

## LAB SESSION 2

### Outline of lab session:

- Minitab demo of random selection (2L–8),<sup>1</sup>
- very brief review of surveys and sampling (2L–13/14);  
read on your own,
- summary worksheet review (3:30pm): S.3; S.2:1; S.1:2-3,
- individual work on the exercises:  
2:7; 3:4; 2:67; 3:10,14,40,94; x:3 (2:69; 3:18,19,52,95),
  - \* note: recommended order! — also many extras if  
you want to practice a specific type of question,
  - \* (maybe) catch-up/left-over from first lab: 1:65,72; x:1.

### Notes for specific exercises:

- 2.7, 3.14, 3.40: data files at solutions webpage,
- 2.67, 2.69: replace “correlation” by association,
- 3.10, 3.14, 3.40: alternatives to using Table B/A:
  - \* the Simple Random Sample applet (at homepage),
  - \* Minitab/Stata/R,try all methods for 3.14; then use your preferred method,
- 3.52: solution + extra question in lecture notes (2L–15).

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<sup>1</sup> Stata: use `sample` command and `uniform()` function; R: use `sample` and `runif` functions.