

- ① 7.23
- ② 7.27 . (Note that problem should read "... to the model cannot decrease the value ...".)
- ③ 7.29 . (Typo: the ref. to R_a^2 is eqn (7.58), not (7.56).)
- ④ 7.33
- ⑤ 7.34
- ⑥ 7.50 . But here, change the true model to be $y_i = \beta_0 + \beta_1 x_i + \beta_2 x_i * I(x_i \geq 0) + e_i$, where $I(x_i \geq 0)$ is an indicator variable that equals 1 if $x_1 \geq 0$, 0 otherwise.