

18.443. Practice Pset 9.

- (1) page 574, No. 4.
- (2) page 574, No. 5.
- (3) page 637, No. 6.
- (4) page 637. For the data in table 10.9 find the 90% confidence intervals for $\beta_0, \beta_1, \sigma^2$ and construct 90% prediction interval for y at $x = 1.5$. Test the hypothesis that $\beta_1 \geq 0$ at the level of significance 0.1.