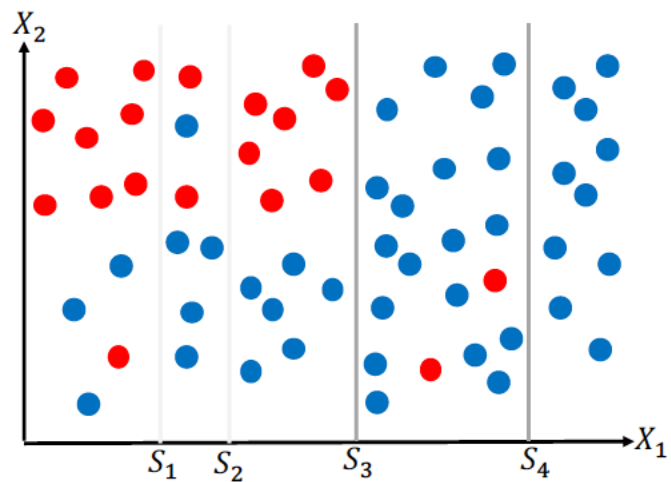$$\Delta i(s,t) = i(t) - p_L i(t_L) - p_R i(t_R)$$

$$i_{Gini}(t) = \sum_{k=1}^{t} p(\tfrac{c_k}{t})(1 - p(\tfrac{c_k}{t}))$$

$$\Delta i(S_4, t) = 0.04$$

$$\Delta i(S_3, t) = 0.22$$