**Tree**

**node.nb\_instances**  
1. in [1, 1 + 49/3[  
2. in [1 + 49/3, 1 + 98/3]  
3. in ]1 + 98/3, 50]  
**height**  
4. in [1, 1 + 48/3[  
5. in [1 + 48/3, 1 + 96/3]  
6. in ]1 + 96/3, 49]

**height\_vs\_size**  
7. in [0.0, 1/3[  
8. in [1/3, 2/3]  
9. in ]2/3, 1.0]

**leaf\_balanced**  
10. in [0.0, 1/3[  
11. in [1/3, 2/3]  
12. in ]2/3, 1.0]

**height\_balanced**  
13. in [0.0, 1/3[  
14. in [1/3, 2/3]  
15. in ]2/3, 1.0]

**size\_balanced**  
16. in [0.0, 1/3[  
17. in [1/3, 2/3]  
18. in ]2/3, 1.0]