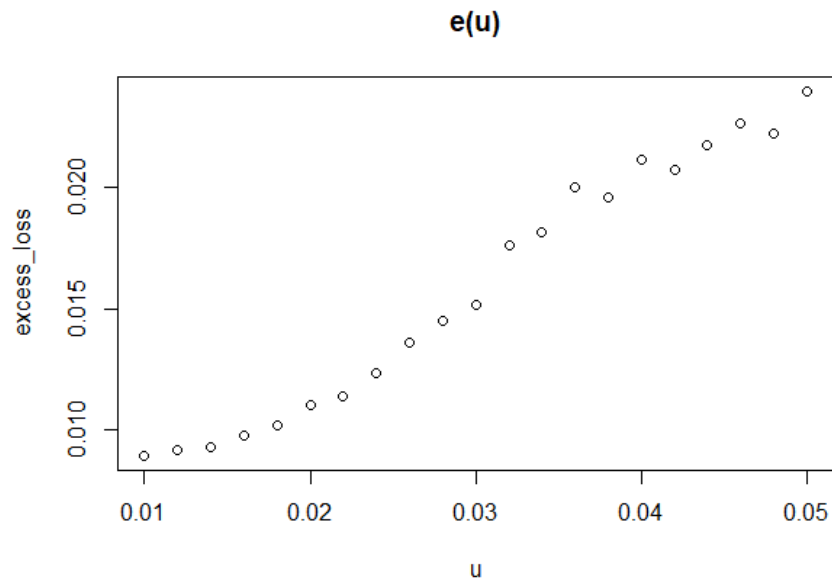Homework 5

Group Member: Yingshan He (yh29)   Shixue Feng (shixuef2)
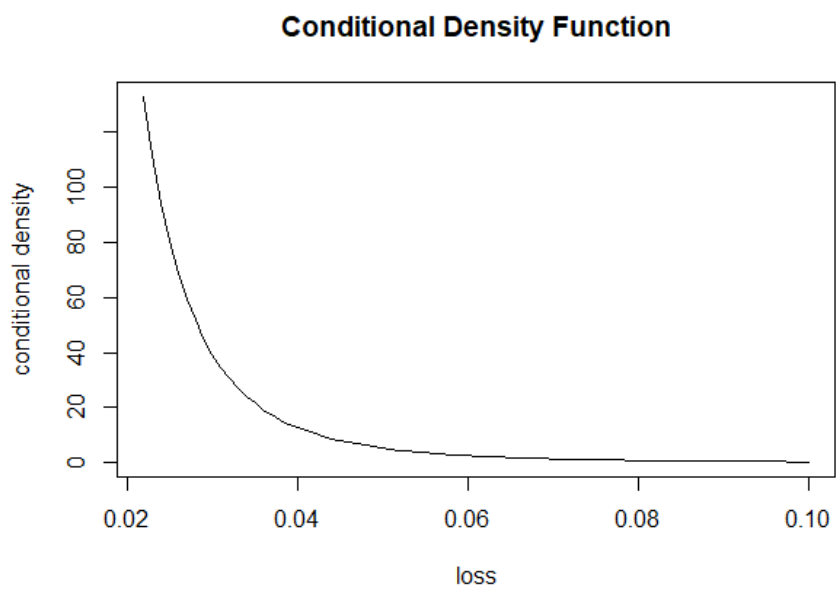
1.

e(u)

2. Number = 240

3. $\xi = 0.338352218498032$ $\beta = 0.00754193004062178$

4.

Conditional Density Function

5. P(X≥0.022) = 0.278907611853574

P(X≥0.05) = 0.00251811917744256

P(X≥0.10) = 0.000327408938175091

Estimated Probability