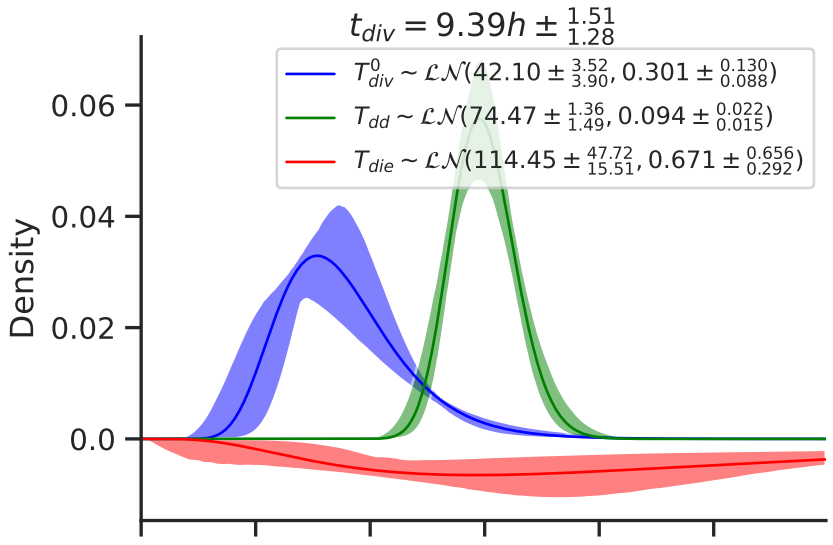
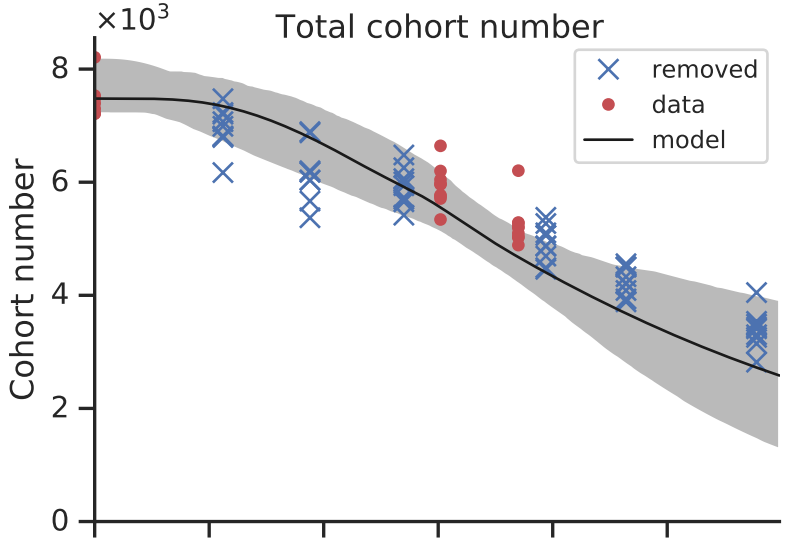
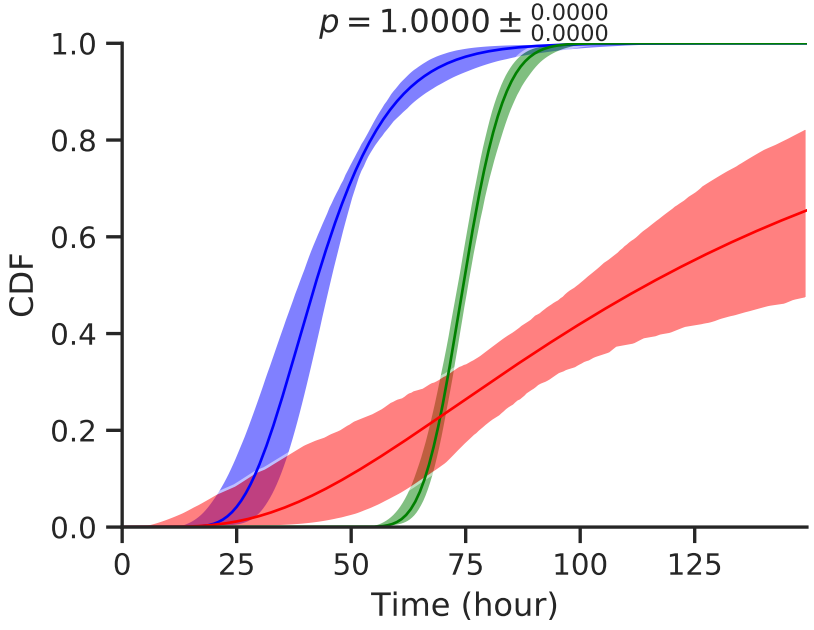
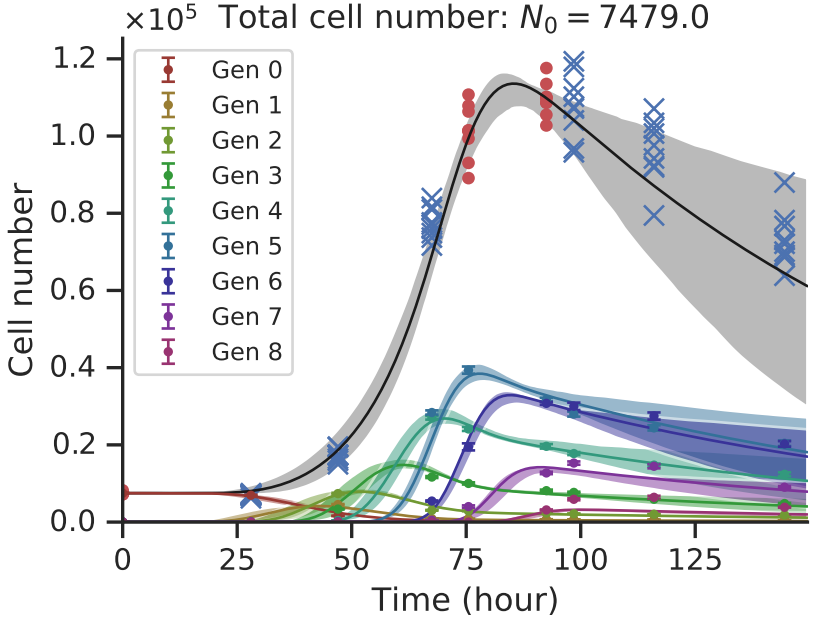
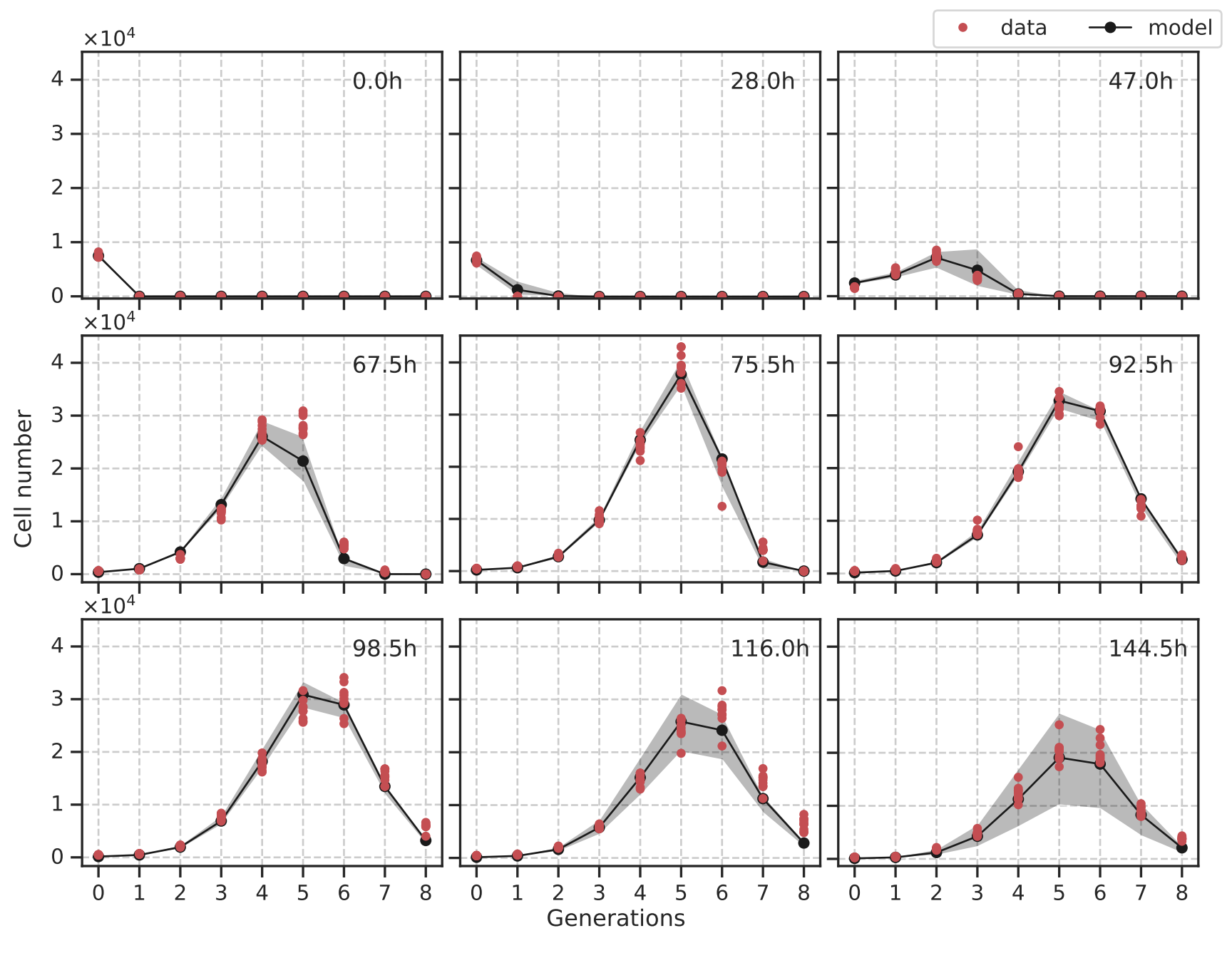
[SH1.119][CpG][1,2,3,6,7,8 tps] Cyton parameters, Total cohort and cell numbers

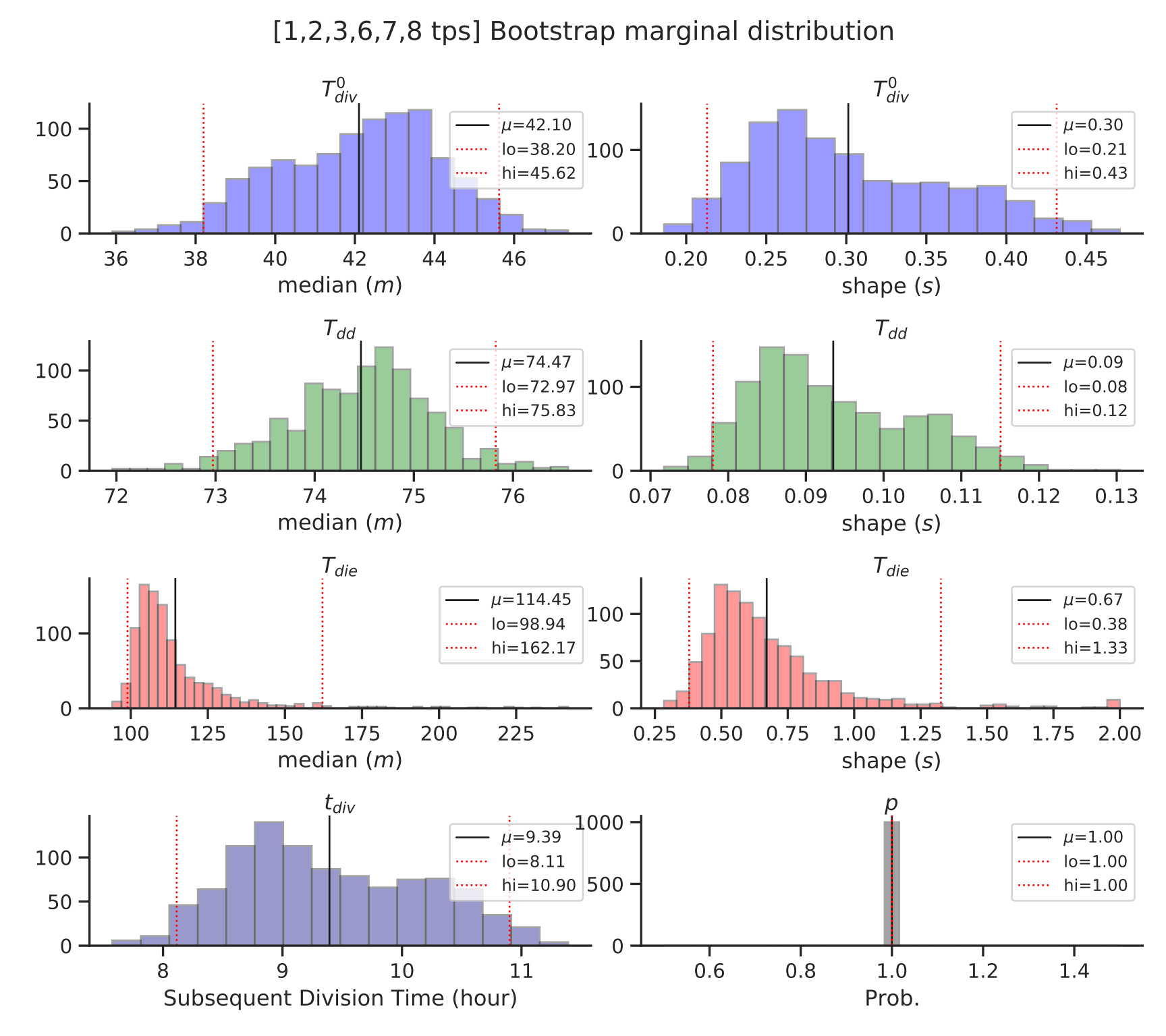


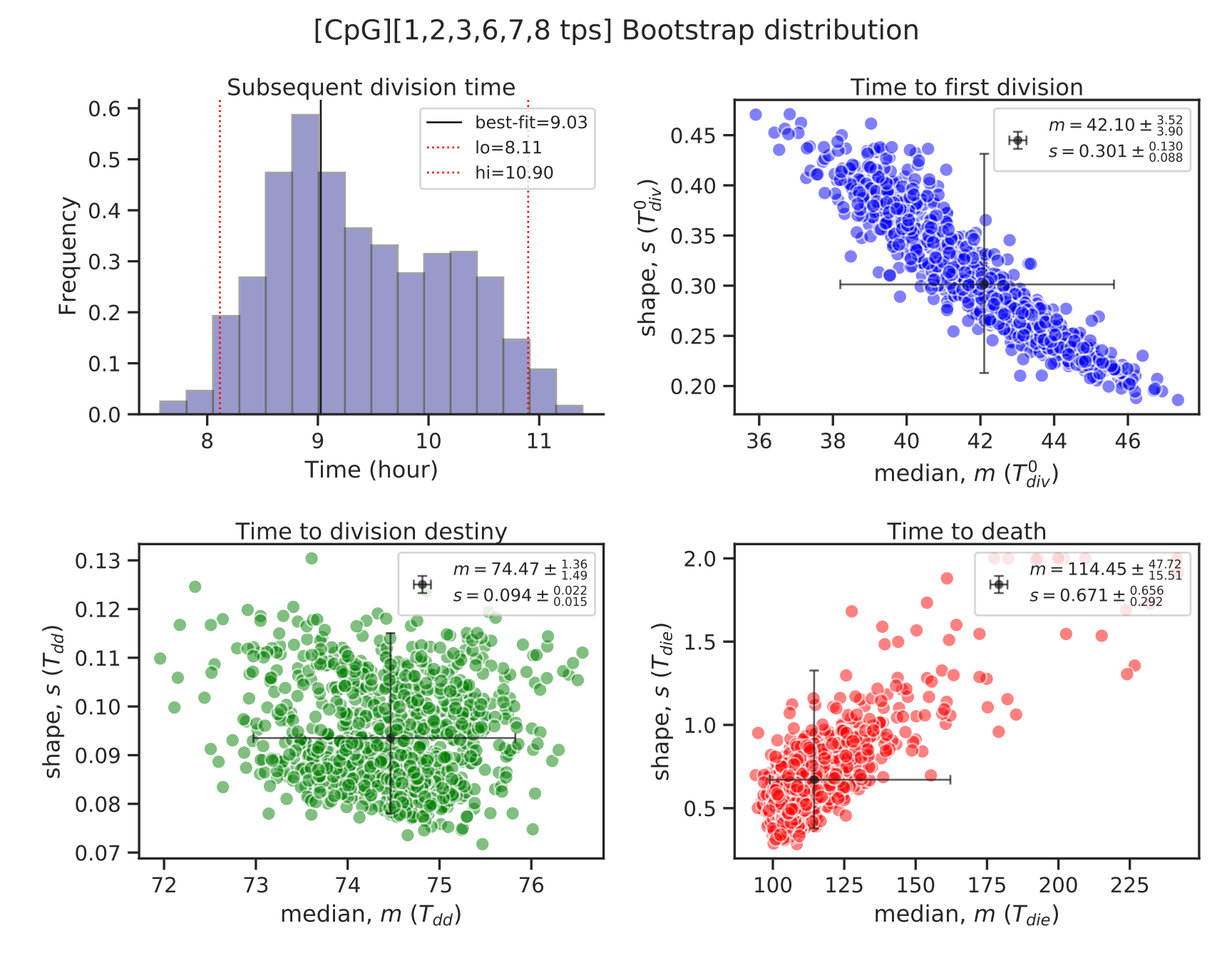


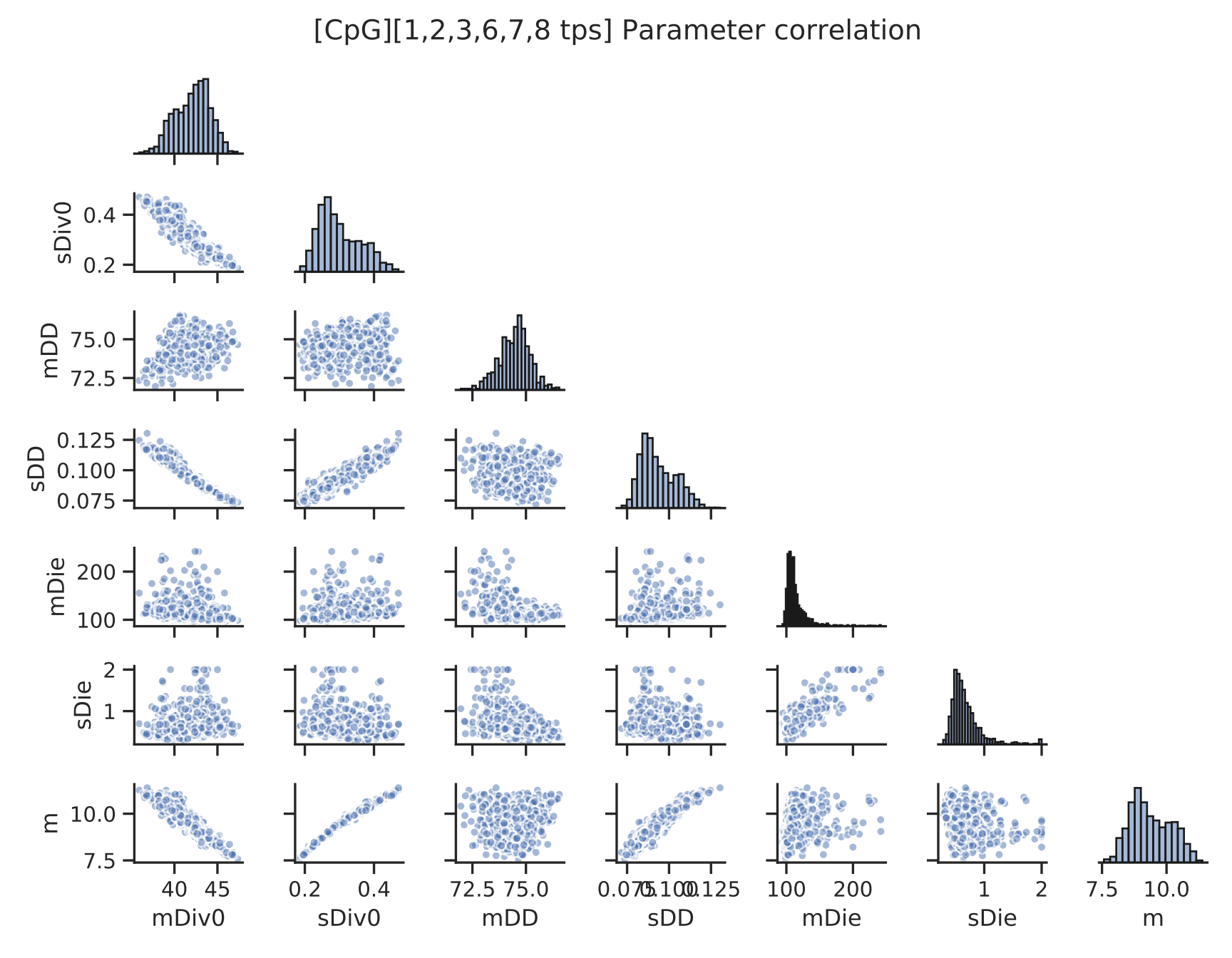





data
model
×10^4
0.0h
28.0h
47.0h
67.5h
75.5h
92.5h
98.5h
116.0h
144.5h
Cell number
Generations


[1,2,3,6,7,8 tps] Bootstrap marginal distribution
T^0_{div}
μ=42.10
lo=38.20
hi=45.62
median (m)
T^0_{div}
μ=0.30
lo=0.21
hi=0.43
shape (s)
T_{dd}
μ=74.47
lo=72.97
hi=75.83
median (m)
T_{dd}
μ=0.09
lo=0.08
hi=0.12
shape (s)
T_{die}
μ=114.45
lo=98.94
hi=162.17
median (m)
T_{die}
μ=0.67
lo=0.38
hi=1.33
shape (s)
t_{div}
μ=9.39
lo=8.11
hi=10.90
Subsequent Division Time (hour)
p
μ=1.00
lo=1.00
hi=1.00
Prob.


[CpG][1,2,3,6,7,8 tps] Bootstrap distribution
Subsequent division time
best-fit=9.03
lo=8.11
hi=10.90
Frequency
Time (hour)
Time to first division
$m = 42.10 \pm {}^{3.52}_{3.90}$
$s = 0.301 \pm {}^{0.130}_{0.088}$
shape, s (T^0_{div})
median, m (T^0_{div})
Time to division destiny
$m = 74.47 \pm {}^{1.36}_{1.49}$
$s = 0.094 \pm {}^{0.022}_{0.015}$
shape, s (T_{dd})
median, m (T_{dd})
Time to death
$m = 114.45 \pm {}^{47.72}_{15.51}$
$s = 0.671 \pm {}^{0.656}_{0.292}$
shape, s (T_{die})
median, m (T_{die})


[CpG][1,2,3,6,7,8 tps] Parameter correlation
mDiv0
sDiv0
mDD
sDD
mDie
sDie
m