Review of some general Concepts

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Table of contents

1 General objective

- In this section, we'll review:

– basic probability concepts and various probability distributions.

– some critics ot the use of **p**

1.1 Key Concepts

- Probability basics

- Common probability distributions (binomial, dirichlet, gamma, exponential, log-normal)

- Time to say good-bye to **p**

1.2 Activities

- Review: Unit 3. Bodine et al and the ASA statement.
- Find a paper in your area of expertise and revise the use of p, write down a short analysis (max 1000 words) of the possible ways to solve the problems you might have detected.

1.3 Readings

1.3.1 Must read

- **Unit 3. Bodine et al** Read Online

- **ASA statement** Read Online

1.3.2 Should read

- **Chapter 5. Sokal & Rohlf**

- **Chapter 1. Anderson's perspective on Science and Experimental design** Read Online