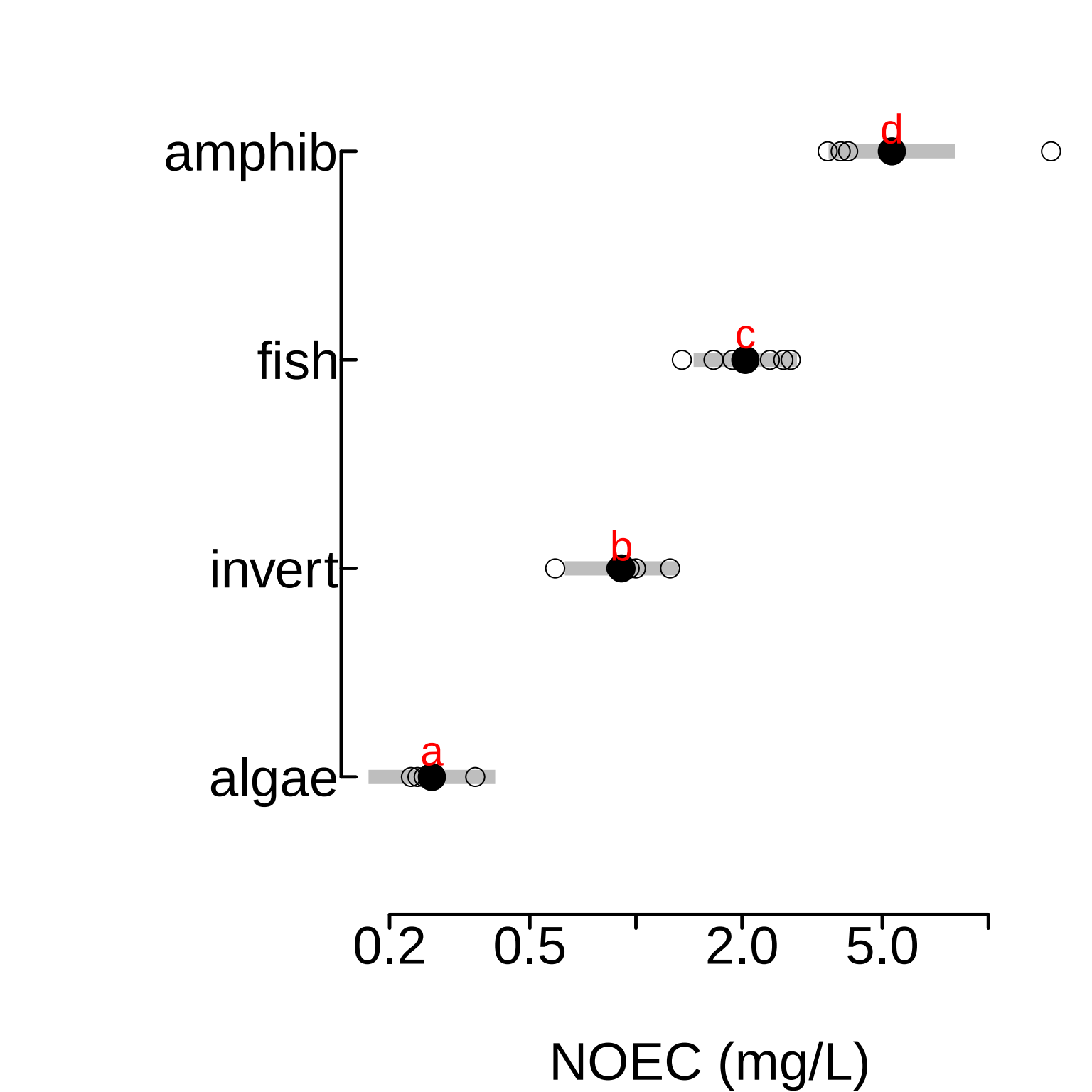
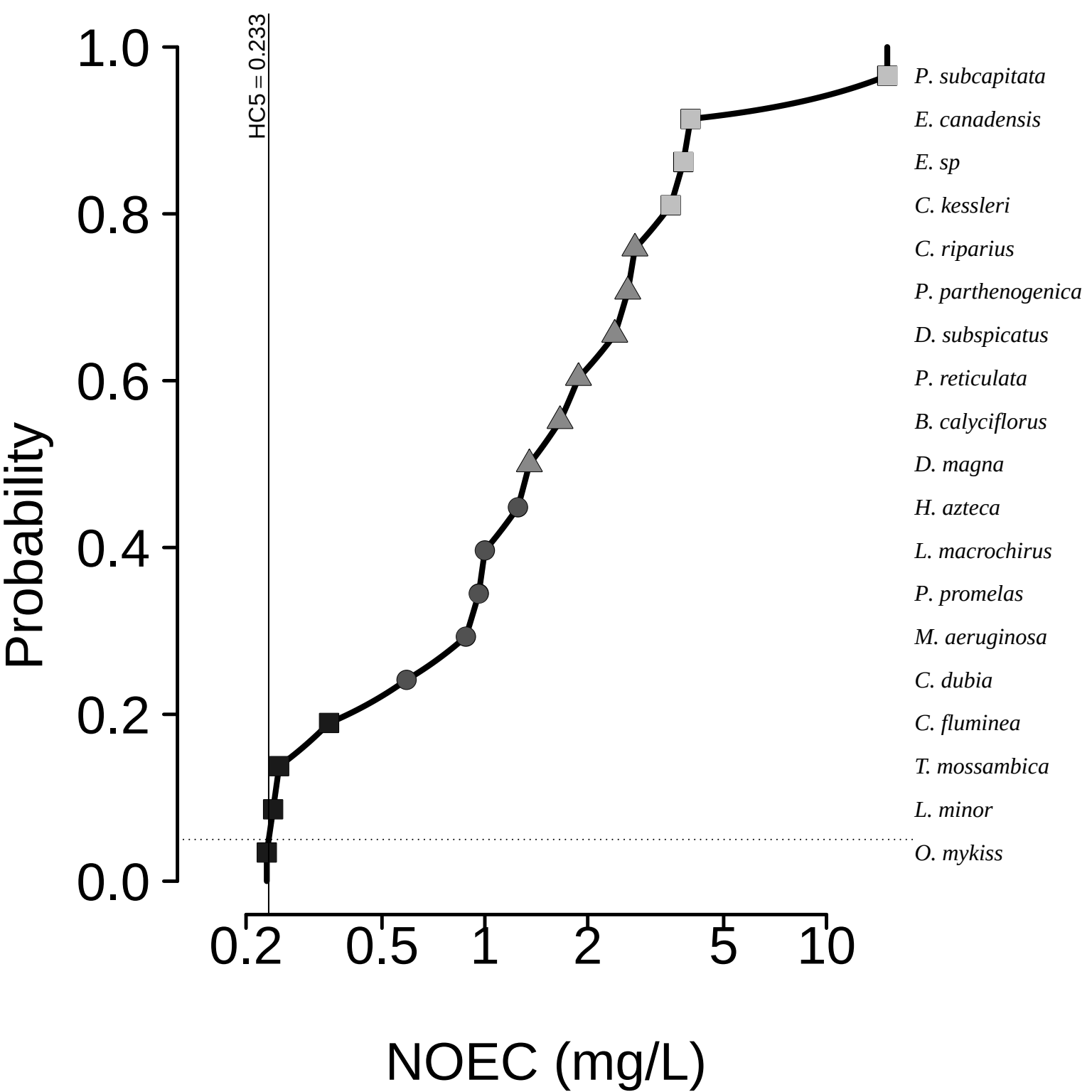
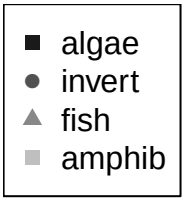
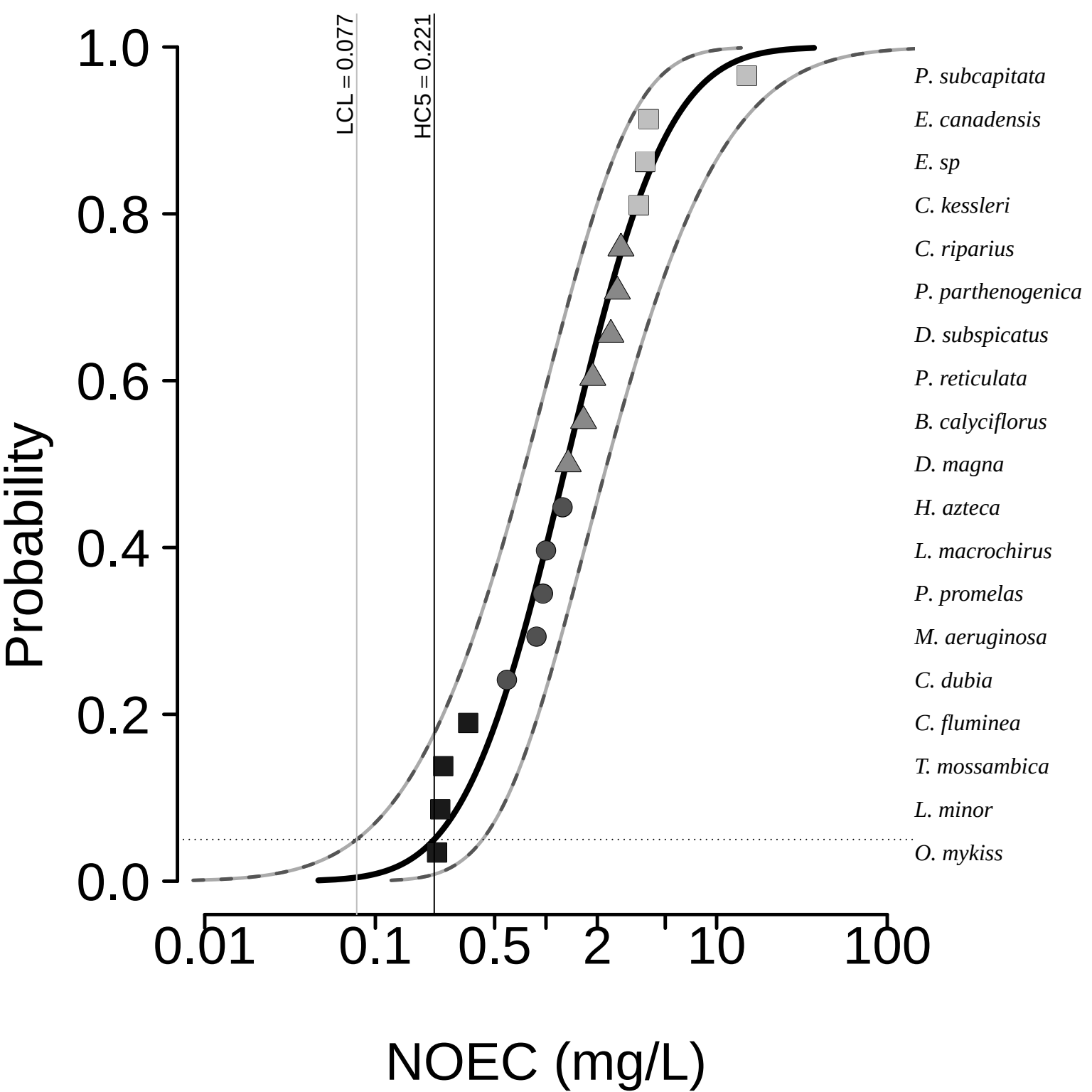
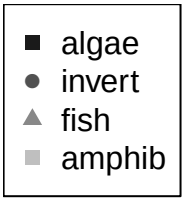

amphib
fish
invert
algae
d
c
b
a
0.2
0.5
2.0
5.0
NOEC (mg/L)

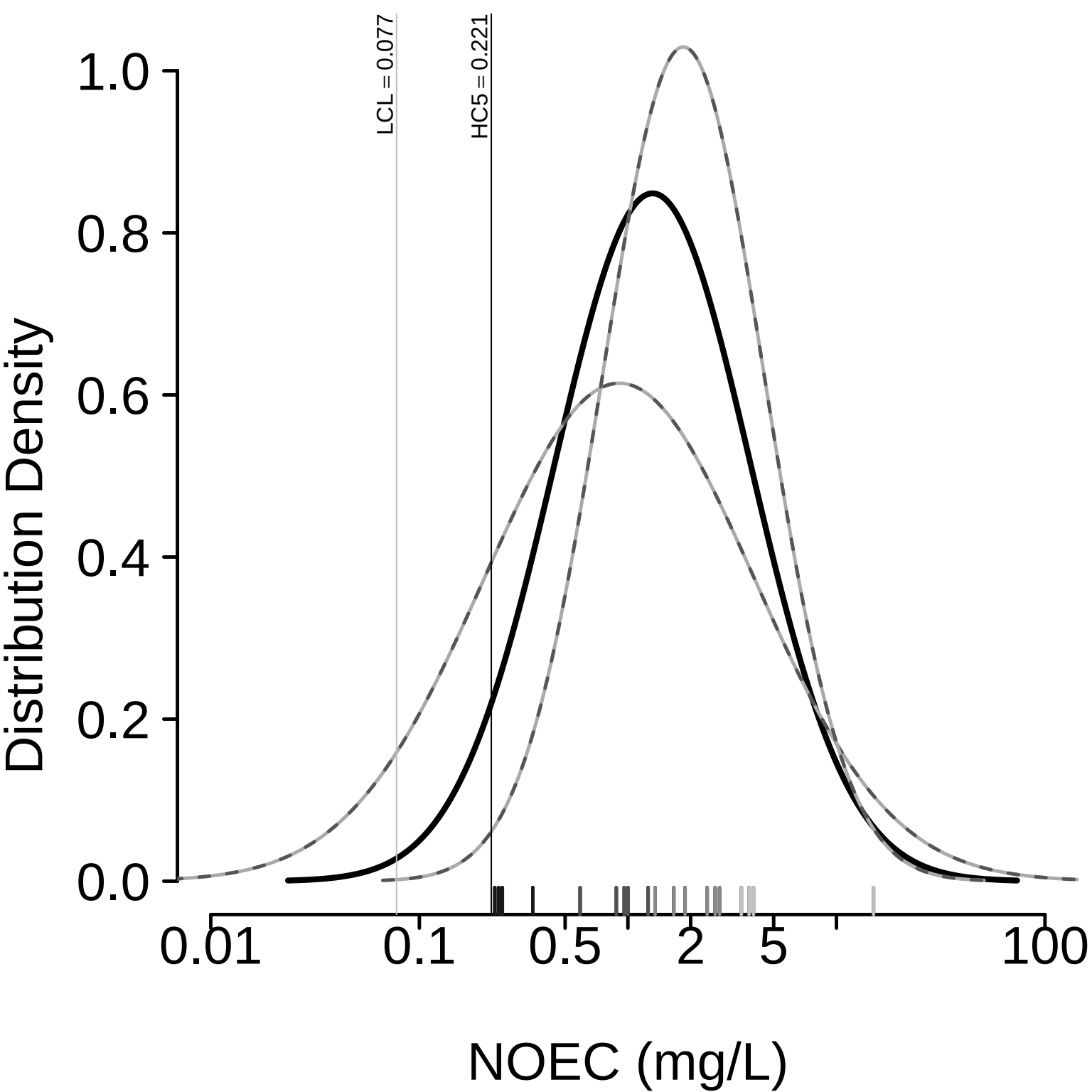

HC5 = 0.233
1.0
0.8
0.6
0.4
0.2
0.0
Probability
0.2
0.5
1
2
5
10
NOEC (mg/L)
P. subcapitata
E. canadensis
E. sp
C. kessleri
C. riparius
P. parthenogenica
D. subspicatus
P. reticulata
B. calyciflorus
D. magna
H. azteca
L. macrochirus
P. promelas
M. aeruginosa
C. dubia
C. fluminea
T. mossambica
L. minor
O. mykiss


algae
invert
fish
amphib

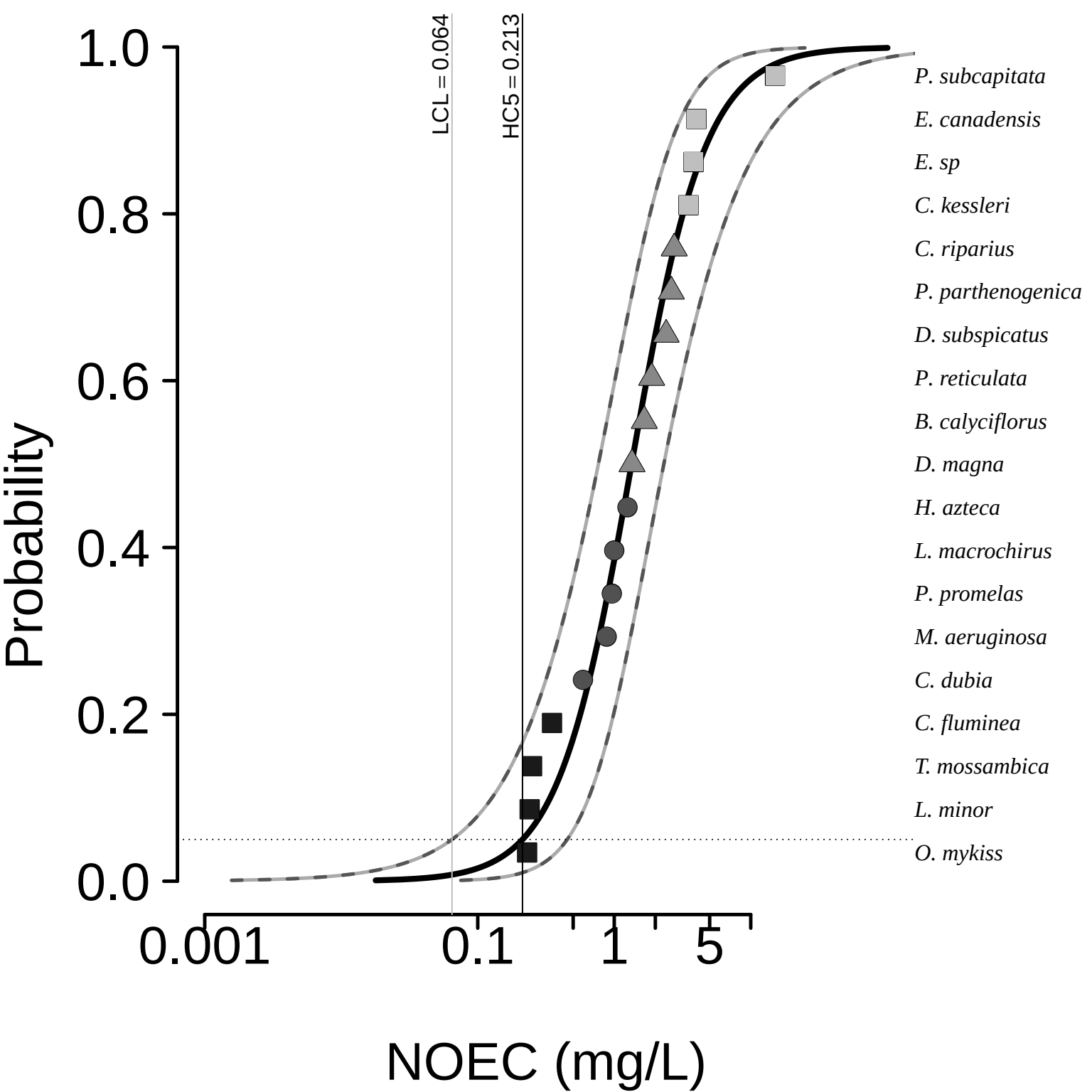
Normal
distribution fit

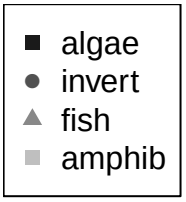

LCL = 0.077
HC5 = 0.221
1.0
0.8
0.6
0.4
0.2
0.0
Probability
0.01
0.1
0.5
2
10
100
NOEC (mg/L)
P. subcapitata
E. canadensis
E. sp
C. kessleri
C. riparius
P. parthenogenica
D. subspicatus
P. reticulata
B. calyciflorus
D. magna
H. azteca
L. macrochirus
P. promelas
M. aeruginosa
C. dubia
C. fluminea
T. mossambica
L. minor
O. mykiss

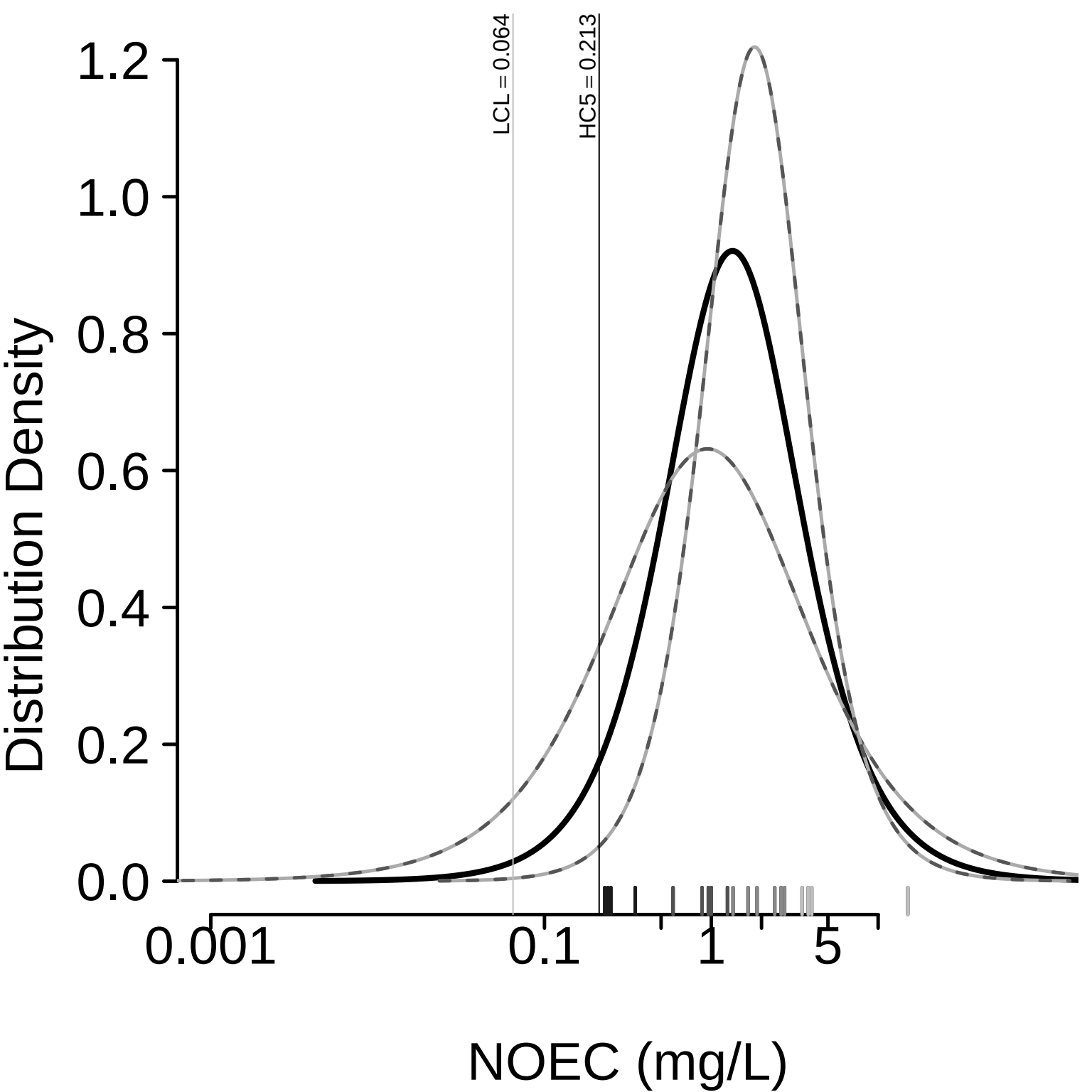

algae
invert
fish
amphib


LCL = 0.077
HC5 = 0.221
1.0
0.8
0.6
0.4
0.2
0.0
Distribution Density
0.01
0.1
0.5
2
5
100
NOEC (mg/L)

Logistic
distribution fit

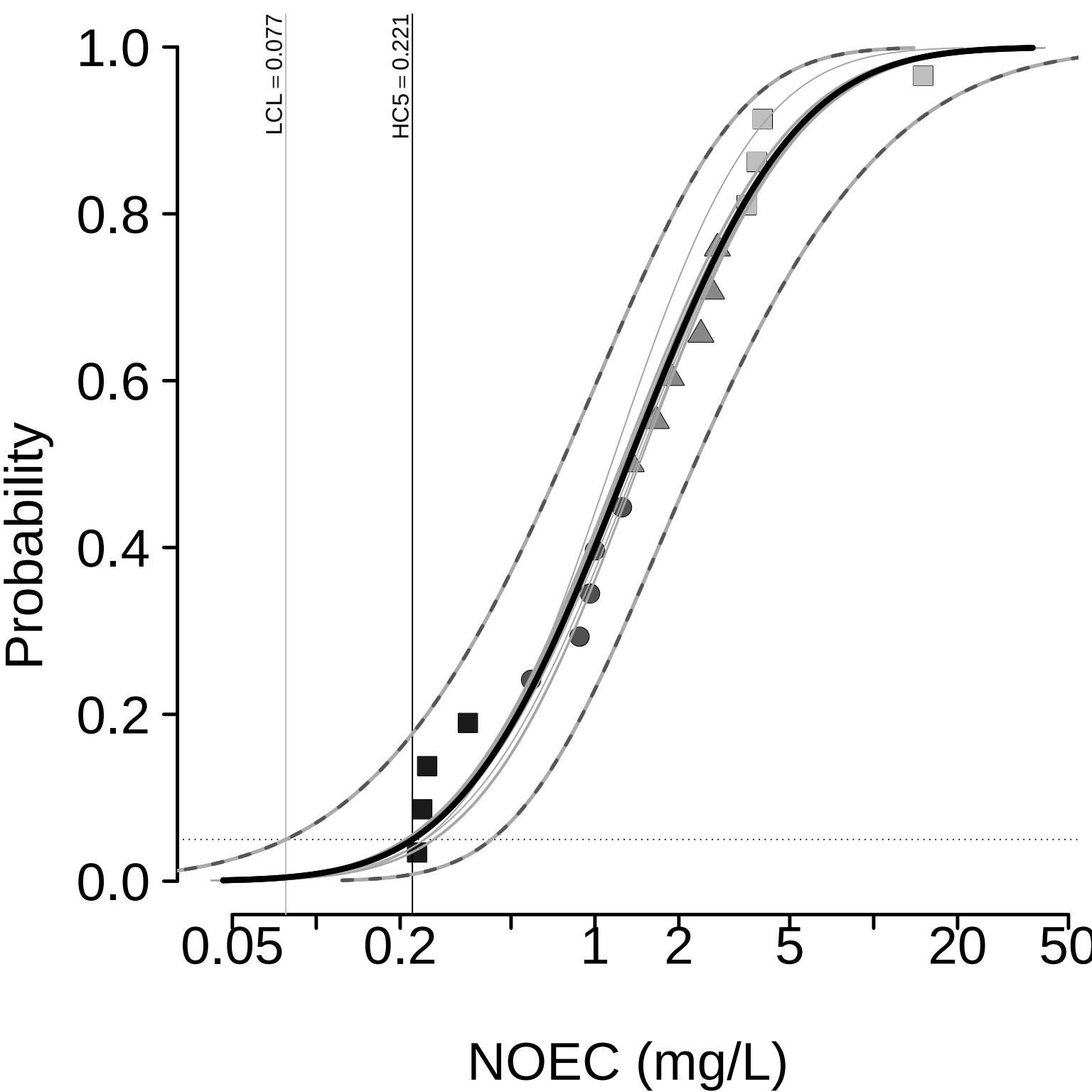

1.0
0.8
0.6
0.4
0.2
0.0
Probability
LCL = 0.064
HC5 = 0.213
0.001
0.1
1
5
NOEC (mg/L)
P. subcapitata
E. canadensis
E. sp
C. kessleri
C. riparius
P. parthenogenica
D. subspicatus
P. reticulata
B. calyciflorus
D. magna
H. azteca
L. macrochirus
P. promelas
M. aeruginosa
C. dubia
C. fluminea
T. mossambica
L. minor
O. mykiss

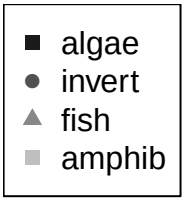

algae
invert
fish
amphib

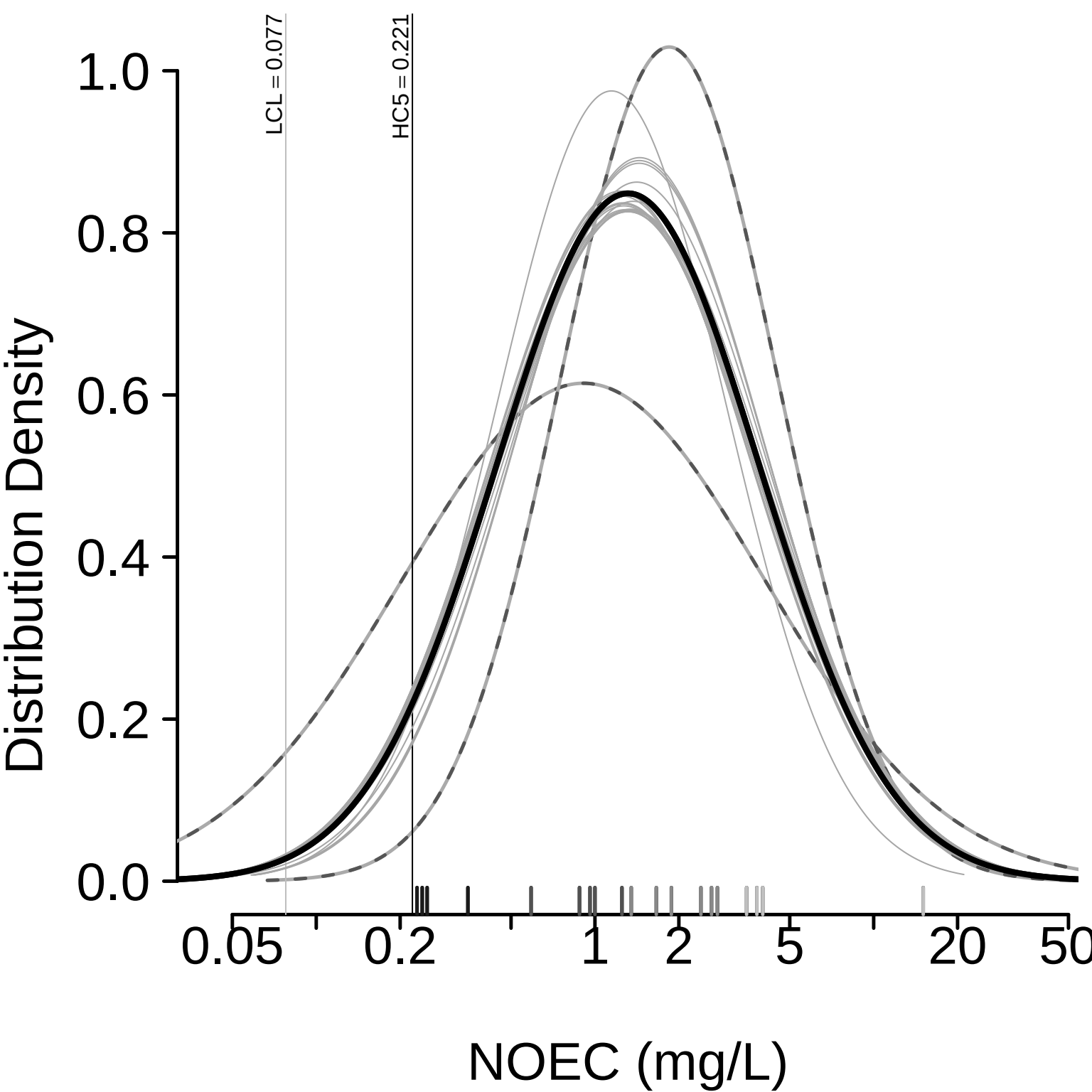

LCL = 0.064
HC5 = 0.213
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Distribution Density
0.001
0.1
1
5
NOEC (mg/L)

Leave−One−Out Analysis

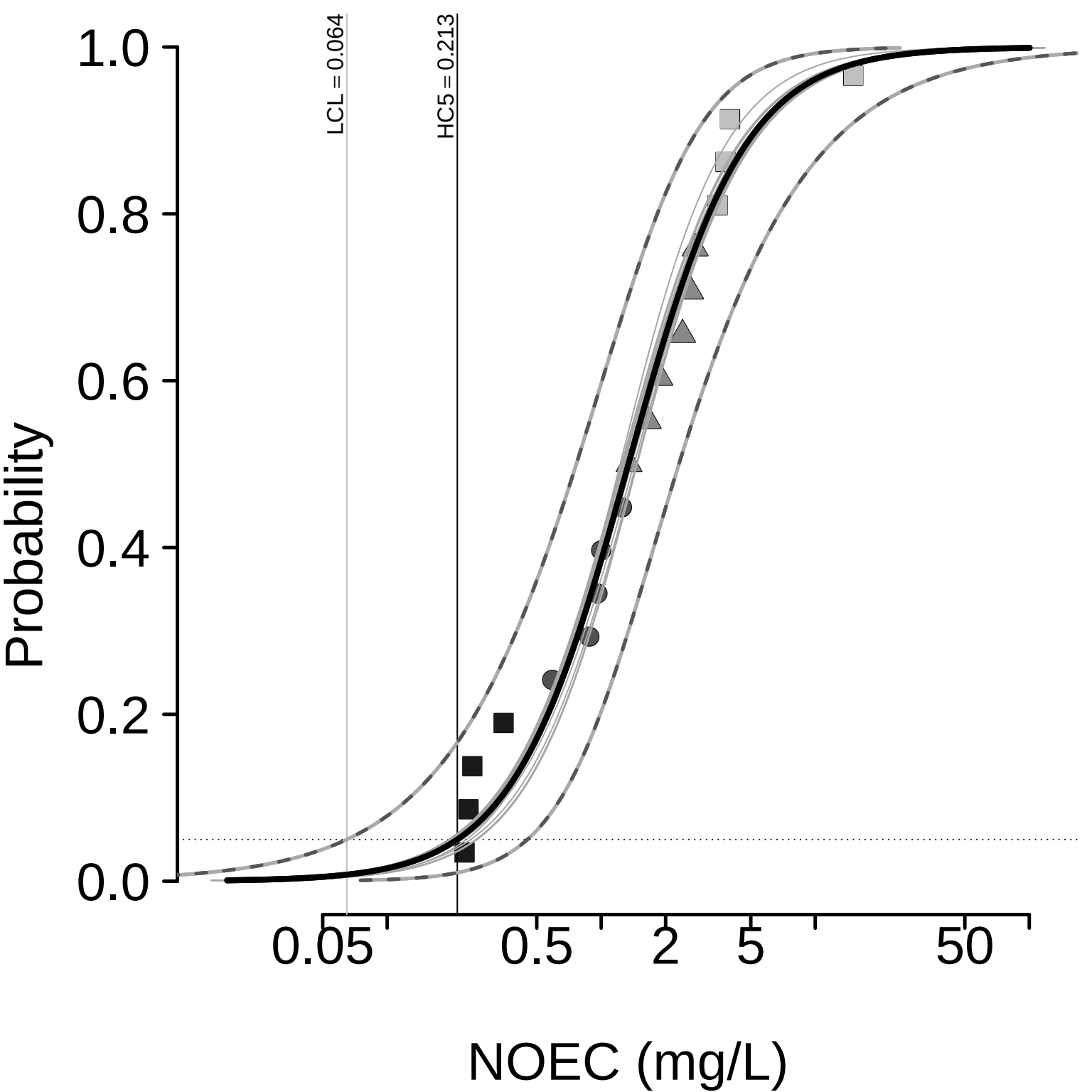
A:
Normal
Leave−One−Out

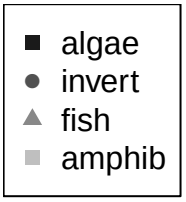

LCL = 0.077
HC5 = 0.221
1.0
0.8
0.6
0.4
0.2
0.0
Probability
0.05
0.2
1
2
5
20
50
NOEC (mg/L)

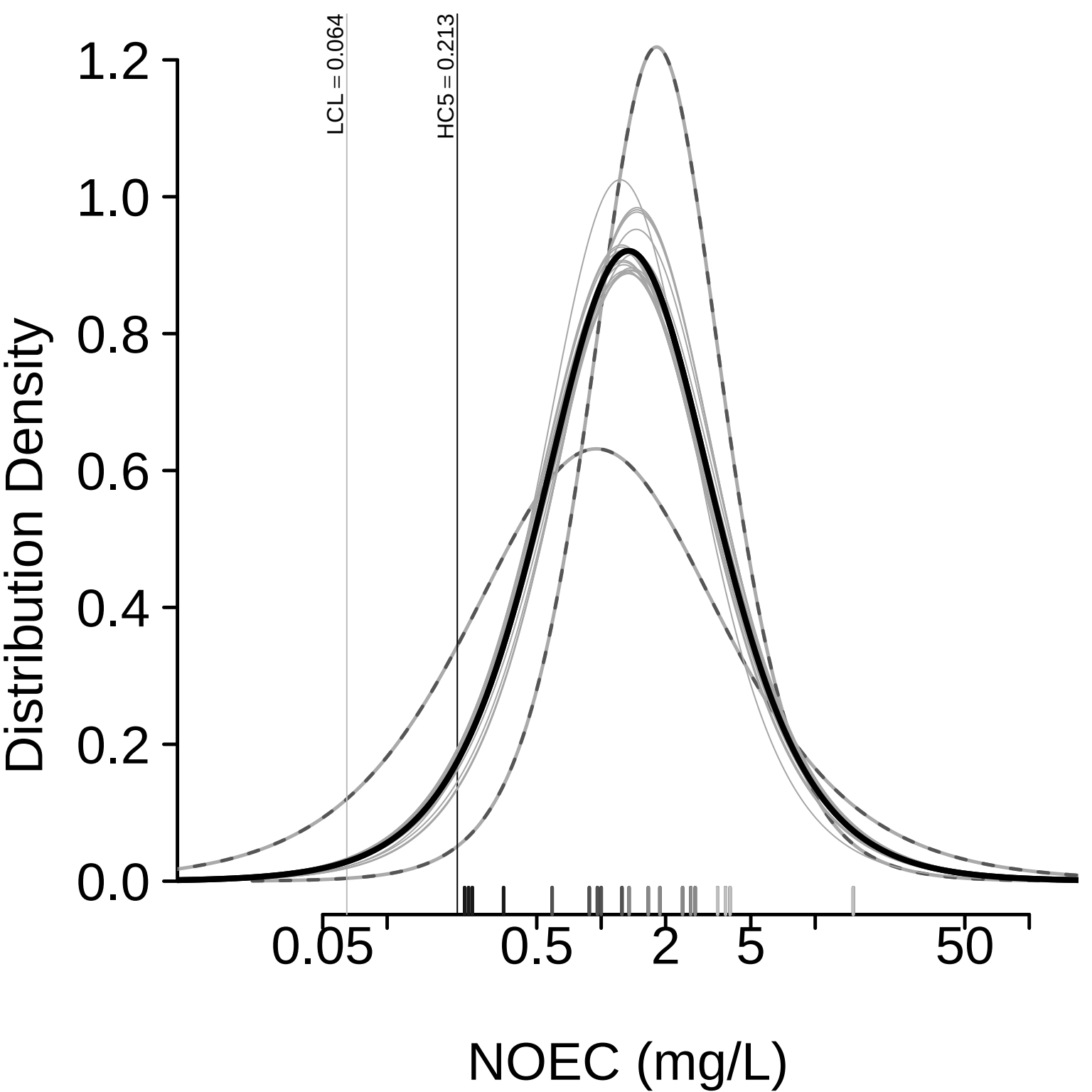

algae
invert
fish
amphib


LCL = 0.077
HC5 = 0.221
1.0
0.8
0.6
0.4
0.2
0.0
Distribution Density
0.05
0.2
1
2
5
20
50
NOEC (mg/L)

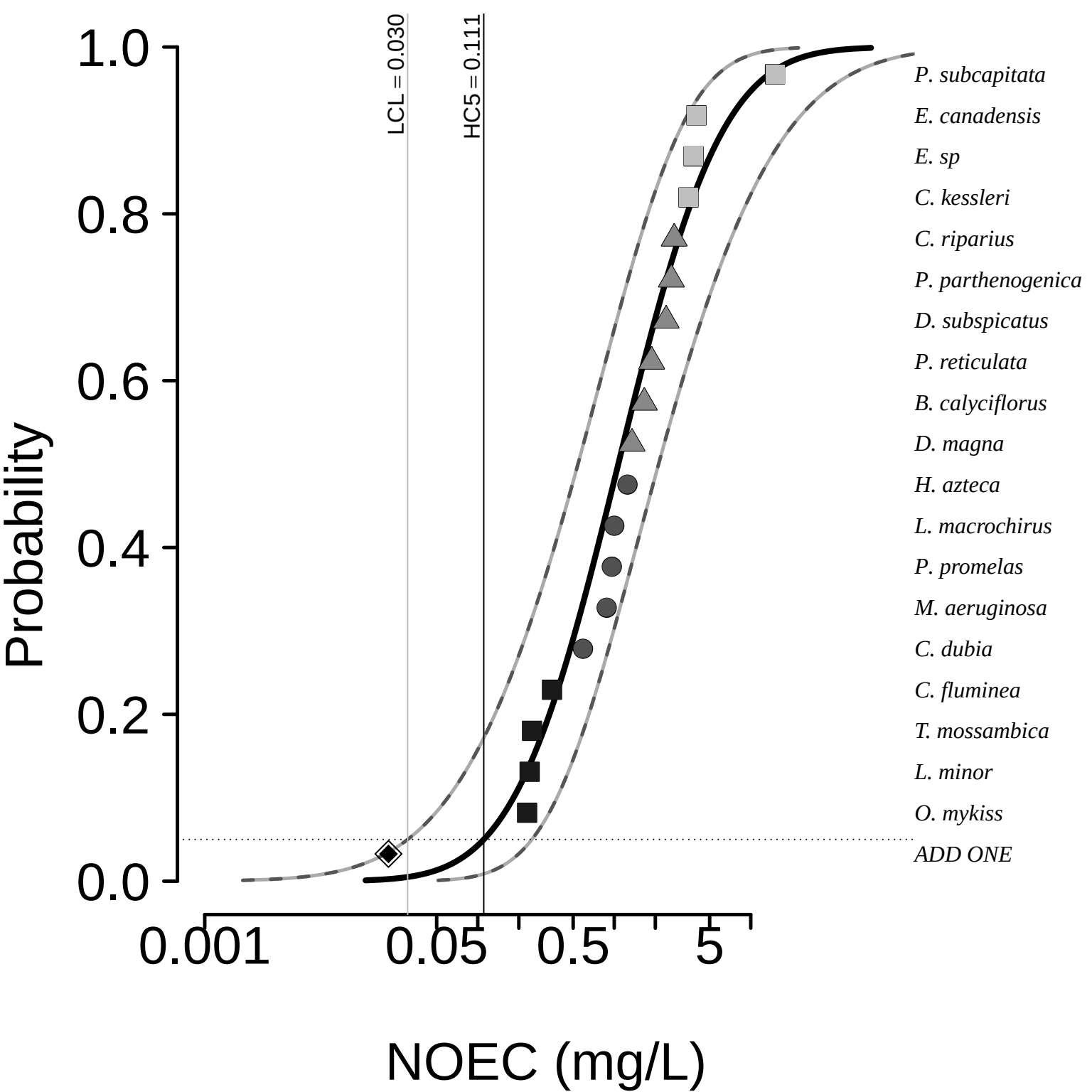
B:
Logistic
Leave−One−Out

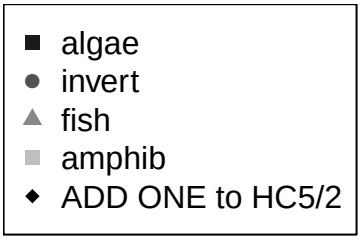

LCL = 0.064
HC5 = 0.213
1.0
0.8
0.6
0.4
0.2
0.0
Probability
0.05
0.5
2
5
50
NOEC (mg/L)

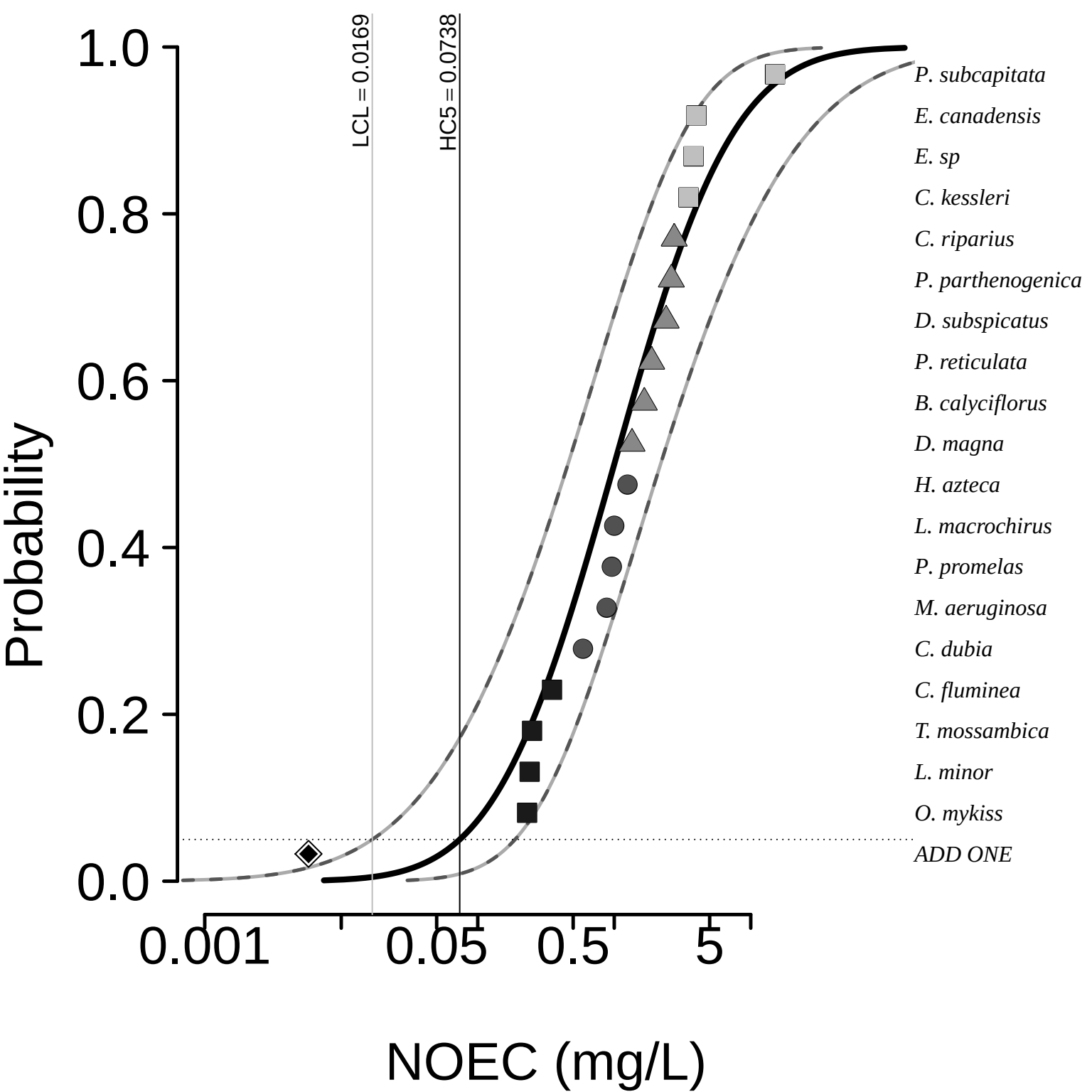

algae
invert
fish
amphib

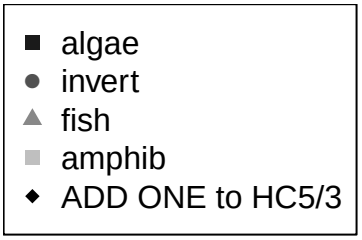

LCL = 0.064
HC5 = 0.213
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Distribution Density
0.05
0.5
2
5
50
NOEC (mg/L)

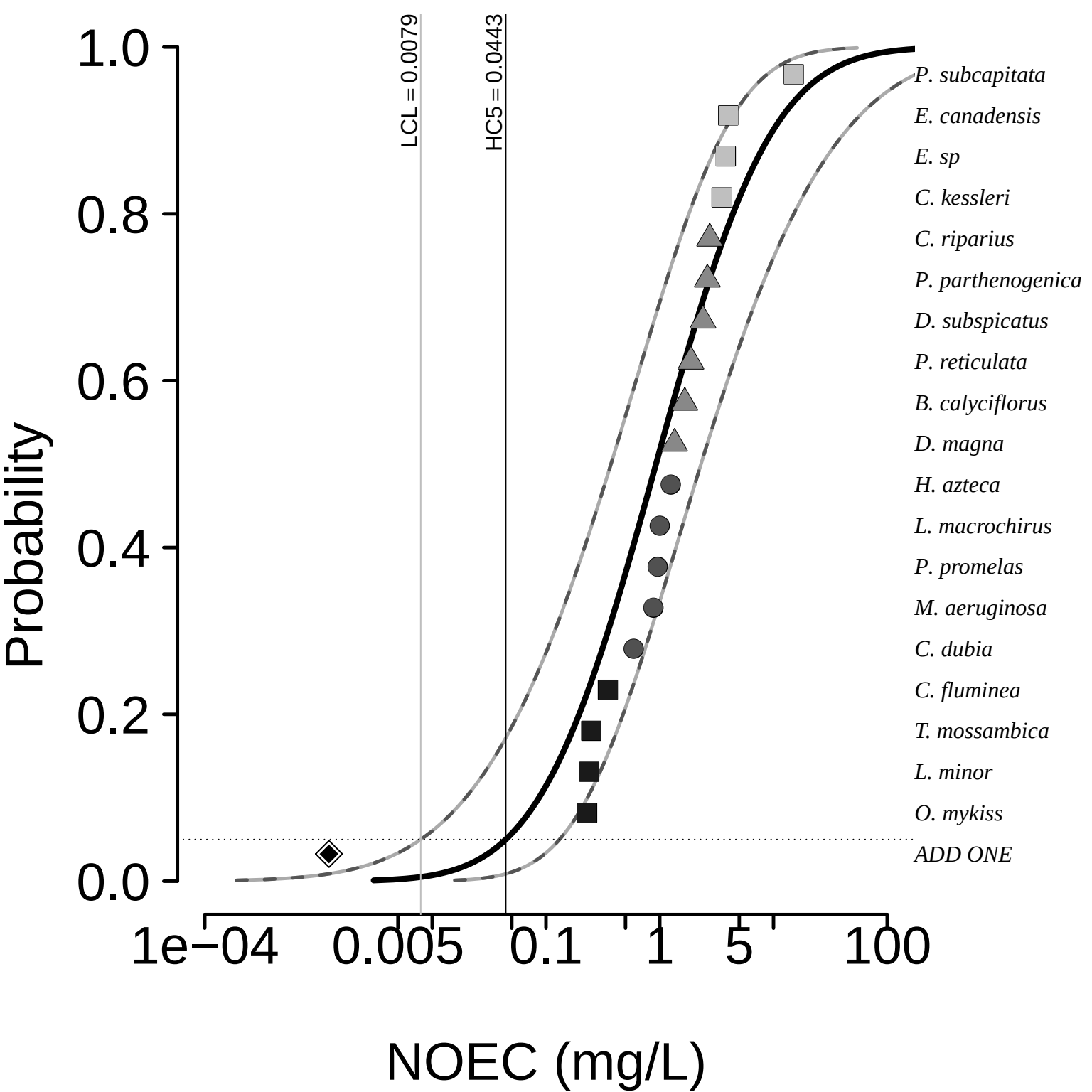
A: Normal Add−One−In

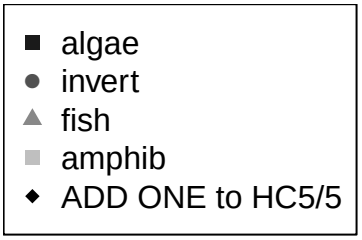

LCL = 0.030
HC5 = 0.111
1.0
0.8
0.6
0.4
0.2
0.0
Probability
0.001
0.05
0.5
5
NOEC (mg/L)
P. subcapitata
E. canadensis
E. sp
C. kessleri
C. riparius
P. parthenogenica
D. subspicatus
P. reticulata
B. calyciflorus
D. magna
H. azteca
L. macrochirus
P. promelas
M. aeruginosa
C. dubia
C. fluminea
T. mossambica
L. minor
O. mykiss
ADD ONE

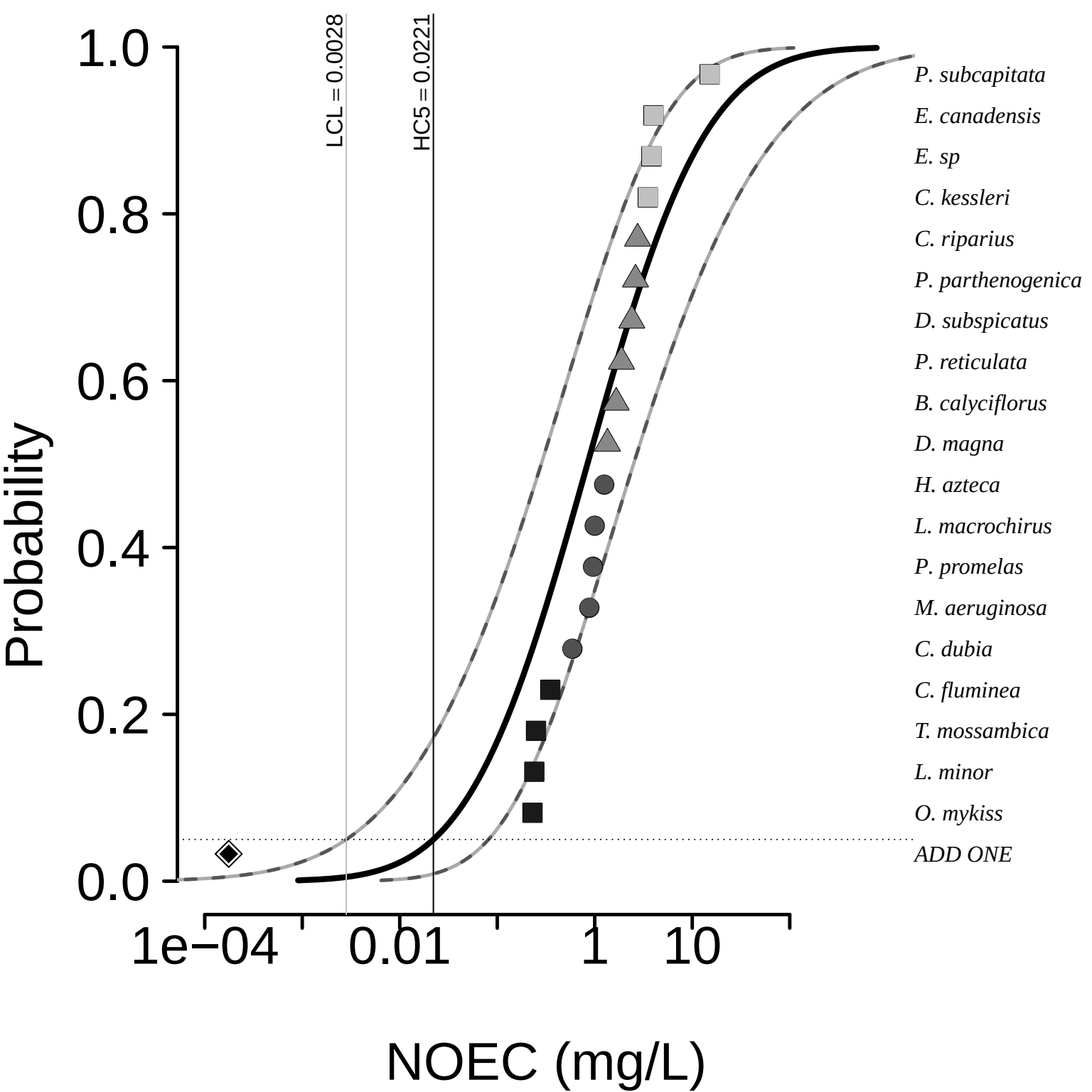

algae
invert
fish
amphib
ADD ONE to HC5/2

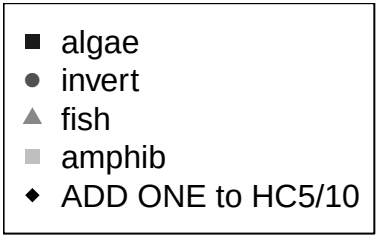

LCL = 0.0169
HC5 = 0.0738
1.0
0.8
0.6
0.4
0.2
0.0
Probability
0.001
0.05
0.5
5
NOEC (mg/L)
P. subcapitata
E. canadensis
E. sp
C. kessleri
C. riparius
P. parthenogenica
D. subspicatus
P. reticulata
B. calyciflorus
D. magna
H. azteca
L. macrochirus
P. promelas
M. aeruginosa
C. dubia
C. fluminea
T. mossambica
L. minor
O. mykiss
ADD ONE

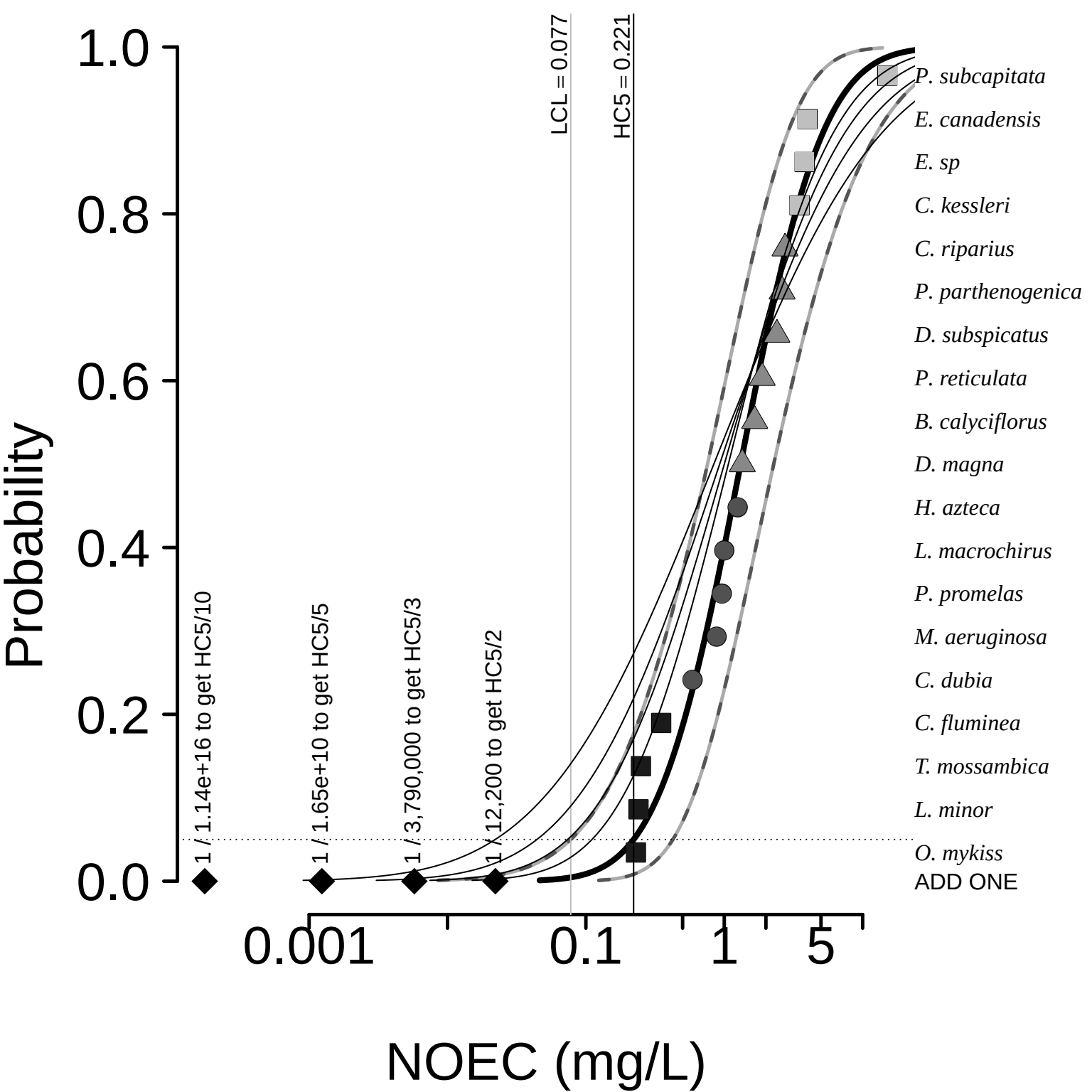

algae
invert
fish
amphib
ADD ONE to HC5/3

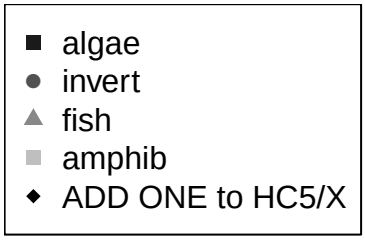

LCL = 0.0079
HC5 = 0.0443
1.0
0.8
0.6
0.4
0.2
0.0
Probability
1e−04
0.005
0.1
1
5
100
NOEC (mg/L)
P. subcapitata
E. canadensis
E. sp
C. kessleri
C. riparius
P. parthenogenica
D. subspicatus
P. reticulata
B. calyciflorus
D. magna
H. azteca
L. macrochirus
P. promelas
M. aeruginosa
C. dubia
C. fluminea
T. mossambica
L. minor
O. mykiss
ADD ONE


algae
invert
fish
amphib
ADD ONE to HC5/5


LCL = 0.0028
HC5 = 0.0221
1.0
0.8
0.6
0.4
0.2
0.0
Probability
1e−04
0.01
1
10
NOEC (mg/L)
P. subcapitata
E. canadensis
E. sp
C. kessleri
C. riparius
P. parthenogenica
D. subspicatus
P. reticulata
B. calyciflorus
D. magna
H. azteca
L. macrochirus
P. promelas
M. aeruginosa
C. dubia
C. fluminea
T. mossambica
L. minor
O. mykiss
ADD ONE

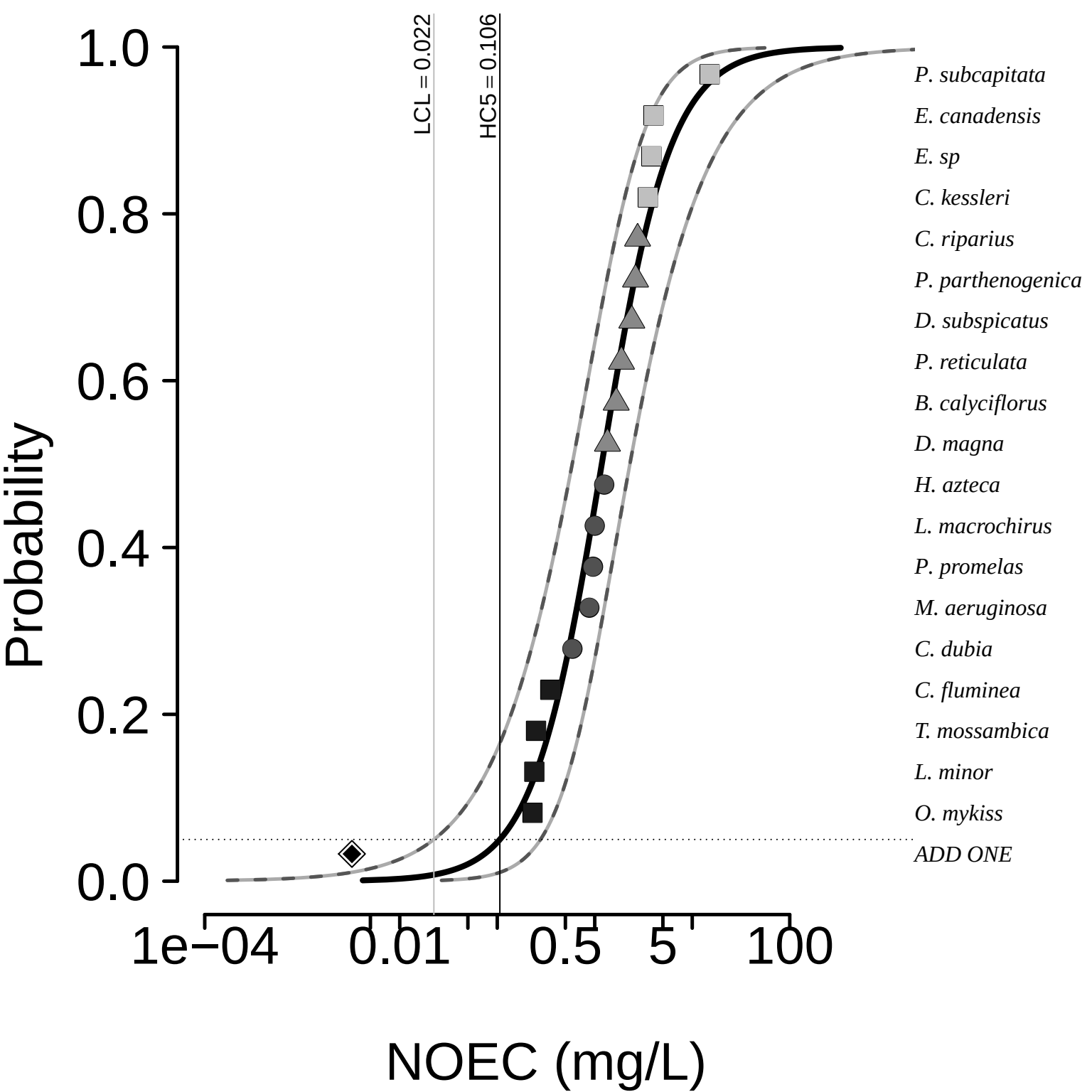

algae
invert
fish
amphib
ADD ONE to HC5/10

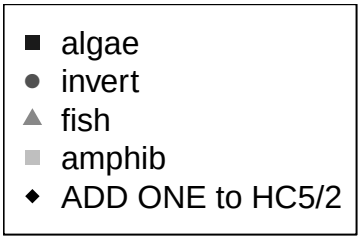

1.0
0.8
0.6
0.4
0.2
0.0
Probability
LCL = 0.077
HC5 = 0.221
1 / 1.14e+16 to get HC5/10
1 / 1.65e+10 to get HC5/5
1 / 3,790,000 to get HC5/3
1 / 12,200 to get HC5/2
P. subcapitata
E. canadensis
E. sp
C. kessleri
C. riparius
P. parthenogenica
D. subspicatus
P. reticulata
B. calyciflorus
D. magna
H. azteca
L. macrochirus
P. promelas
M. aeruginosa
C. dubia
C. fluminea
T. mossambica
L. minor
O. mykiss
ADD ONE
0.001
0.1
1
5
NOEC (mg/L)

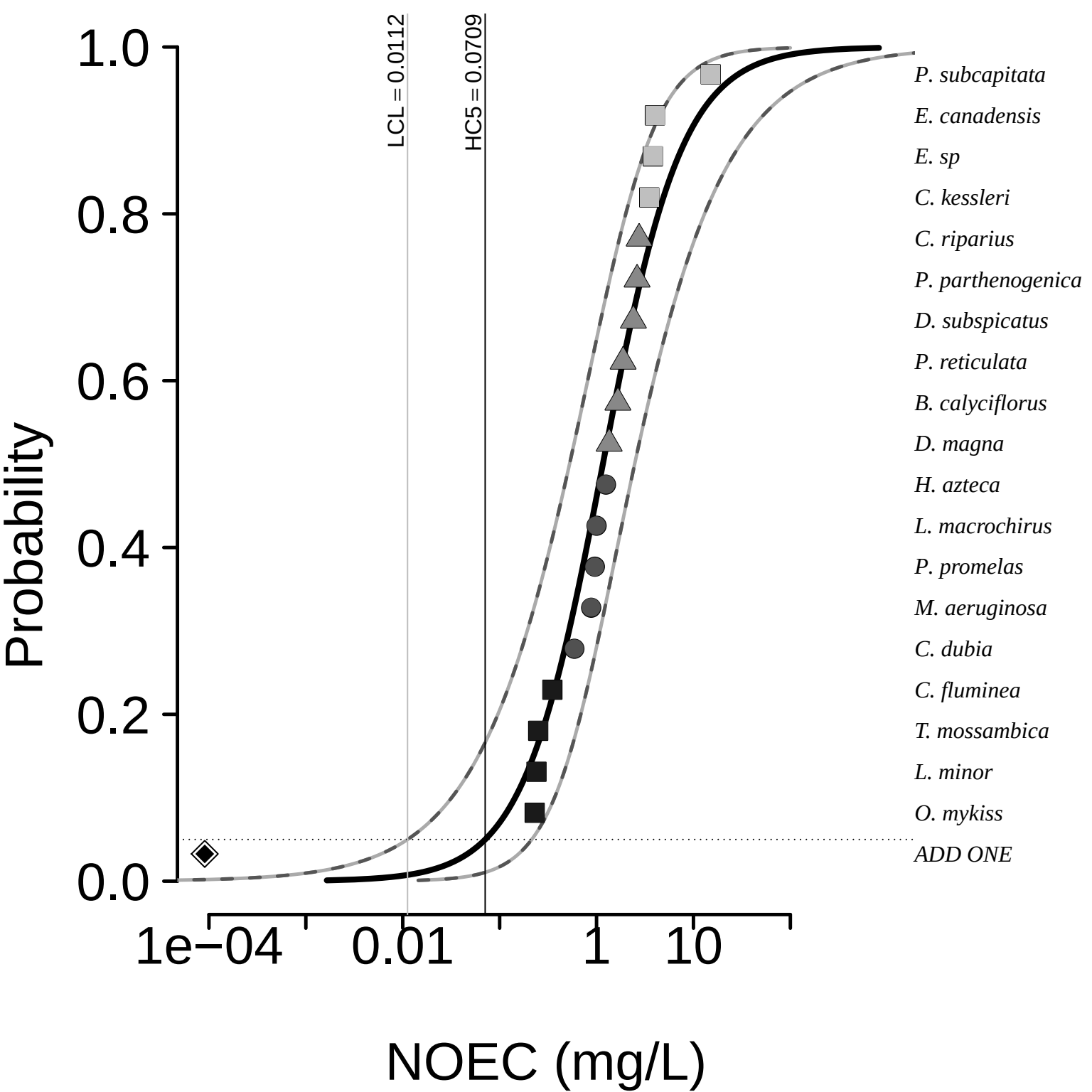

algae
invert
fish
amphib
ADD ONE to HC5/X

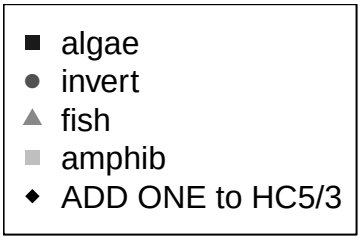
Add−One−In Analysis

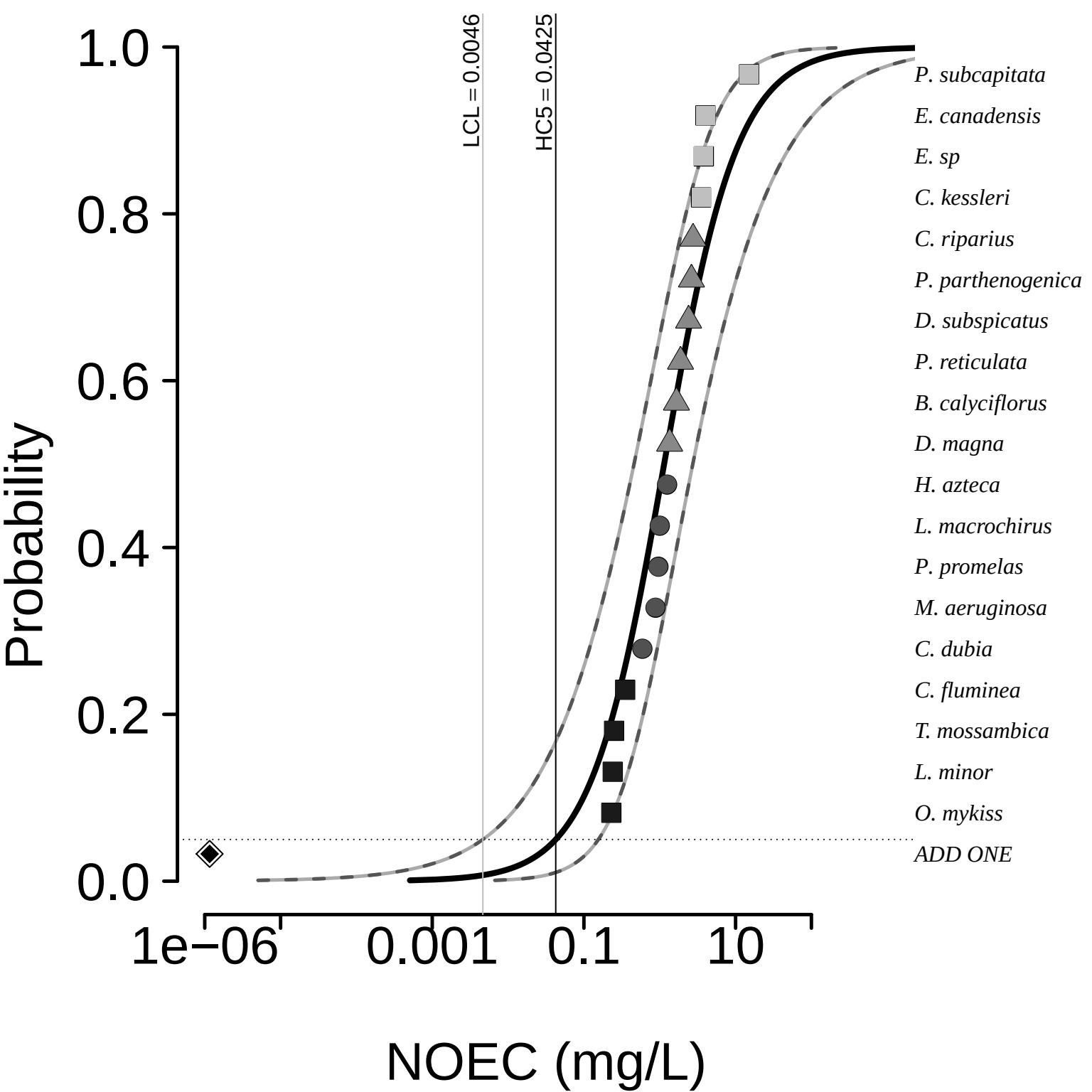
B: Logistic Add−One−In

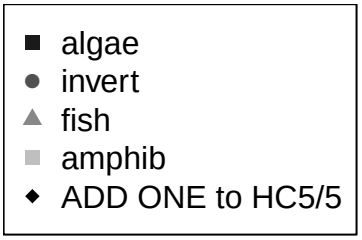

LCL = 0.022
HC5 = 0.106
1.0
0.8
0.6
0.4
0.2
0.0
Probability
1e−04
0.01
0.5
5
100
NOEC (mg/L)
P. subcapitata
E. canadensis
E. sp
C. kessleri
C. riparius
P. parthenogenica
D. subspicatus
P. reticulata
B. calyciflorus
D. magna
H. azteca
L. macrochirus
P. promelas
M. aeruginosa
C. dubia
C. fluminea
T. mossambica
L. minor
O. mykiss
ADD ONE

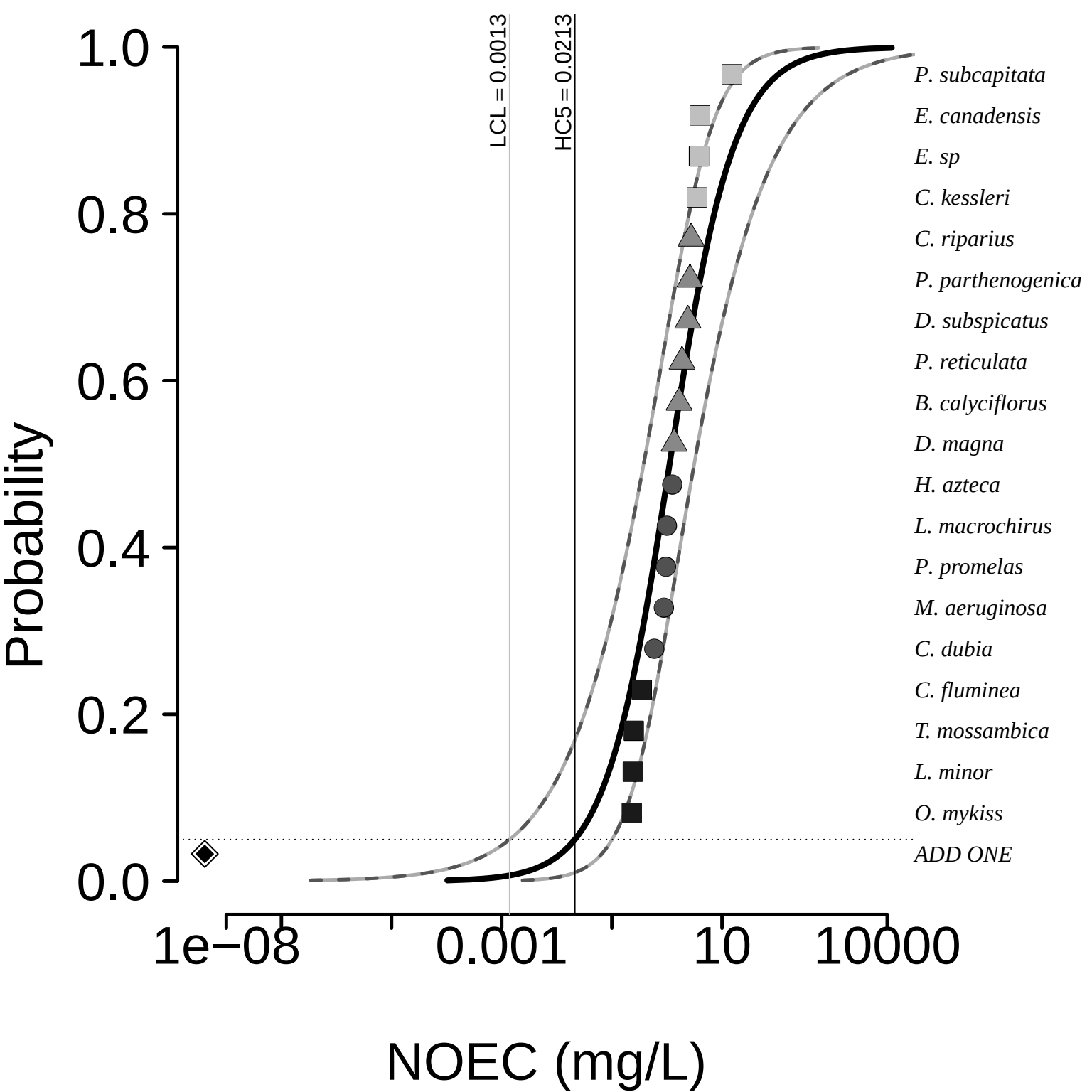

algae
invert
fish
amphib
ADD ONE to HC5/2

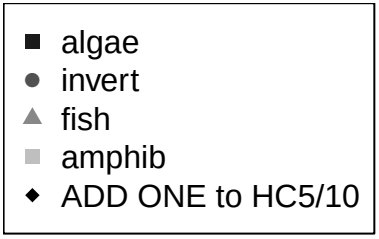

LCL = 0.0112
HC5 = 0.0709
1.0
0.8
0.6
0.4
0.2
0.0
Probability
1e−04
0.01
1
10
NOEC (mg/L)
P. subcapitata
E. canadensis
E. sp
C. kessleri
C. riparius
P. parthenogenica
D. subspicatus
P. reticulata
B. calyciflorus
D. magna
H. azteca
L. macrochirus
P. promelas
M. aeruginosa
C. dubia
C. fluminea
T. mossambica
L. minor
O. mykiss
ADD ONE

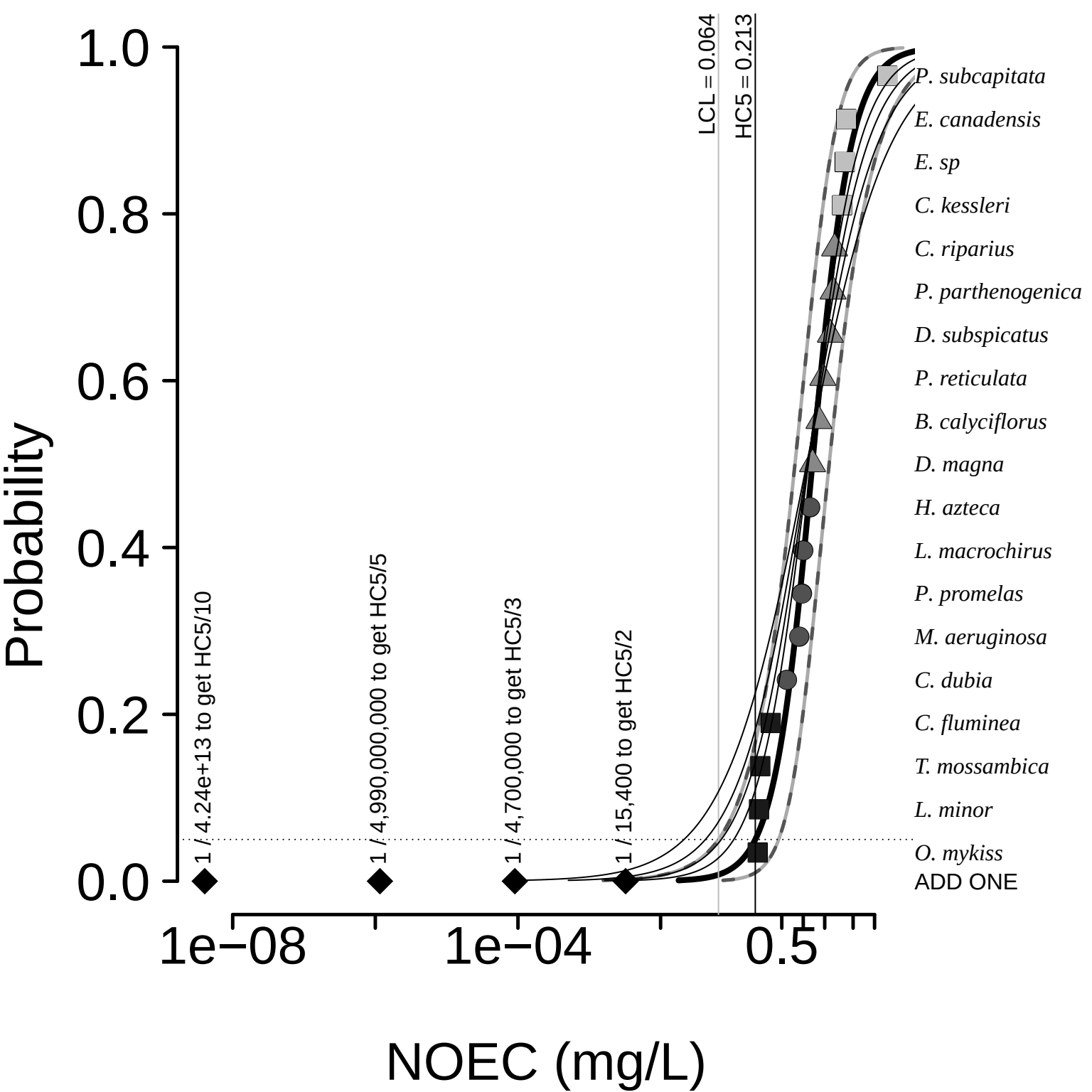

algae
invert
fish
amphib
ADD ONE to HC5/3

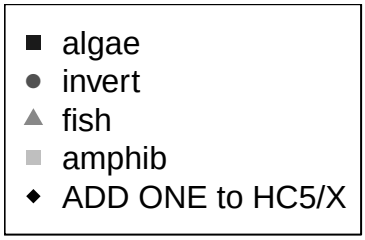

LCL = 0.0046
HC5 = 0.0425
1.0
0.8
0.6
0.4
0.2
0.0
Probability
1e−06
0.001
0.1
10
NOEC (mg/L)
P. subcapitata
E. canadensis
E. sp
C. kessleri
C. riparius
P. parthenogenica
D. subspicatus
P. reticulata
B. calyciflorus
D. magna
H. azteca
L. macrochirus
P. promelas
M. aeruginosa
C. dubia
C. fluminea
T. mossambica
L. minor
O. mykiss
ADD ONE


algae
invert
fish
amphib
ADD ONE to HC5/5


LCL = 0.0013
HC5 = 0.0213
1.0
0.8
0.6
0.4
0.2
0.0
Probability
1e−08
0.001
10
10000
NOEC (mg/L)
P. subcapitata
E. canadensis
E. sp
C. kessleri
C. riparius
P. parthenogenica
D. subspicatus
P. reticulata
B. calyciflorus
D. magna
H. azteca
L. macrochirus
P. promelas
M. aeruginosa
C. dubia
C. fluminea
T. mossambica
L. minor
O. mykiss
ADD ONE


algae
invert
fish
amphib
ADD ONE to HC5/10


1.0
0.8
0.6
0.4
0.2
0.0
Probability
1e−08
1e−04
0.5
NOEC (mg/L)
LCL = 0.064
HC5 = 0.213
1 / 4.24e+13 to get HC5/10
1 / 4,990,000,000 to get HC5/5
1 / 4,700,000 to get HC5/3
1 / 15,400 to get HC5/2
P. subcapitata
E. canadensis
E. sp
C. kessleri
C. riparius
P. parthenogenica
D. subspicatus
P. reticulata
B. calyciflorus
D. magna
H. azteca
L. macrochirus
P. promelas
M. aeruginosa
C. dubia
C. fluminea
T. mossambica
L. minor
O. mykiss
ADD ONE


algae
invert
fish
amphib
ADD ONE to HC5/X