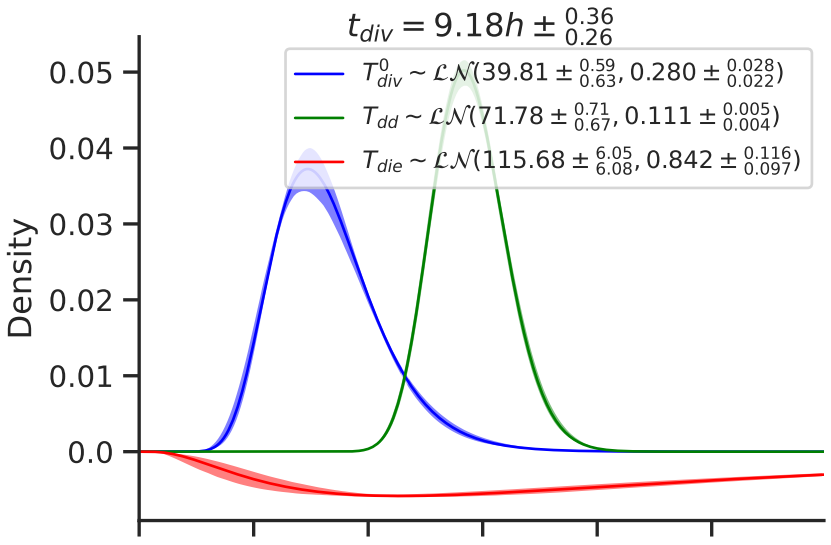
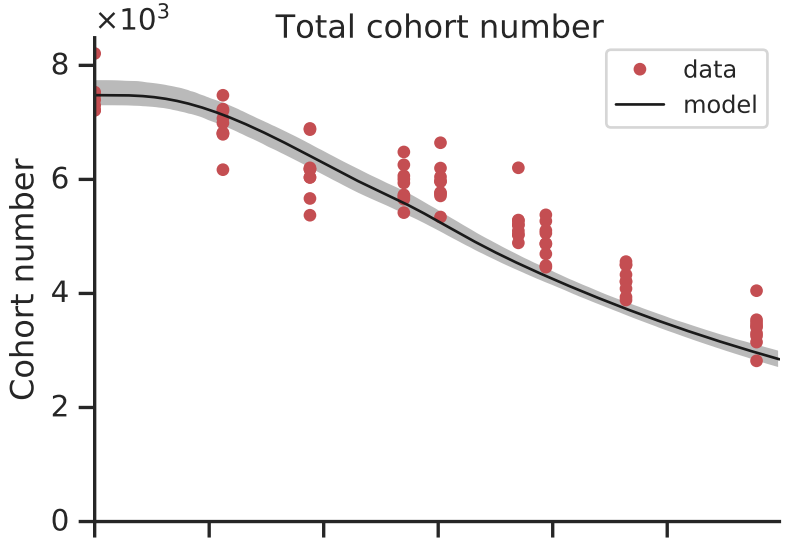
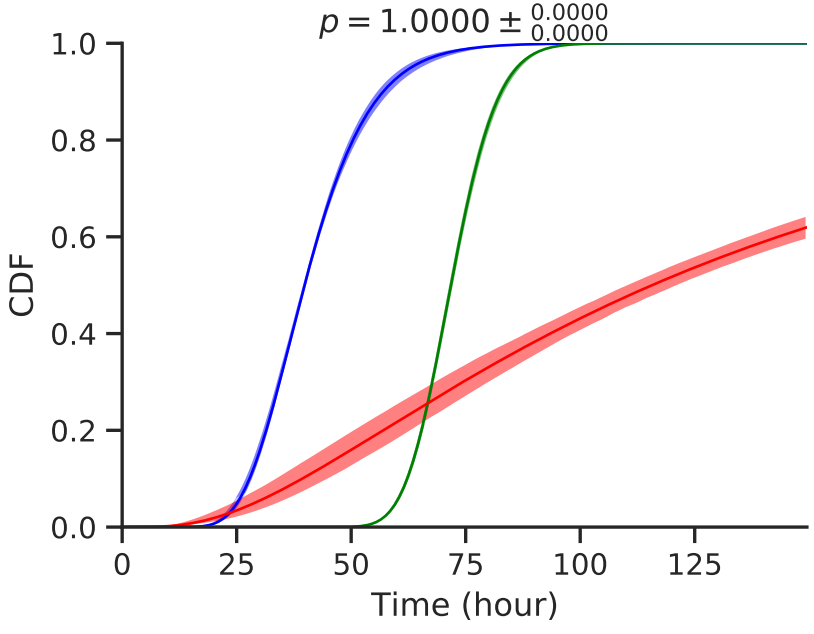
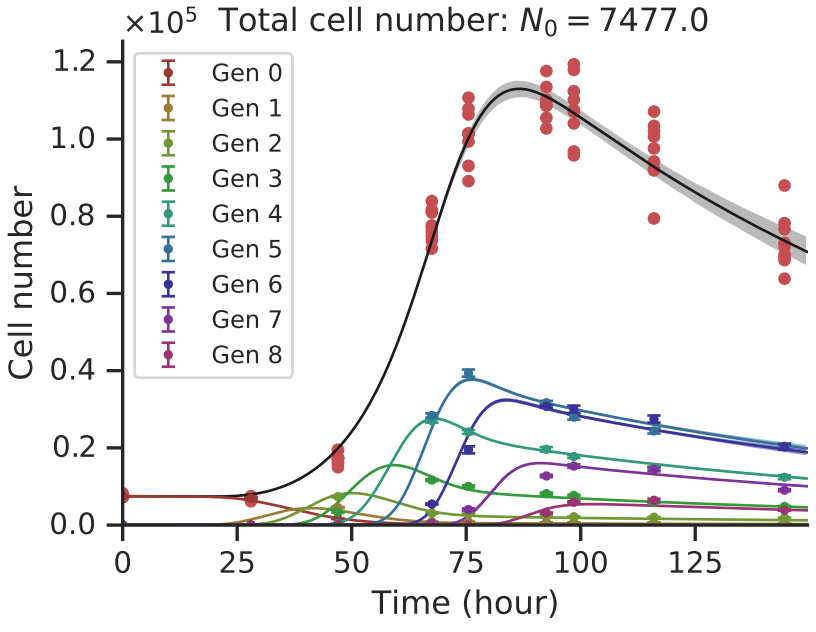
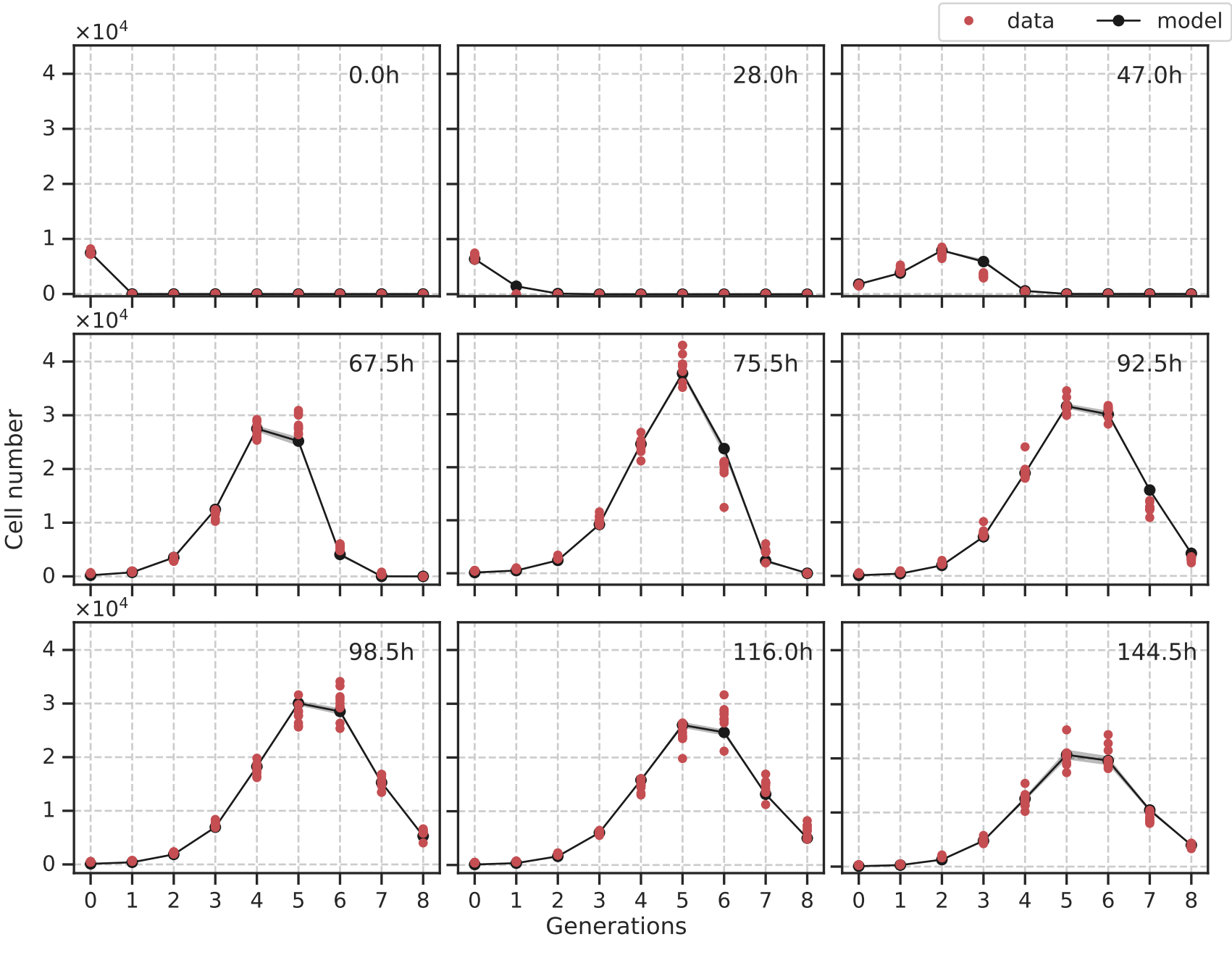
[SH1.119][CpG][8 Reps] Cyton parameters, Total cohort and cell numbers

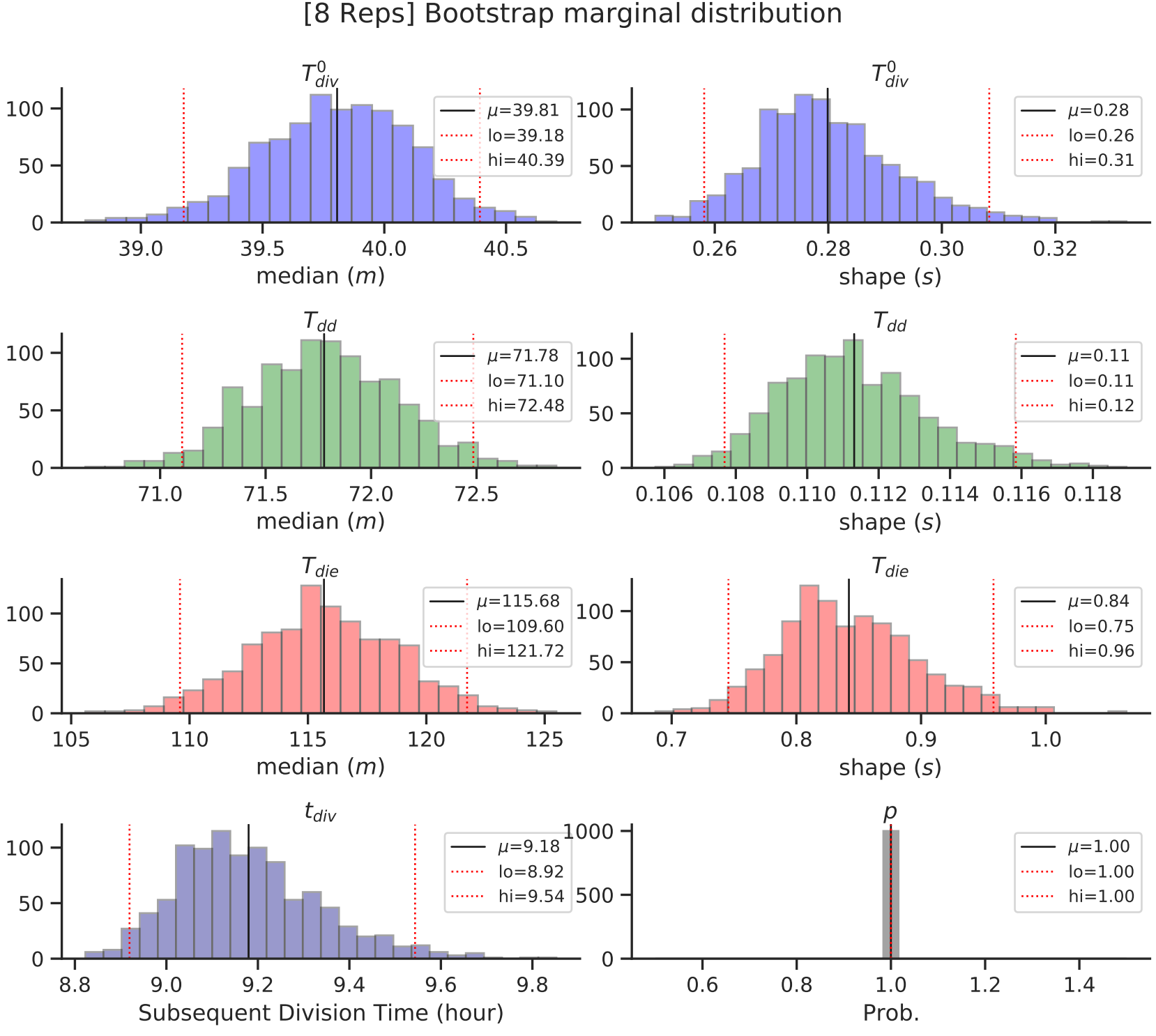


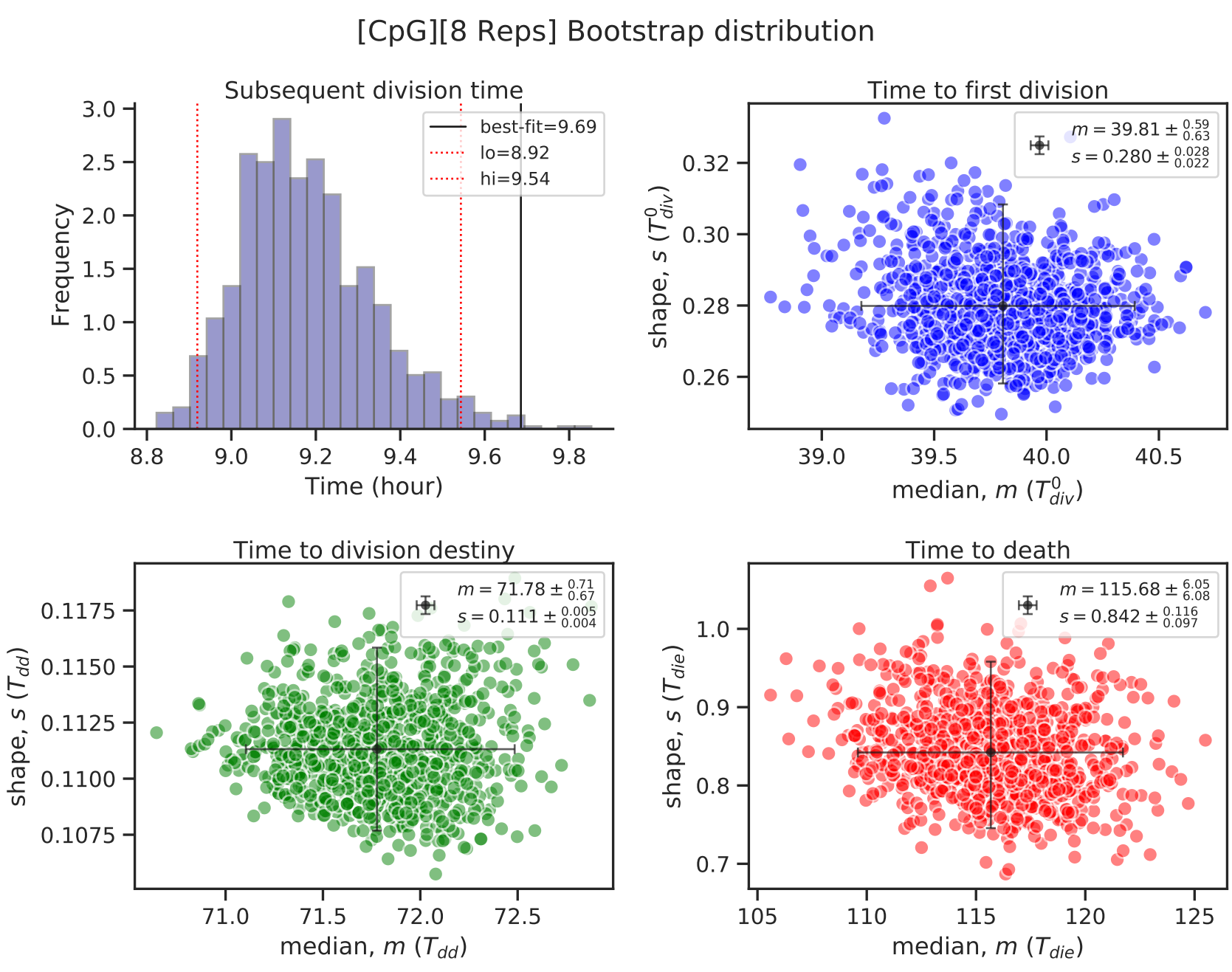


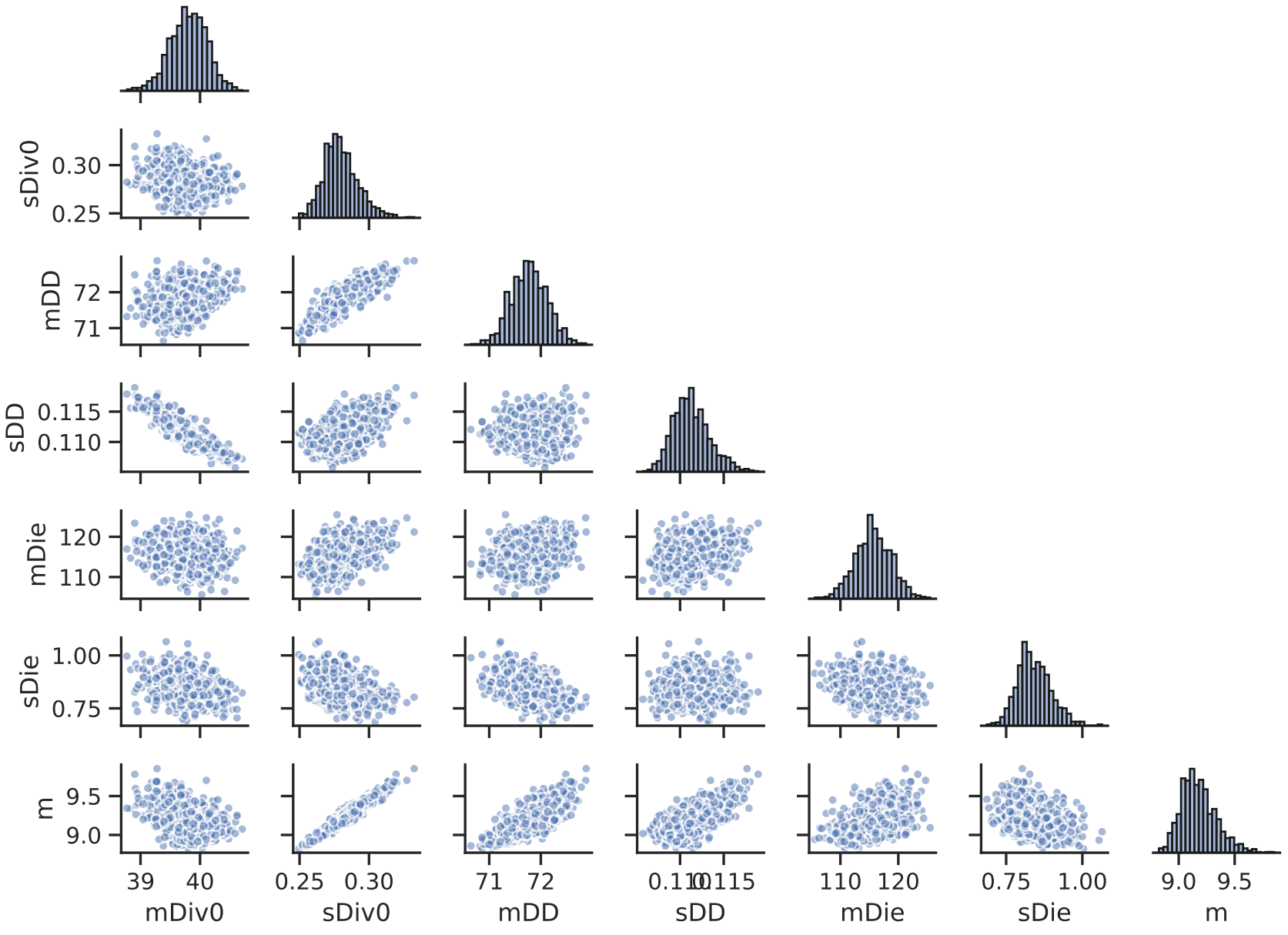





data
model
×10^4
0.0h
28.0h
47.0h
67.5h
75.5h
92.5h
98.5h
116.0h
144.5h
Cell number
Generations


[8 Reps] Bootstrap marginal distribution
T^0_{div}
μ=39.81
lo=39.18
hi=40.39
median (m)
T^0_{div}
μ=0.28
lo=0.26
hi=0.31
shape (s)
T_{dd}
μ=71.78
lo=71.10
hi=72.48
median (m)
T_{dd}
μ=0.11
lo=0.11
hi=0.12
shape (s)
T_{die}
μ=115.68
lo=109.60
hi=121.72
median (m)
T_{die}
μ=0.84
lo=0.75
hi=0.96
shape (s)
t_{div}
μ=9.18
lo=8.92
hi=9.54
Subsequent Division Time (hour)
p
μ=1.00
lo=1.00
hi=1.00
Prob.


[CpG][8 Reps] Bootstrap distribution
Subsequent division time
best-fit=9.69
lo=8.92
hi=9.54
Frequency
Time (hour)
Time to first division
$m = 39.81 \pm {}^{0.59}_{0.63}$
$s = 0.280 \pm {}^{0.028}_{0.022}$
shape, s (T^0_{div})
median, m (T^0_{div})
Time to division destiny
$m = 71.78 \pm {}^{0.71}_{0.67}$
$s = 0.111 \pm {}^{0.005}_{0.004}$
shape, s (T_{dd})
median, m (T_{dd})
Time to death
$m = 115.68 \pm {}^{6.05}_{6.08}$
$s = 0.842 \pm {}^{0.116}_{0.097}$
shape, s (T_{die})
median, m (T_{die})


[CpG][8 Reps] Parameter correlation
mDiv0
sDiv0
mDD
sDD
mDie
sDie
m
39
40
0.25
0.30
71
72
0.110
0.115
110
120
0.75
1.00
9.0
9.5