

Lab warmup 10/30

Name: _____

1. Briefly, describe a sampling distribution and a bootstrap distribution. How are they different? How are they similar?

2. We've learned some functions from the `infer` package listed below. For each function, describe its use. Also, for the parameters with `name = _____` describe what these parameters do and some possible values for these parameters.

`rep_sample_n(.data, n = _____, reps = _____)`

- `rep_sample_n()`:
- `n`:
- `reps`:

`specify(x, response = _____, explanatory = _____, success = _____)`

- `specify()`:
- `response`:
- `explanatory`:
- `success`:

`generate(x, reps = _____, type = _____)`

- `generate()`:
- `reps`:
- `type`:

`calculate(x, stat = _____, order = _____)`

- `calculate()`:
- `stat`:
- `order`:

`visualize(data, bins = _____)`

- `visualize()`:
- `bins`:

`get_confidence_interval(x, level = _____ type = _____, point_estimate = _____)`

- `get_confidence_interval()`:
- `level`:
- `type`:
- `point_estimate`:

`shade_confidence_interval(endpoints = _____)`

- `shade_confidence_interval()`:
- `endpoints`: