Victoria Combardi 9/16/20 (1) Lecture 6
DGP: X, Xn 12 N(0,02)

Standardize

Standardize

Standardize MATH 369 $\hat{\theta} = X N N \left(\theta_{1} \left(\frac{\delta}{\Gamma_{0}} \right)^{2} \right) = X \left(\frac{\delta}{\Gamma_{0}} \right)^{2} = X \left(\frac{\delta}{\Gamma_{0}} \right)$ What if sigma is unknown? In lexactly)
S'estimates o' => S= Vs = estimates o Does X-0 ? N(O,1) NOI But clote! In 1907 Gosset proved: Standard X-O The parameter for the Standard T distr. EXACTLY data from n=10 male student heights x= 40,5 S= 2,07 the Standardized Ha: 0 \$ 70, Ho 0 = 70, x=59 x=2,590 - 2,26







