

Homework 10

1. Complete the R markdown exercise using R's built-in Loblolly data set.
2. 11.22
3. Answer the following questions using the example and output in 11.23
 - (a) 11.23a
 - (b) Is there evidence of a significant positive linear trend in angular size of the moon as a function of height above the horizon ? Explain.
 - (c) If the height above the horizon is 10 degrees, what is the angular size of the moon?
 - (d) For each additional 10 degrees in height above the horizon, by how much does the angular size increase?
 - (e) Provide a practical interpretation of Root MSE.
4. 11.28c, 11.61
5. 11.63
6. 11.76 (Graduate students only)