

## STAT 4155/5155 Homework 4

### Cluster Sampling

1. SMOG 8.24 (show how you generated the sample)
2. SMOG 8.25
3. SMOG 8.33 (**part a only**)

### Two-stage Cluster Sampling

4. SMOG 9.2
5. SMOG 9.3
6. SMOG 9.9.

7. **Taking it to the real world...** Read the article, “Sampling for Environmental Flow Assessments.” Identify five statistical sampling points or concepts that you feel you understand better, after our two months of study. Identify one or two statistical sampling points or concepts that aren’t clear to you from reading the paper, and one fish or fish-science-related point regarding which you would like me to explain.