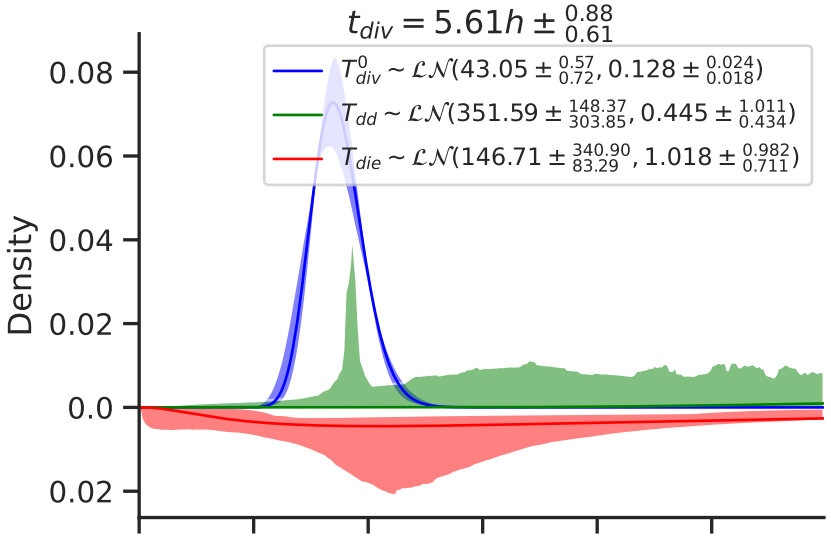
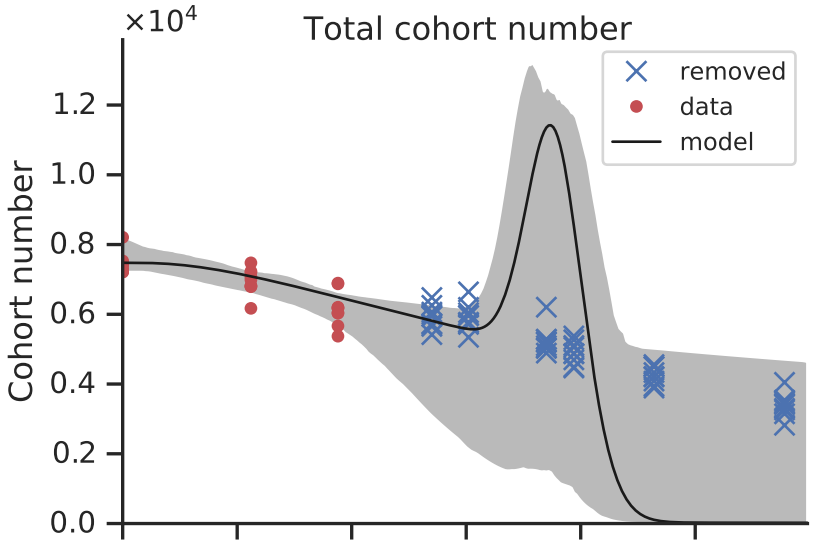
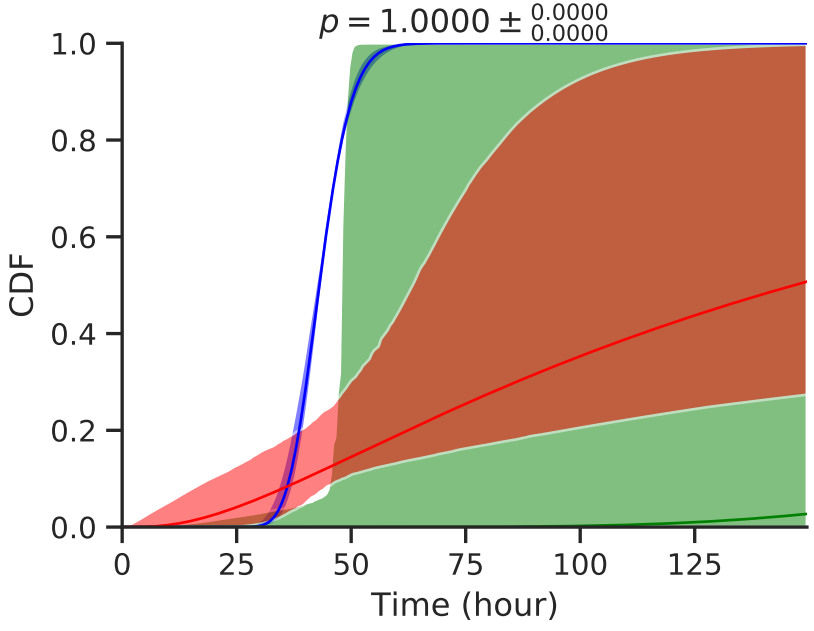
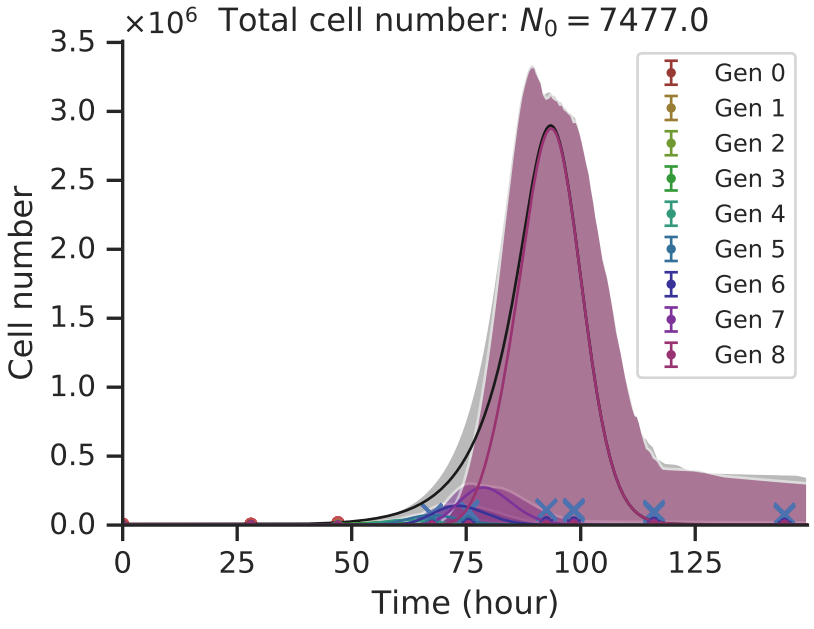
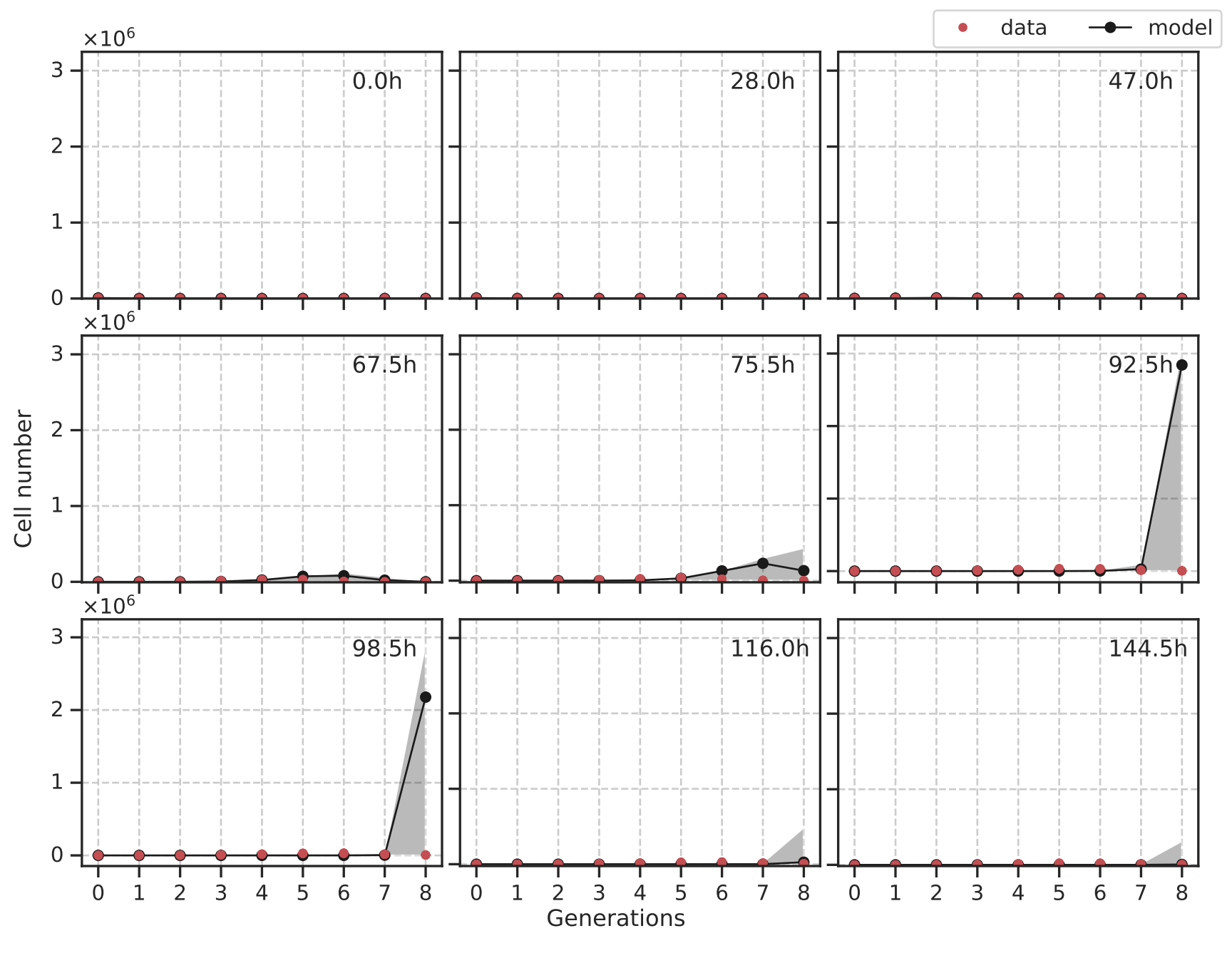
[SH1.119][CpG][3,4,5,6,7,8 tps] Cyton parameters, Total cohort and cell numbers

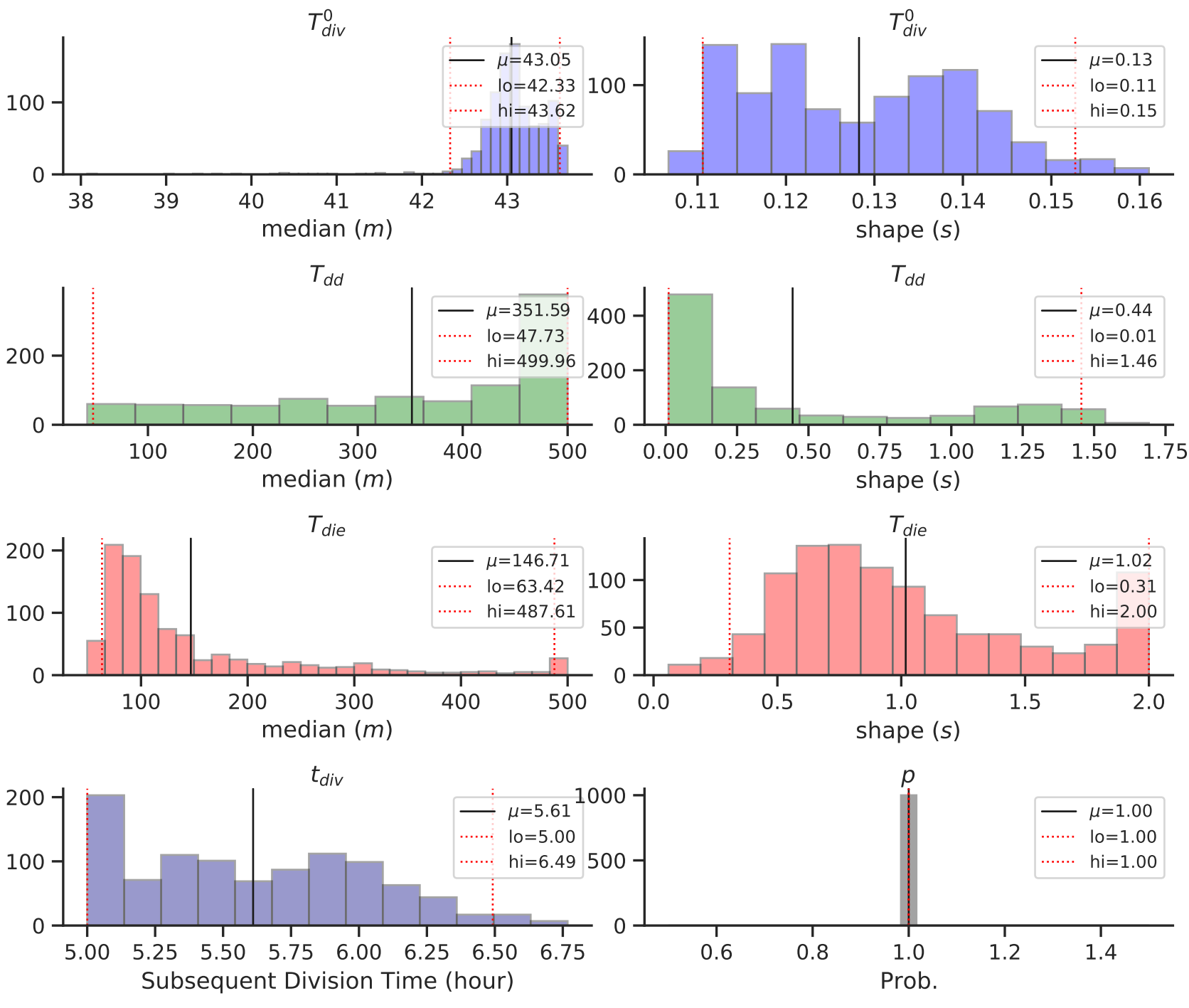


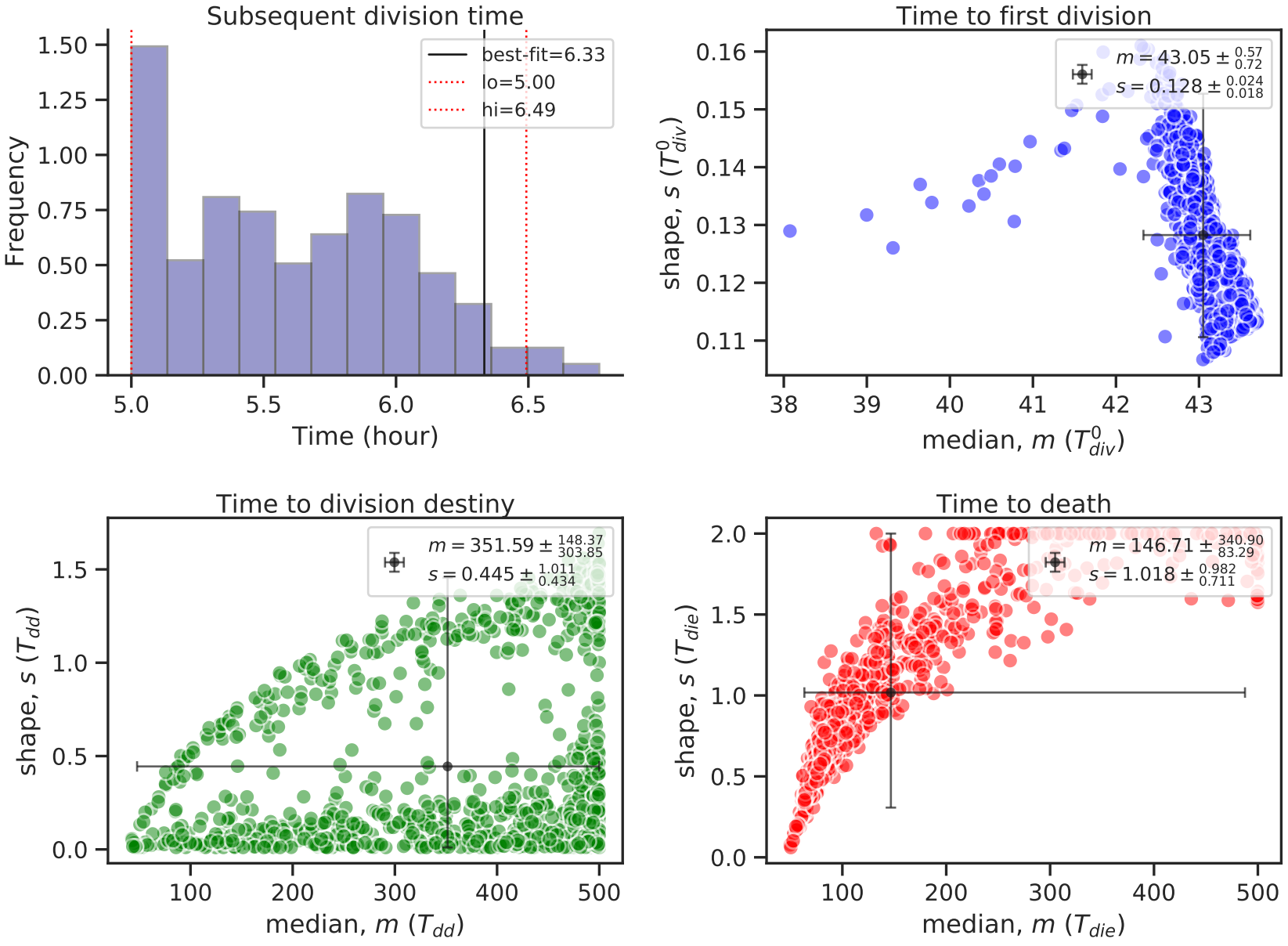


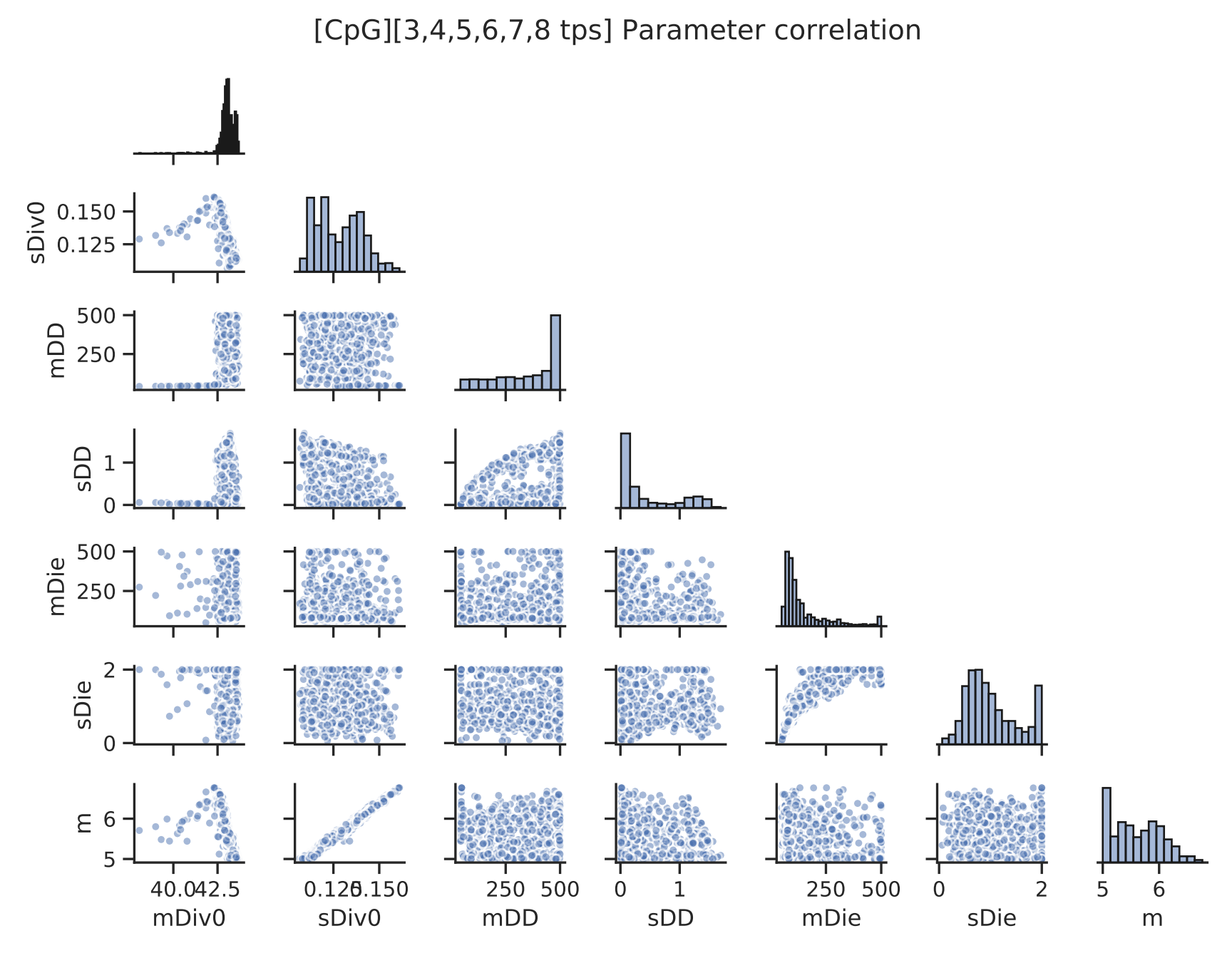





data
model
0.0h
28.0h
47.0h
67.5h
75.5h
92.5h
98.5h
116.0h
144.5h
×10^6
Cell number
Generations


[3,4,5,6,7,8 tps] Bootstrap marginal distribution
T^0_{div}
μ=43.05
lo=42.33
hi=43.62
median (m)
T^0_{div}
μ=0.13
lo=0.11
hi=0.15
shape (s)
T_{dd}
μ=351.59
lo=47.73
hi=499.96
median (m)
T_{dd}
μ=0.44
lo=0.01
hi=1.46
shape (s)
T_{die}
μ=146.71
lo=63.42
hi=487.61
median (m)
T_{die}
μ=1.02
lo=0.31
hi=2.00
shape (s)
t_{div}
μ=5.61
lo=5.00
hi=6.49
Subsequent Division Time (hour)
p
μ=1.00
lo=1.00
hi=1.00
Prob.


[CpG][3,4,5,6,7,8 tps] Bootstrap distribution
Subsequent division time
best-fit=6.33
lo=5.00
hi=6.49
Frequency
Time (hour)
Time to first division
$m = 43.05 \pm {}^{0.57}_{0.72}$
$s = 0.128 \pm {}^{0.024}_{0.018}$
shape, s (T^0_{div})
median, m (T^0_{div})
Time to division destiny
$m = 351.59 \pm {}^{148.37}_{303.85}$
$s = 0.445 \pm {}^{1.011}_{0.434}$
shape, s (T_{dd})
median, m (T_{dd})
Time to death
$m = 146.71 \pm {}^{340.90}_{83.29}$
$s = 1.018 \pm {}^{0.982}_{0.711}$
shape, s (T_{die})
median, m (T_{die})


[CpG][3,4,5,6,7,8 tps] Parameter correlation
mDiv0
sDiv0
mDD
sDD
mDie
sDie
m
40.0
42.5
0.125
0.150
250
500
0
1
2
5
6