

**vertex\_control ≤ 3.59**  
**entropy = 1.0**  
**samples = 1000**  
**value = [500, 500]**  
**class = non-critical**

```
graph TD; A["vertex_control ≤ 3.59  
entropy = 1.0  
samples = 1000  
value = [500, 500]  
class = non-critical"] --> B["entropy = 0.735  
samples = 184  
value = [38, 146]  
class = critical"]; A --> C["entropy = 0.987  
samples = 816  
value = [462, 354]  
class = non-critical"];
```

**entropy = 0.735**  
**samples = 184**  
**value = [38, 146]**  
**class = critical**

**entropy = 0.987**  
**samples = 816**  
**value = [462, 354]**  
**class = non-critical**