

Appendix

The R package “actuar: Actuarial Functions and Heavy Tailed Distributions” (<https://CRAN.R-project.org/package=actuar>) was used for the purpose. Following code under the above package was given.

```
A1=rpardo1(3,3,5)
```

```
A2=rpardo1(3,3,5)
```

```
A3=rpardo1(3,3,5)
```

```
data=data.frame(A1,A2,A3)
```

```
write.csv(data, file = "paretok=3,5.csv",row.names = FALSE)
```