

$x[47] \leq -0.5$   
gini = 0.5  
samples = 9000  
value = [4500, 4500]

```
graph TD; A["x[47] ≤ -0.5  
gini = 0.5  
samples = 9000  
value = [4500, 4500]"] --> B["gini = 0.077  
samples = 2678  
value = [108, 2570]"]; A --> C["gini = 0.424  
samples = 6322  
value = [4392, 1930]"];
```

gini = 0.077  
samples = 2678  
value = [108, 2570]

gini = 0.424  
samples = 6322  
value = [4392, 1930]