

## CHAPTER OVERVIEW

### 5: Continuous Random Variables

Continuous random variables have many applications. Baseball batting averages, IQ scores, the length of time a long distance telephone call lasts, the amount of money a person carries, the length of time a computer chip lasts, and SAT scores are just a few. The field of reliability depends on a variety of continuous random variables.

[5.1: Introduction](#)

[5.2: Continuous Probability Functions](#)

[5.3: The Uniform Distribution](#)

[5.4: Exercises](#)

---

This page titled [5: Continuous Random Variables](#) is shared under a [CC BY 4.0](#) license and was authored, remixed, and/or curated by [OpenStax](#) via [source content](#) that was edited to the style and standards of the LibreTexts platform.