Lab6

Exercises

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Exercise 1

\mathbf{A}

Compare the PDF's and the CDF's of the following Uniform continuous random variables (hint: see page 3 of the slides).

Calculate: 1. $X1 \sim U(0,1)$

```
2. X2 \sim U(-3, 2)
```

```
3. X3 \sim U(2,4)
```

\mathbf{B}

Create a new figure with two vertical panels: first row PDFs, second row CDFs (hint: use the library cowplot and the plot_grid() function to arrange multiple ggplot objects).