CSE 8803 EPI: Data Science for Epidemiology, Fall 2021

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Lecture #

Scribe:

Month XX, 2021

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1 A two paragraph summary of the lecture

Here is an example picture and some text.

1.1 Problem 1

The problem states that we should find x that solves the following equation

$$2x^2 + 4x - 6 = 0 \,. \tag{1}$$

We take the standard algorithm for solving equations of the form $ax^2 + bx + c$ and apply it to Equation 1. This gives us

$$x = \frac{2}{2 \cdot 2} \pm \sqrt{\left(\frac{2}{2 \cdot 2}\right)^2 + \frac{6}{2}} \tag{2}$$

$$= 1 \pm 2 \tag{3}$$

So the solutions are $x = 3$ and $x = -1$.

In Figure 1, we can see an example of a galaxy.
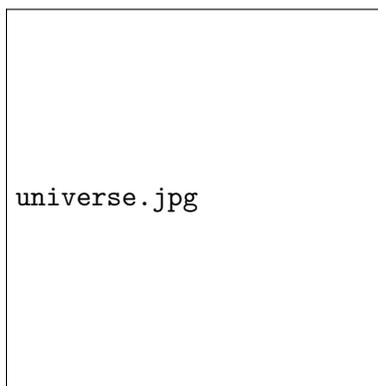
Figure 1: Example figure

2 Introduction

3 Other sections