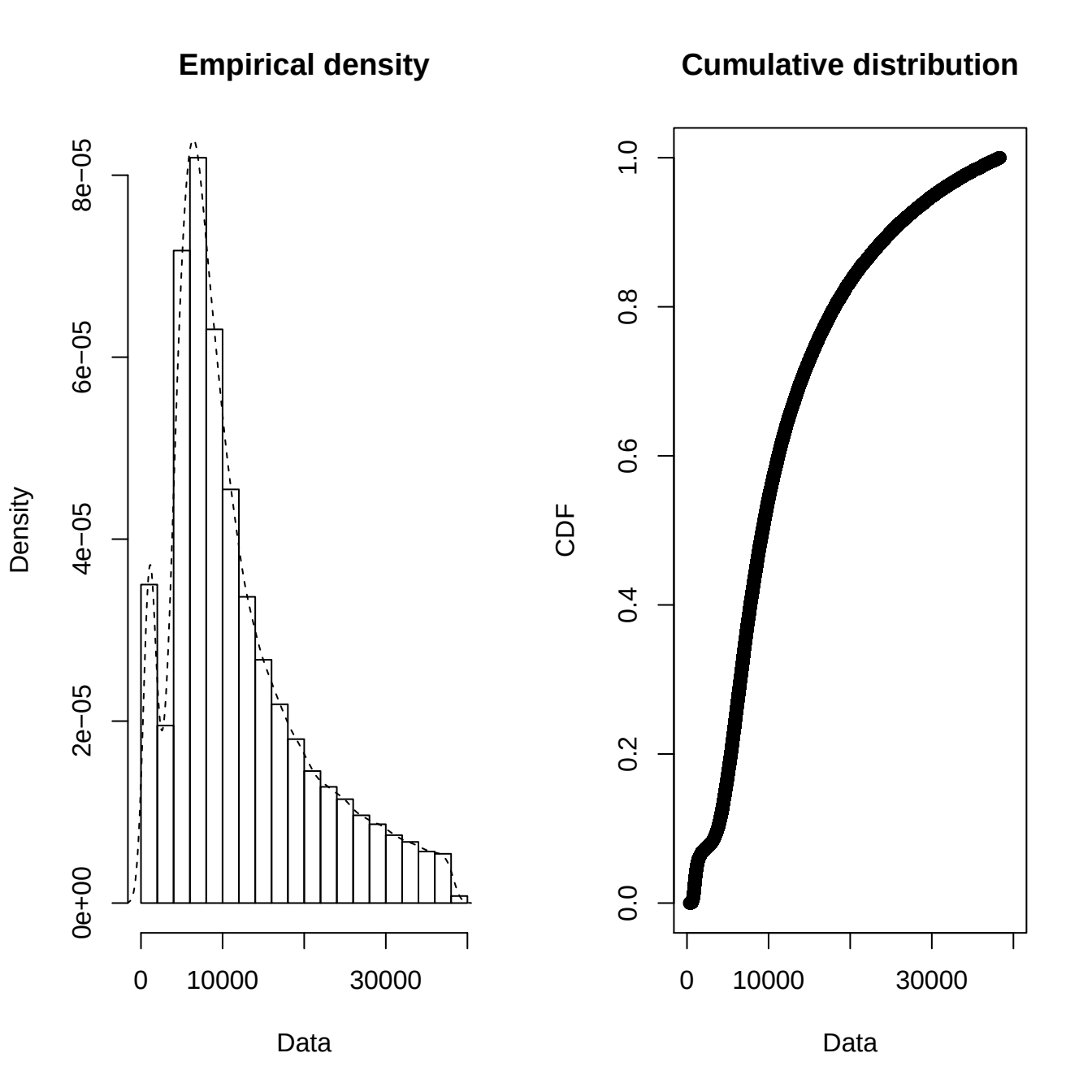
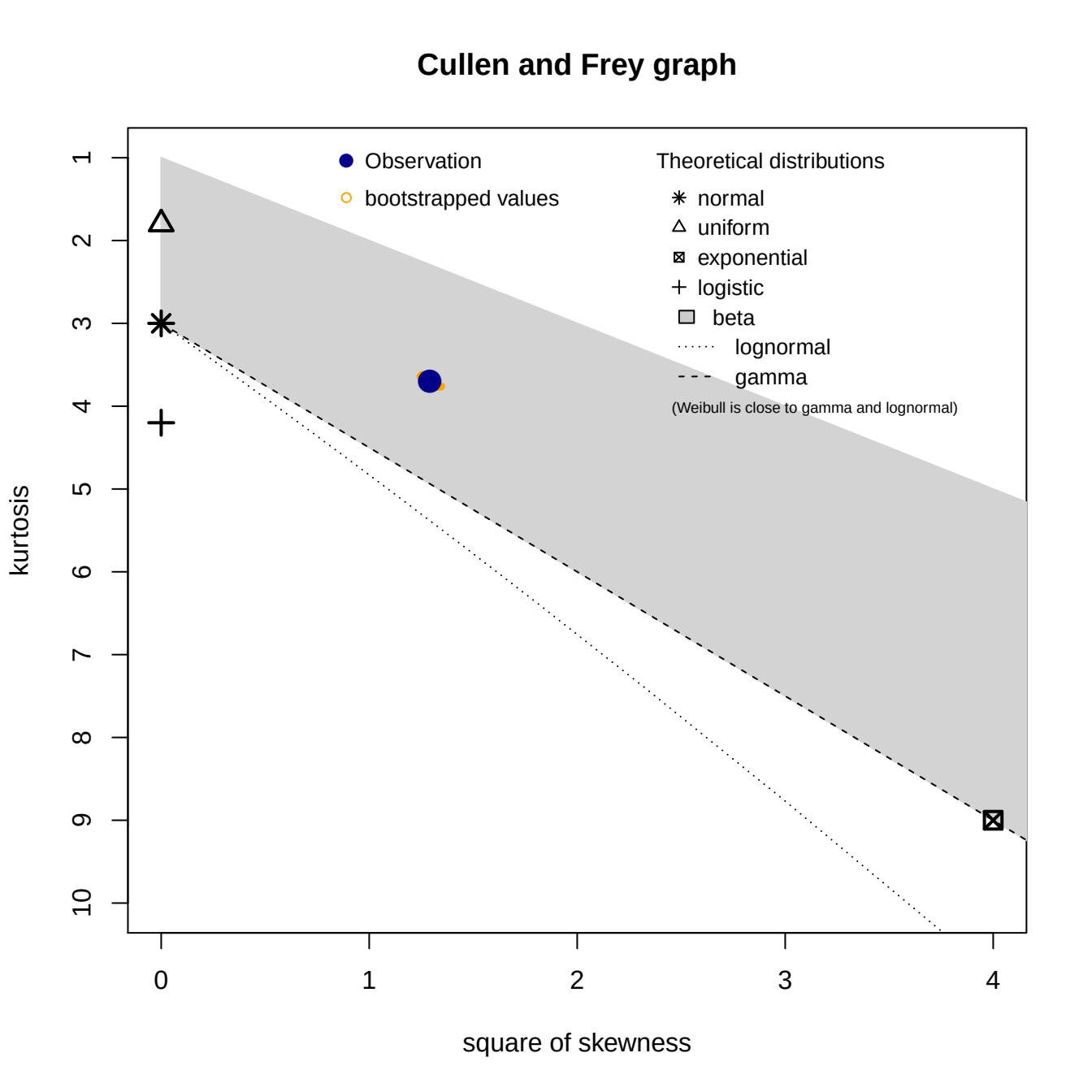
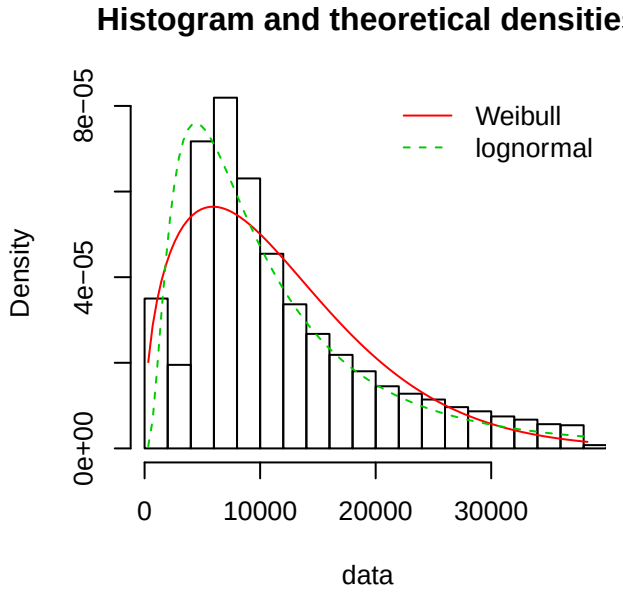
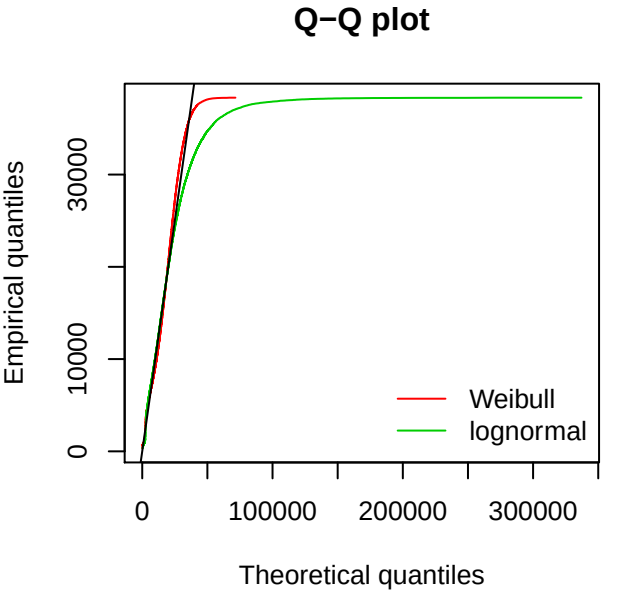
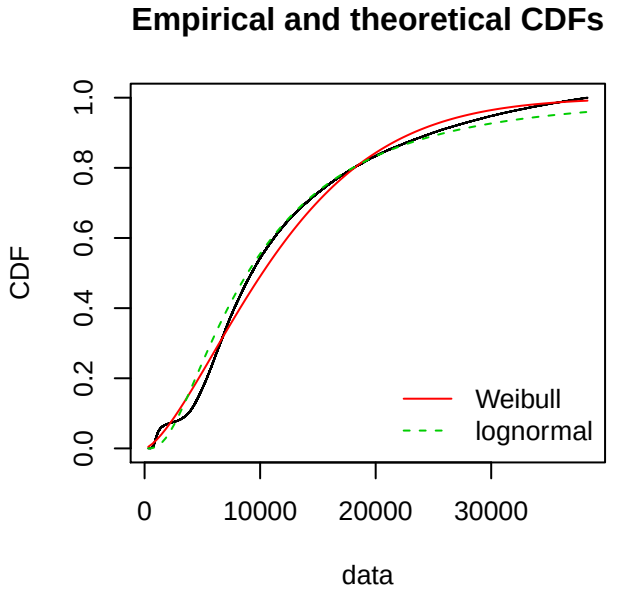
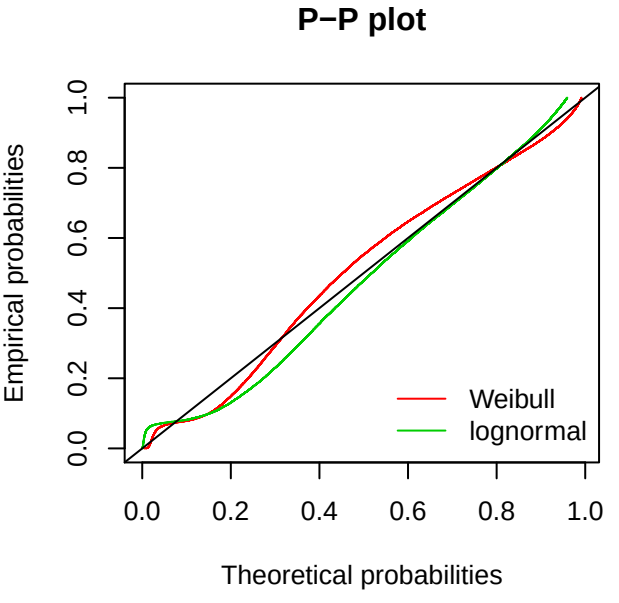

Empirical density
Density
0e+00
2e−05
4e−05
6e−05
8e−05
0
10000
30000
Data
Cumulative distribution
CDF
0.0
0.2
0.4
0.6
0.8
1.0
0
10000
30000
Data


Cullen and Frey graph
Observation
bootstrapped values
Theoretical distributions
normal
uniform
exponential
logistic
beta
lognormal
gamma
(Weibull is close to gamma and lognormal)
kurtosis
square of skewness
1
2
3
4
5
6
7
8
9
10
0
1
2
3
4


Histogram and theoretical densities
Density
0e+00
4e−05
8e−05
0
10000
20000
30000
data
Weibull
lognormal


Q−Q plot
Empirical quantiles
0
10000
30000
0
100000
200000
300000
Theoretical quantiles
Weibull
lognormal


Empirical and theoretical CDFs
CDF
0.0
0.2
0.4
0.6
0.8
1.0
0
10000
20000
30000
data
Weibull
lognormal


P−P plot
Empirical probabilities
0.0
0.2
0.4
0.6
0.8
1.0
Theoretical probabilities
Weibull
lognormal