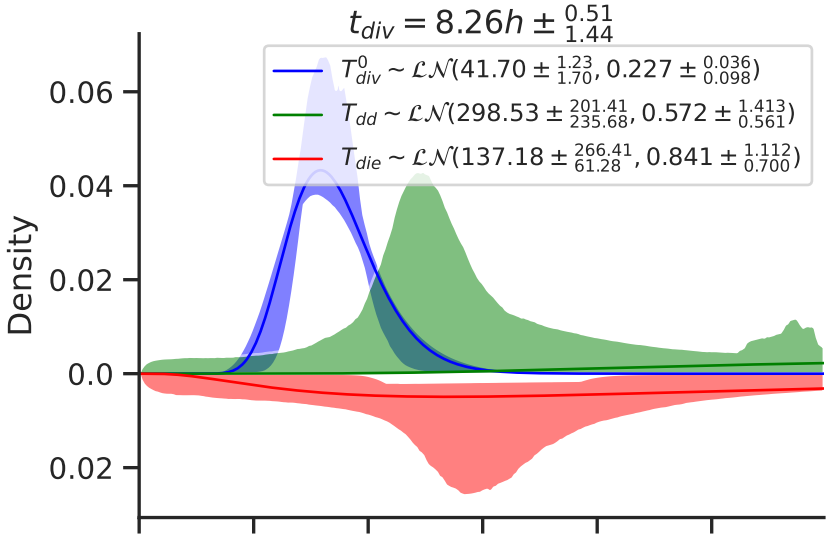
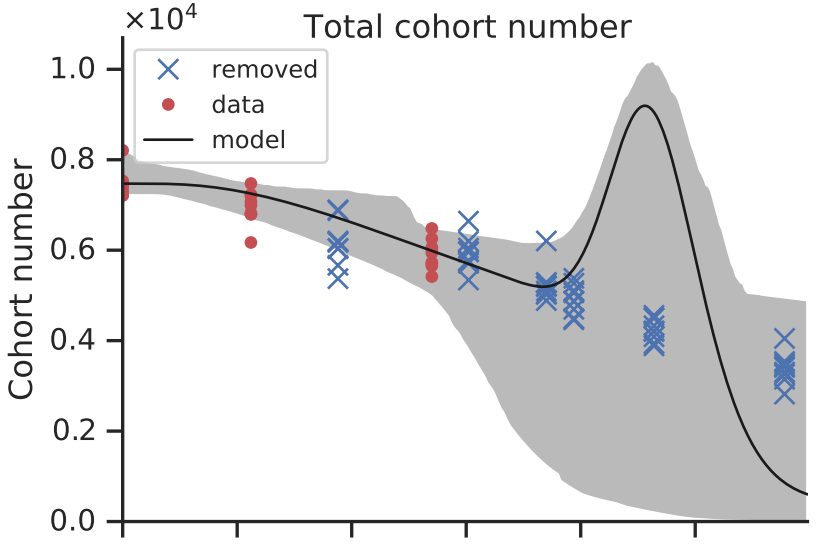
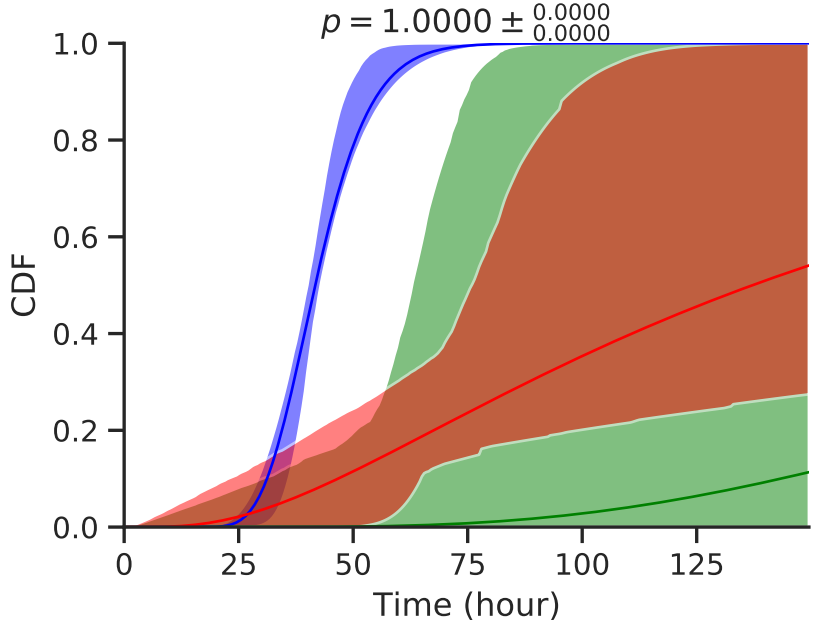
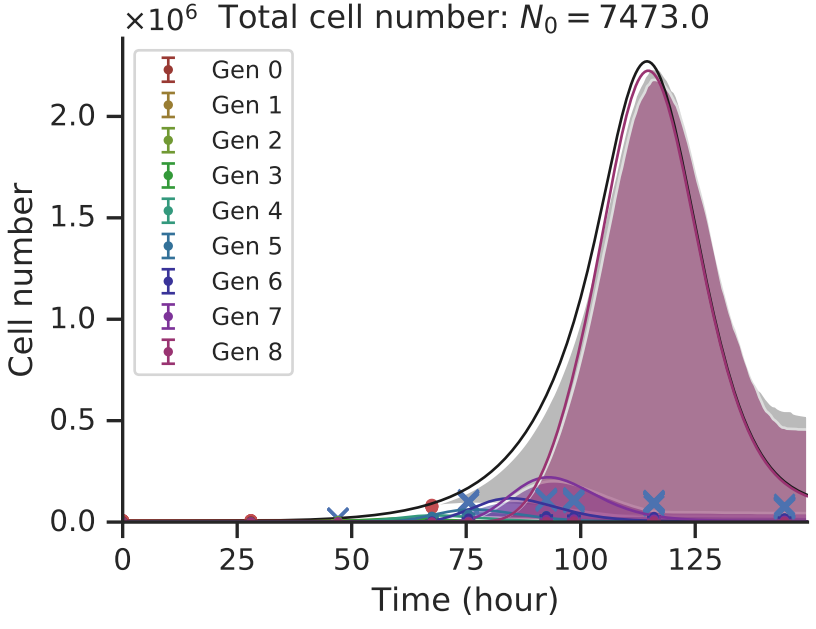
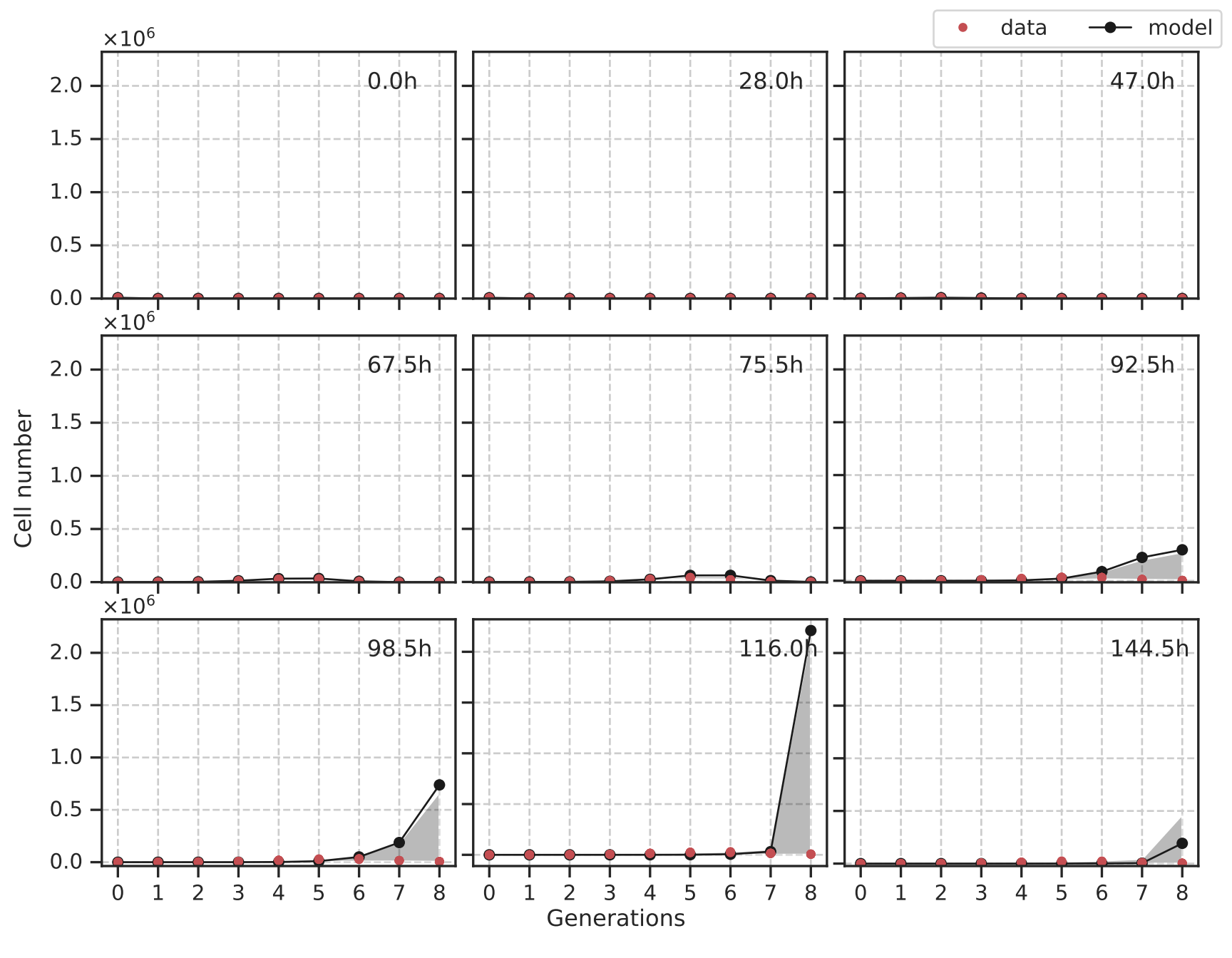
# [SH1.119][CpG][2,4,5,6,7,8 tps] Cyton parameters, Total cohort and cell numbers

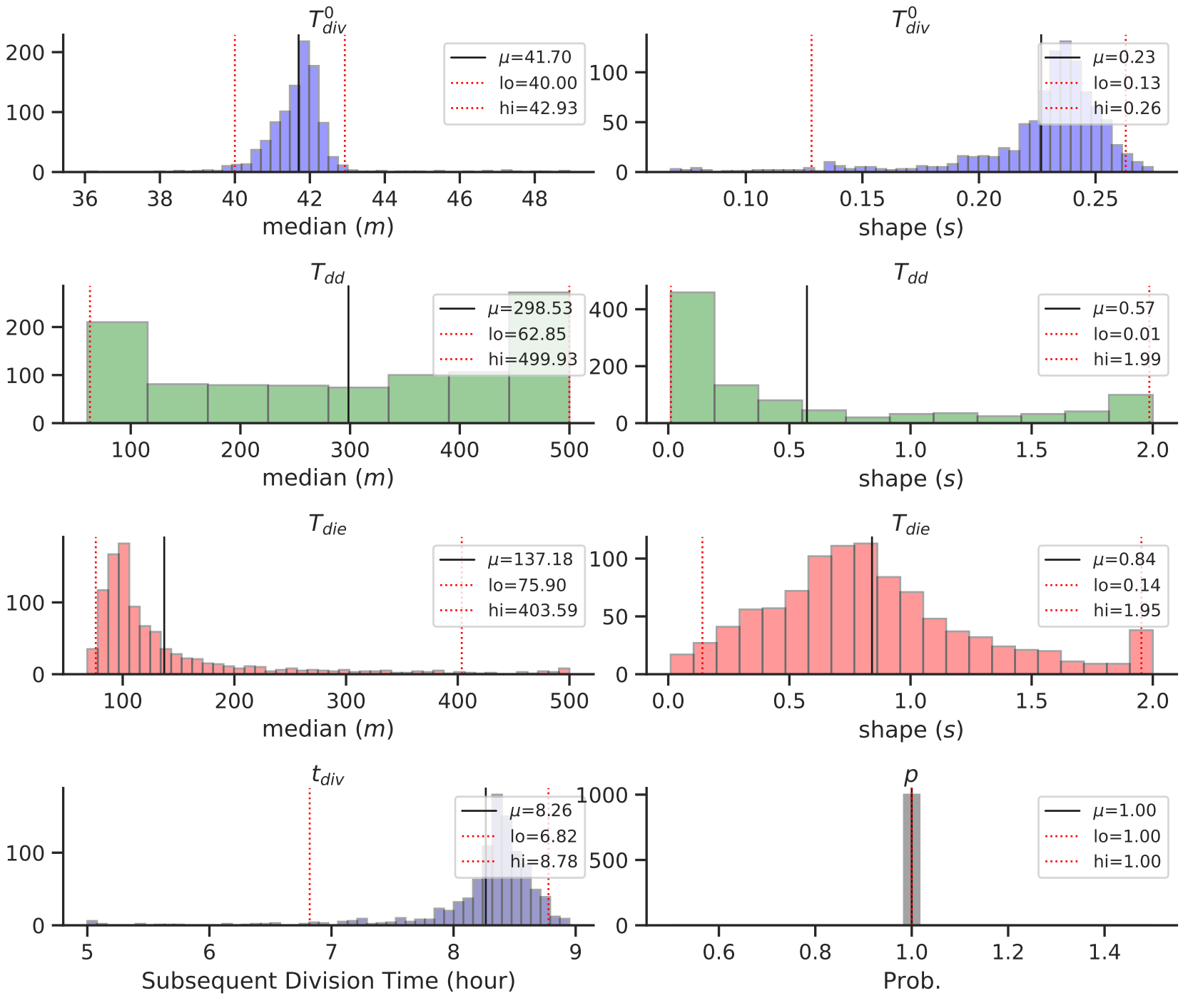


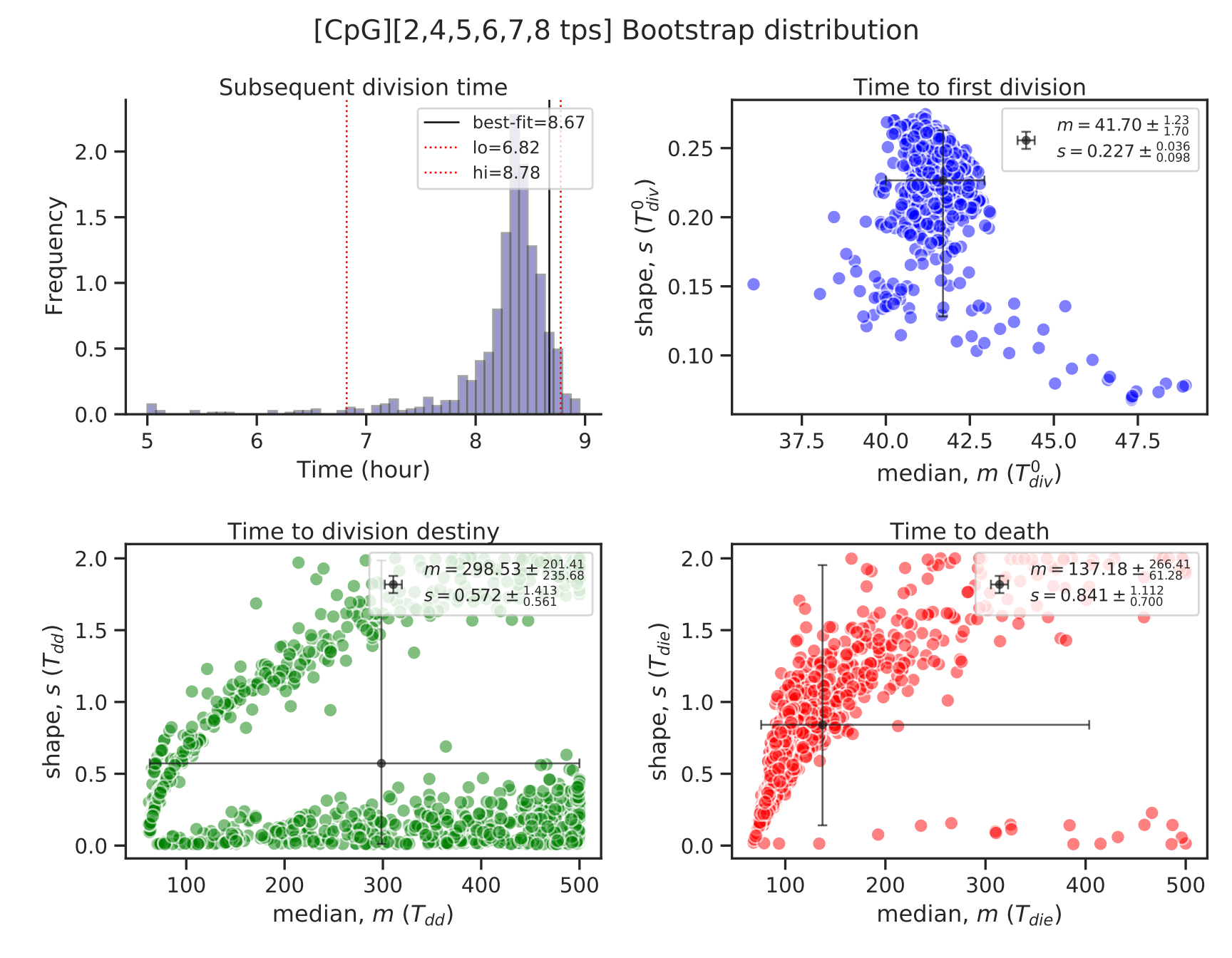



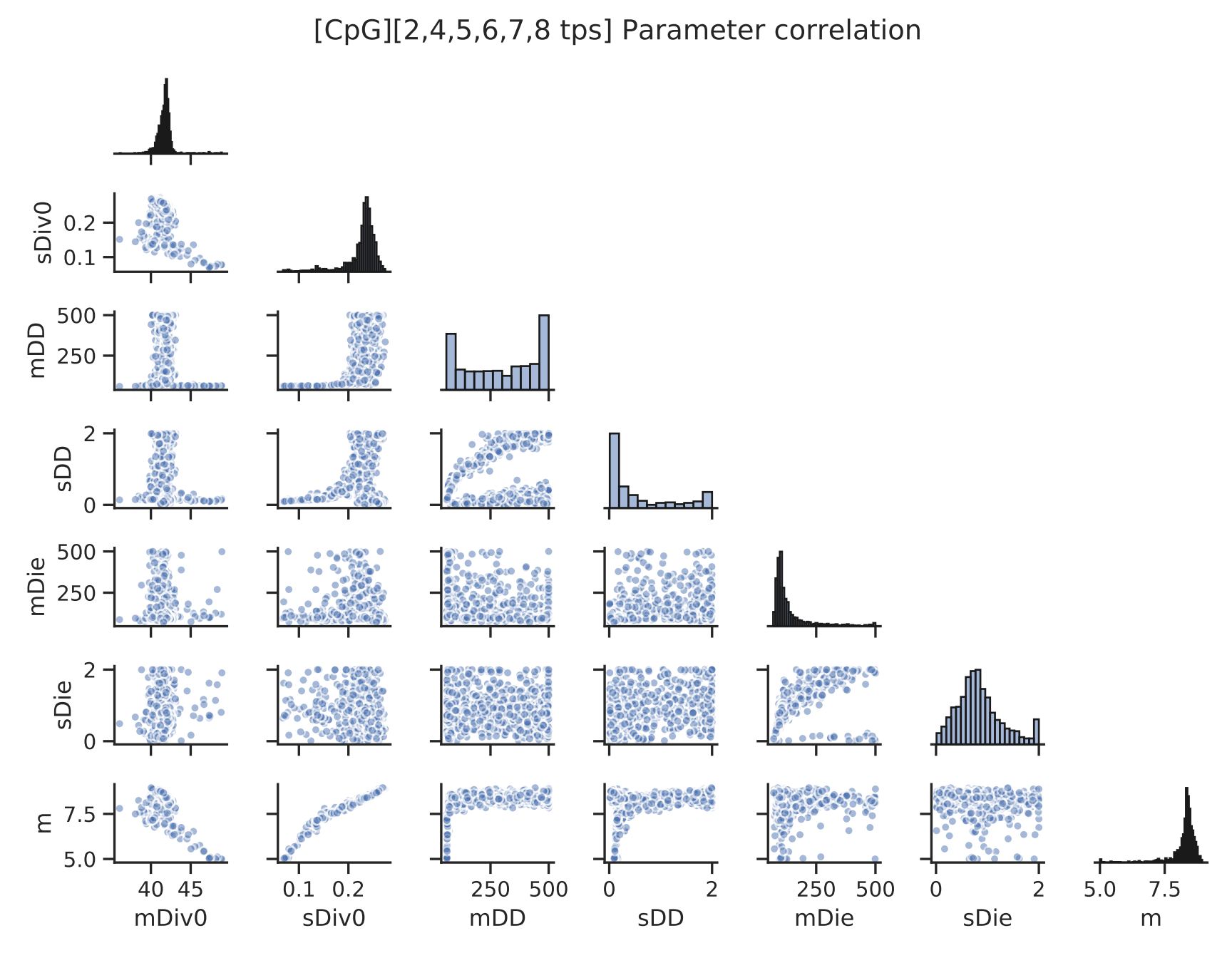




data
model
×10^6
0.0h
28.0h
47.0h
67.5h
75.5h
92.5h
98.5h
116.0h
144.5h
Cell number
Generations
0.0
0.5
1.0
1.5
2.0
0 1 2 3 4 5 6 7 8


[2,4,5,6,7,8 tps] Bootstrap marginal distribution
$T^0_{div}$
μ=41.70
lo=40.00
hi=42.93
median (m)
$T^0_{div}$
μ=0.23
lo=0.13
hi=0.26
shape (s)
$T_{dd}$
μ=298.53
lo=62.85
hi=499.93
median (m)
$T_{dd}$
μ=0.57
lo=0.01
hi=1.99
shape (s)
$T_{die}$
μ=137.18
lo=75.90
hi=403.59
median (m)
$T_{die}$
μ=0.84
lo=0.14
hi=1.95
shape (s)
$t_{div}$
μ=8.26
lo=6.82
hi=8.78
Subsequent Division Time (hour)
p
μ=1.00
lo=1.00
hi=1.00
Prob.


[CpG][2,4,5,6,7,8 tps] Bootstrap distribution
Subsequent division time
best-fit=8.67
lo=6.82
hi=8.78
Frequency
Time (hour)
Time to first division
$m = 41.70 \pm {}^{1.23}_{1.70}$
$s = 0.227 \pm {}^{0.036}_{0.098}$
shape, $s$ ($T^0_{div}$)
median, $m$ ($T^0_{div}$)
Time to division destiny
$m = 298.53 \pm {}^{201.41}_{235.68}$
$s = 0.572 \pm {}^{1.413}_{0.561}$
shape, $s$ ($T_{dd}$)
median, $m$ ($T_{dd}$)
Time to death
$m = 137.18 \pm {}^{266.41}_{61.28}$
$s = 0.841 \pm {}^{1.112}_{0.700}$
shape, $s$ ($T_{die}$)
median, $m$ ($T_{die}$)


[CpG][2,4,5,6,7,8 tps] Parameter correlation
mDiv0
sDiv0
mDD
sDD
mDie
sDie
m