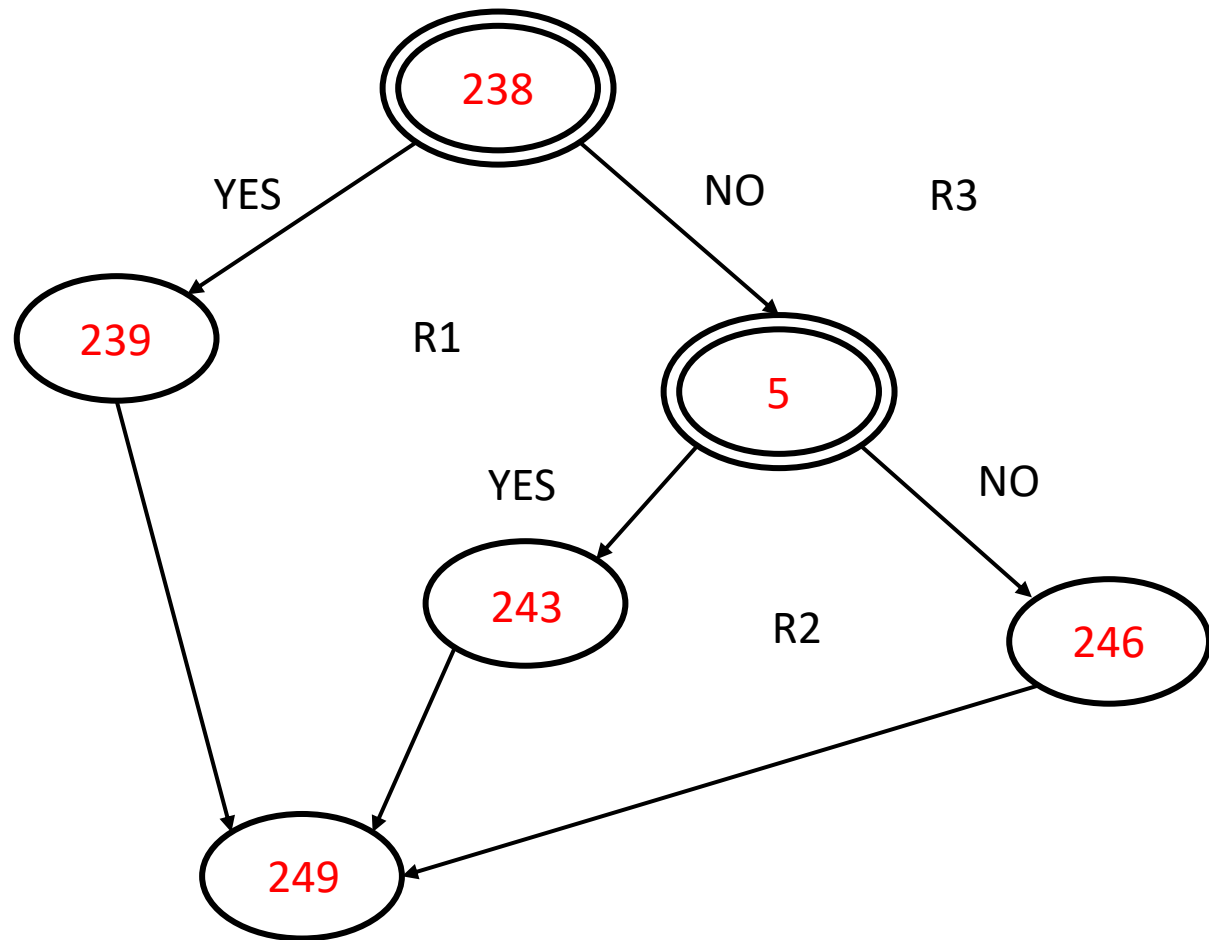


## Control Flow Graph: **calcTax**



$$P = 7$$

$$N = 6$$

$$V(G) = P - N + 2 = 3 \text{ tests cases}$$

3 regions

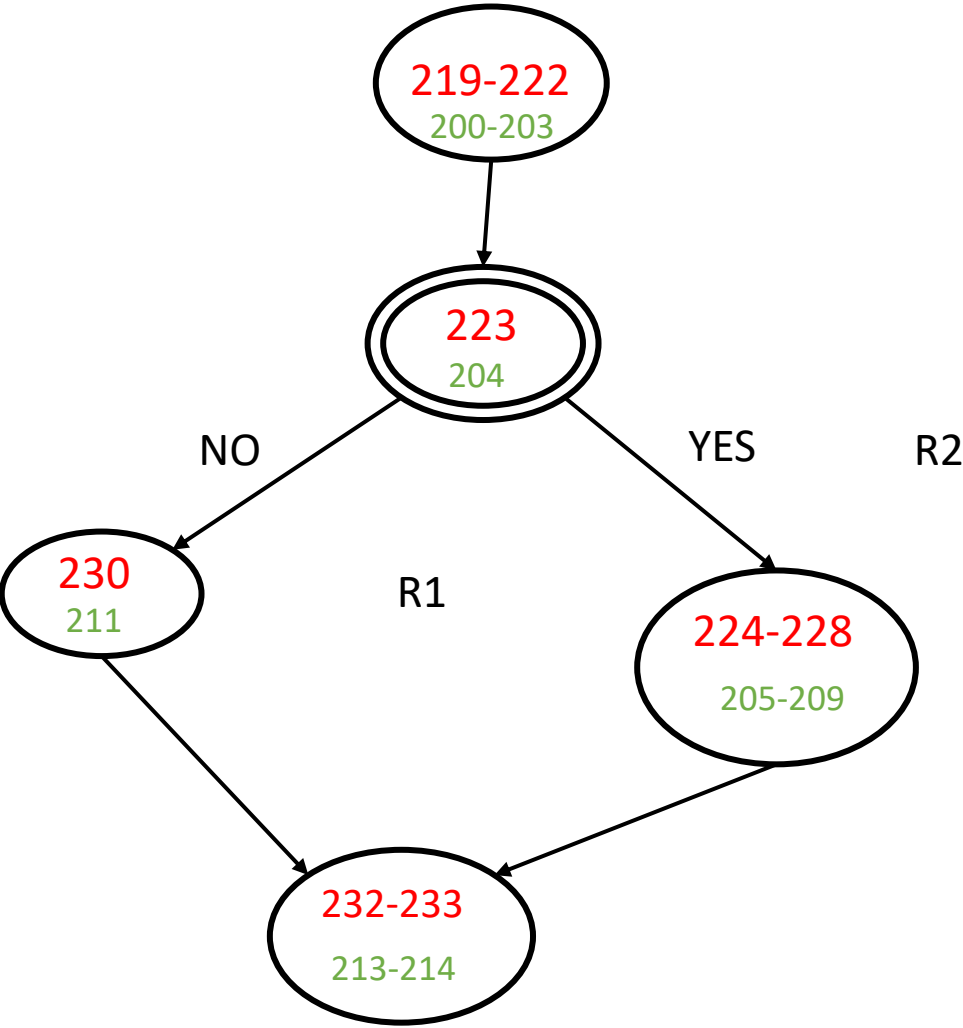
TC1: consumption < 601

TC2: consumption >= 601 AND disc == 0

TC3: consumption >= 601 AND disc != 0

Figure 1

Control Flow Graph: **calcDiscBilNR2**, **calcDiscBilNR1**



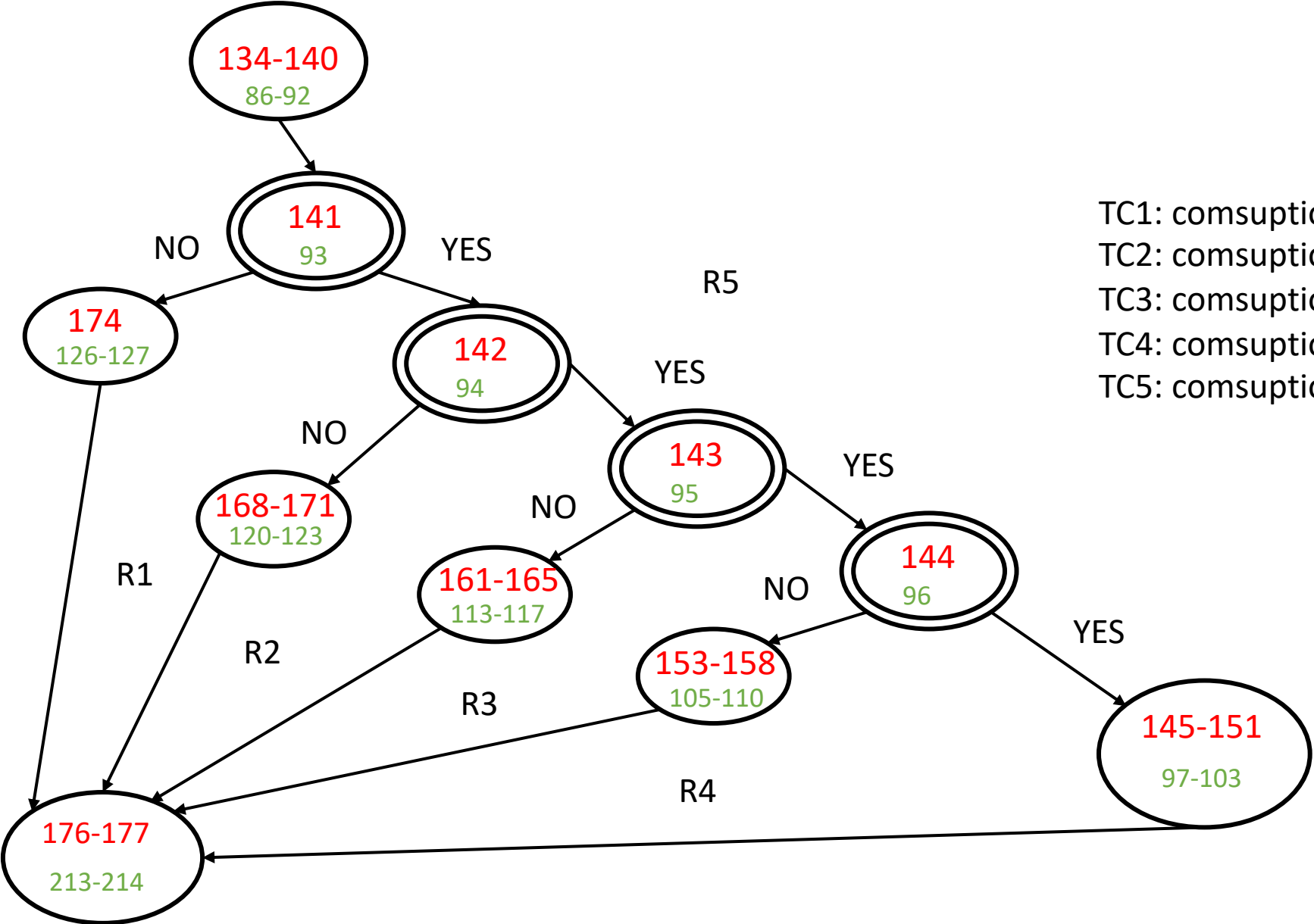
P = 5  
N = 5  
 $V(G) = P - N + 2 = 2$  tests cases  
2 regions

TC1: consuption > 201  
TC2: consuption =< 201

Figure 2

Control Flow Graph: **calcDiscBilR**, **calcNoDiscBilR**

P = 14  
N = 11  
 $V(G) = P - N + 2 = 5$  tests cases  
5 regions



TC1: comsuption > 201  
TC2: comsuption > 301  
TC3: comsuption > 601  
TC4: comsuption > 901  
TC5: comsuption <= 200

Figure 3