

E2 review

Stat 422

These problems are from the textbook

- (1) 5.1
- (2) 5.2
- (3) 5.27
- (4) 5.35
- (5) 5.36
- (6) 6.1
- (7) 6.33 (assume $N = 10000$ and also include bound with estimations of means)
 - (a) ratio estimator of mean
 - (b) regression estimation of mean
 - (c) difference estimation of mean
 - (d) estimate n of ratio estimator of mean with $B = 35$ lbs
 - (e) calculate REs for:
 - (i) ratio vs. regression
 - (ii) ratio vs. difference
 - (iii) regression vs. difference
 - (iv) srs to ratio
 - (v) which one looks 'better'?
- (8) 7.16
- (9) 7.18