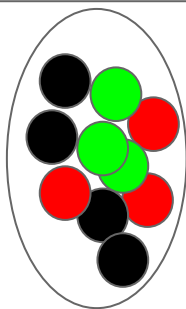


What are testers?

set S



sampler $F(.)$



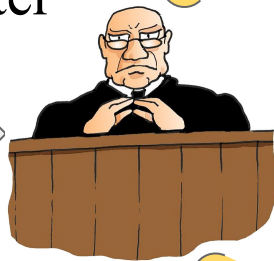
weight function $wt(.)$

$$wt(\text{red}) = 1$$

$$wt(\text{black}) = 2$$

$$wt(\text{green}) = 5$$

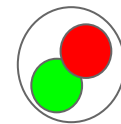
Tester



$$\Pr(F(S) = \text{green}) \neq wt(\text{green}) / wt(S)$$

REJECT

The set on
which $F(.)$
is bad.



$$\Pr(F(S) = \text{green}) \equiv wt(\text{green}) / wt(S)$$

ACCEPT