## Advanced Statistics, 2022

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## Problem Set 6. 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