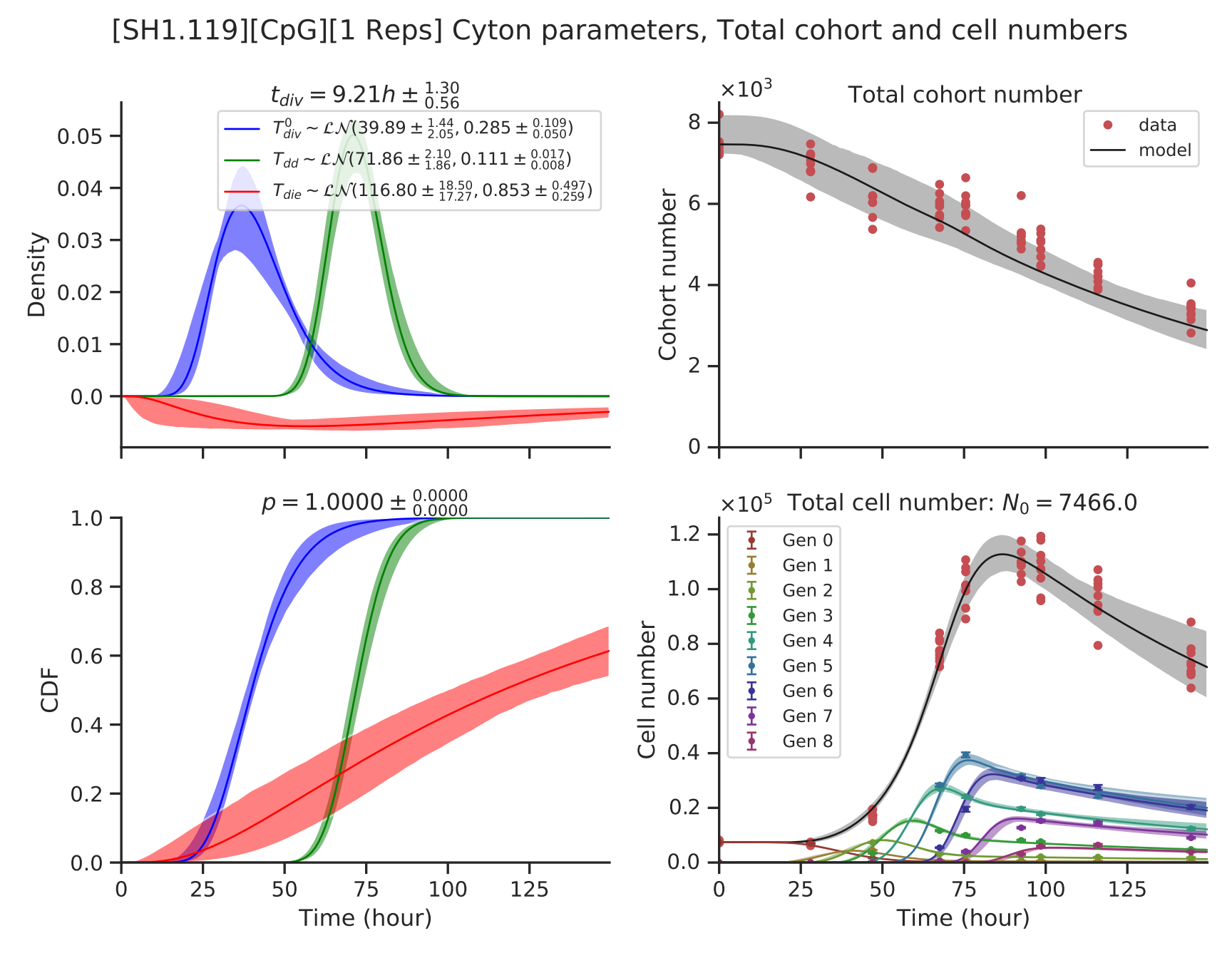
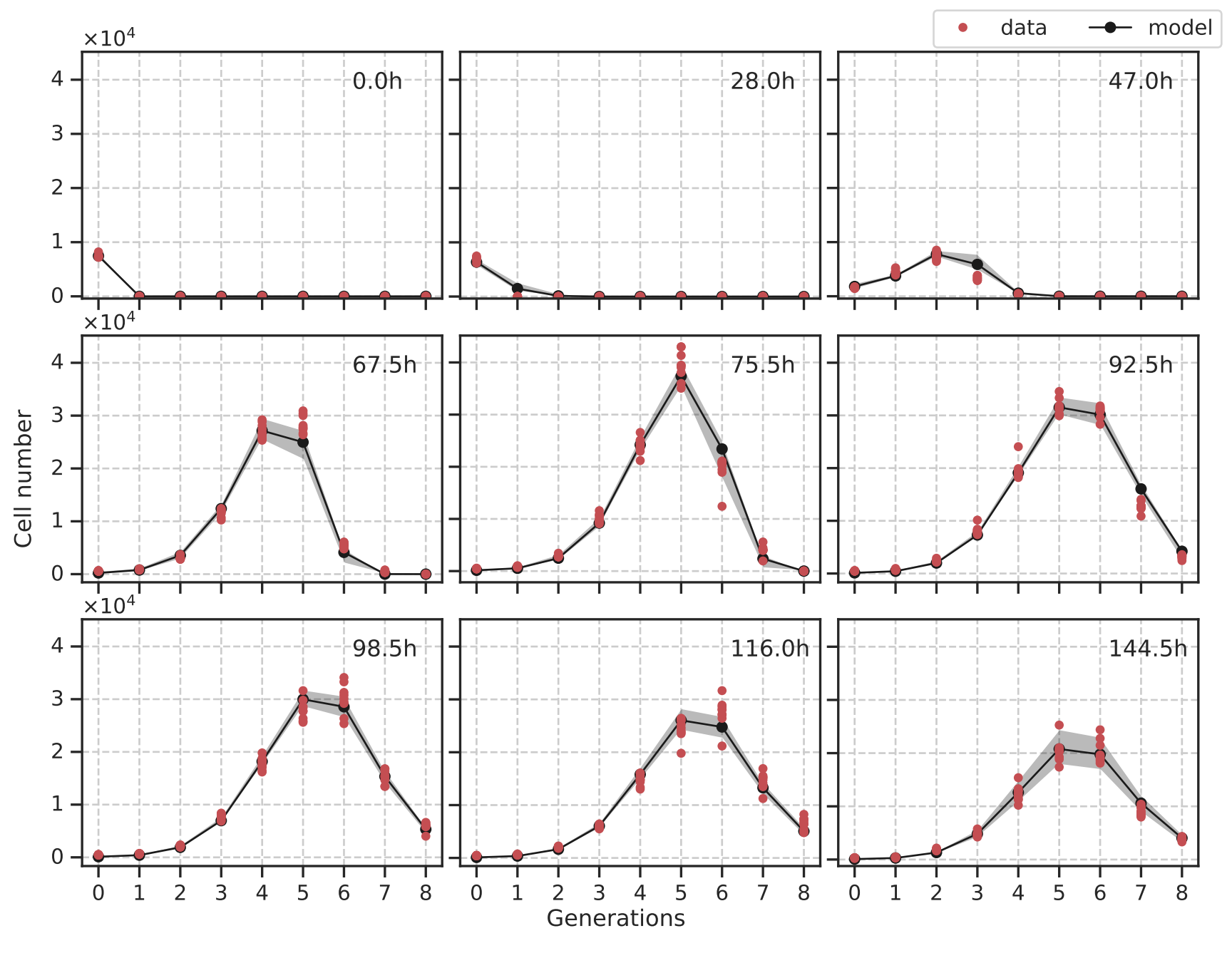
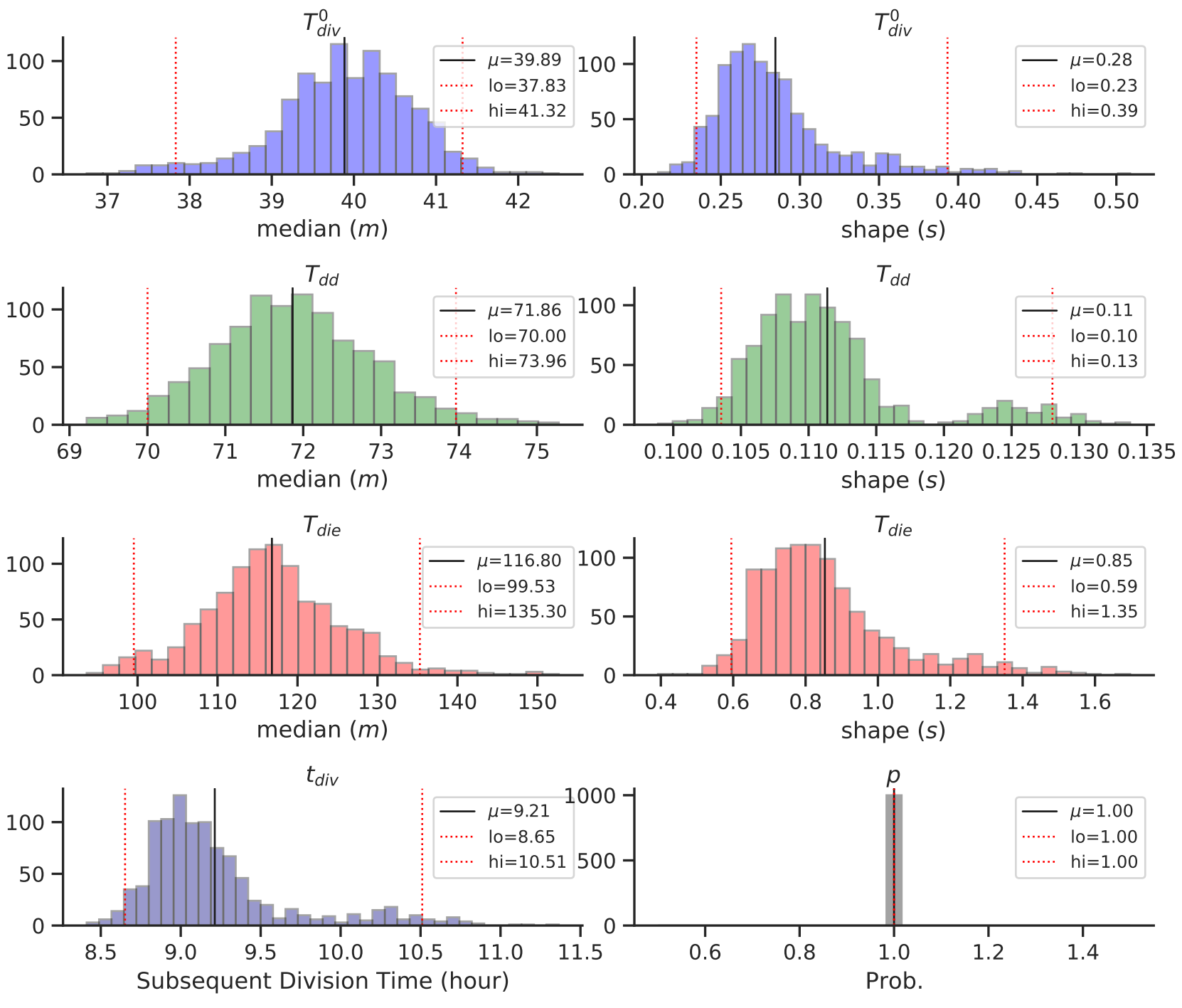
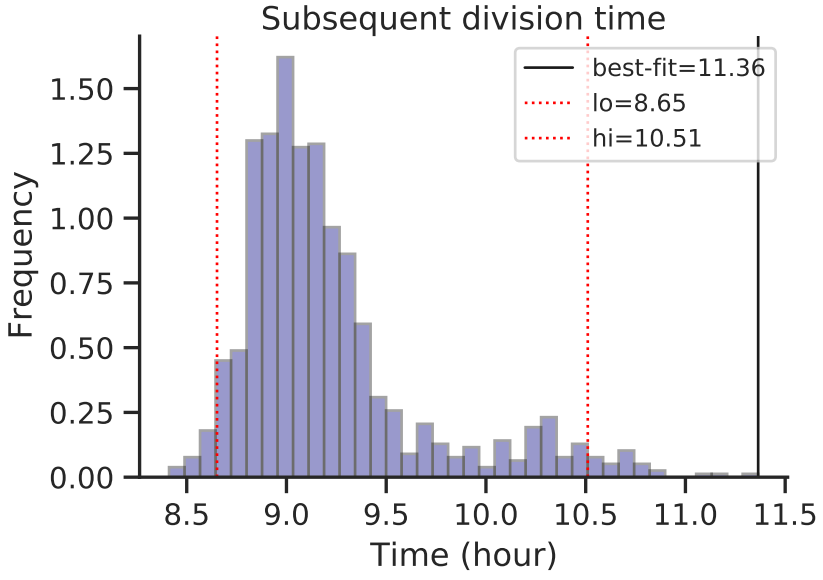
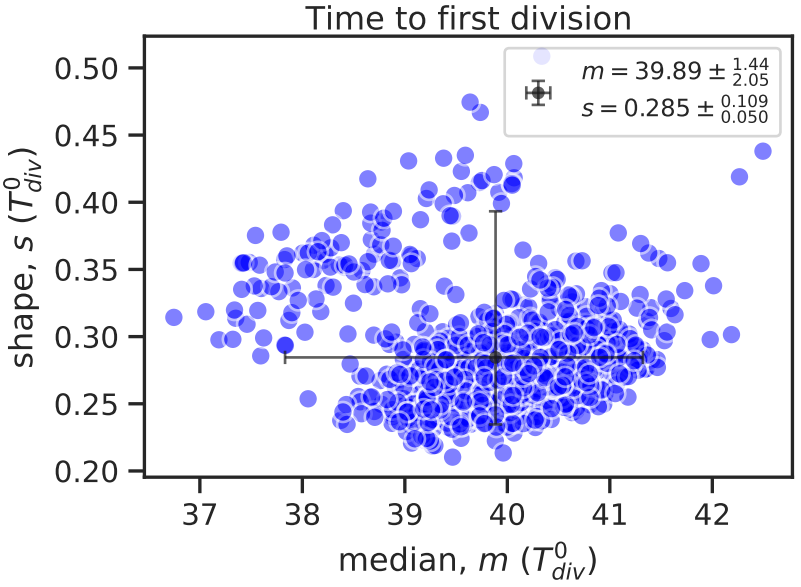

[SH1.119][CpG][1 Reps] Cyton parameters, Total cohort and cell numbers
$t_{div} = 9.21h \pm \frac{1.30}{0.56}$
$T^0_{div} \sim \mathcal{LN}(39.89 \pm \frac{1.44}{2.05}, 0.285 \pm \frac{0.109}{0.050})$
$T_{dd} \sim \mathcal{LN}(71.86 \pm \frac{2.10}{1.86}, 0.111 \pm \frac{0.017}{0.008})$
$T_{die} \sim \mathcal{LN}(116.80 \pm \frac{18.50}{17.27}, 0.853 \pm \frac{0.497}{0.259})$
Density
$\times 10^3$
Total cohort number
data
model
Cohort number
$p = 1.0000 \pm \frac{0.0000}{0.0000}$
CDF
Time (hour)
$\times 10^5$ Total cell number: $N_0 = 7466.0$
Gen 0
Gen 1
Gen 2
Gen 3
Gen 4
Gen 5
Gen 6
Gen 7
Gen 8
Cell number
Time (hour)

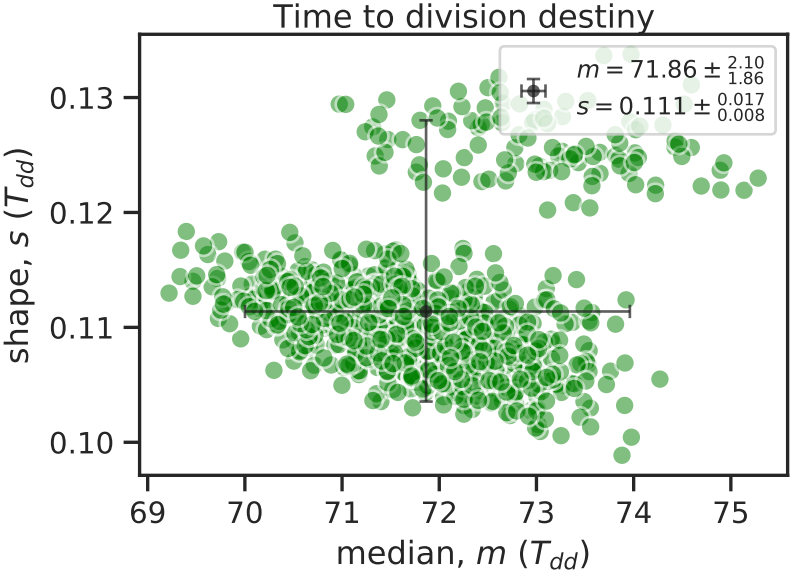

data
model
0.0h
28.0h
47.0h
67.5h
75.5h
92.5h
98.5h
116.0h
144.5h
×10^4
Cell number
Generations

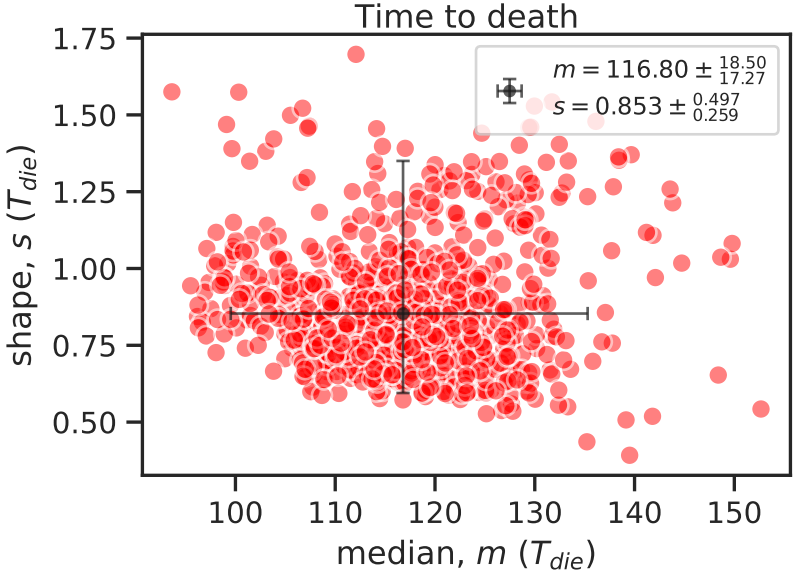

[1 Reps] Bootstrap marginal distribution
T^0_{div}
μ=39.89
lo=37.83
hi=41.32
median (m)
T^0_{div}
μ=0.28
lo=0.23
hi=0.39
shape (s)
T_{dd}
μ=71.86
lo=70.00
hi=73.96
median (m)
T_{dd}
μ=0.11
lo=0.10
hi=0.13
shape (s)
T_{die}
μ=116.80
lo=99.53
hi=135.30
median (m)
T_{die}
μ=0.85
lo=0.59
hi=1.35
shape (s)
t_{div}
μ=9.21
lo=8.65
hi=10.51
Subsequent Division Time (hour)
p
μ=1.00
lo=1.00
hi=1.00
Prob.

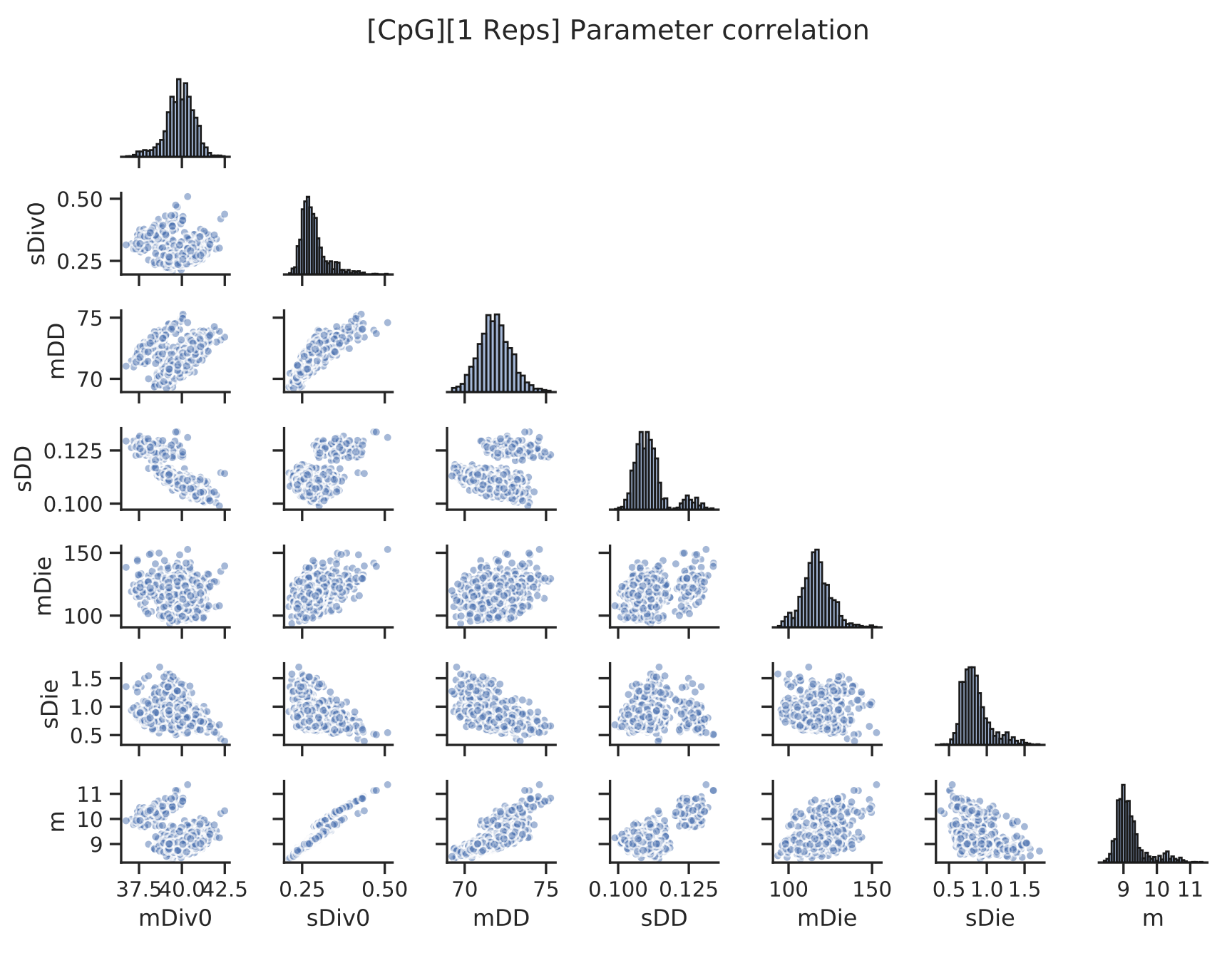
[CpG][1 Reps] Bootstrap distribution










[CpG][1 Reps] Parameter correlation
mDiv0
sDiv0
mDD
sDD
mDie
sDie
m
37.5 40.0 42.5
0.25 0.50
70 75
0.100 0.125
100 150
0.5 1.0 1.5
9 10 11