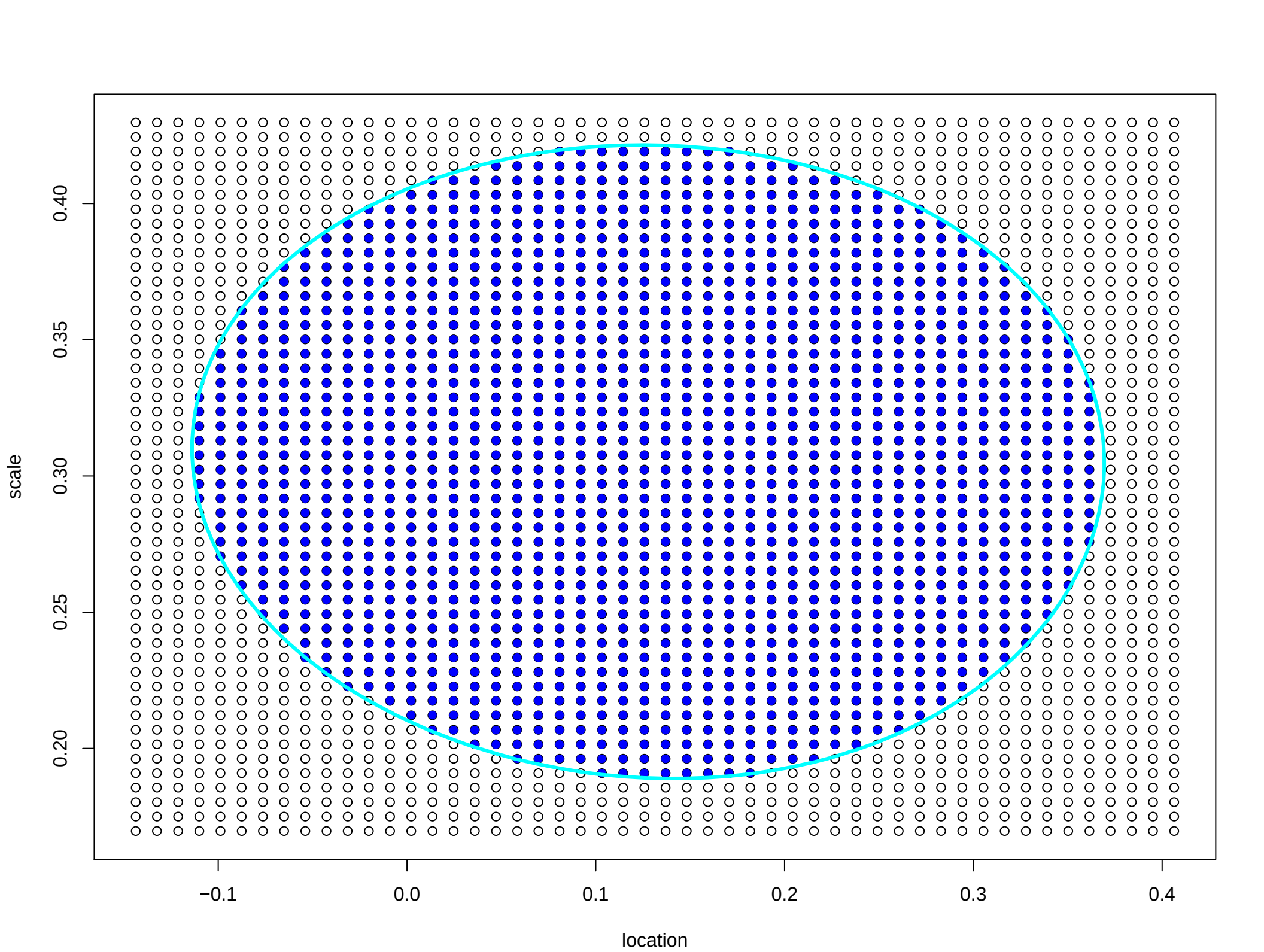
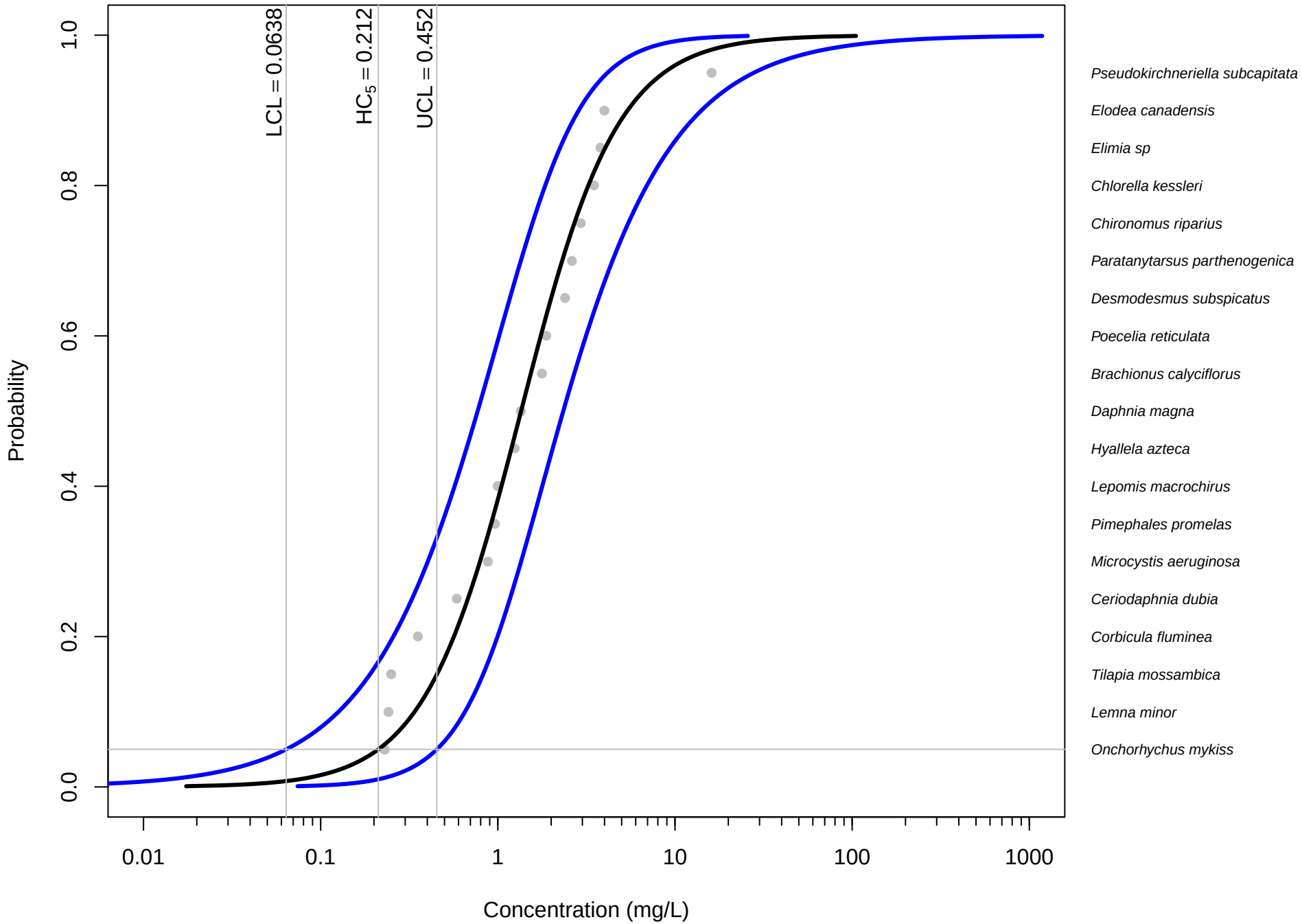
# Data Fits

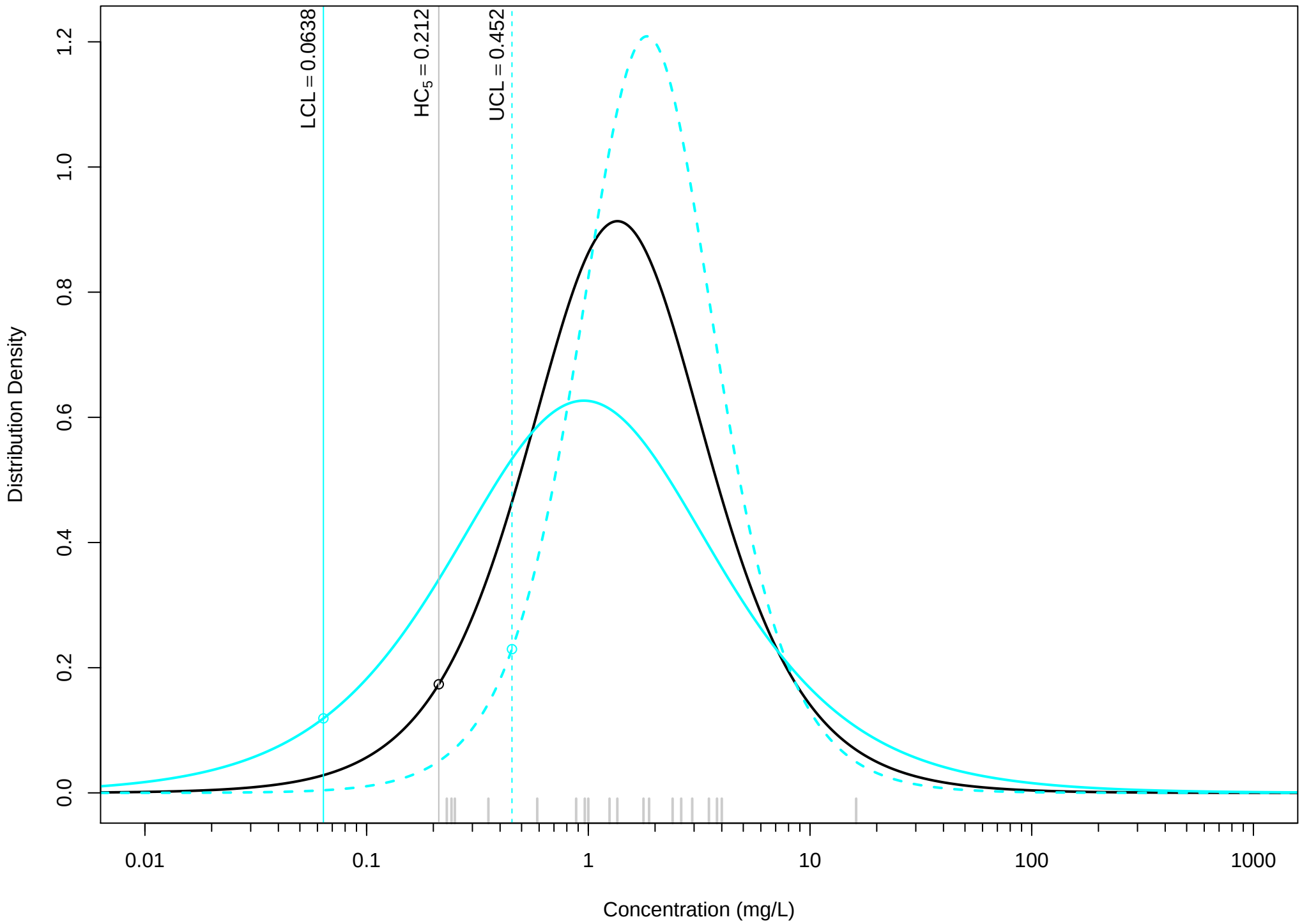
# A:  Logistic Data Fits




Distribution: logis

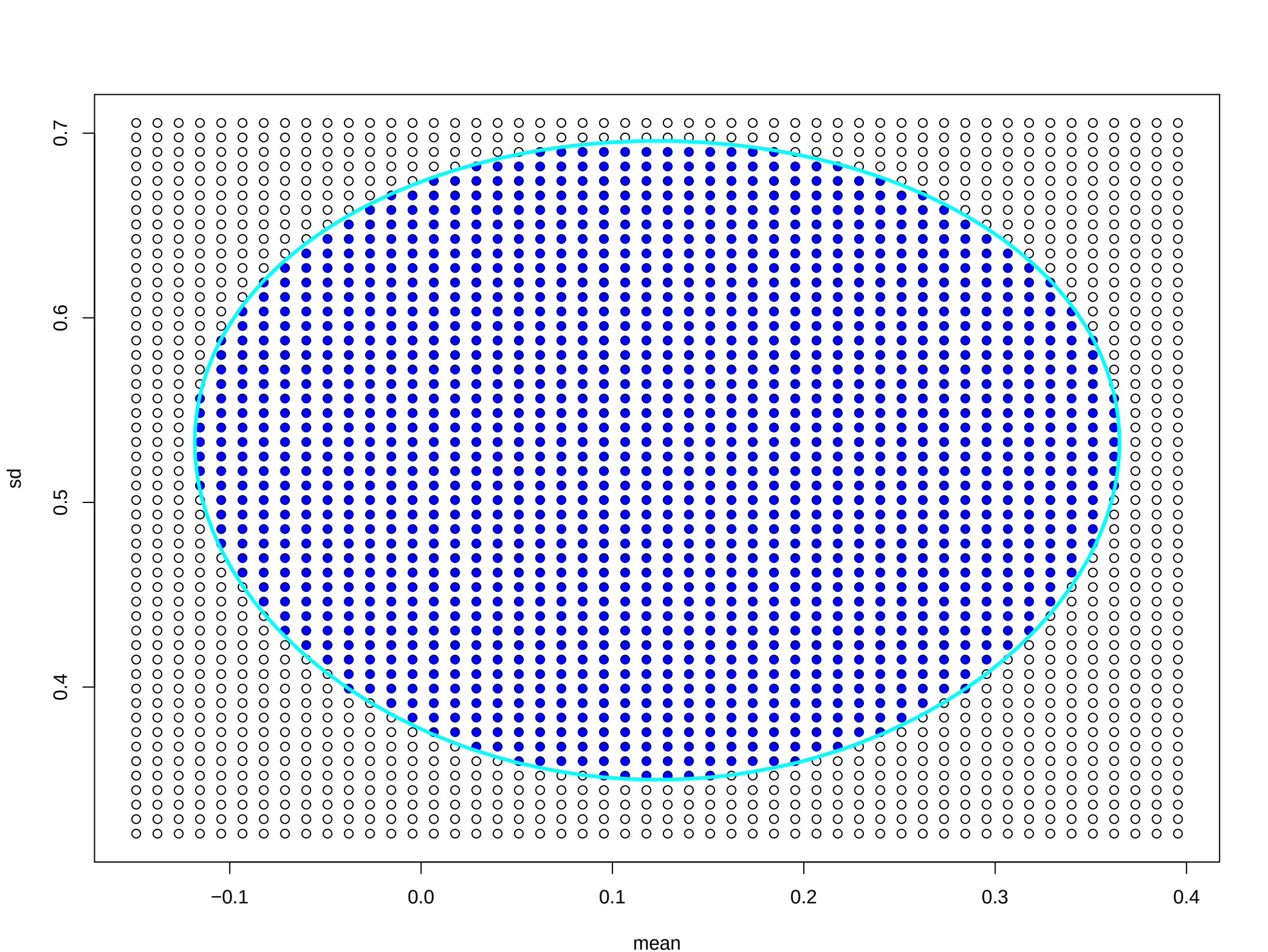



Distribution: logis

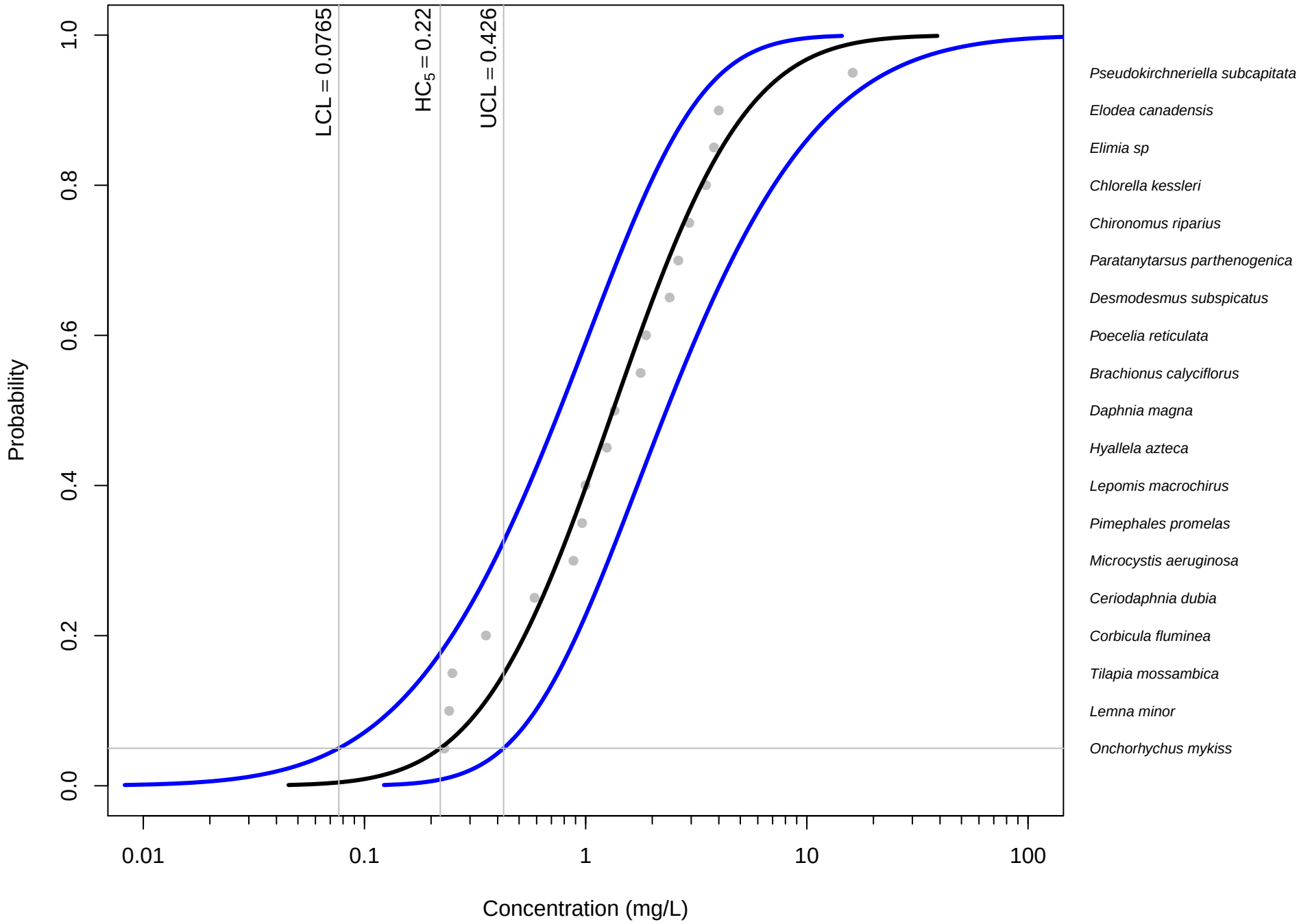



Distribution: logis

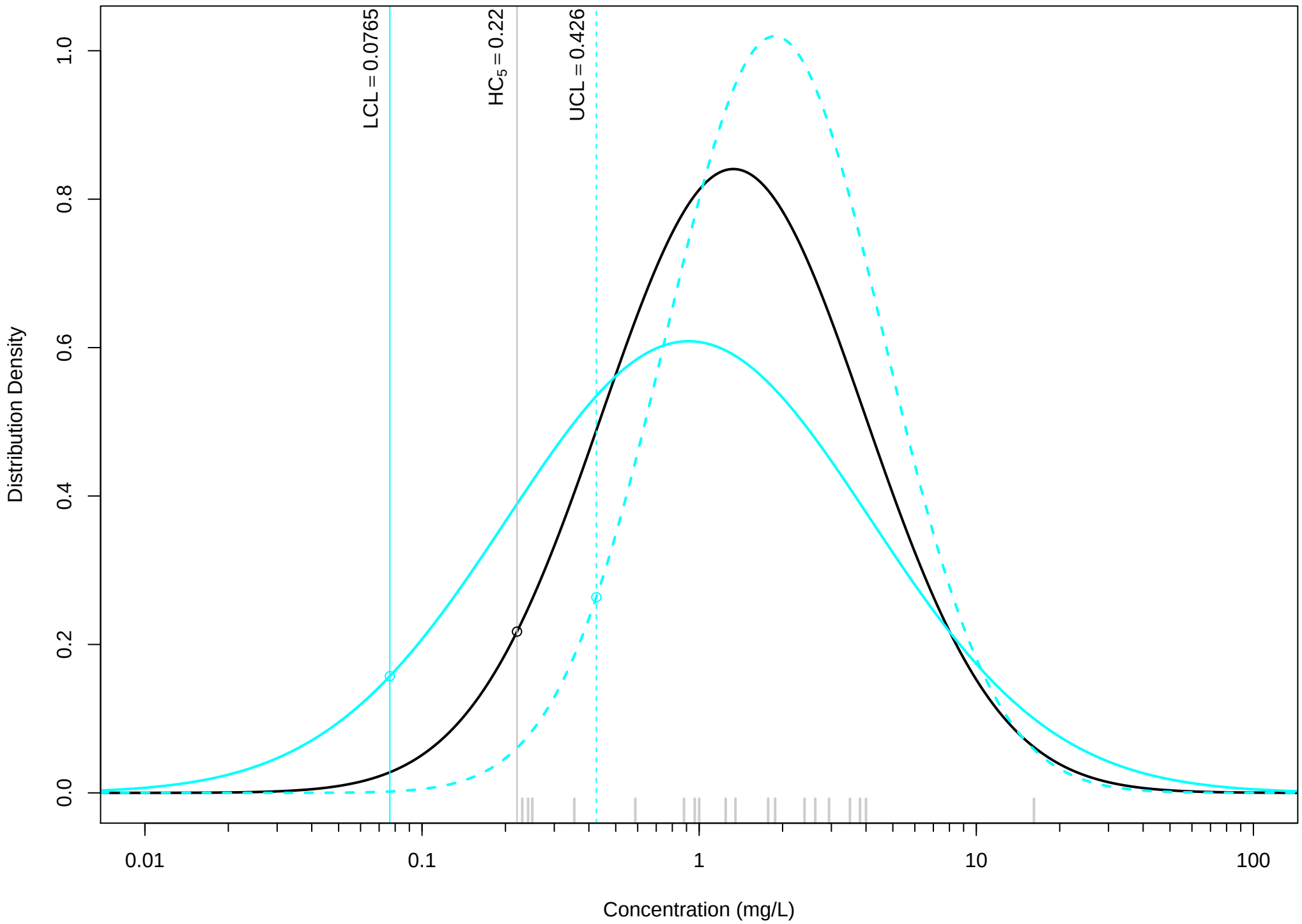
# B:  Normal Data Fits




Distribution: norm

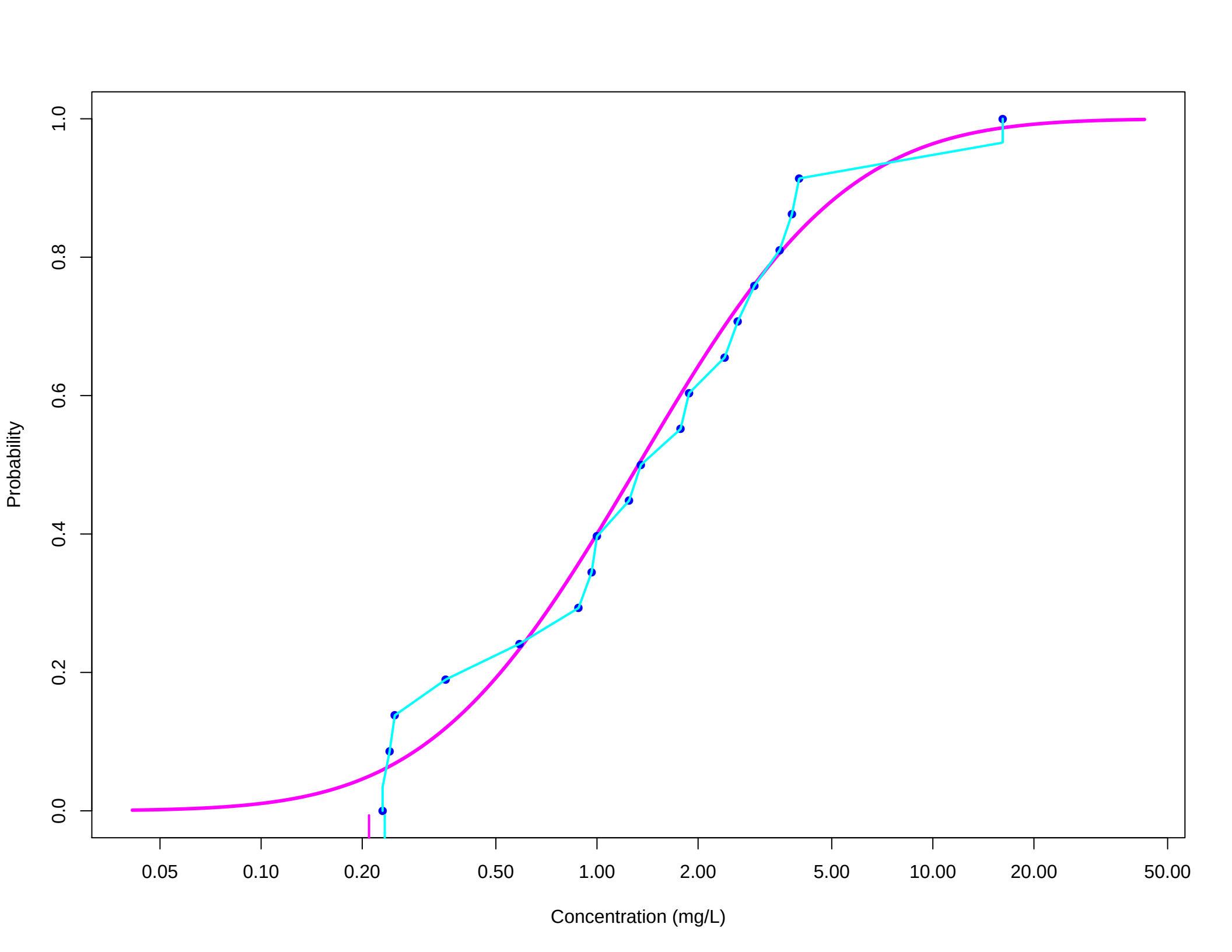



Distribution: norm



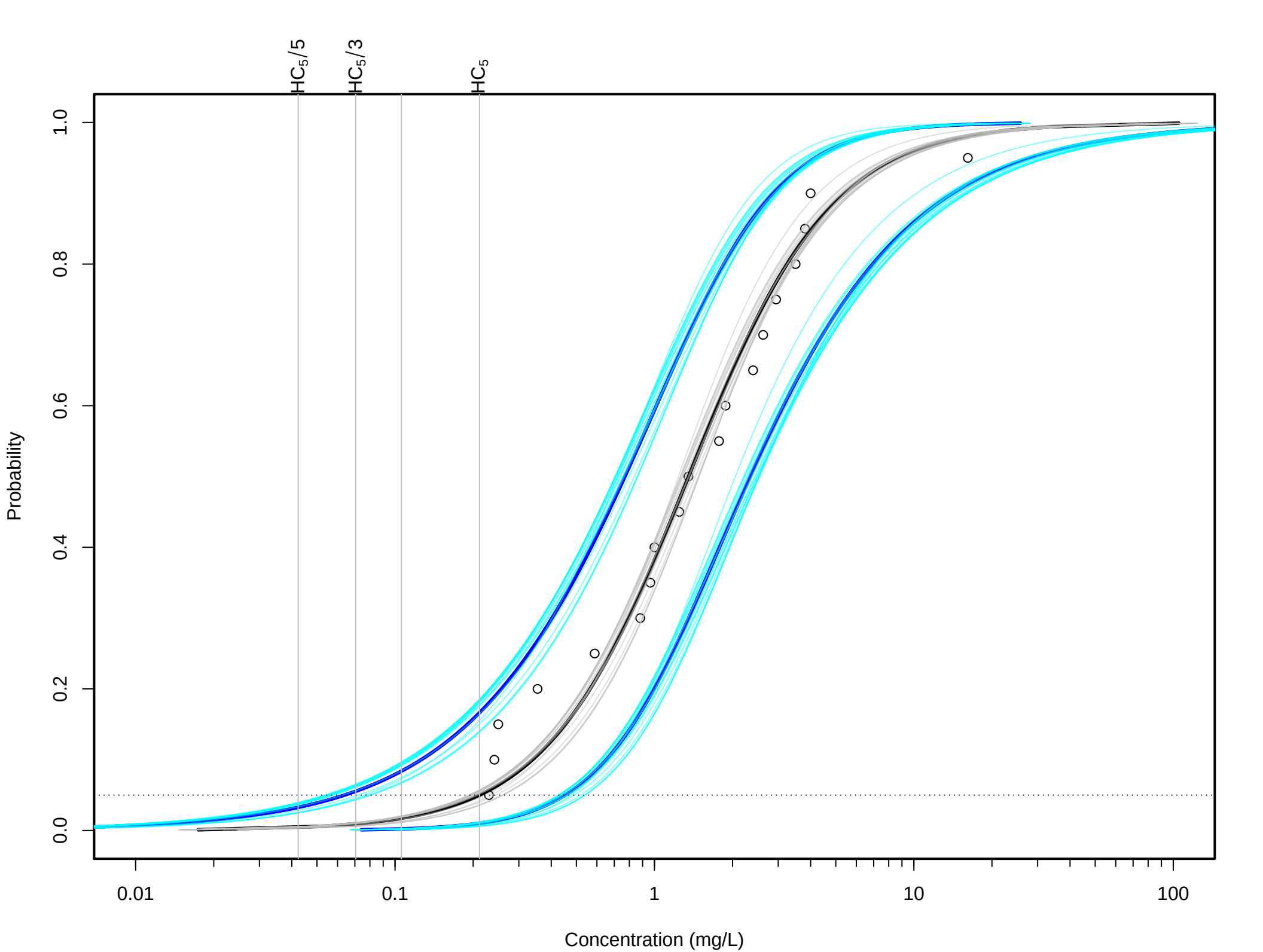

Distribution: norm

# C: Non−Parametric Data Fits

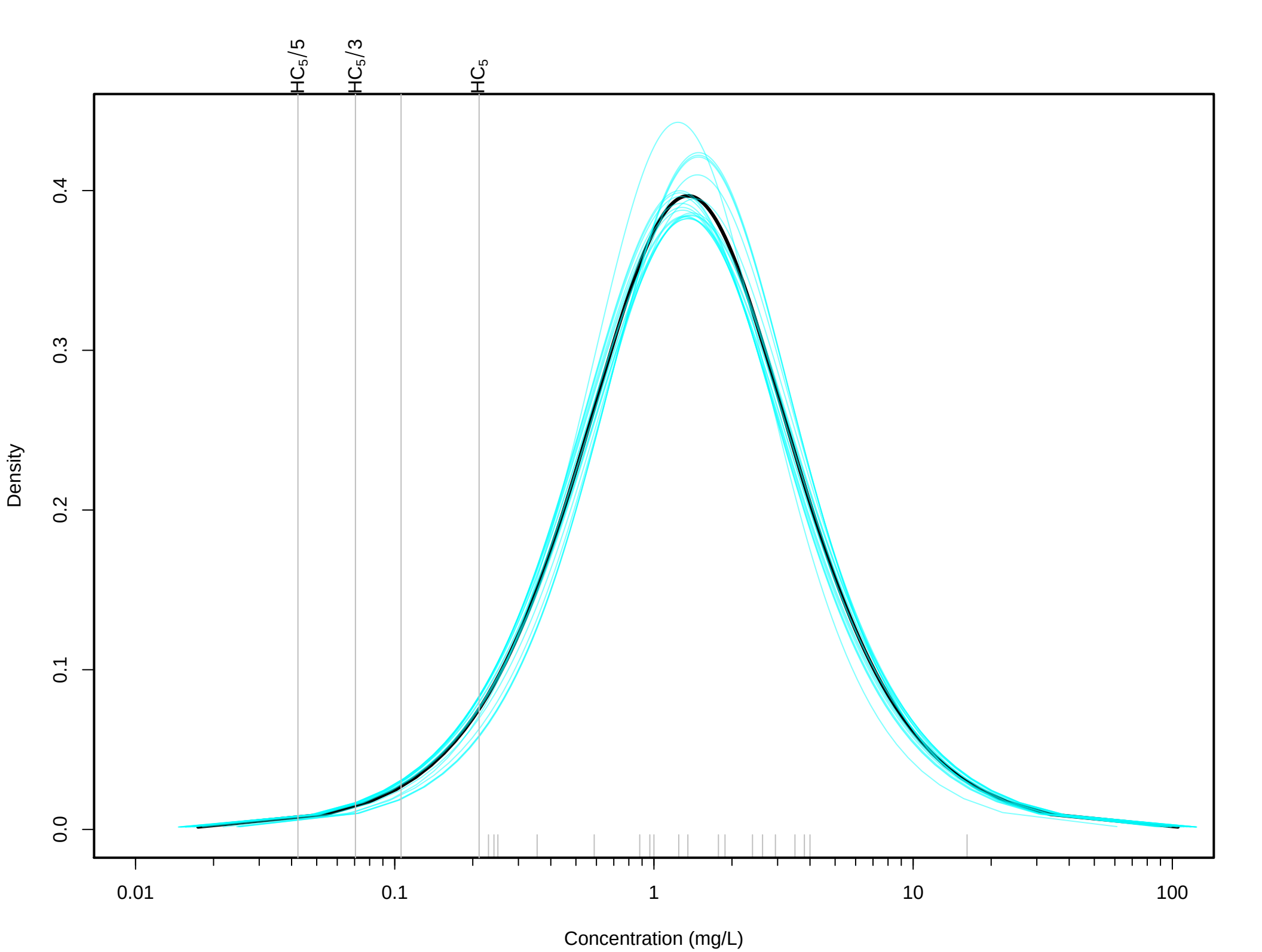

Probability
0.0
0.2
0.4
0.6
0.8
1.0
0.05
0.10
0.20
0.50
1.00
2.00
5.00
10.00
20.00
50.00
Concentration (mg/L)

# Leave−One−Out Analysis

# A:  Logistic Leave−One−Out

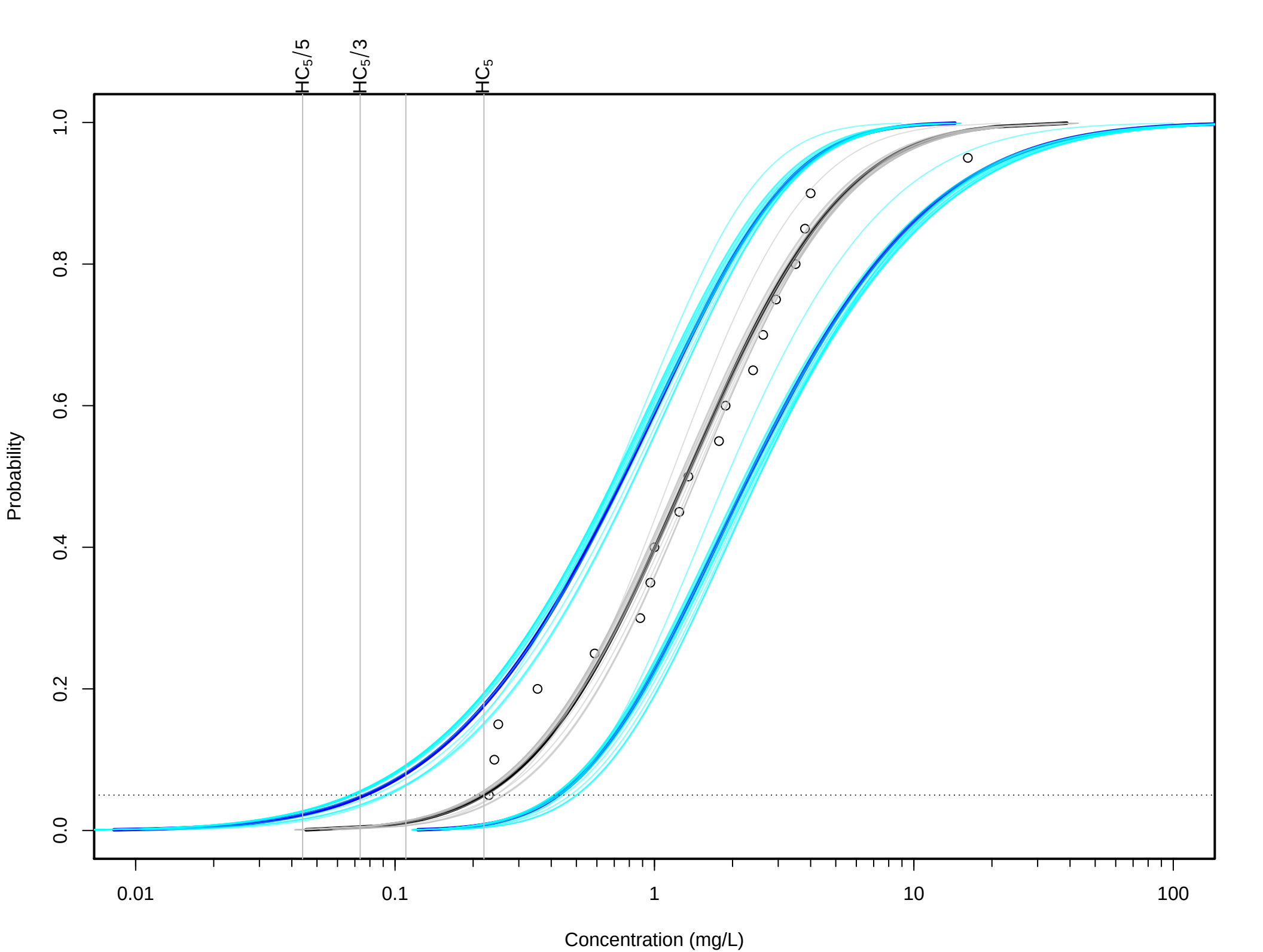



Distribution: logis

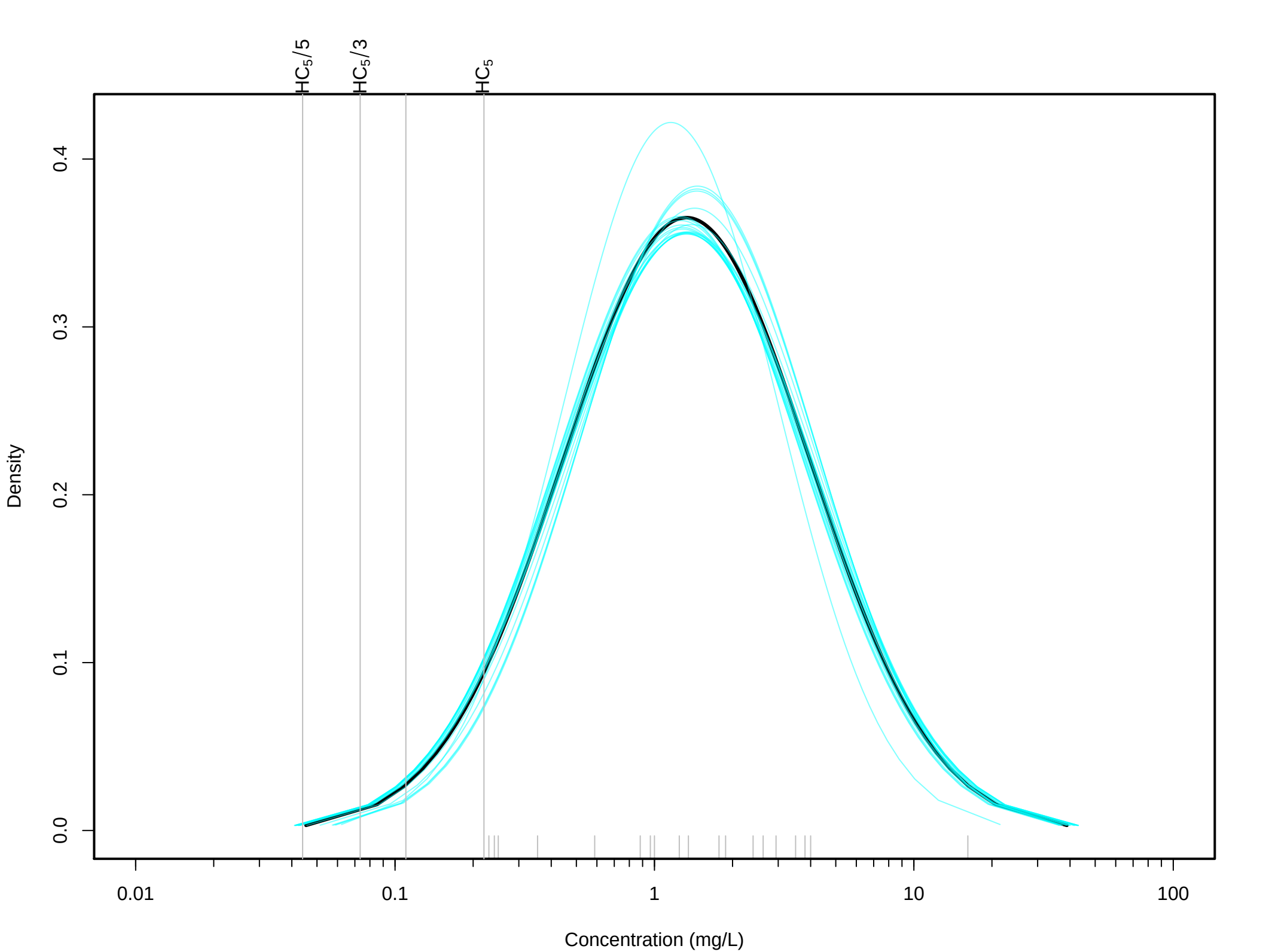



Distribution: logis

# B:  Normal Leave−One−Out



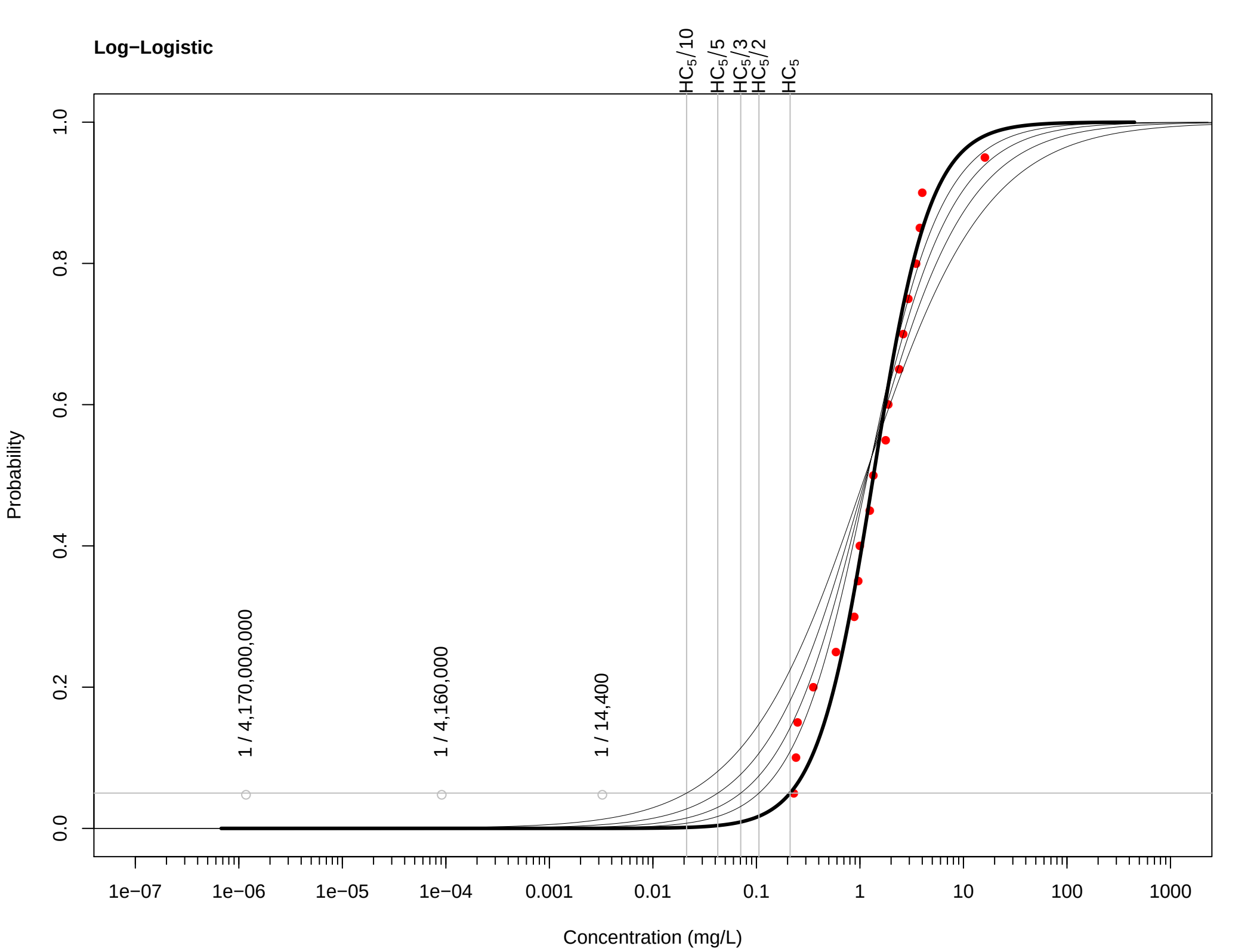

Distribution: norm



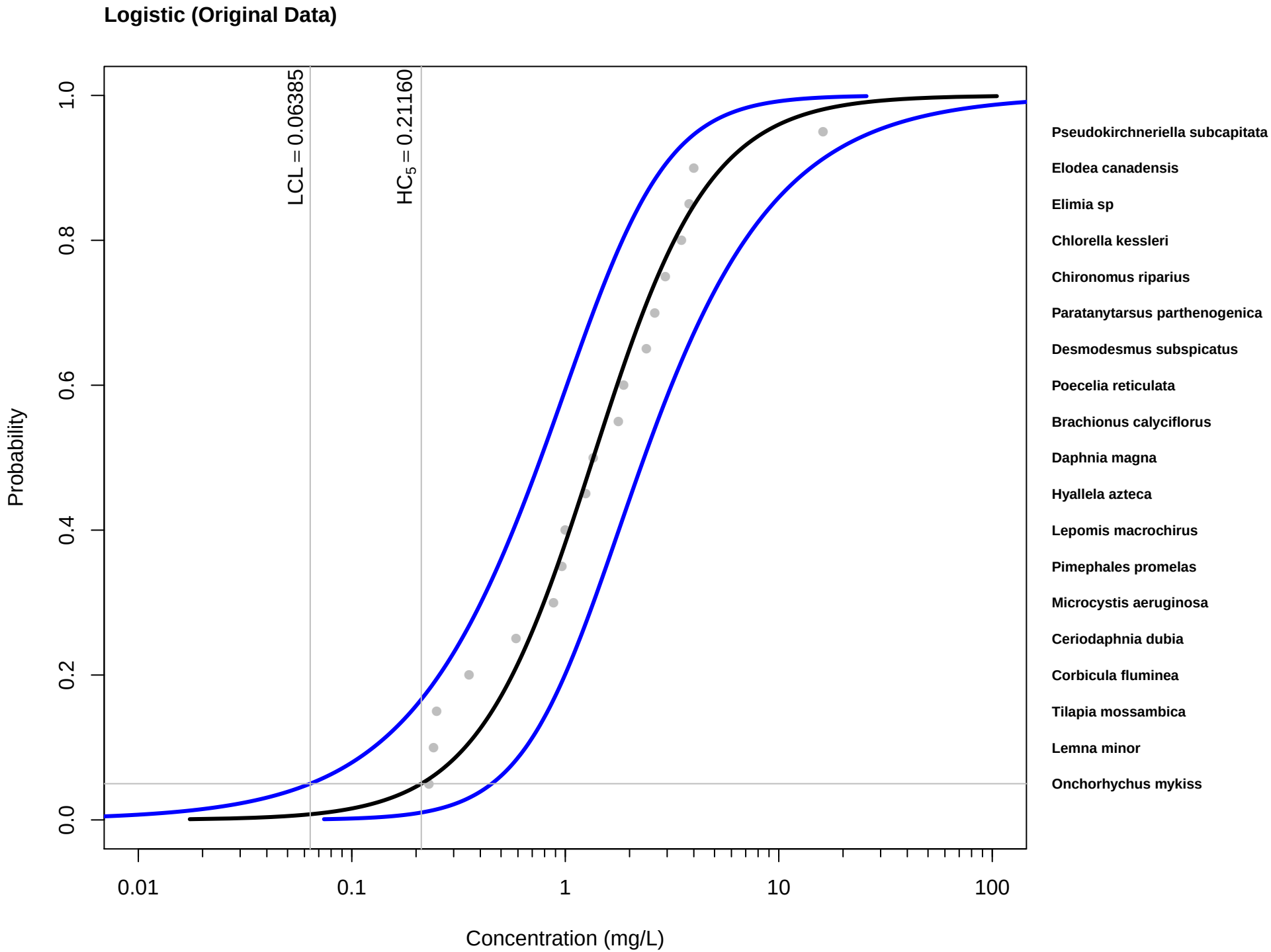

Distribution: norm

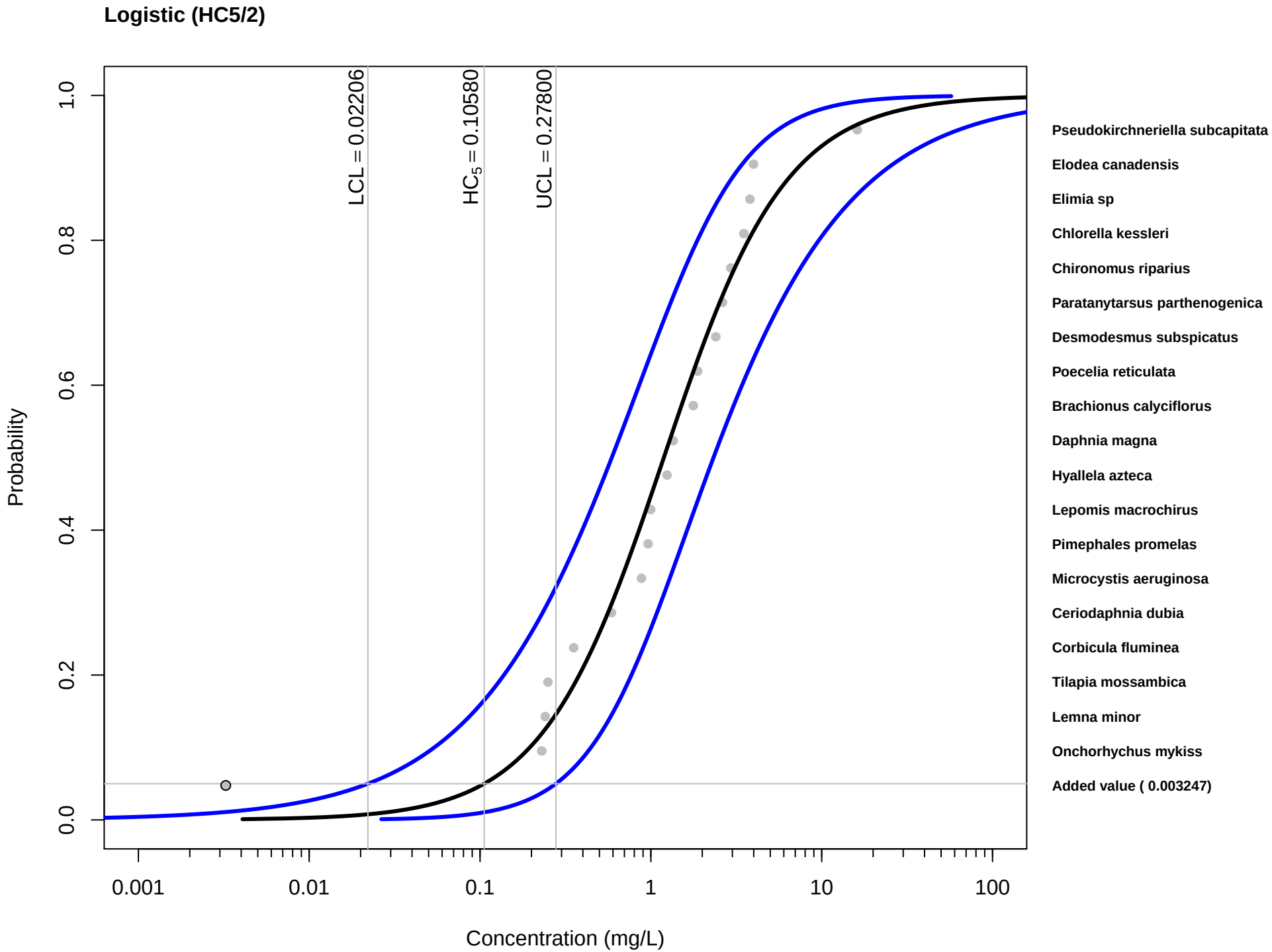
# Add−One−In Analysis

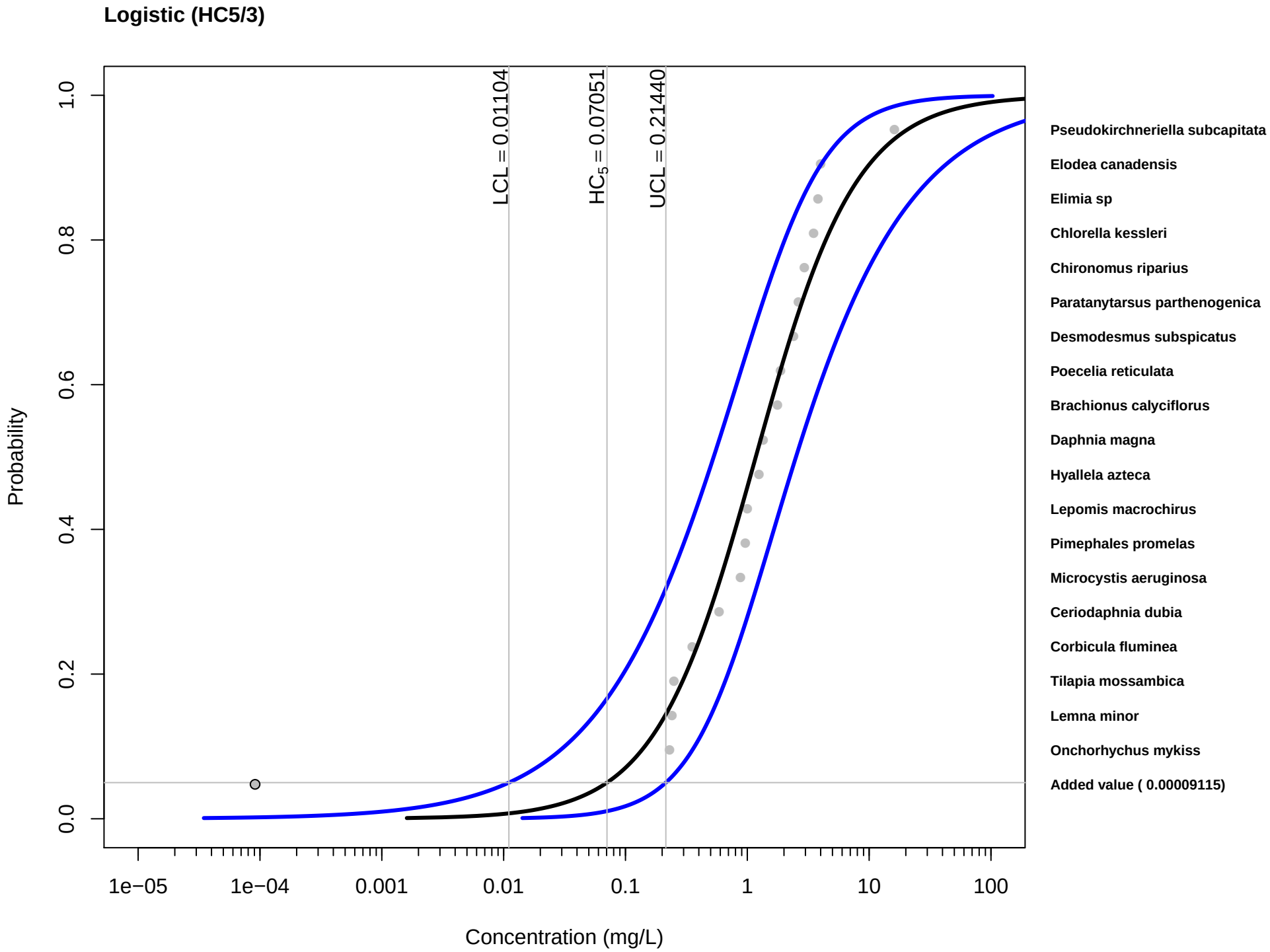
# A:  Logistic Add−One−In

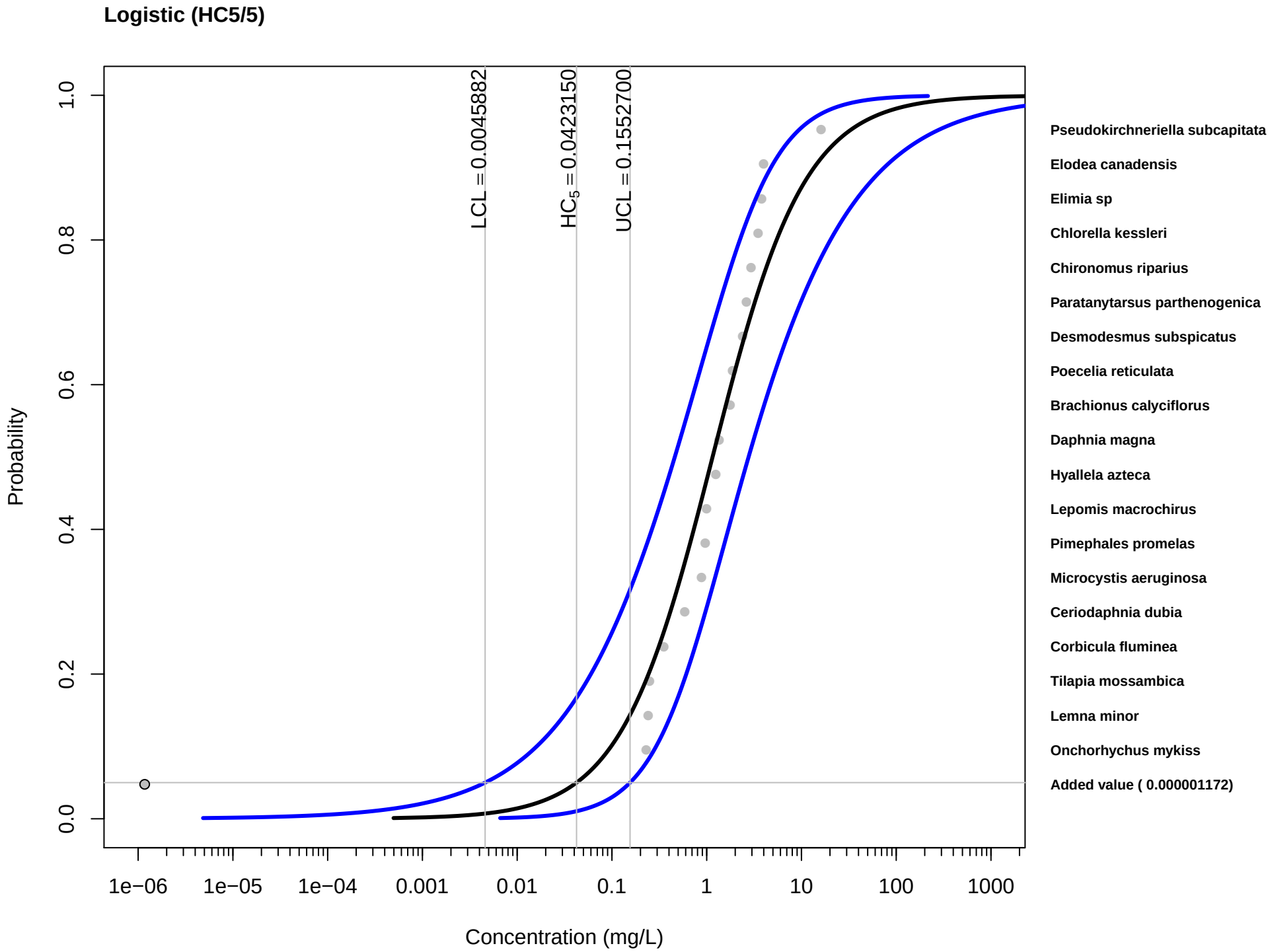


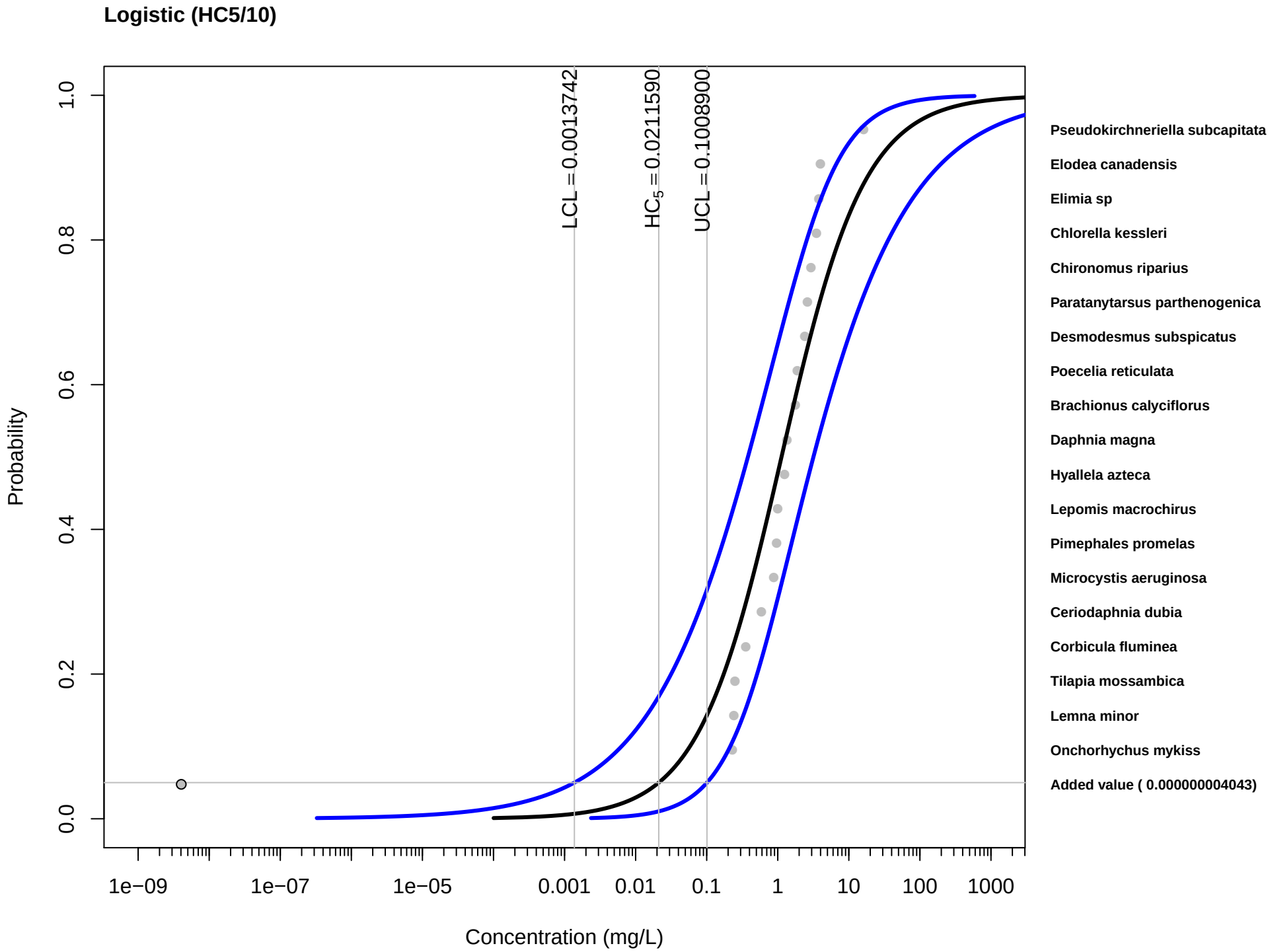

Sheet1 Output


Logistic (Original Data)
LCL = 0.06385
HC5 = 0.21160
Probability
0.0
0.2
0.4
0.6
0.8
1.0
0.01
0.1
1
10
100
Concentration (mg/L)
Pseudokirchneriella subcapitata
Elodea canadensis
Elimia sp
Chlorella kessleri
Chironomus riparius
Paratanytarsus parthenogenica
Desmodesmus subspicatus
Poecelia reticulata
Brachionus calyciflorus
Daphnia magna
Hyallela azteca
Lepomis macrochirus
Pimephales promelas
Microcystis aeruginosa
Ceriodaphnia dubia
Corbicula fluminea
Tilapia mossambica
Lemna minor
Onchorhychus mykiss

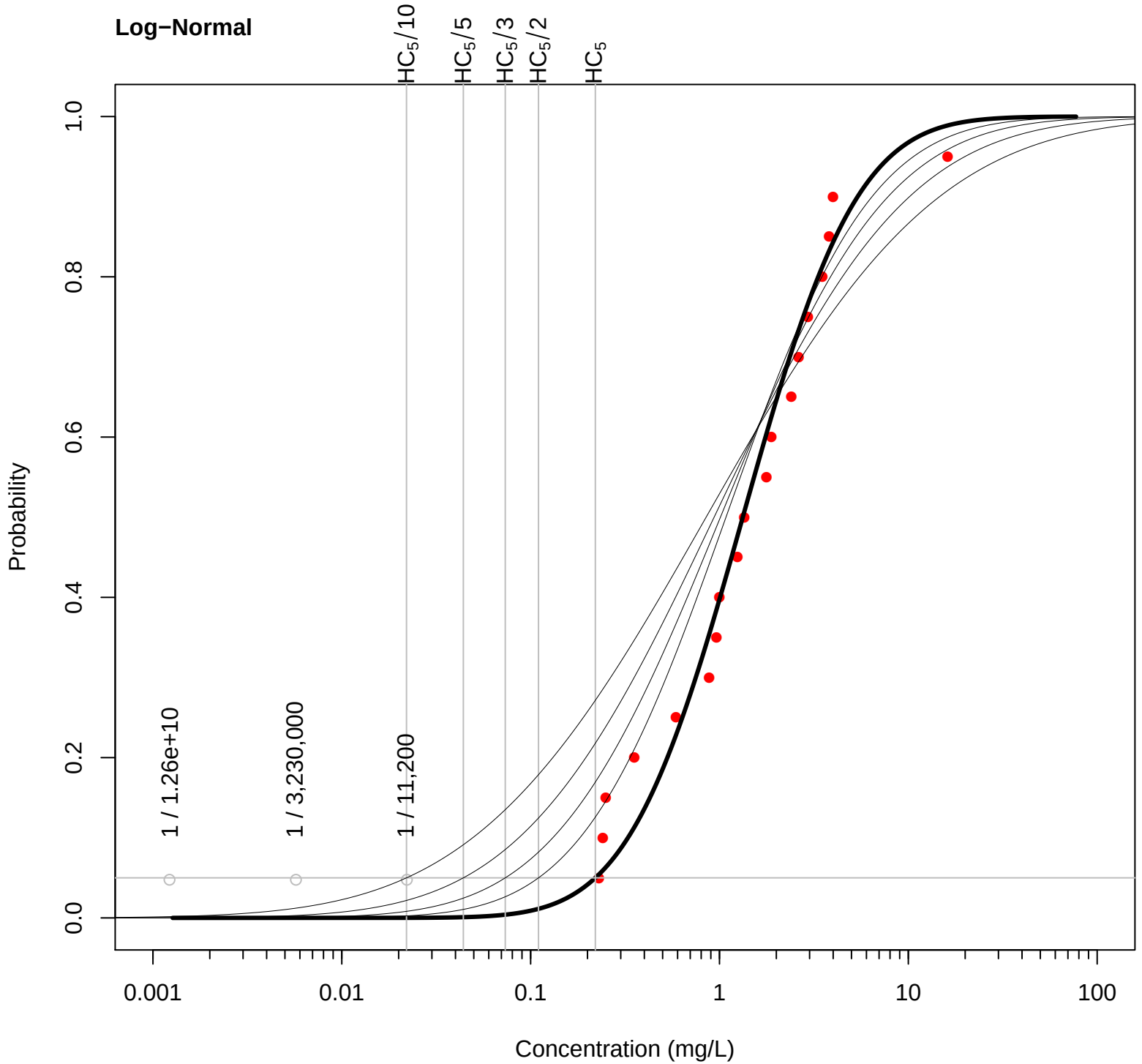

Logistic (HC5/2)
LCL = 0.02206
HC5 = 0.10580
UCL = 0.27800
Probability
0.0
0.2
0.4
0.6
0.8
1.0
0.001
0.01
0.1
1
10
100
Concentration (mg/L)
Pseudokirchneriella subcapitata
Elodea canadensis
Elimia sp
Chlorella kessleri
Chironomus riparius
Paratanytarsus parthenogenica
Desmodesmus subspicatus
Poecelia reticulata
Brachionus calyciflorus
Daphnia magna
Hyallela azteca
Lepomis macrochirus
Pimephales promelas
Microcystis aeruginosa
Ceriodaphnia dubia
Corbicula fluminea
Tilapia mossambica
Lemna minor
Onchorhychus mykiss
Added value ( 0.003247)


Logistic (HC5/3)
LCL = 0.01104
HC5 = 0.07051
UCL = 0.21440
Probability
0.0
0.2
0.4
0.6
0.8
1.0
1e−05
1e−04
0.001
0.01
0.1
1
10
100
Concentration (mg/L)
Pseudokirchneriella subcapitata
Elodea canadensis
Elimia sp
Chlorella kessleri
Chironomus riparius
Paratanytarsus parthenogenica
Desmodesmus subspicatus
Poecelia reticulata
Brachionus calyciflorus
Daphnia magna
Hyallela azteca
Lepomis macrochirus
Pimephales promelas
Microcystis aeruginosa
Ceriodaphnia dubia
Corbicula fluminea
Tilapia mossambica
Lemna minor
Onchorhychus mykiss
Added value ( 0.00009115)

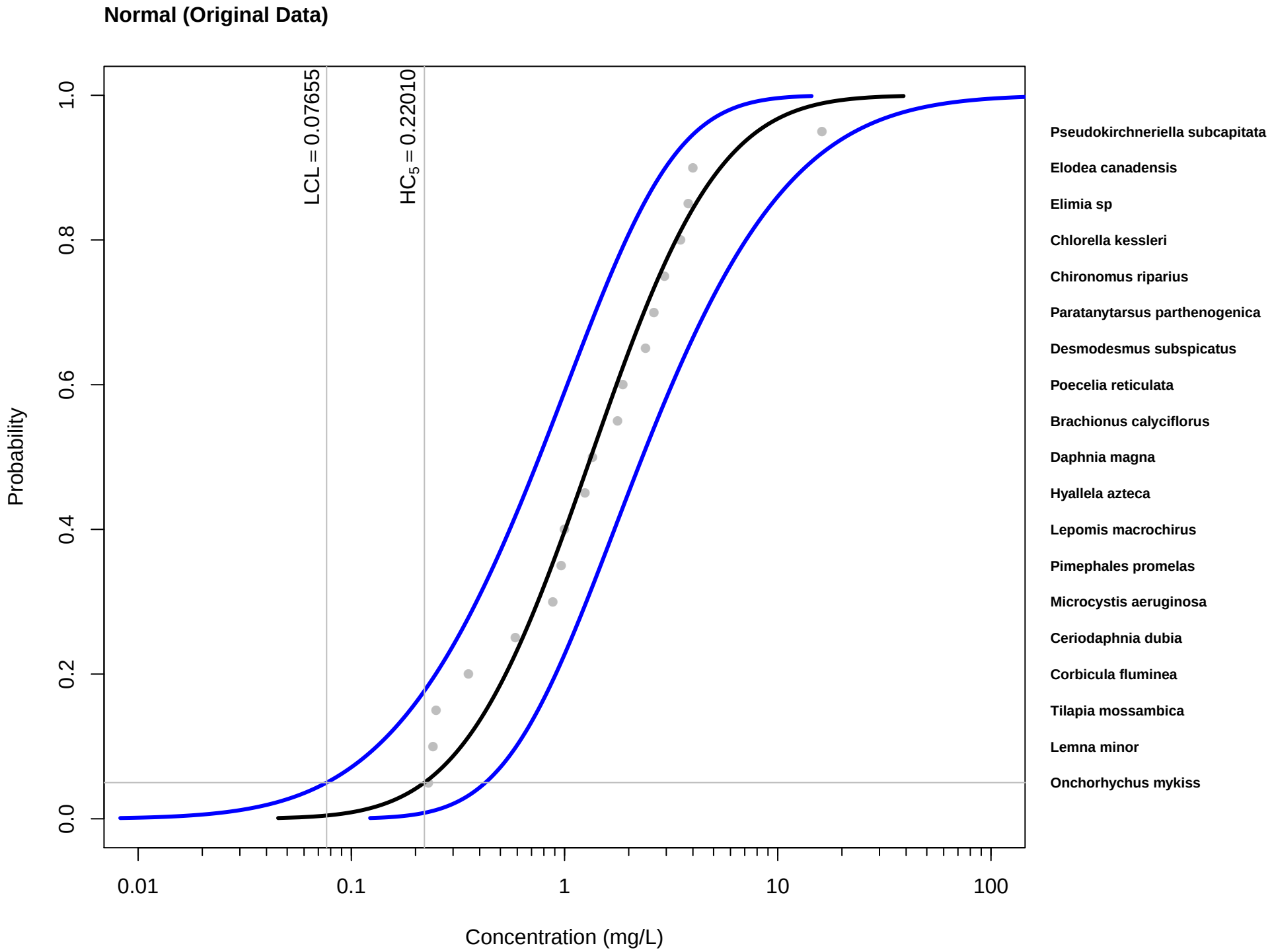

Logistic (HC5/5)
LCL = 0.0045882
HC5 = 0.0423150
UCL = 0.1552700
Probability
0.0
0.2
0.4
0.6
0.8
1.0
1e−06
1e−05
1e−04
0.001
0.01
0.1
1
10
100
1000
Concentration (mg/L)
Pseudokirchneriella subcapitata
Elodea canadensis
Elimia sp
Chlorella kessleri
Chironomus riparius
Paratanytarsus parthenogenica
Desmodesmus subspicatus
Poecelia reticulata
Brachionus calyciflorus
Daphnia magna
Hyallela azteca
Lepomis macrochirus
Pimephales promelas
Microcystis aeruginosa
Ceriodaphnia dubia
Corbicula fluminea
Tilapia mossambica
Lemna minor
Onchorhychus mykiss
Added value ( 0.000001172)

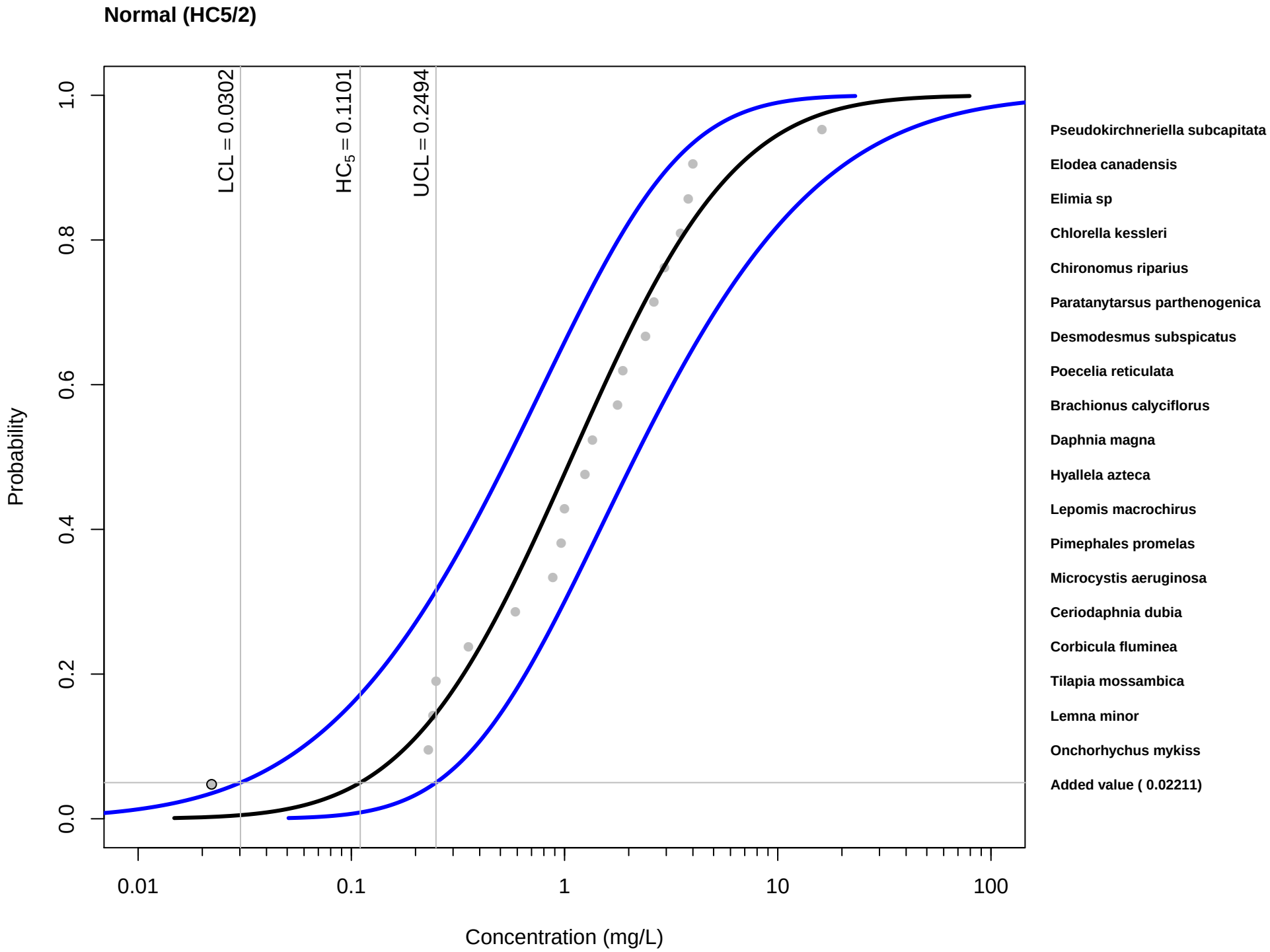

Logistic (HC5/10)
LCL = 0.0013742
HC5 = 0.0211590
UCL = 0.1008900
Probability
0.0
0.2
0.4
0.6
0.8
1.0
1e−09
1e−07
1e−05
0.001
0.01
0.1
1
10
100
1000
Concentration (mg/L)
Pseudokirchneriella subcapitata
Elodea canadensis
Elimia sp
Chlorella kessleri
Chironomus riparius
Paratanytarsus parthenogenica
Desmodesmus subspicatus
Poecelia reticulata
Brachionus calyciflorus
Daphnia magna
Hyallela azteca
Lepomis macrochirus
Pimephales promelas
Microcystis aeruginosa
Ceriodaphnia dubia
Corbicula fluminea
Tilapia mossambica
Lemna minor
Onchorhychus mykiss
Added value ( 0.000000004043)

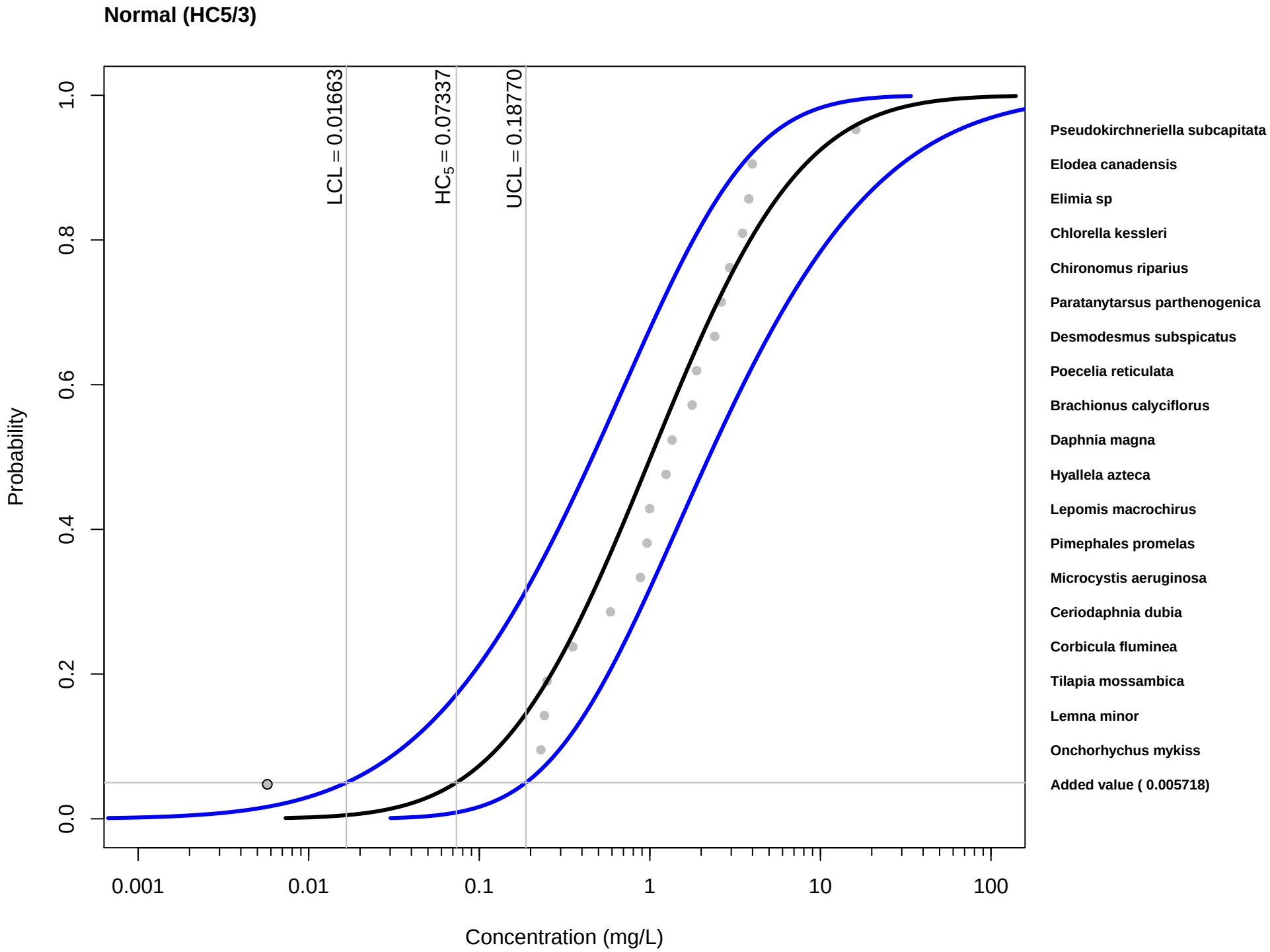
# B: Normal Add−One−In

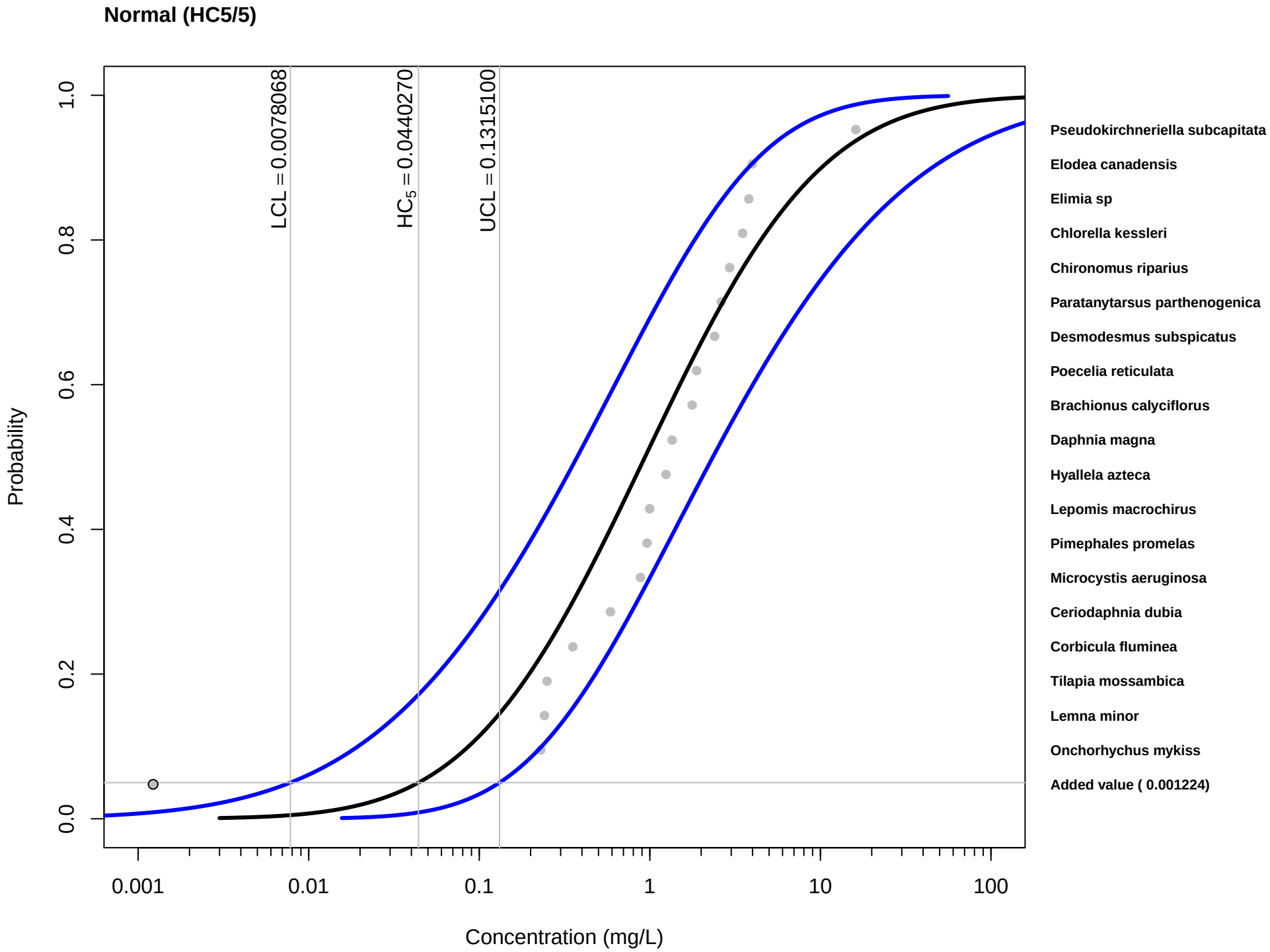


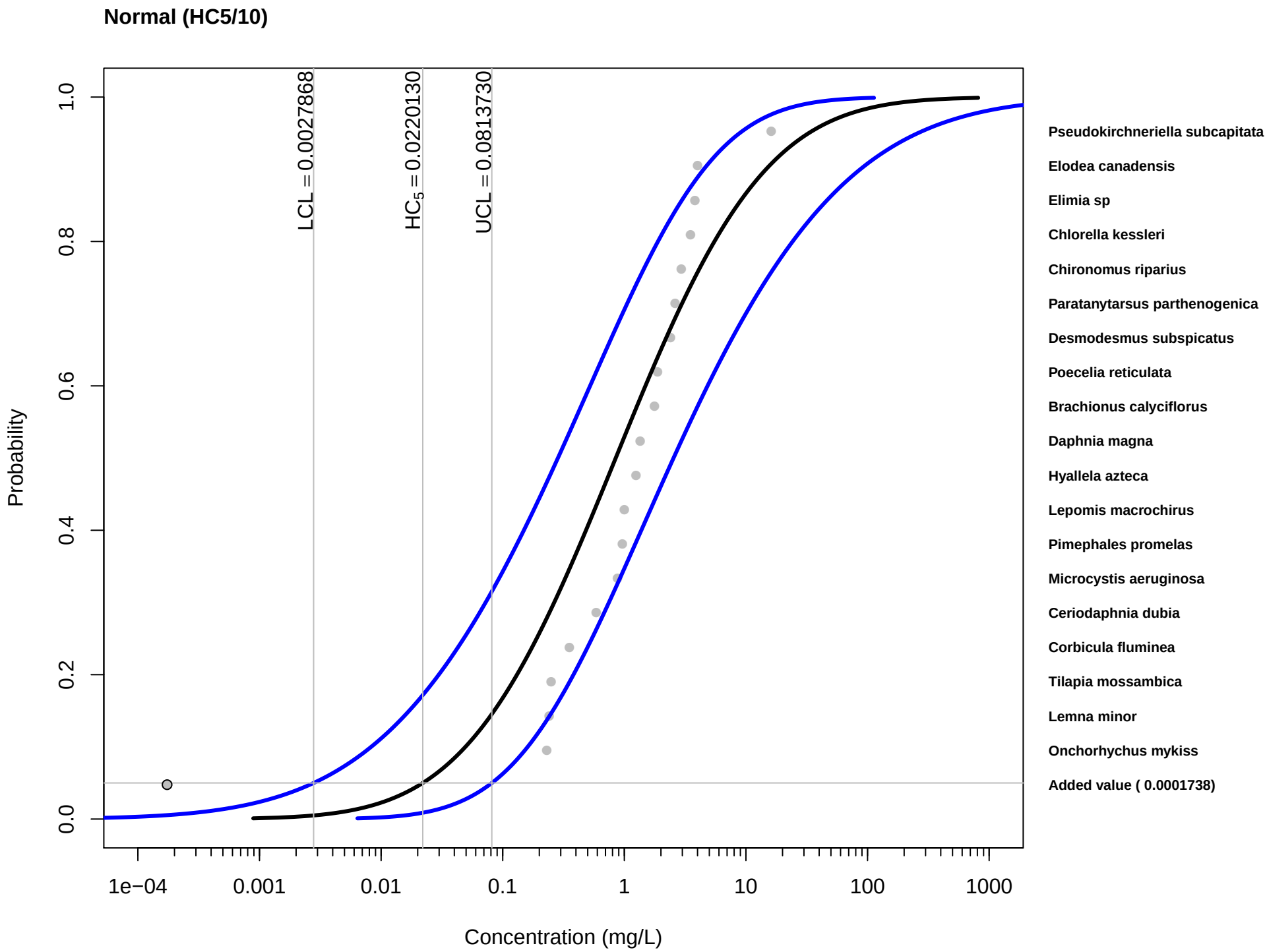

Sheet1 Output


Normal (Original Data)
LCL = 0.07655
HC5 = 0.22010
Probability
0.0
0.2
0.4
0.6
0.8
1.0
0.01
0.1
1
10
100
Concentration (mg/L)
Pseudokirchneriella subcapitata
Elodea canadensis
Elimia sp
Chlorella kessleri
Chironomus riparius
Paratanytarsus parthenogenica
Desmodesmus subspicatus
Poecelia reticulata
Brachionus calyciflorus
Daphnia magna
Hyallela azteca
Lepomis macrochirus
Pimephales promelas
Microcystis aeruginosa
Ceriodaphnia dubia
Corbicula fluminea
Tilapia mossambica
Lemna minor
Onchorhychus mykiss


Normal (HC5/2)
LCL = 0.0302
HC5 = 0.1101
UCL = 0.2494
Probability
0.0
0.2
0.4
0.6
0.8
1.0
0.01
0.1
1
10
100
Concentration (mg/L)
Pseudokirchneriella subcapitata
Elodea canadensis
Elimia sp
Chlorella kessleri
Chironomus riparius
Paratanytarsus parthenogenica
Desmodesmus subspicatus
Poecelia reticulata
Brachionus calyciflorus
Daphnia magna
Hyallela azteca
Lepomis macrochirus
Pimephales promelas
Microcystis aeruginosa
Ceriodaphnia dubia
Corbicula fluminea
Tilapia mossambica
Lemna minor
Onchorhychus mykiss
Added value ( 0.02211)


Normal (HC5/3)
LCL = 0.01663
HC5 = 0.07337
UCL = 0.18770
Probability
0.0
0.2
0.4
0.6
0.8
1.0
0.001
0.01
0.1
1
10
100
Concentration (mg/L)
Pseudokirchneriella subcapitata
Elodea canadensis
Elimia sp
Chlorella kessleri
Chironomus riparius
Paratanytarsus parthenogenica
Desmodesmus subspicatus
Poecelia reticulata
Brachionus calyciflorus
Daphnia magna
Hyallela azteca
Lepomis macrochirus
Pimephales promelas
Microcystis aeruginosa
Ceriodaphnia dubia
Corbicula fluminea
Tilapia mossambica
Lemna minor
Onchorhychus mykiss
Added value ( 0.005718)


Normal (HC5/5)
LCL = 0.0078068
HC5 = 0.0440270
UCL = 0.1315100
Probability
0.0
0.2
0.4
0.6
0.8
1.0
0.001
0.01
0.1
1
10
100
Concentration (mg/L)
Pseudokirchneriella subcapitata
Elodea canadensis
Elimia sp
Chlorella kessleri
Chironomus riparius
Paratanytarsus parthenogenica
Desmodesmus subspicatus
Poecelia reticulata
Brachionus calyciflorus
Daphnia magna
Hyallela azteca
Lepomis macrochirus
Pimephales promelas
Microcystis aeruginosa
Ceriodaphnia dubia
Corbicula fluminea
Tilapia mossambica
Lemna minor
Onchorhychus mykiss
Added value ( 0.001224)


Normal (HC5/10)
LCL = 0.0027868
HC5 = 0.0220130
UCL = 0.0813730
Probability
0.0
0.2
0.4
0.6
0.8
1.0
1e−04
0.001
0.01
0.1
1
10
100
1000
Concentration (mg/L)
Pseudokirchneriella subcapitata
Elodea canadensis
Elimia sp
Chlorella kessleri
Chironomus riparius
Paratanytarsus parthenogenica
Desmodesmus subspicatus
Poecelia reticulata
Brachionus calyciflorus
Daphnia magna
Hyallela azteca
Lepomis macrochirus
Pimephales promelas
Microcystis aeruginosa
Ceriodaphnia dubia
Corbicula fluminea
Tilapia mossambica
Lemna minor
Onchorhychus mykiss
Added value ( 0.0001738)