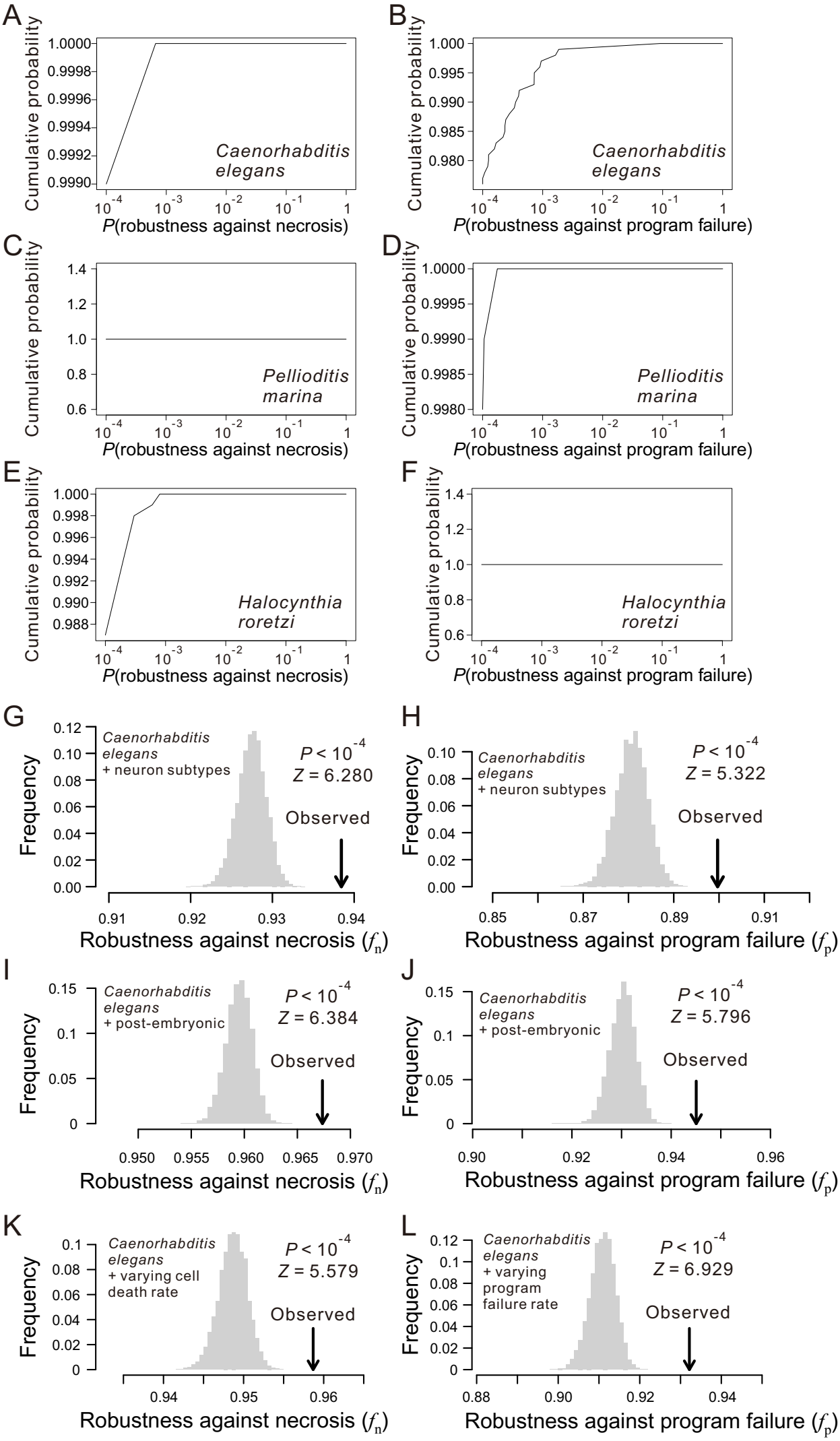
A
Cumulative probability
1.0000
0.9998
0.9996
0.9994
0.9992
0.9990
Caenorhabditis elegans
10^-4 10^-3 10^-2 10^-1 1
P(robustness against necrosis)
B
Cumulative probability
1.000
0.995
0.990
0.985
0.980
Caenorhabditis elegans
10^-4 10^-3 10^-2 10^-1 1
P(robustness against program failure)
C
Cumulative probability
1.4
1.2
1.0
0.8
0.6
Pellioditis marina
10^-4 10^-3 10^-2 10^-1 1
P(robustness against necrosis)
D
Cumulative probability
1.0000
0.9995
0.9990
0.9985
0.9980
Pellioditis marina
10^-4 10^-3 10^-2 10^-1 1
P(robustness against program failure)
E
Cumulative probability
1.000
0.998
0.996
0.994
0.992
0.990
0.988
Halocynthia roretzi
10^-4 10^-3 10^-2 10^-1 1
P(robustness against necrosis)
F
Cumulative probability
1.4
1.2
1.0
0.8
0.6
Halocynthia roretzi
10^-4 10^-3 10^-2 10^-1 1
P(robustness against program failure)
G
Frequency
0.12
0.10
0.08
0.06
0.04
0.02
0.00
Caenorhabditis elegans + neuron subtypes
P < 10^-4
Z = 6.280
Observed
0.91 0.92 0.93 0.94
Robustness against necrosis (fn)
H
Frequency
0.10
0.08
0.06
0.04
0.02
0.00
Caenorhabditis elegans + neuron subtypes
P < 10^-4
Z = 5.322
Observed
0.85 0.87 0.89 0.91
Robustness against program failure (fp)
I
Frequency
0.15
0.1
0.05
0
Caenorhabditis elegans + post-embryonic
P < 10^-4
Z = 6.384
Observed
0.950 0.955 0.960 0.965 0.970
Robustness against necrosis (fn)
J
Frequency
0.15
0.1
0.05
0
Caenorhabditis elegans + post-embryonic
P < 10^-4
Z = 5.796
Observed
0.90 0.92 0.94 0.96
Robustness against program failure (fp)
K
Frequency
0.1
0.08
0.06
0.04
0.02
0
Caenorhabditis elegans + varying cell death rate
P < 10^-4
Z = 5.579
Observed
0.94 0.95 0.96
Robustness against necrosis (fn)
L
Frequency
0.12
0.1
0.08
0.06
0.04
0.02
0
Caenorhabditis elegans + varying program failure rate
P < 10^-4
Z = 6.929
Observed
0.88 0.90 0.92 0.94
Robustness against program failure (fp)

Figure S1