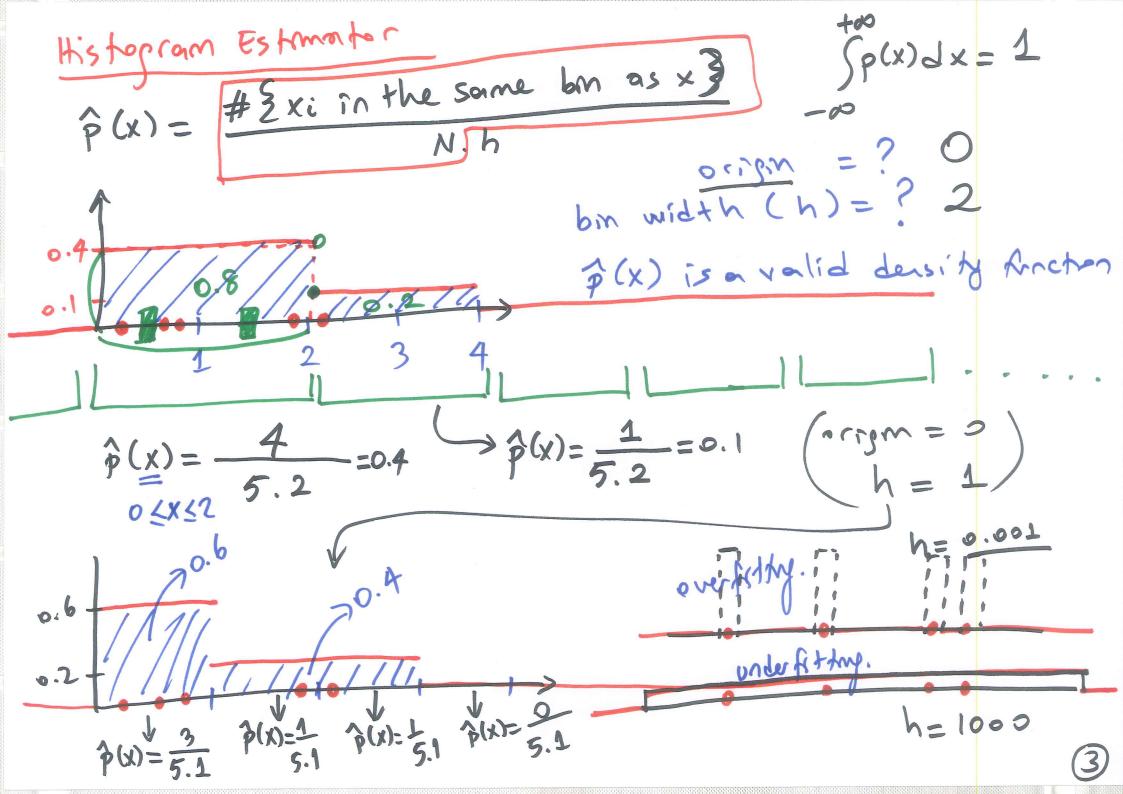
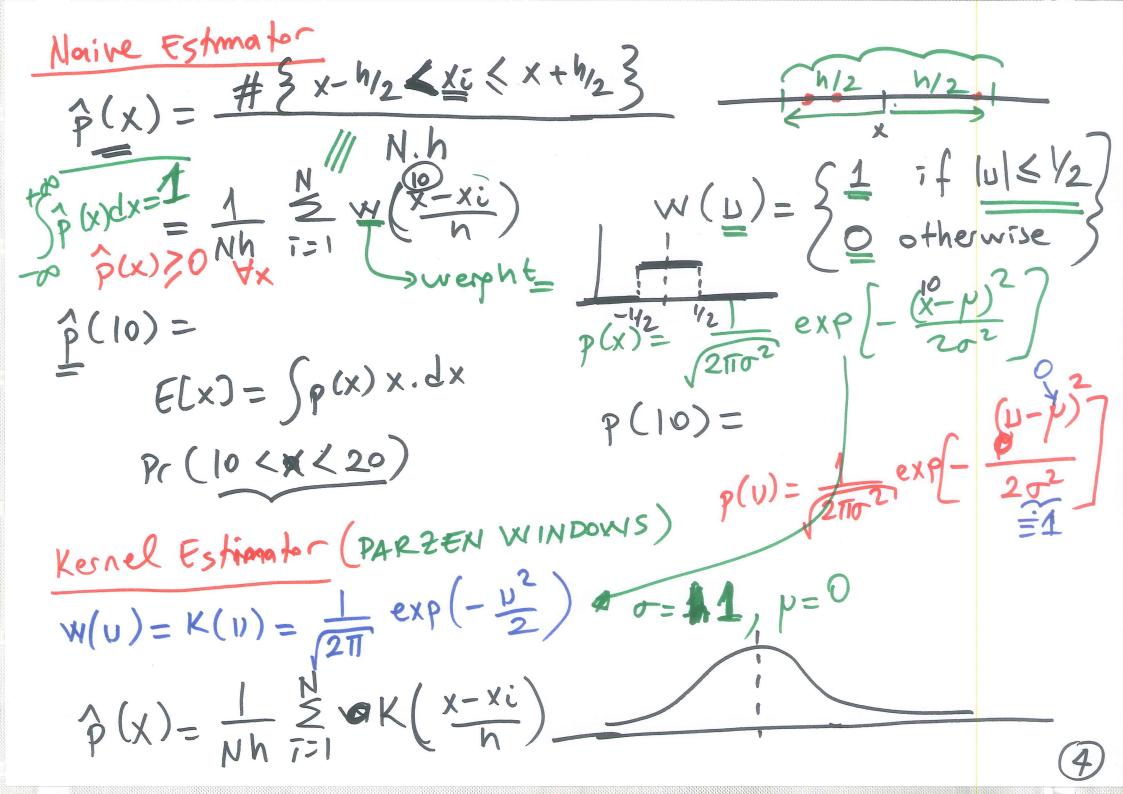
Monparametric Methods f(x) = W.X+Wo Regression if w.x+w0>0 S(w!x+w0) = } Classification N(P, 52) Density estmation similar imputs => similar outputs How do we measure similarity? no parametric form => "data-dependent "local models" (neighborhood)

Monporametric Density Estmation: Pr (Your product will fail)
before two years) logeer x/h 2 years Decumulative distribution furctions -density Purchan = 2 $F(x=a)=P(x \le a)$ country fretun 宇(x)=街至xi人x3 = 三1(xi公x) 1.0-# { xi < x+h3 + { 2xi < x} The (xth) - F(x) Zp(x) Sp(x) dx





K-nearest neighbor estimator" \(\chi \) = N.2dk(x) 2Ndk(x) dk(x): the distance to kth nearest de(x) de(x) dk(x) dk(x) 26 L(X)