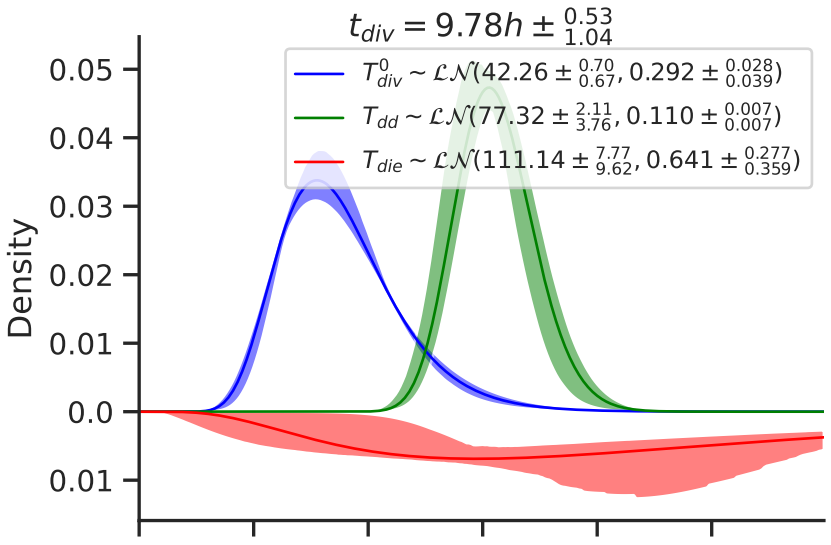
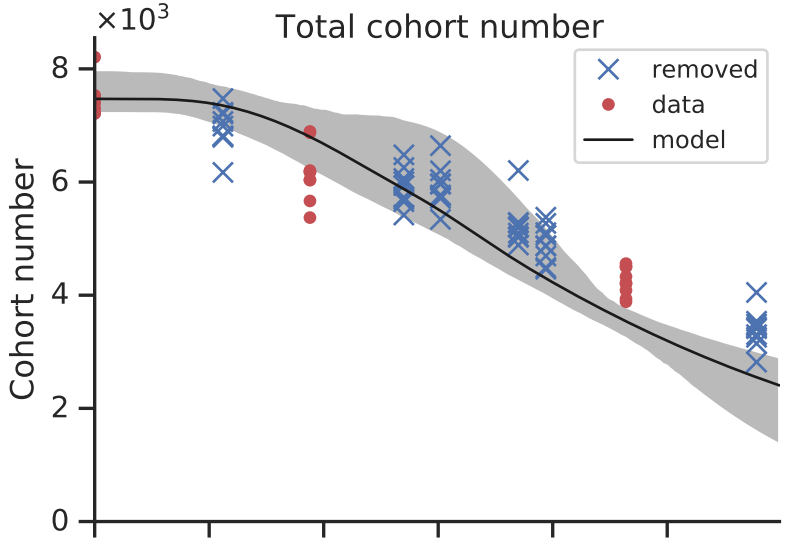
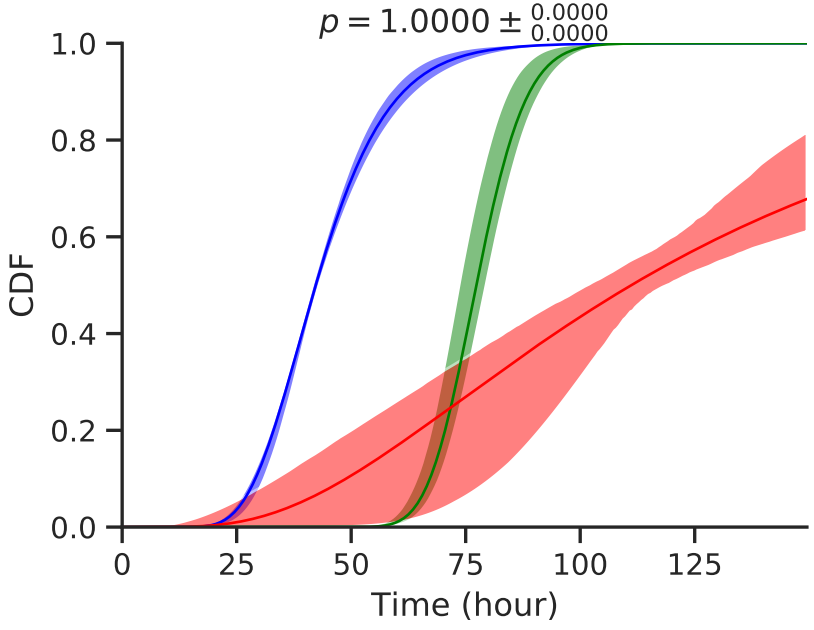
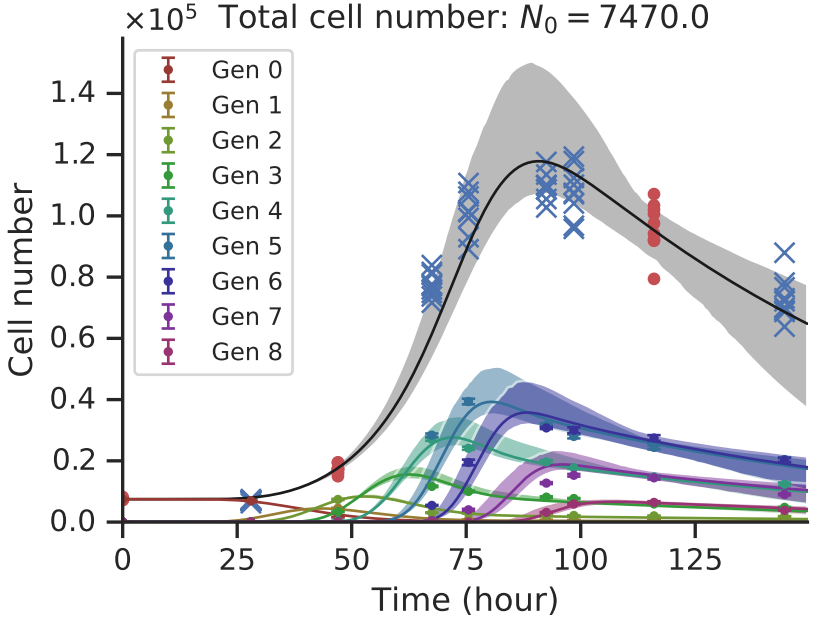
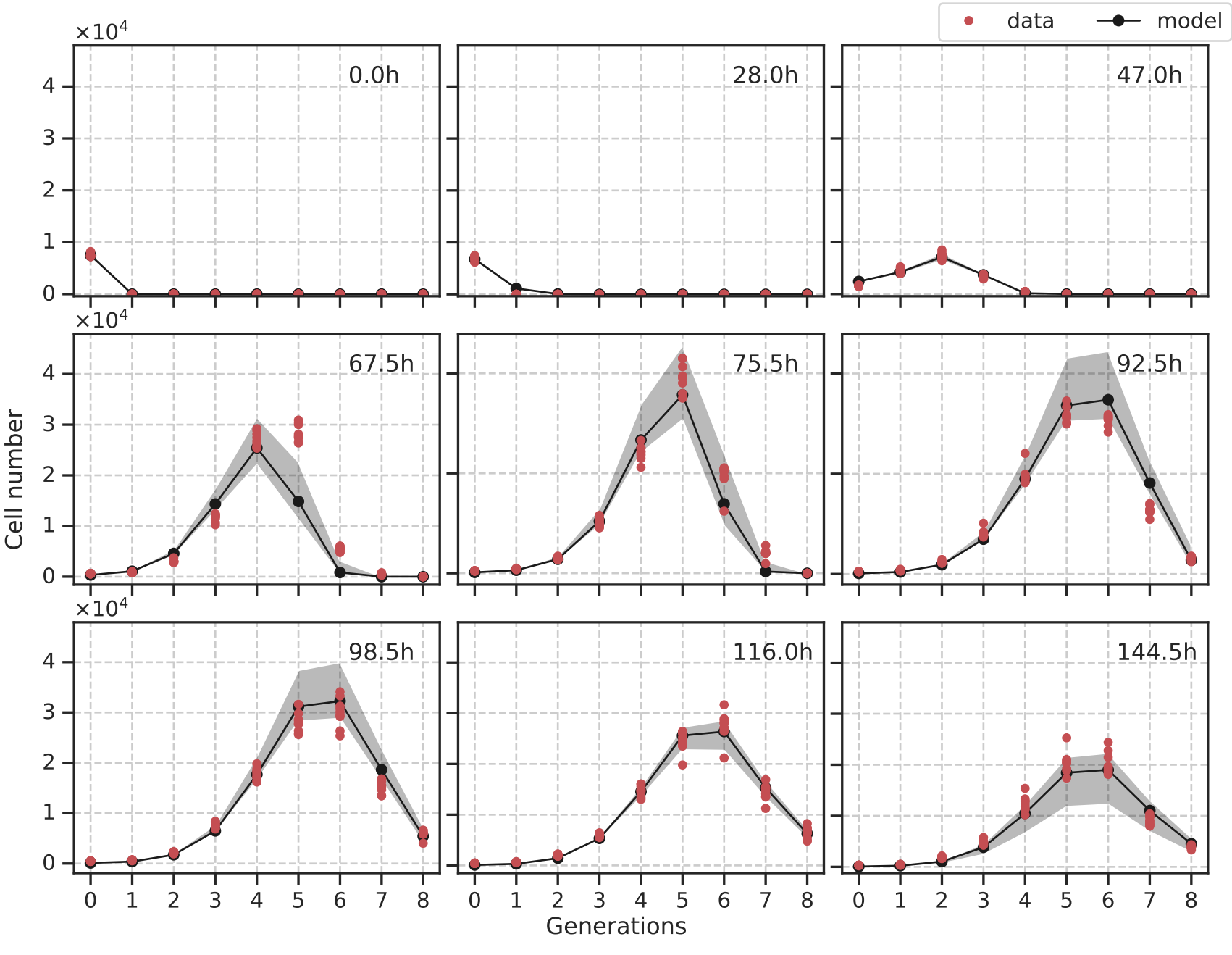
[SH1.119][CpG][1,3,4,5,6,8 tps] Cyton parameters, Total cohort and cell numbers

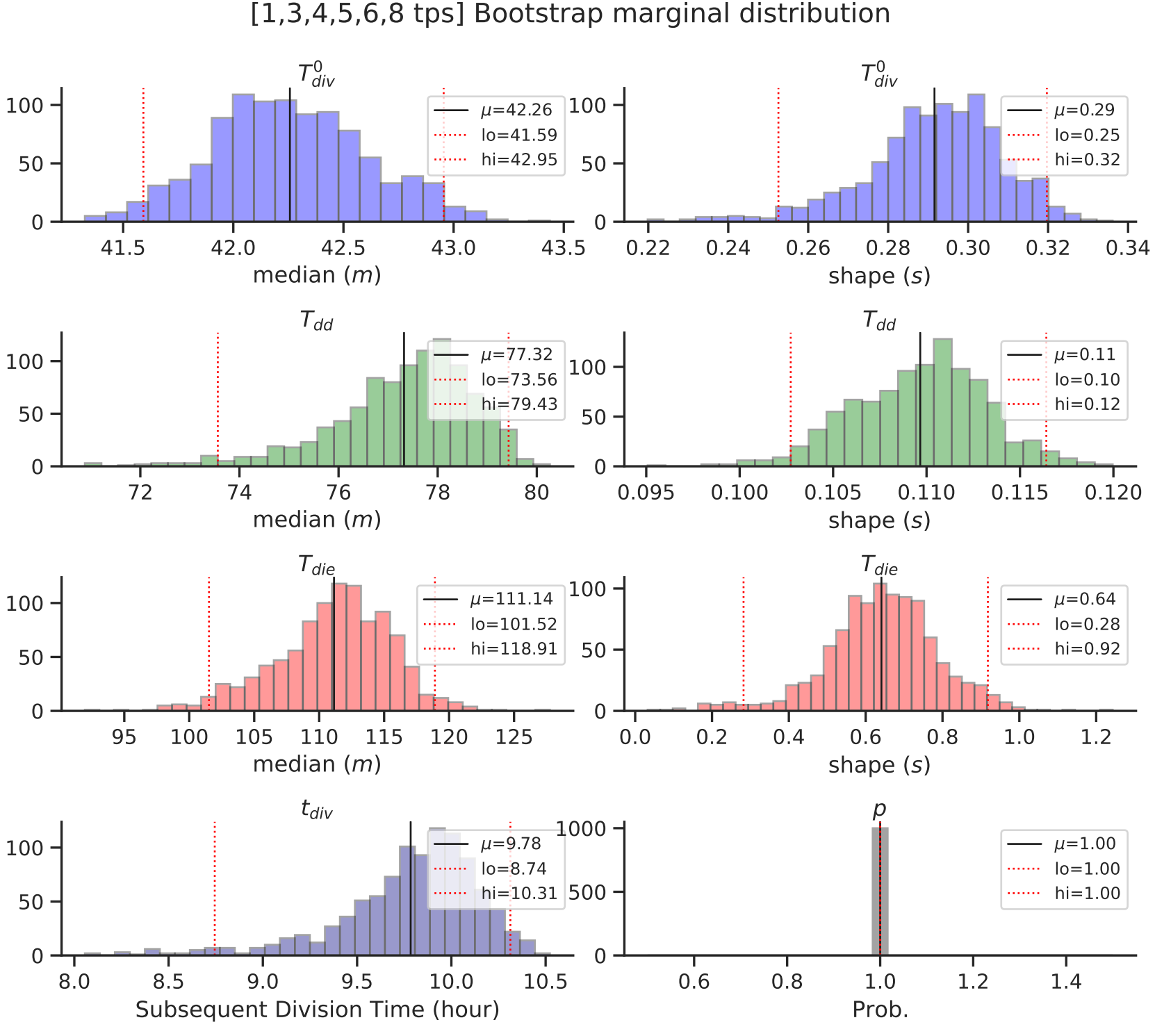


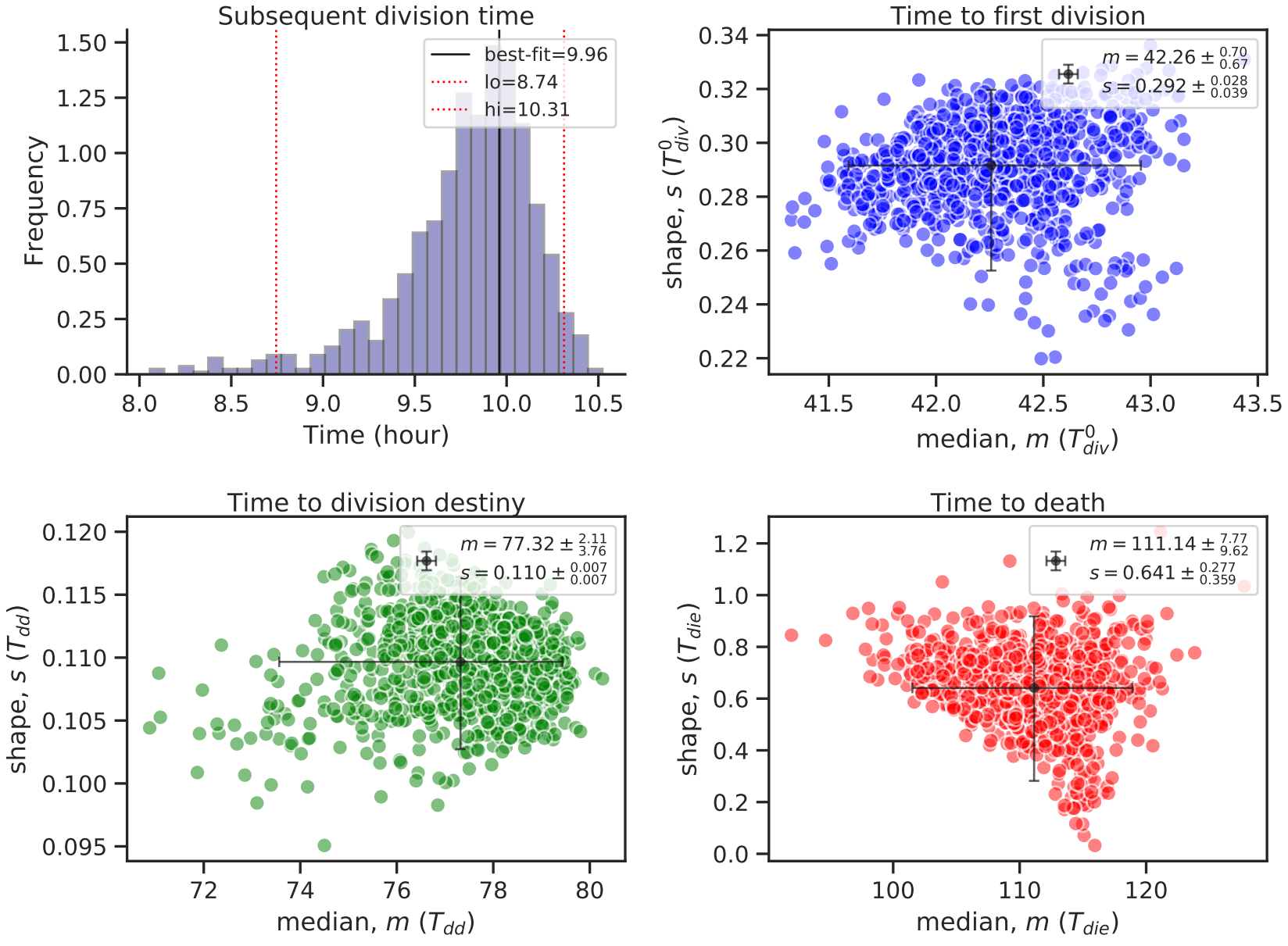


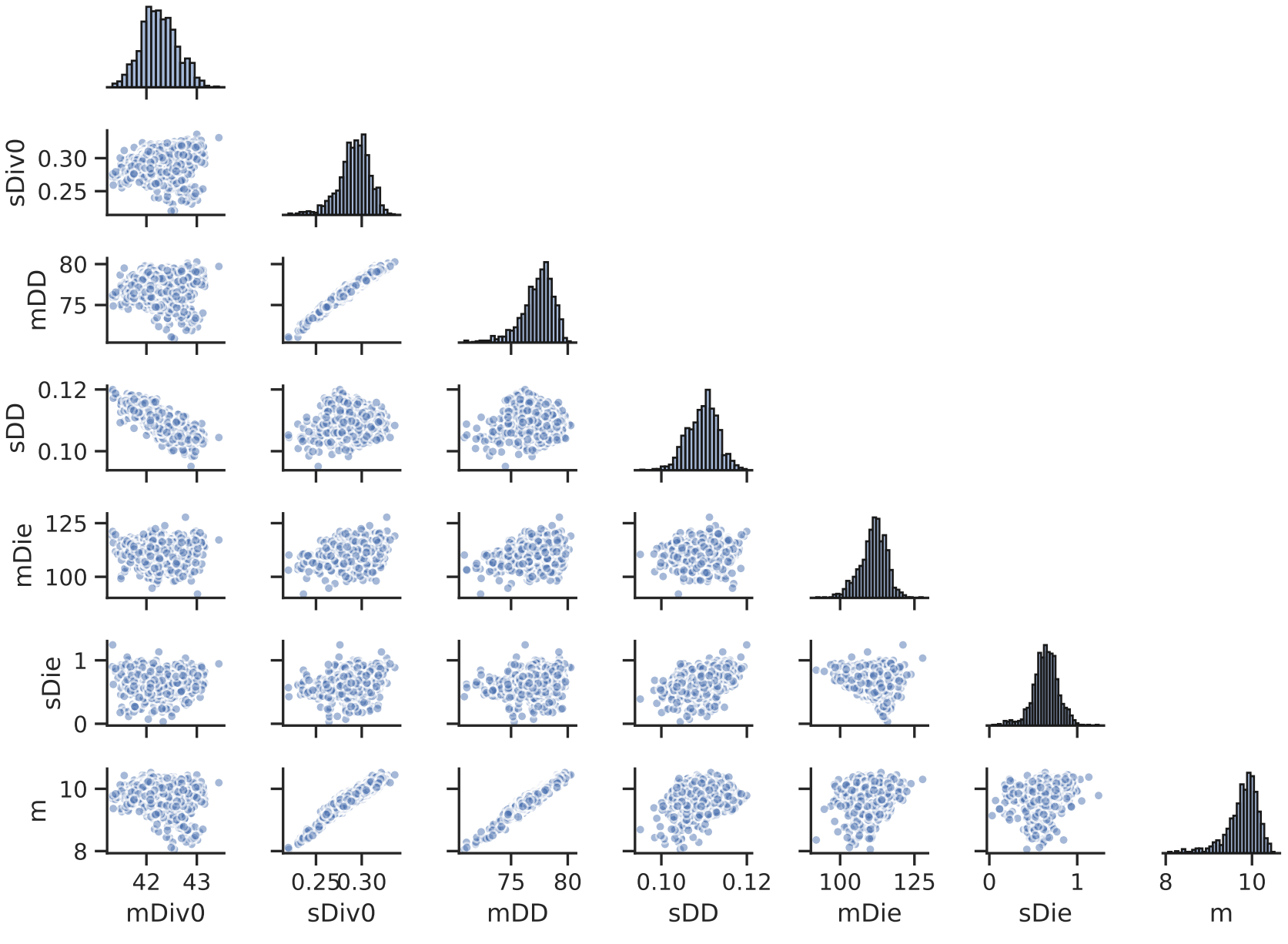





data
model
×10^4
0.0h
28.0h
47.0h
67.5h
75.5h
92.5h
98.5h
116.0h
144.5h
Cell number
Generations
0
1
2
3
4
5
6
7
8


[1,3,4,5,6,8 tps] Bootstrap marginal distribution
T^0_{div}
μ=42.26
lo=41.59
hi=42.95
median (m)
T^0_{div}
μ=0.29
lo=0.25
hi=0.32
shape (s)
T_{dd}
μ=77.32
lo=73.56
hi=79.43
median (m)
T_{dd}
μ=0.11
lo=0.10
hi=0.12
shape (s)
T_{die}
μ=111.14
lo=101.52
hi=118.91
median (m)
T_{die}
μ=0.64
lo=0.28
hi=0.92
shape (s)
t_{div}
μ=9.78
lo=8.74
hi=10.31
Subsequent Division Time (hour)
p
μ=1.00
lo=1.00
hi=1.00
Prob.


[CpG][1,3,4,5,6,8 tps] Bootstrap distribution
Subsequent division time
best-fit=9.96
lo=8.74
hi=10.31
Frequency
Time (hour)
Time to first division
$m = 42.26 \pm {}^{0.70}_{0.67}$
$s = 0.292 \pm {}^{0.028}_{0.039}$
shape, s (T^0_{div})
median, m (T^0_{div})
Time to division destiny
$m = 77.32 \pm {}^{2.11}_{3.76}$
$s = 0.110 \pm {}^{0.007}_{0.007}$
shape, s (T_{dd})
median, m (T_{dd})
Time to death
$m = 111.14 \pm {}^{7.77}_{9.62}$
$s = 0.641 \pm {}^{0.277}_{0.359}$
shape, s (T_{die})
median, m (T_{die})


[CpG][1,3,4,5,6,8 tps] Parameter correlation
mDiv0
sDiv0
mDD
sDD
mDie
sDie
m
42
43
0.25
0.30
75
80
0.10
0.12
100
125
0
1
8
10