Classification Accuracy of monk2 Dataset 3 OSDT-Train **OSDT-Test** 0.90 **CART-Train CART-Test** 0.85 BinOCT-Train BinOCT-Test 0.80 Accuracy 0.70 0.65 0.60 0.55 0.50 5 10 15 0 20 25 30 35

Number of Leaves