

STAT 270 Lecture 20  
Fall 2015  
26 October 2015

- I covered up to slide 23 of “Continuous distributions”.
- We have covered up page 91 of the text.
- Problems from the text: 5.13, 5.14, 5.15, 5.16.
- Handwritten slides.
- Key jargon, ideas:
  - The Normal( $\mu, \sigma^2$ ) density has mean  $\mu$  and variance  $\sigma^2$ .
  - You make normal approximations to a distribution by converting a range to standard units: subtract the mean and divide by the SD.
  - You are approximating areas under 1 curve or histogram by areas under the normal curve.