

**vertex\_control ≤ 3.458**  
**entropy = 1.0**  
**samples = 1000**  
**value = [503, 497]**  
**class = non-critical**

```
graph TD; A["vertex_control ≤ 3.458  
entropy = 1.0  
samples = 1000  
value = [503, 497]  
class = non-critical"] --> B["entropy = 0.684  
samples = 187  
value = [34, 153]  
class = critical"]; A --> C["entropy = 0.983  
samples = 813  
value = [469, 344]  
class = non-critical"];
```

**entropy = 0.684**  
**samples = 187**  
**value = [34, 153]**  
**class = critical**

**entropy = 0.983**  
**samples = 813**  
**value = [469, 344]**  
**class = non-critical**