

Desbalanceamento de Classes



INFORMAÇÃO,
TECNOLOGIA
& INOVAÇÃO

Relembrando

Poucos pacientes com $Y=1$

Classificador trivial: $g(x)=0$



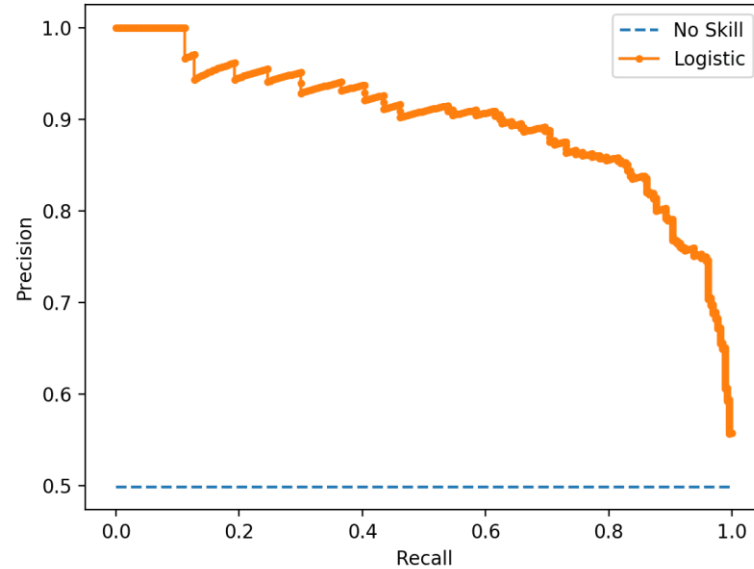
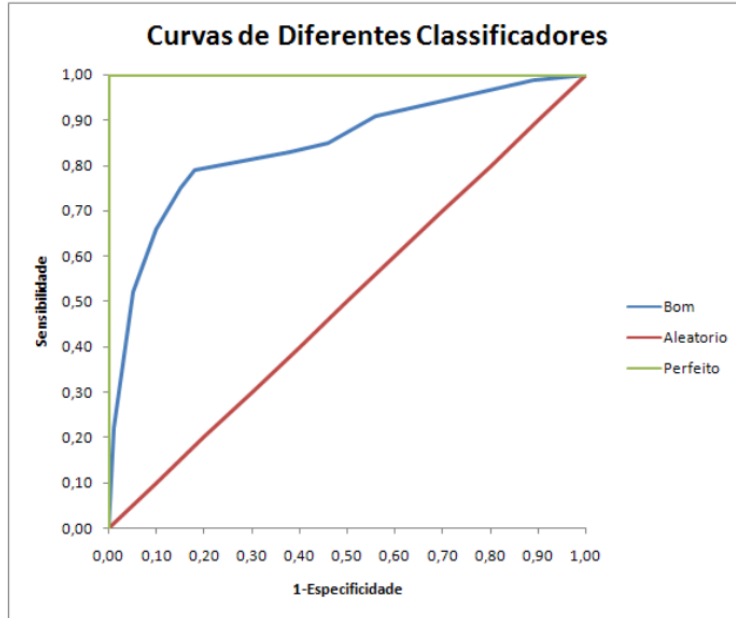
Relembrando

$$g(\mathbf{x}) = \mathbb{I}(\mathbb{P}(Y = 1|\mathbf{x}) \geq 1/2) = 0 \text{ para quase todo } \mathbf{x}$$

$$g(\mathbf{x}) = \mathbb{I}(\mathbb{P}(Y = 1|\mathbf{x}) \geq K)$$



Relembrando

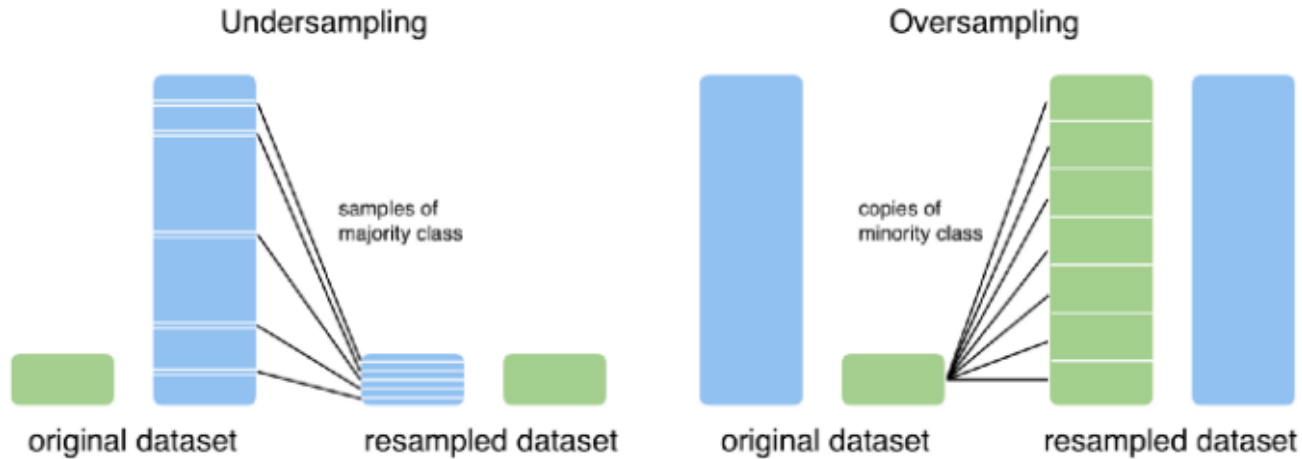


Accuracy paradox

From Wikipedia, the free encyclopedia



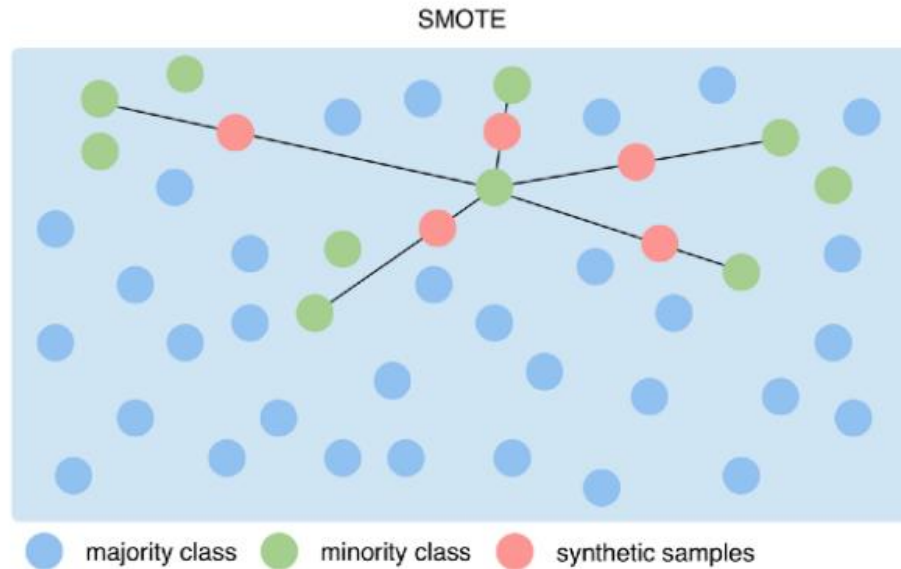
Alternativas



Fonte: <https://medium.com/strands-tech-corner/unbalanced-datasets-what-to-do-144e0552d9cd>



Alternativas



Fonte: <https://medium.com/strands-tech-corner/unbalanced-datasets-what-to-do-144e0552d9cd>



Alternativas

Pesos

