

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: