h.

```
> library(mltools)
> library(data.table)
> dt <- data.table(x=c(-3,-1,-2,0,1,1.2,2,3,4),
y=c(0.12,0.11,0.11,0.09,0.13,0.09,0.11,0.12,0.12))
>
> dt
      x    y
1: -3.0 0.12
2: -1.0 0.11
3: -2.0 0.11
4:  0.0 0.09
5:  1.0 0.13
6:  1.2 0.09
7:  2.0 0.11
8:  3.0 0.12
9:  4.0 0.12

> empirical_cdf(dt$x, ubounds=seq(1,9,1.0))
   UpperBound N.cum       CDF
1:          1     5 0.5555556
2:          2     7 0.7777778
3:          3     8 0.8888889
4:          4     9 1.0000000
5:          5     9 1.0000000
6:          6     9 1.0000000
7:          7     9 1.0000000
8:          8     9 1.0000000
9:          9     9 1.0000000
>
```