Summary of Distributions

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Preface

It is important to us that the read has accessible resources that can support their learning when using the Loss Data Analytics book. This Summary of Distributions aims to assist readers by providing them with distributions used commonly throughout the book. The distributions detailed in this resource represent all of the distributions from the Exam C tables as well as a few other commonly used distributions. In addition to this, each distribution has been graphed and its corresponding density, distribution, quantile, and random function in `R`.

Chapter 1

Discrete Distributions

Placeholder

1.1 (a,b,1) Class Distributions - Zero Truncated

Chapter 2

Continuous Distributions

Placeholder

2.1 One Parameter Distributions

2.2 Two Parameter Distributions

2.3 Three Parameter Distributions

2.4 Four Parameter Distributions

2.5 Other Distributions

2.6 Distributions with Finite Support

2.7 Limited Expected Values