

## Advanced Statistics, 2022

Instructor: Shashi Prabh

### Problem Set 7. Sampling, Confidence interval

#### References

- FPP: Statistics (4/e), Freedman, Pisani, Purves
  - Wasserman: All of Statistics, Springer, 2003
  - JWHT: An Introduction to Statistical Learning with Applications in R, James, Witten, Hastie and Tibshirani, Springer, 2017
  - VS: An Introduction to R, Venables and Smith
1. FPP page 349-51: Exercise set A
  2. FPP page 351-52: 1, 2, 3, 4, 5, 7, 8, 9, 10, 11
  3. FPP page 361-62: Exercise set A
  4. FPP page 366: Exercise set B
  5. FPP page 370: Exercise set C
  6. FPP page 371-73: 1, 2, 3, 5, 7, 9, 10
  7. FPP page 379-80: Exercise set A
  8. FPP page 383: Exercise set B
  9. FPP page 386-7: Exercise set C
  10. FPP page 388: Exercise set D
  11. FPP page 391-92: 1, 2, 4, 6, 7, 8
  12. Wasserman 8.6, pages 116-7, problems 2, 4, 6