

Homework 6

Due: Thursday 4/02/20 by 8:30am

1. Problem 3.16 from the `.pdf` version of the textbook, parts (a), (c)-(f). Requires use of the `solution_concentration` data that has been posted on the Homework page.
2. Problem 3.18 from the `.pdf` version of the textbook. Requires use of the `production_time` data that has been posted on the Homework page.
3. Problem 3.24 from the `.pdf` version of the textbook. Requires use of the `blood_pressure` data that has been posted on the Homework page.
4. Problem 3.32 from the `.pdf` version of the textbook. When the question asks you to “include and justify appropriate remedial measures,” explain what modifications you might make to address assumptions that may not be met, e.g. transformations of X , transformations of Y , or exclusion of one or more outliers. Requires use of the `prostate_cancer` data that has been posted on the Homework page.
5. Problem 6.1 from the `.pdf` version of the textbook.
6. Problem 6.2 from the `.pdf` version of the textbook.