exponential distribution: a= 7.6 b= −0.87 correlation coeff= −0.85
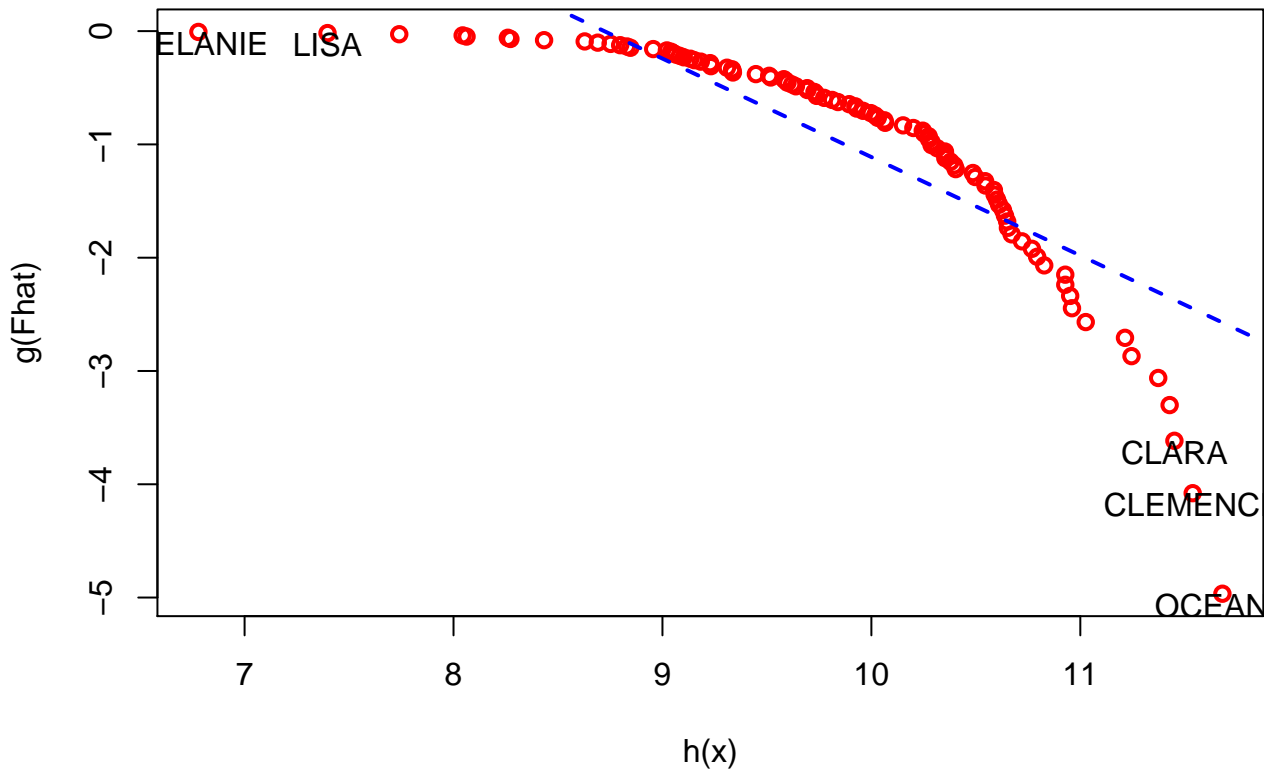
ELANIE LISA

CLARA

CLEMENC

OCEAN

g(Fhat)

h(x)

fisk distribution: a= −40 b= 17 correlation coeff= 0.977

OCEAN

CLEMENC

CLARA

LISA

ELANIE

g(Fhat)

h(x)
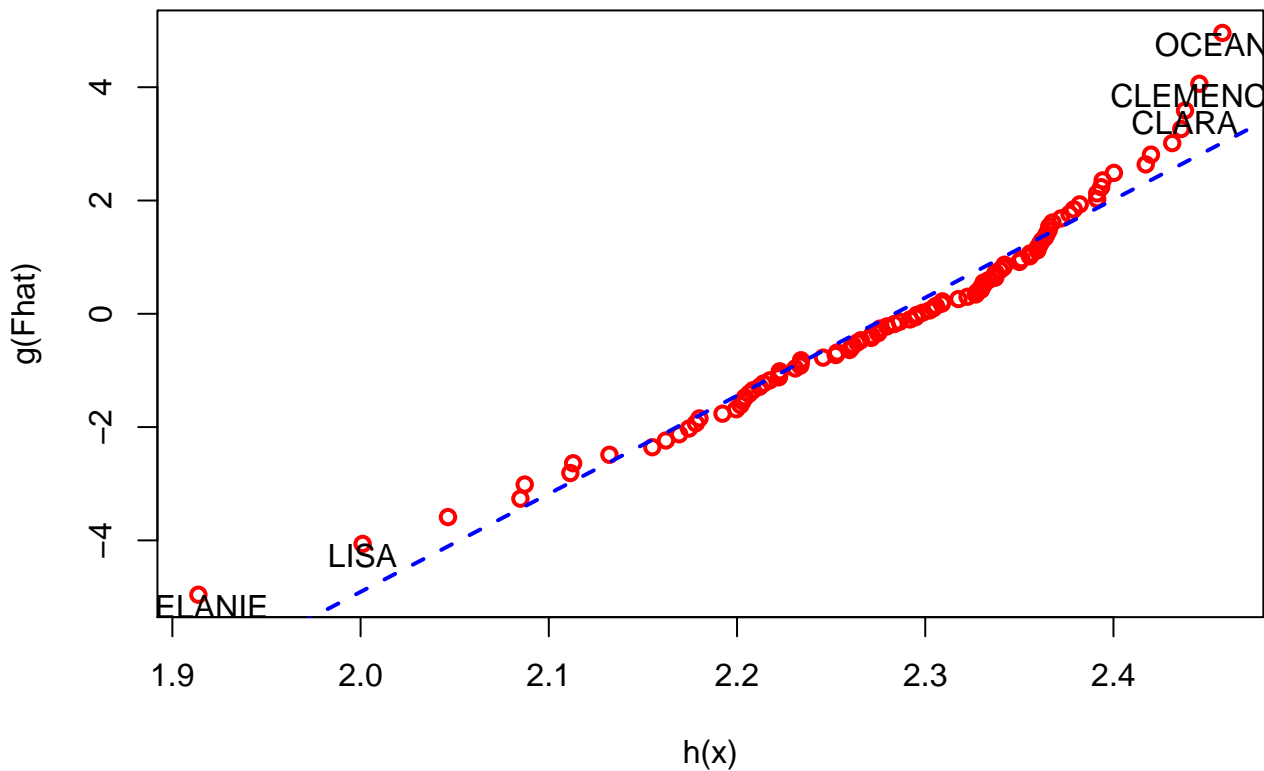
frechet distribution: a= 25 b= −11 correlation coeff= −0.908
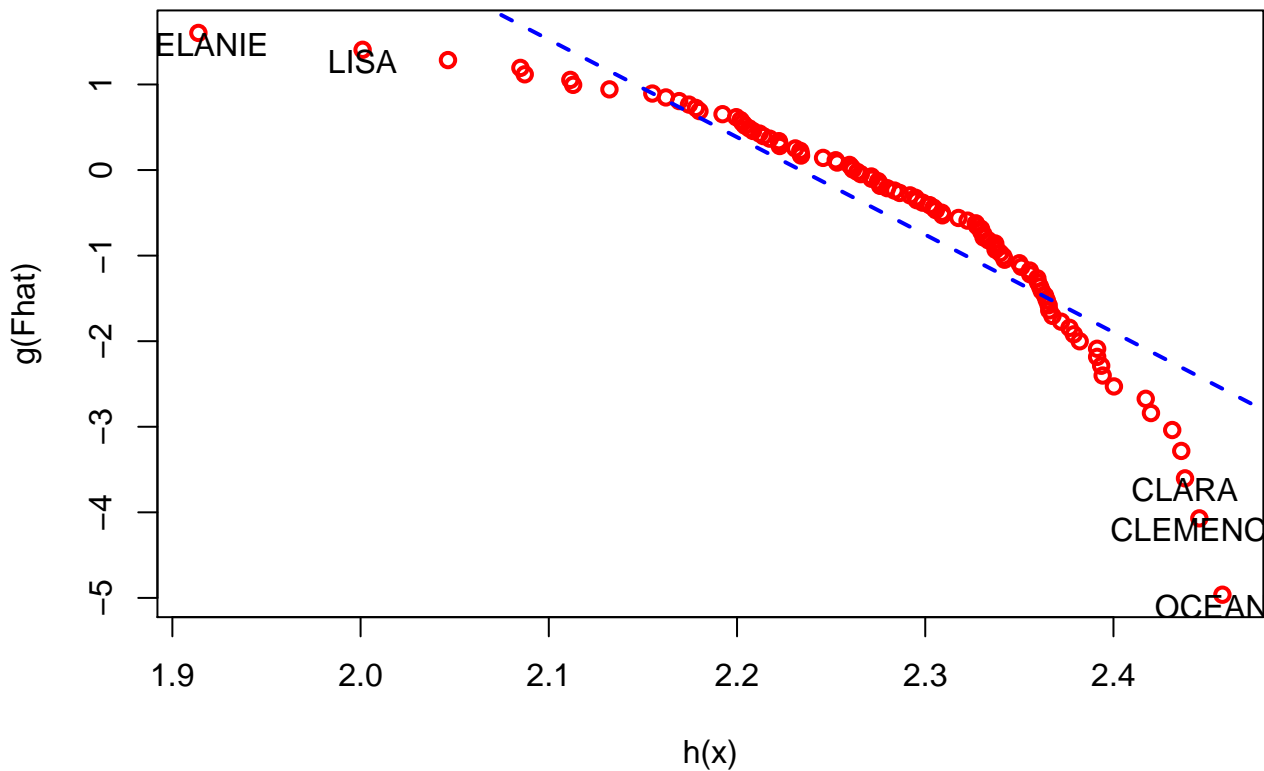
gumbel distribution: a= 12 b= −1.2 correlation coeff= −0.934
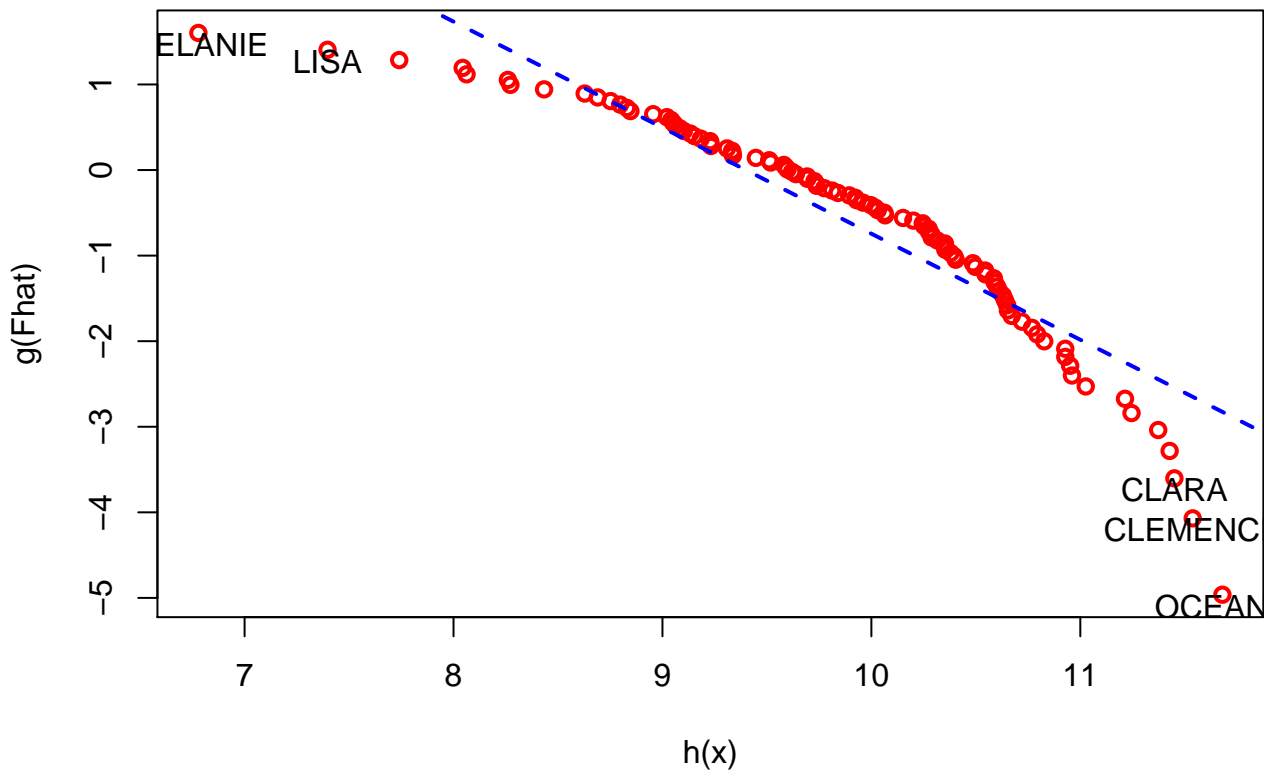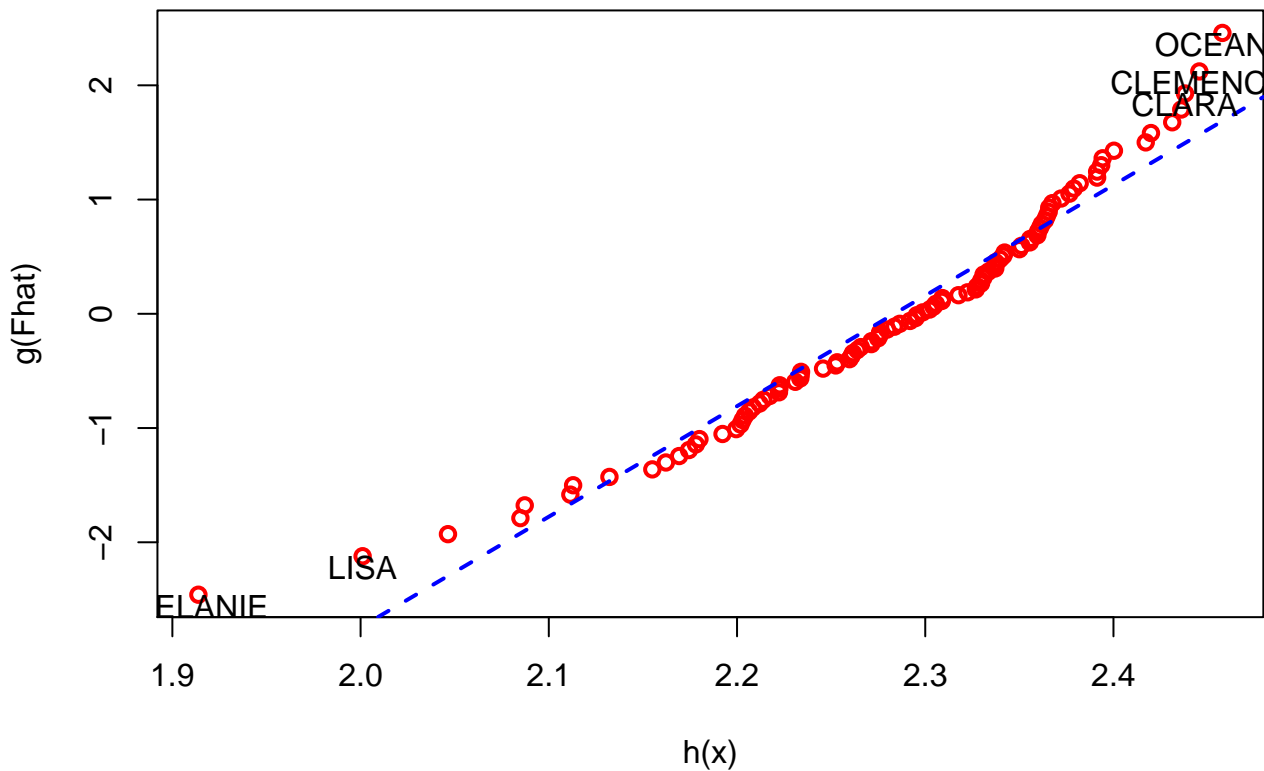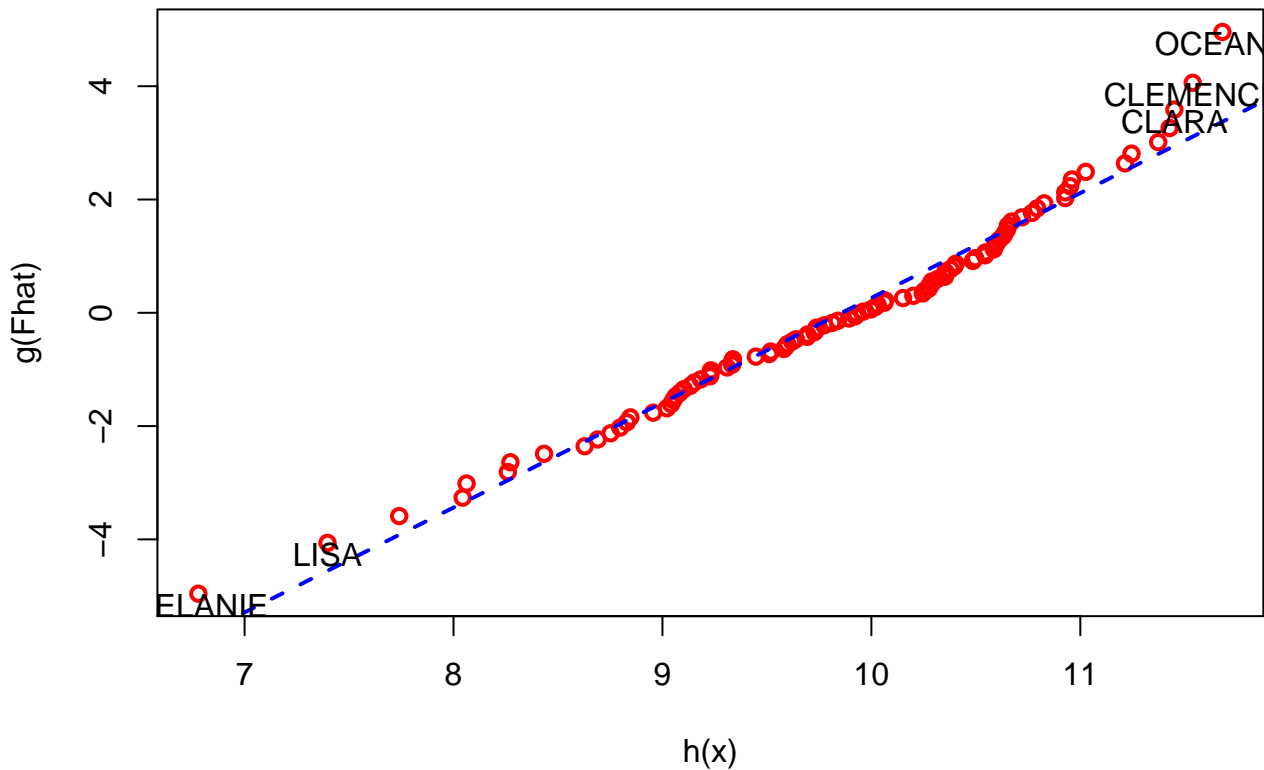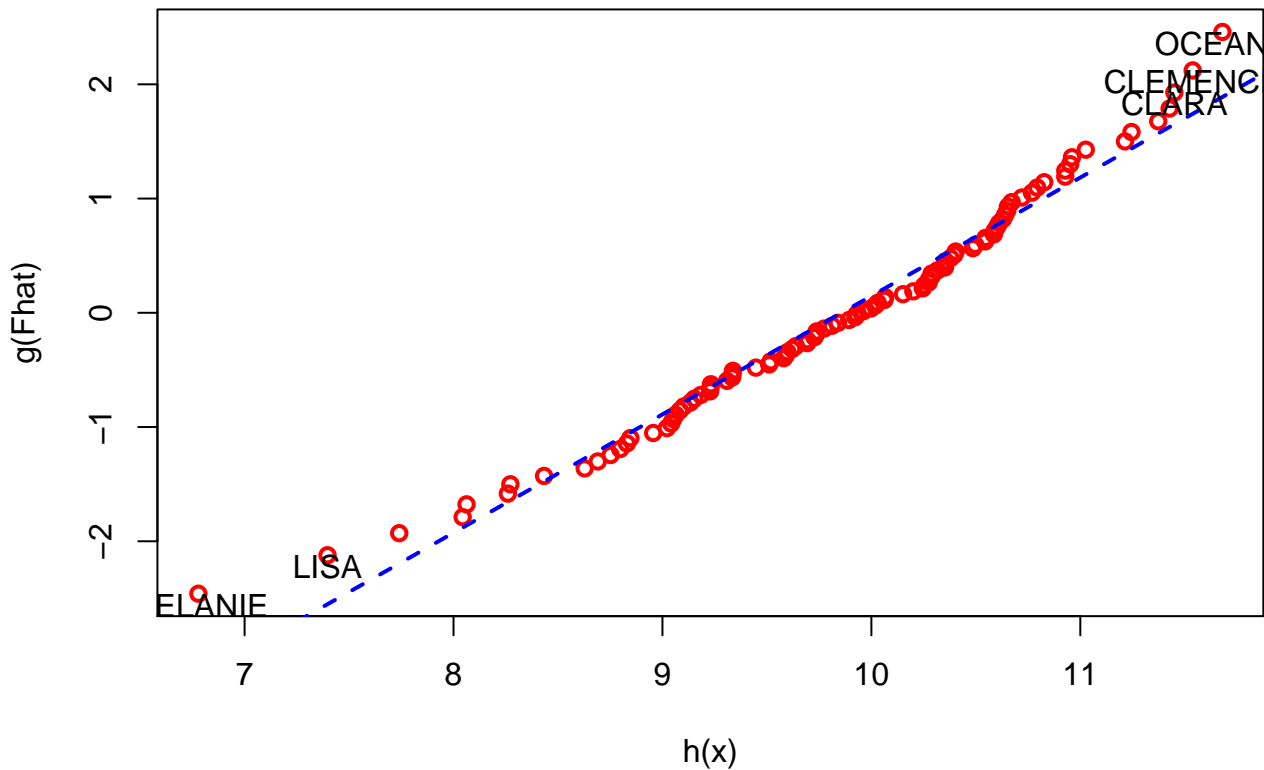
log−normal distribution: a= −22 b= 9.7 correlation coeff= 0.975
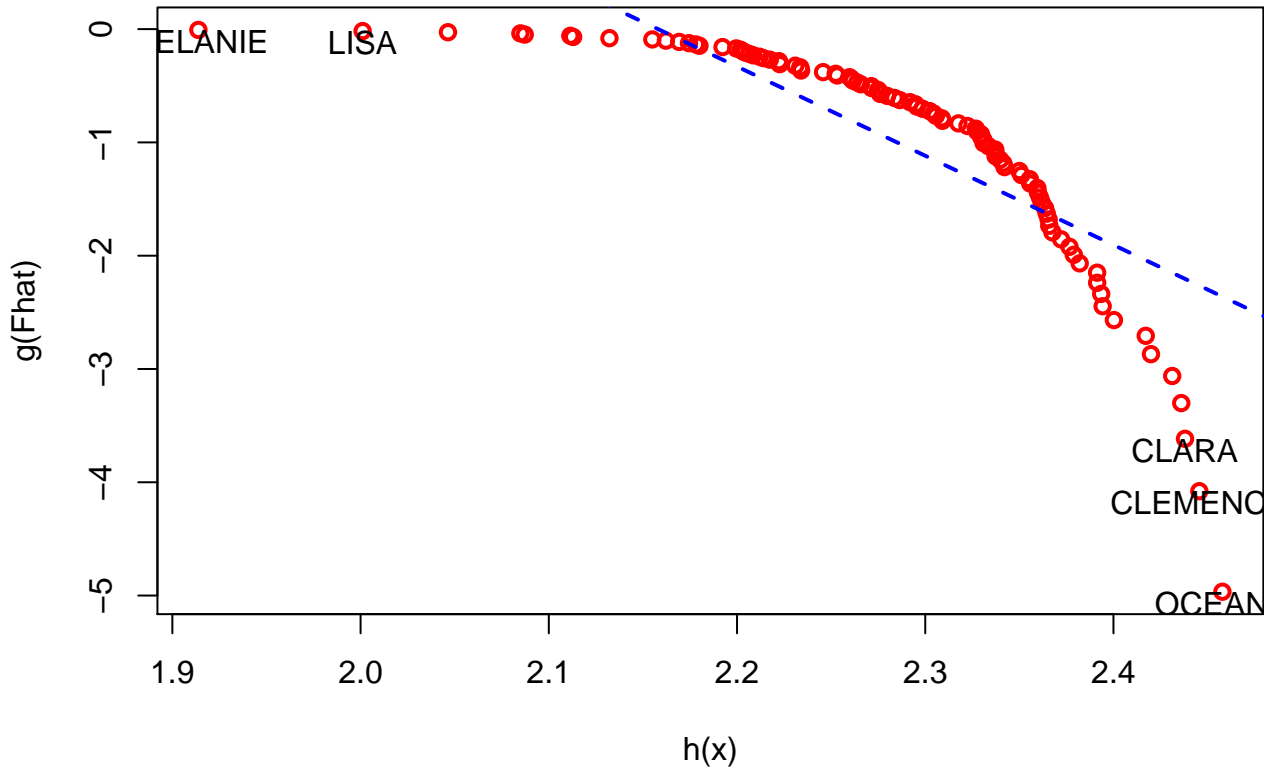
logistic distribution: a= −18 b= 1.9 correlation coeff= 0.988
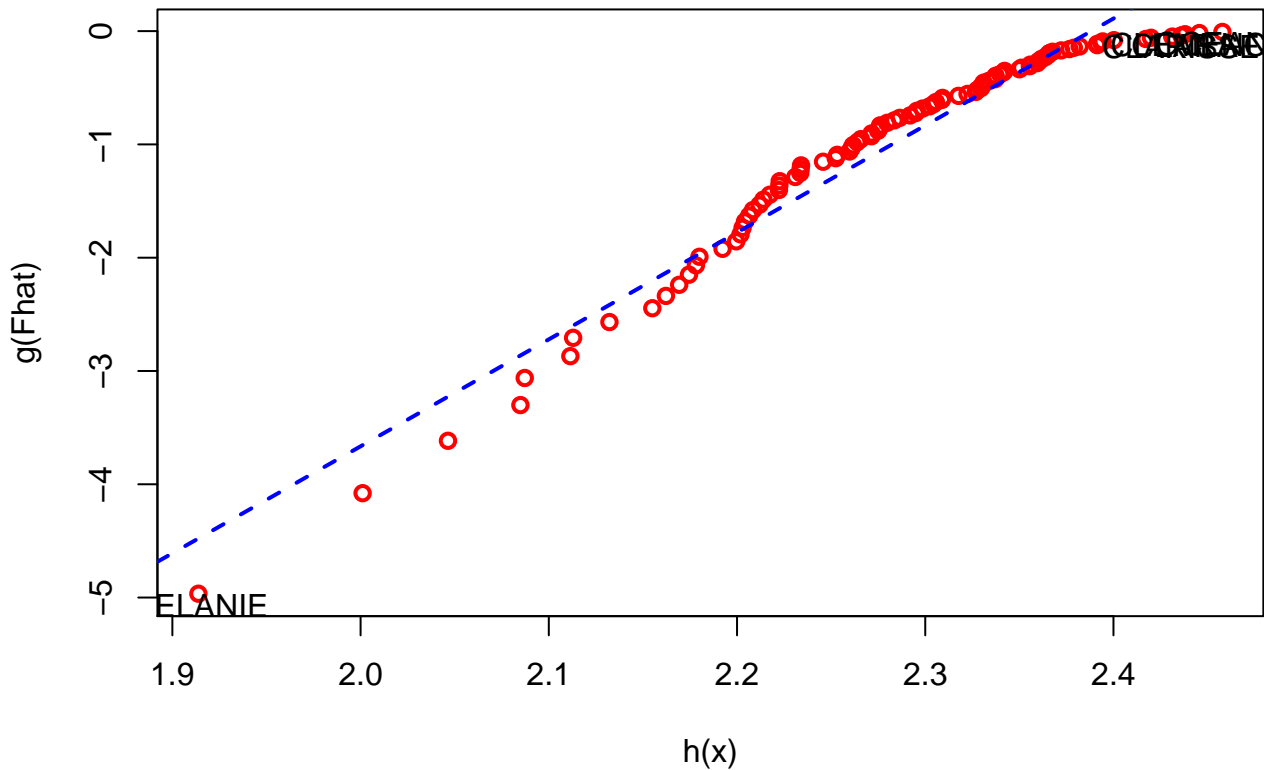
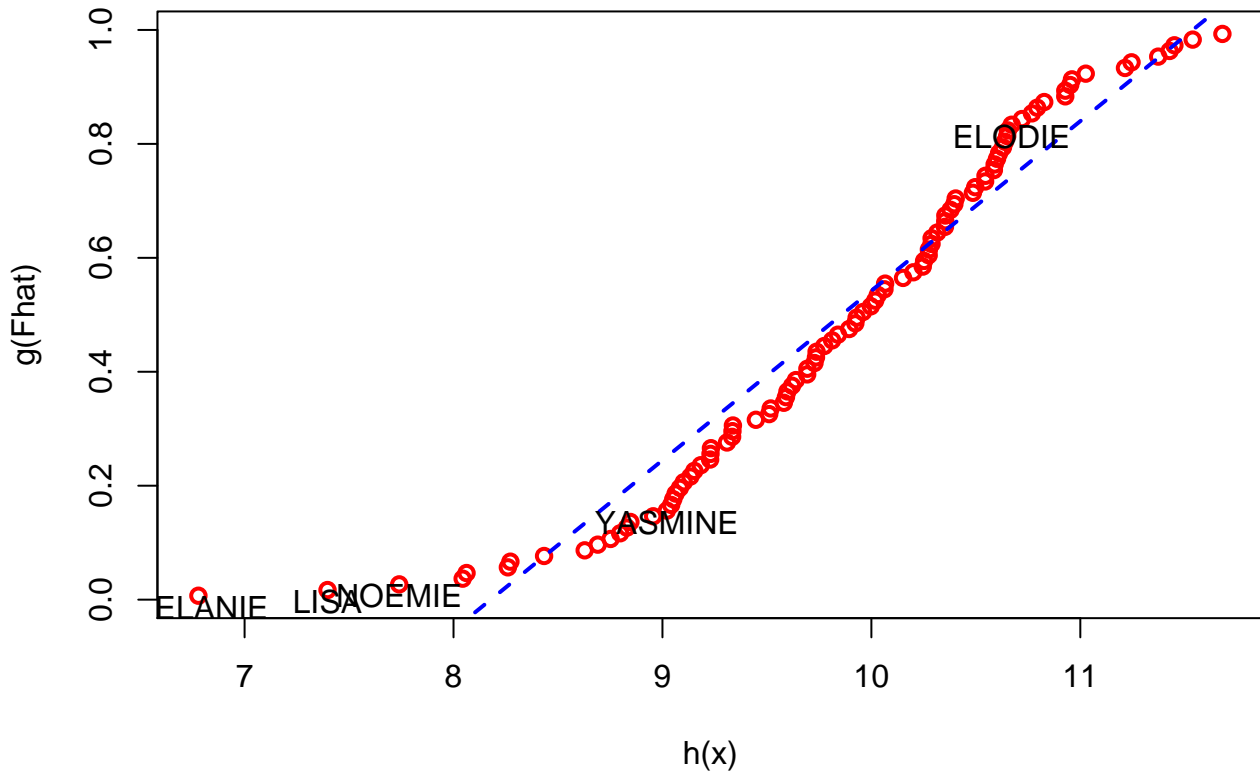**normal distribution: a= −10 b= 1.0 correlation coeff= 0.988**

pareto distribution: a= 17 b= −7.9 correlation coeff= −0.814

power distribution: a= −23 b= 9.4 correlation coeff= 0.977

uniform distribution: a= −2.4 b= 0.3 correlation coeff= 0.966

g(Fhat)

h(x)

ELODIE

YASMINE

ELANIE   LISA NOEMIE

weibull distribution: a= −29 b= 13 correlation coeff= 0.998