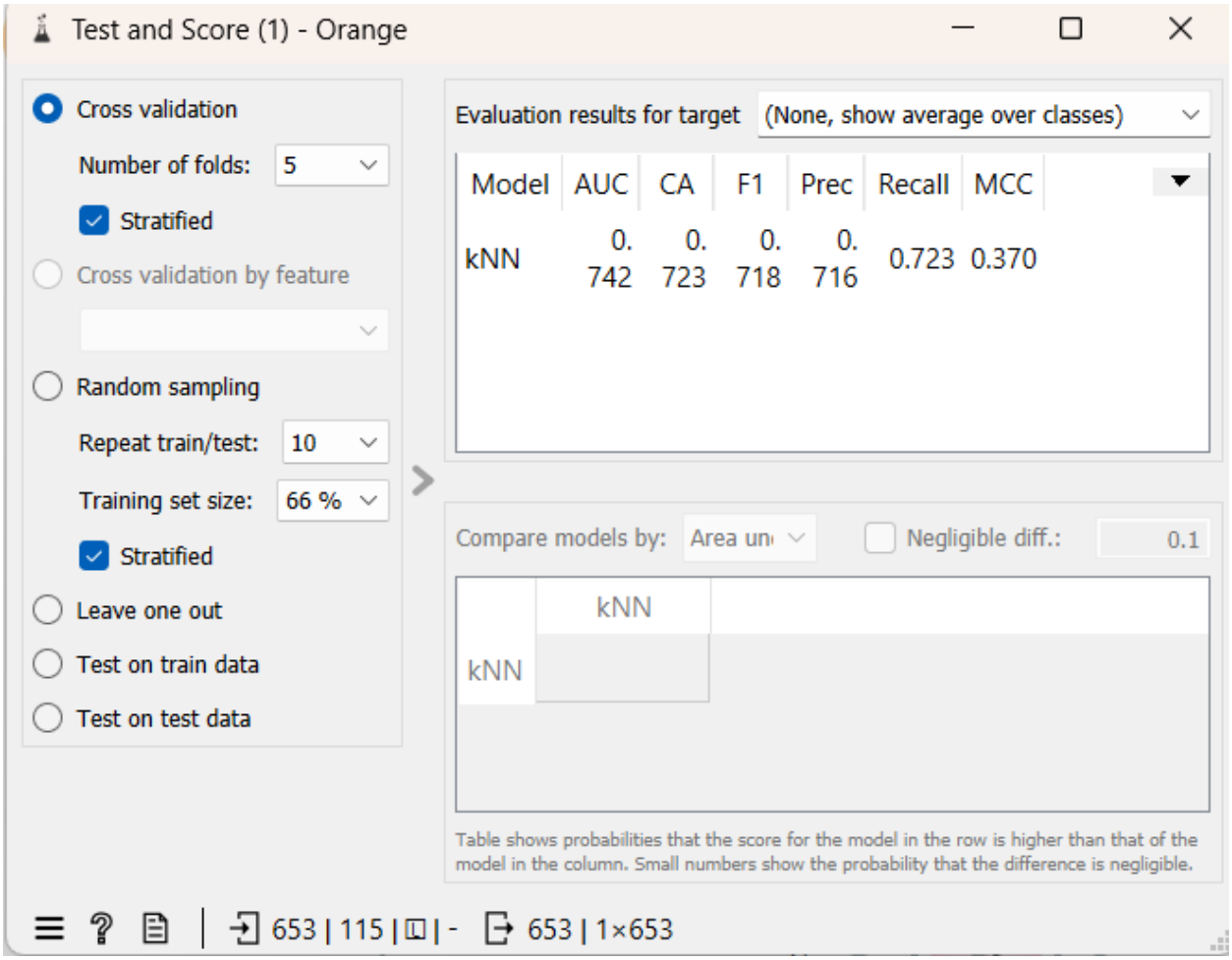
8. Sampling data untuk model KNN




9. Set parameter untuk model KNN



10. Melihat hasil test dan hasil evaluasi model KNN



11. Melihat hasil train test menggunakan confusion matrix