

# Report worksheet 1

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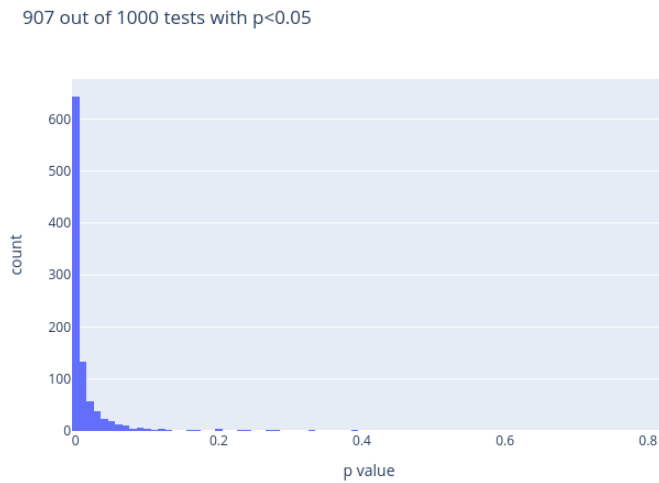
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## Exercise 1

- (a) Please refer to Figure 1.
- (b) Please refer to Figure 2.



Figure 1: Exercise 1a. Histogram of p-values of 1.000 t-tests evaluating if the mean of 10.000 samples from a  $\mathcal{N}(0, 1)$  is equal to zero. Click on the figure to see its interactive version.



(a) Histogram of p-values of 1.000 t-tests evaluating if the mean of 10.000 samples from a  $\mathcal{N}(0.1, 1)$  is equal to zero. Click on the figure to see its interactive version.



(b) Histogram of p-values of 1.000 t-tests evaluating if the mean of 10.000 samples from a  $\mathcal{N}(0.01, 1)$  is equal to zero. Click on the figure to see its interactive version.

Figure 2: Exercise 1b