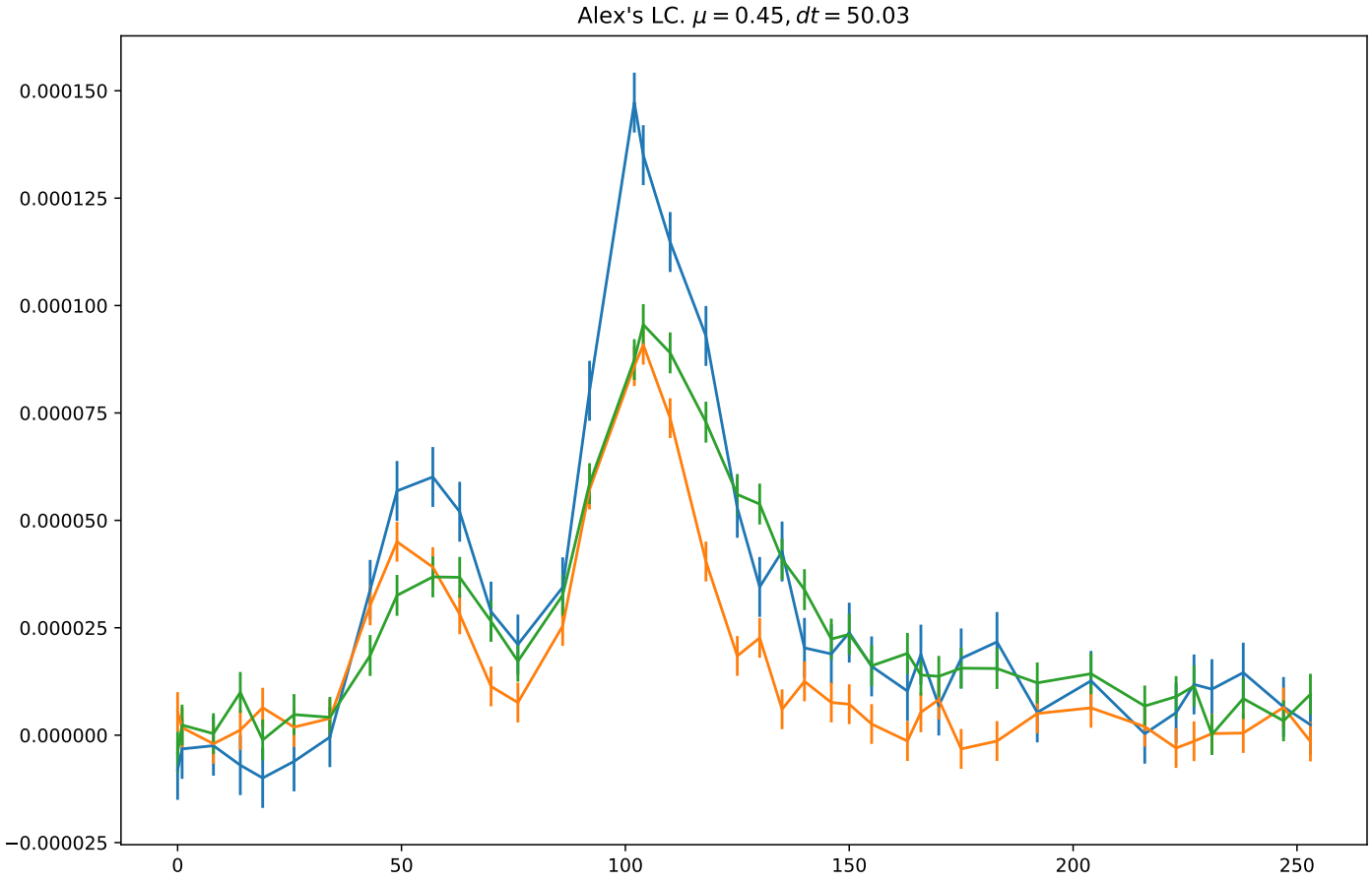
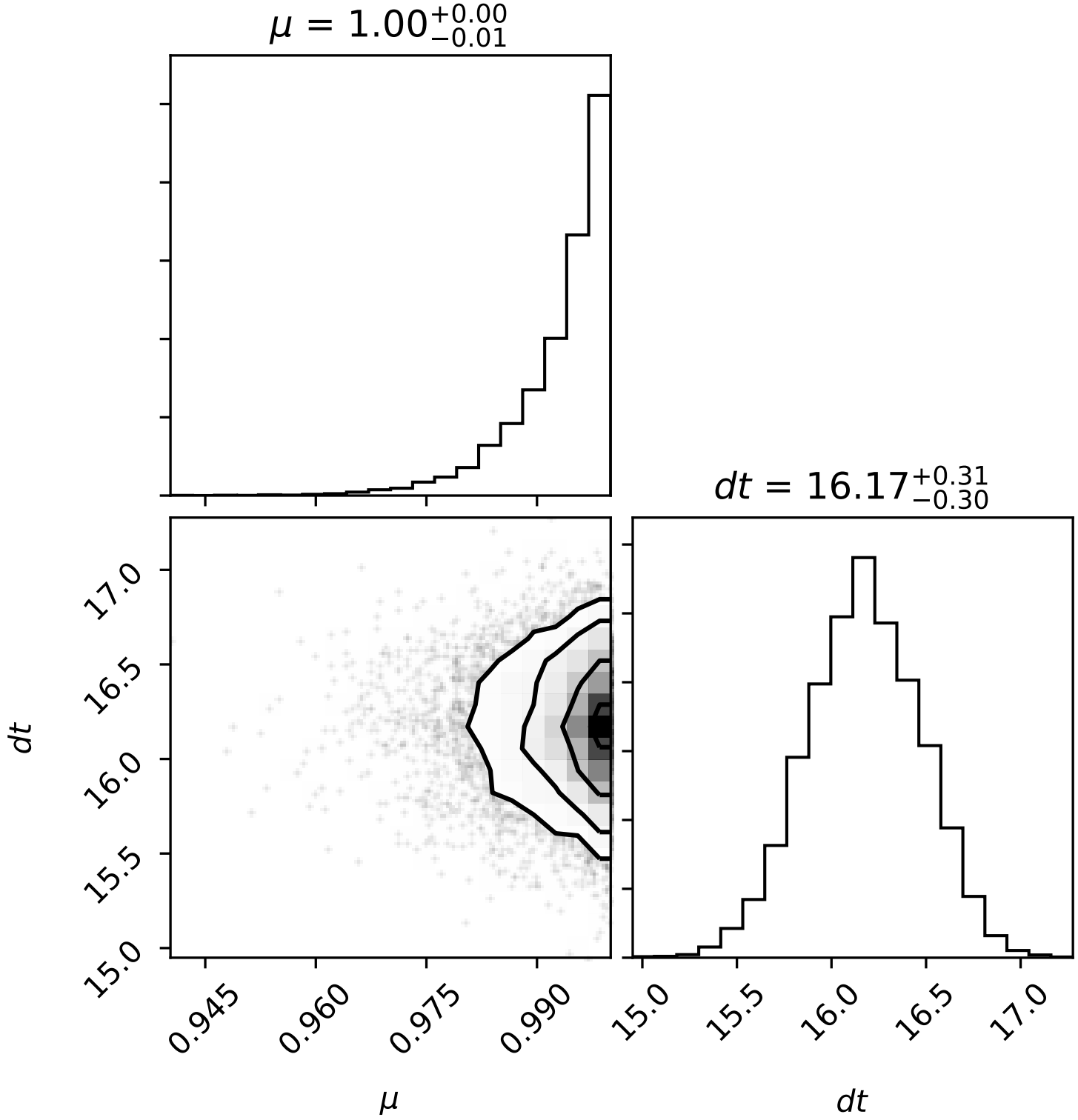
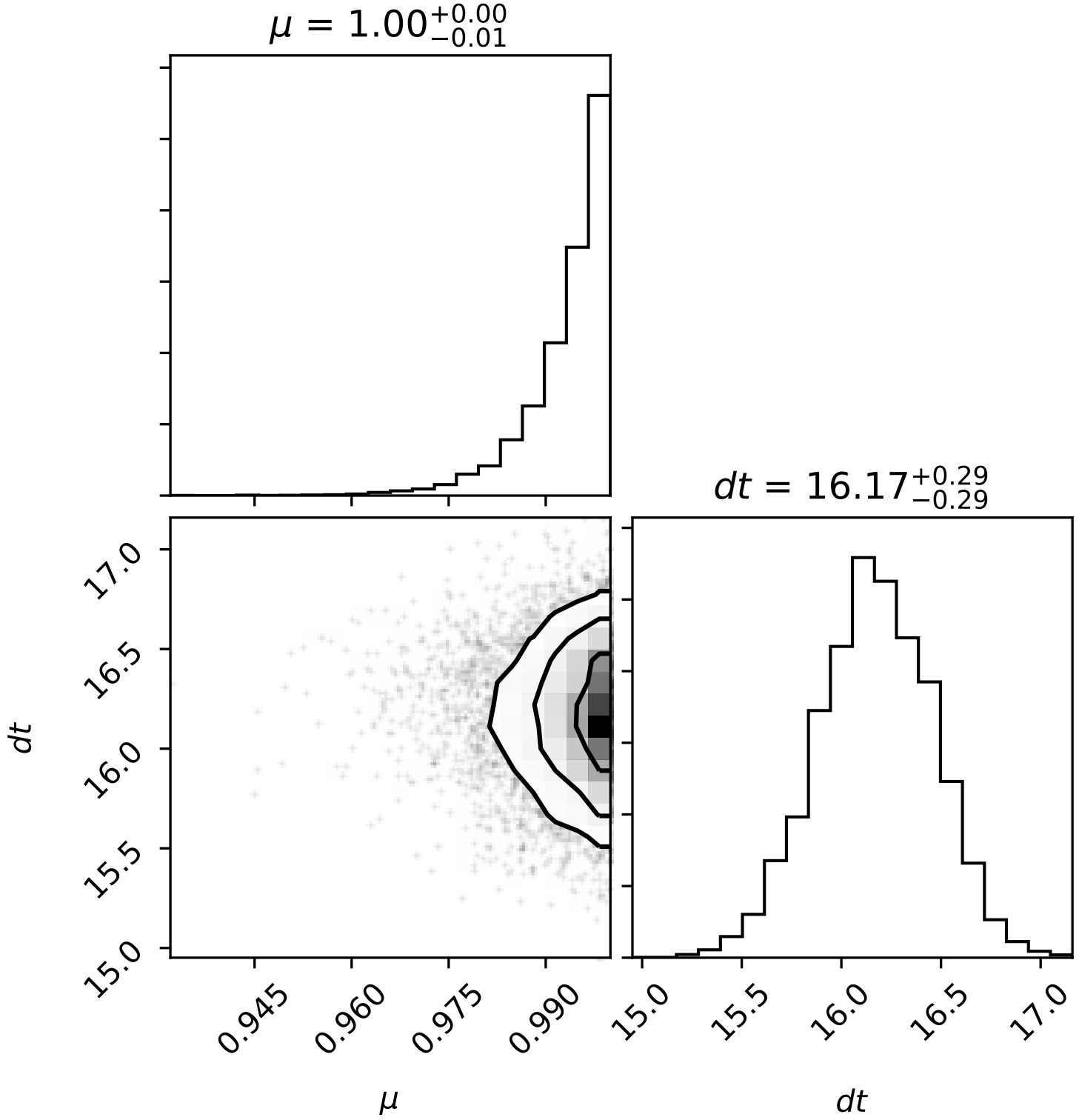
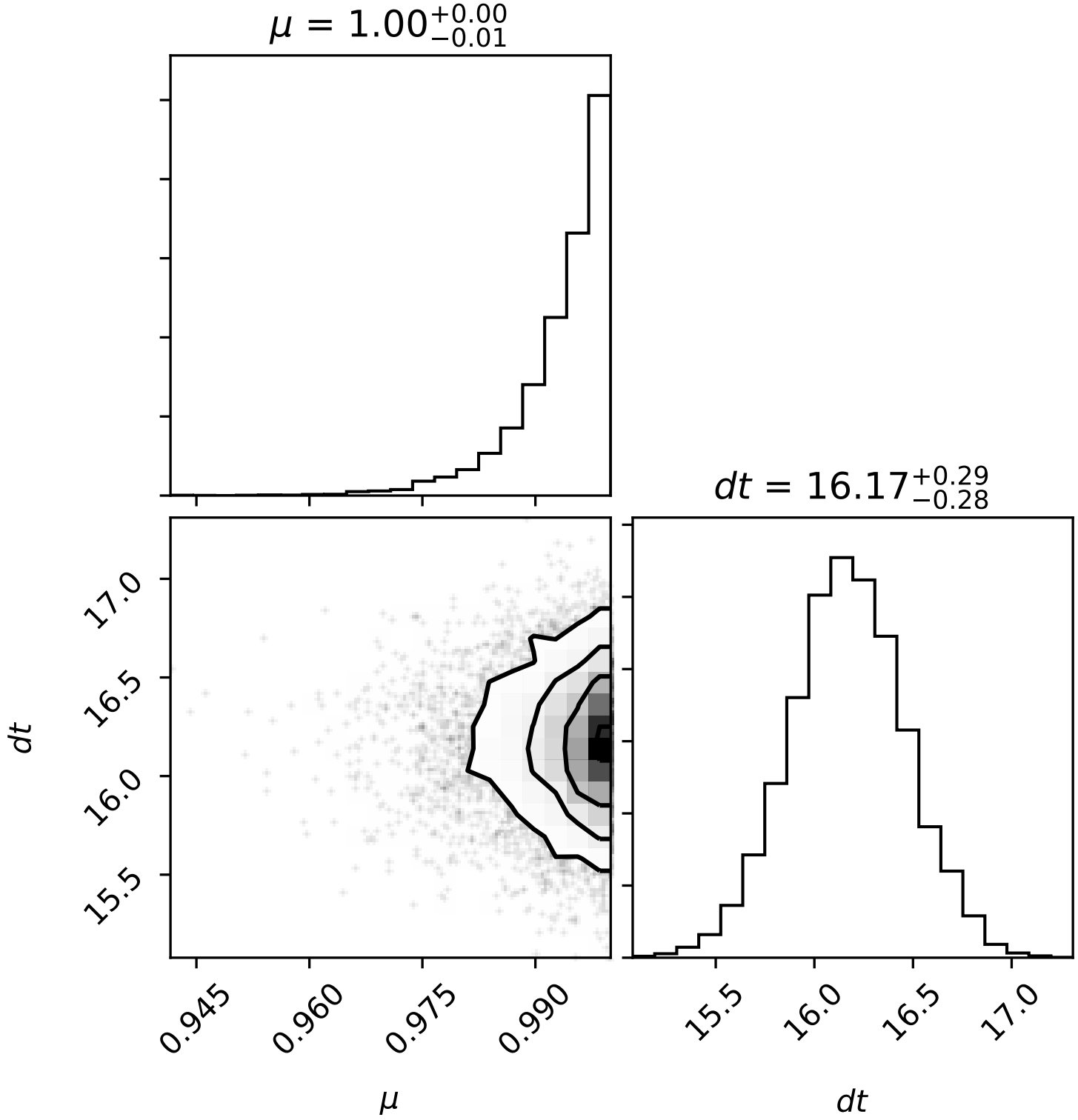
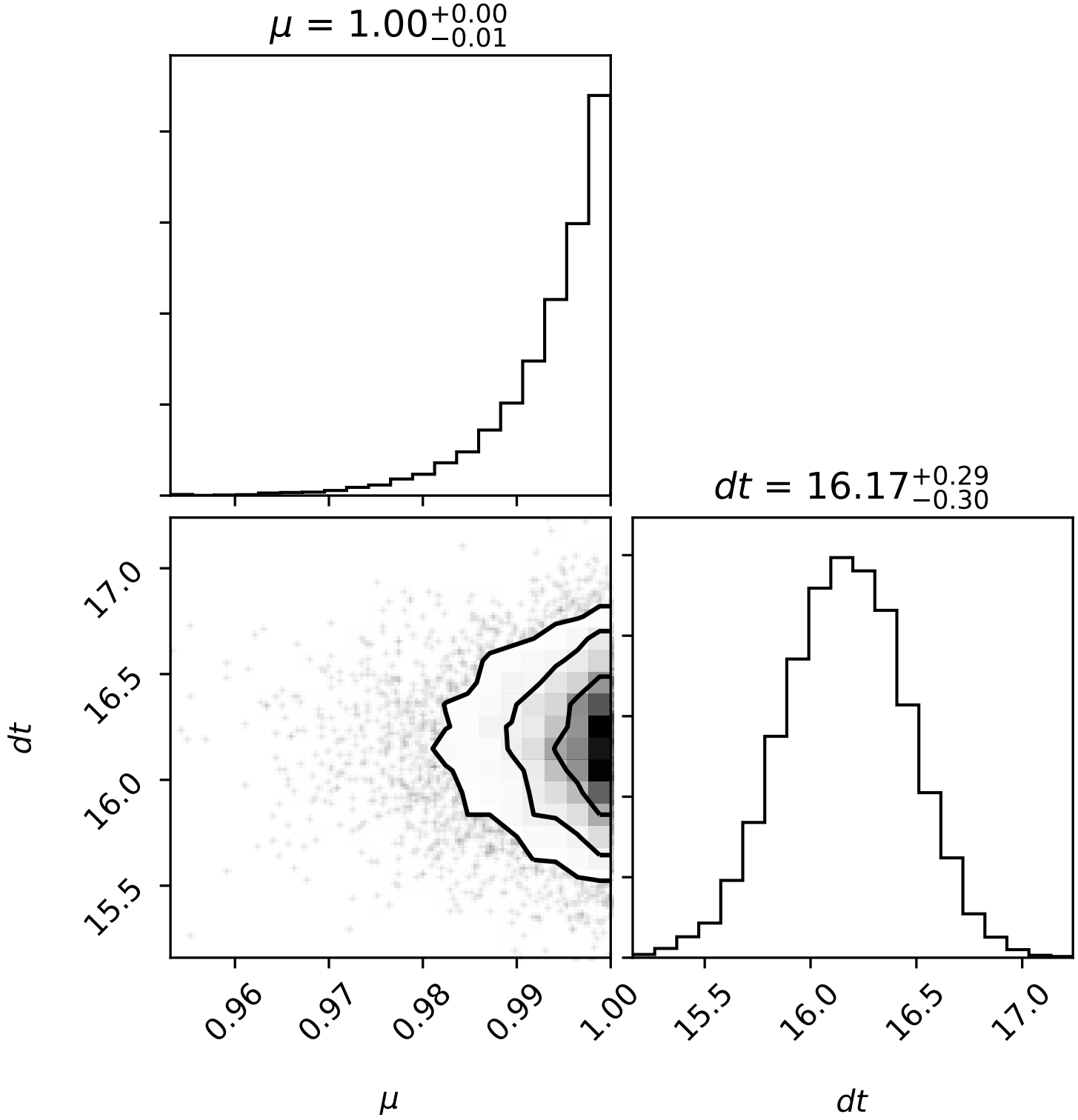

Alex's LC. $\mu = 0.45, dt = 50.03$
0.000150
0.000125
0.000100
0.000075
0.000050
0.000025
0.000000
−0.000025
0
50
100
150
200
250

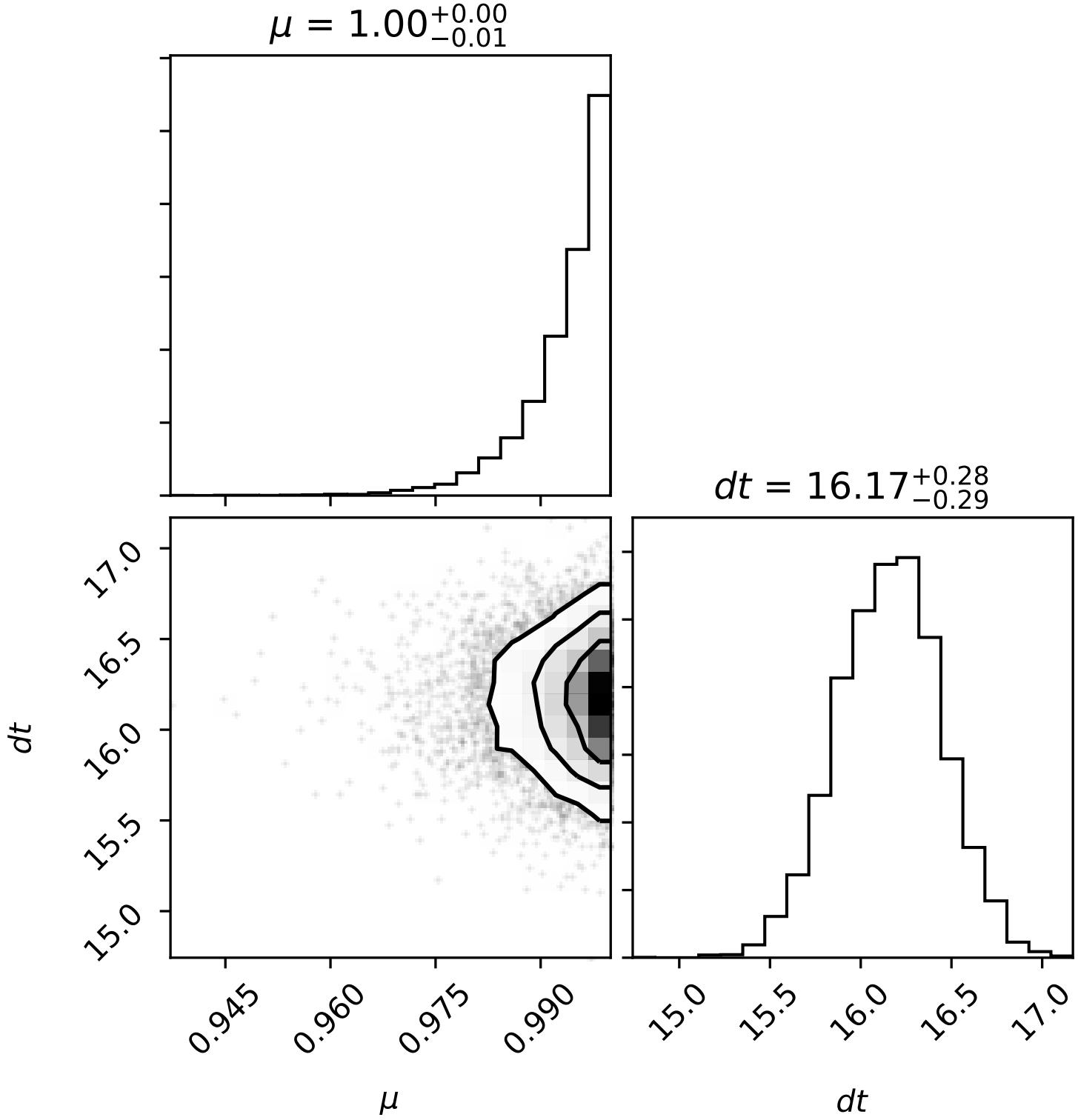
nspace	mu_expec	dt_expec	mu_pos	dt_pos	chi_r	chi_g	chi_i
0.2	0.4477611940298508	50.0321	0.9931225167151703	16.17234403634777	134.93192331155416	203.21243075607188	77.18644950907496
0.8	0.4477611940298508	50.0321	0.9932224352252789	16.170249660490242	134.8968552588157	203.84797774127048	76.76843095834083
0.9	0.4477611940298508	50.0321	0.9934148224115346	16.170020778541613	134.87329796542576	203.87883477071165	76.73730252494204
1.0	0.4477611940298508	50.0321	0.9935221665836312	16.164965256415663	134.8577642026284	204.01249524267627	76.77189988865484
3.0	0.4477611940298508	50.0321	0.9935109235421589	16.16125025805405	134.86338754952195	204.91109176552266	77.386785477115
10.0	0.4477611940298508	50.0321	0.9939234358954733	16.139271023650306	134.89304958276108	206.320492527454	79.24815918097539
20.0	0.4477611940298508	50.0321	0.9938837989834024	16.133188626589973	134.99996391073188	207.43986624261646	81.24070062825386
30.0	0.4477611940298508	50.0321	0.9940062608940446	16.125999657599912	135.04595968104826	208.16941007095147	83.27123905239446
60.0	0.4477611940298508	50.0321	0.9942050358634802	16.107806467907285	135.19645023786754	209.79779105025727	89.0383261603086

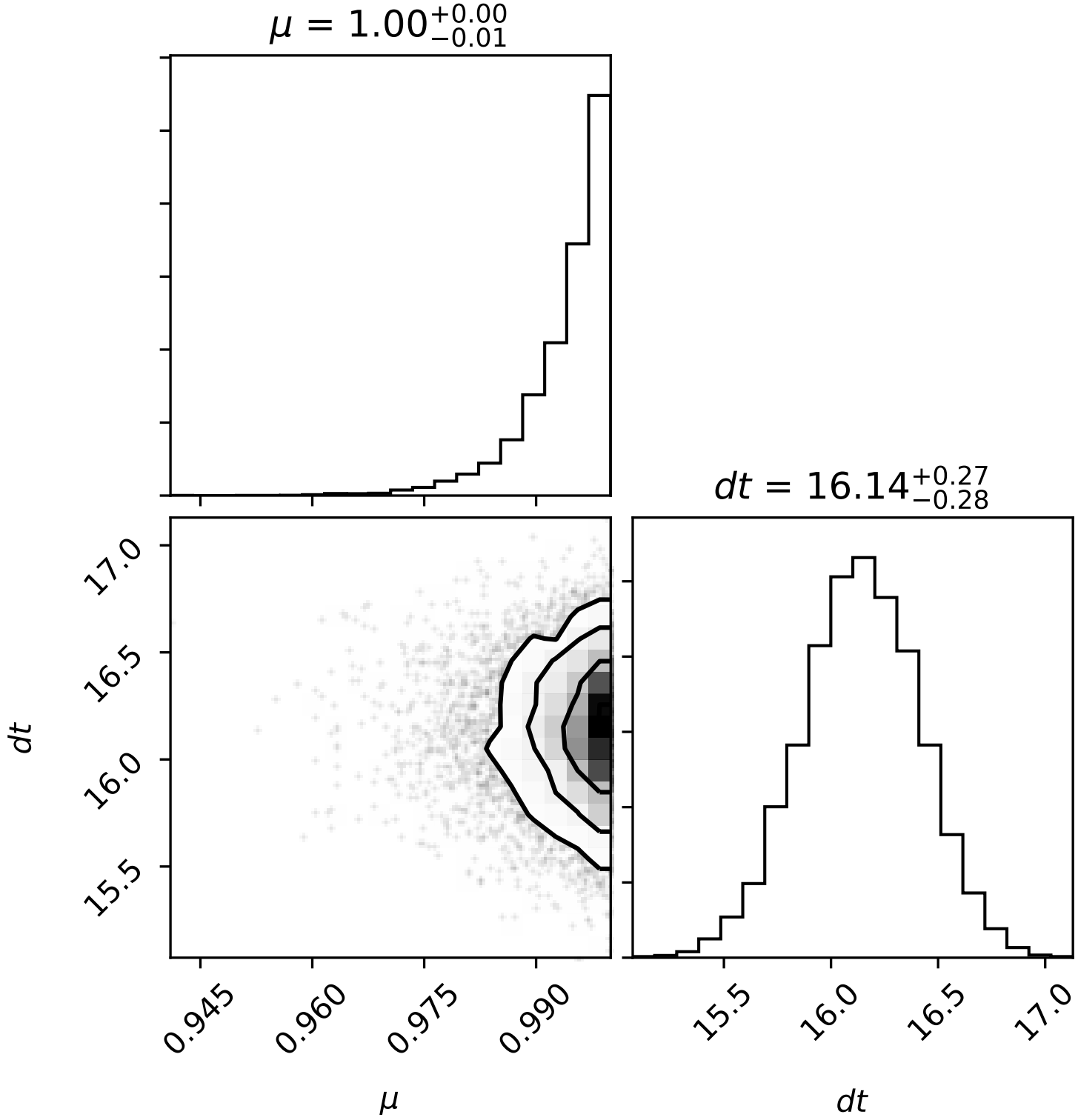

$\mu = 1.00^{+0.00}_{-0.01}$
$dt = 16.17^{+0.31}_{-0.30}$
17.0
16.5
16.0
15.5
15.0
dt
0.945
0.960
0.975
0.990
μ
15.0
15.5
16.0
16.5
17.0
dt

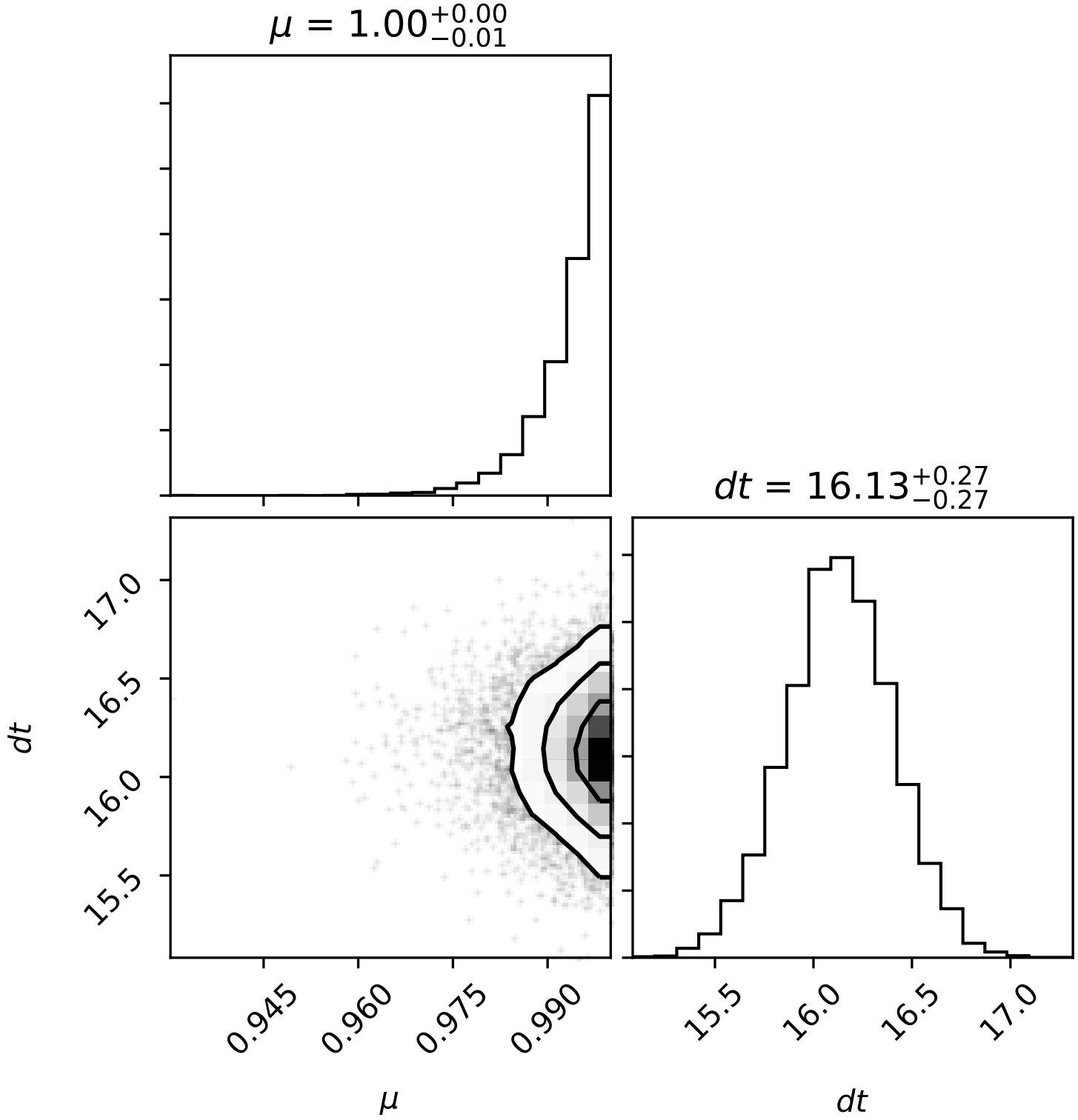

$\mu = 1.00^{+0.00}_{-0.01}$
$dt = 16.17^{+0.29}_{-0.29}$
dt
17.0
16.5
16.0
15.5
15.0
0.945
0.960
0.975
0.990
μ
15.0
15.5
16.0
16.5
17.0
dt

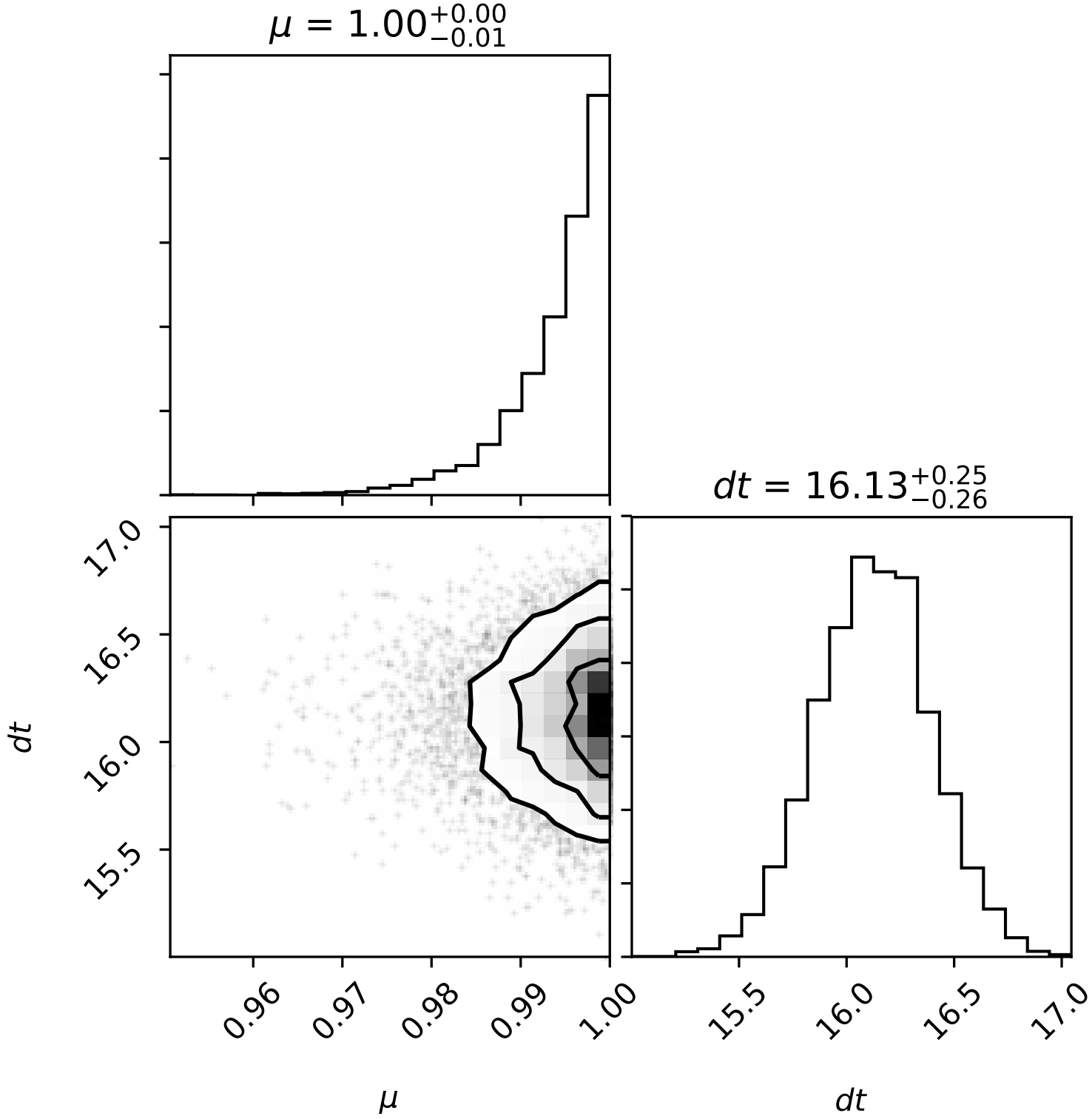

$\mu = 1.00^{+0.00}_{-0.01}$
$dt = 16.17^{+0.29}_{-0.28}$
17.0
16.5
16.0
15.5
dt
0.945
0.960
0.975
0.990
μ
15.5
16.0
16.5
17.0
dt

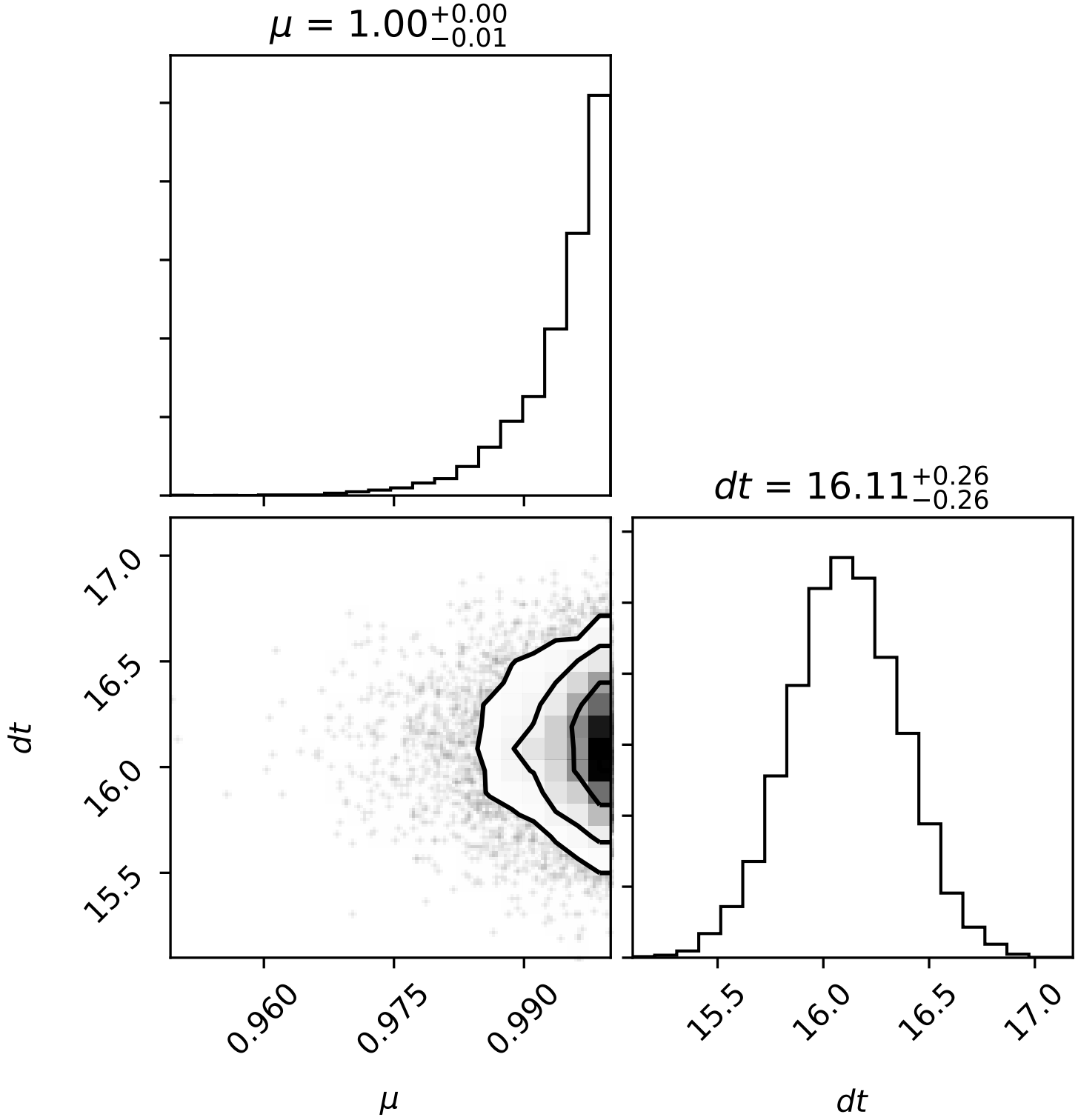

$\mu = 1.00^{+0.00}_{-0.01}$
$dt = 16.17^{+0.29}_{-0.30}$
17.0
16.5
16.0
15.5
dt
0.96
0.97
0.98
0.99
1.00
μ
15.5
16.0
16.5
17.0
dt

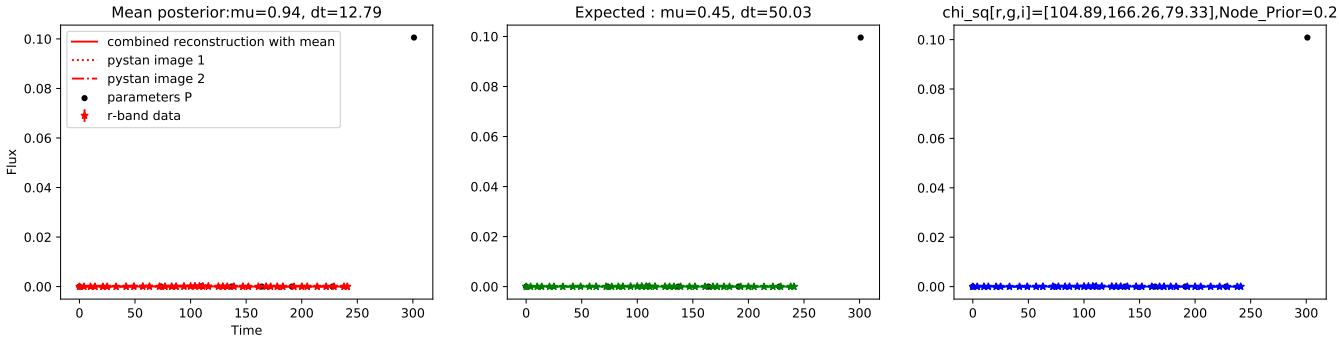

$\mu = 1.00^{+0.00}_{-0.01}$
$dt = 16.17^{+0.28}_{-0.29}$
17.0
16.5
16.0
15.5
15.0
dt
0.945
0.960
0.975
0.990
μ
15.0
15.5
16.0
16.5
17.0
dt

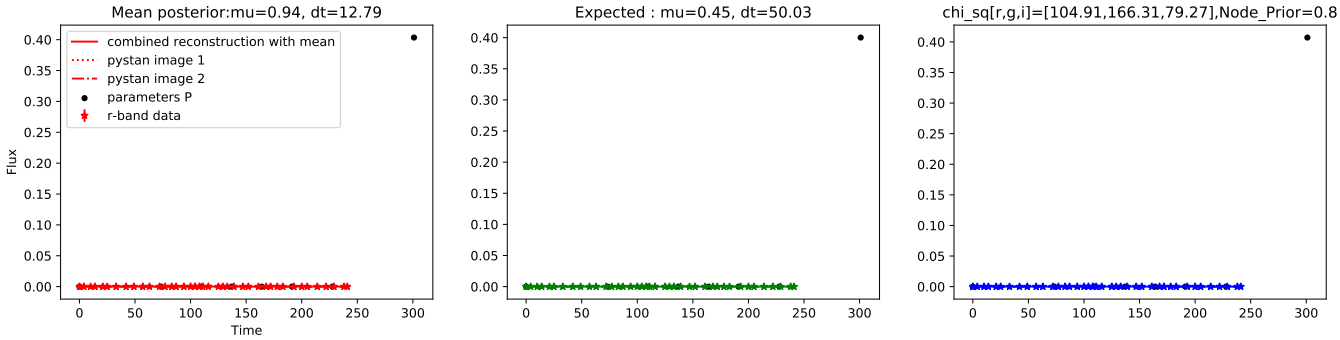

$\mu = 1.00^{+0.00}_{-0.01}$
$dt = 16.14^{+0.27}_{-0.28}$
17.0
16.5
16.0
15.5
dt
0.945
0.960
0.975
0.990
μ
15.5
16.0
16.5
17.0
dt

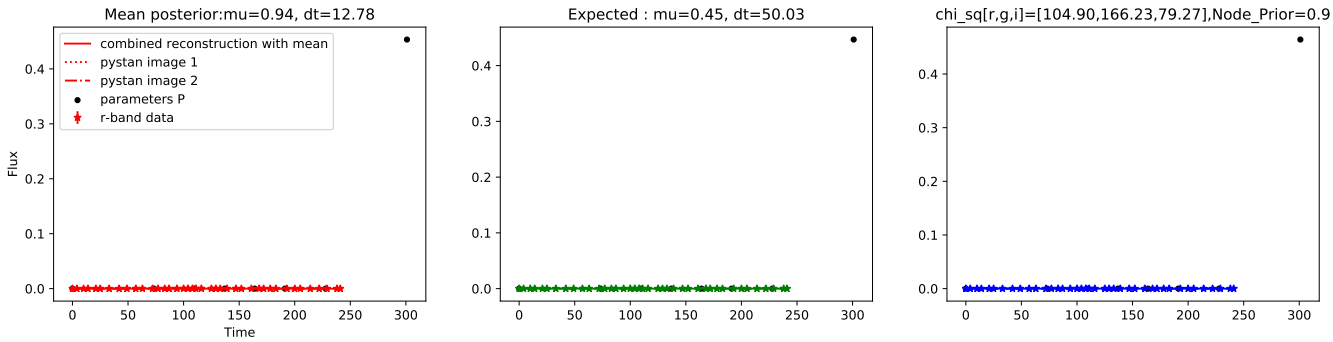

$\mu = 1.00^{+0.00}_{-0.01}$
$dt = 16.13^{+0.27}_{-0.27}$
17.0
16.5
16.0
15.5
dt
0.945
0.960
0.975
0.990
μ
15.5
16.0
16.5
17.0
dt

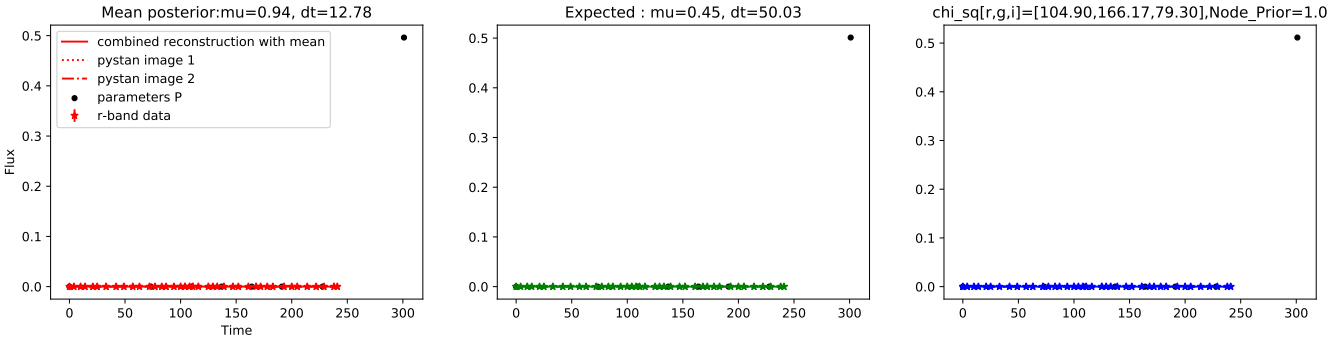

$\mu = 1.00^{+0.00}_{-0.01}$
$dt = 16.13^{+0.25}_{-0.26}$
17.0
16.5
16.0
15.5
dt
0.96
0.97
0.98
0.99
1.00
μ
15.5
16.0
16.5
17.0
dt

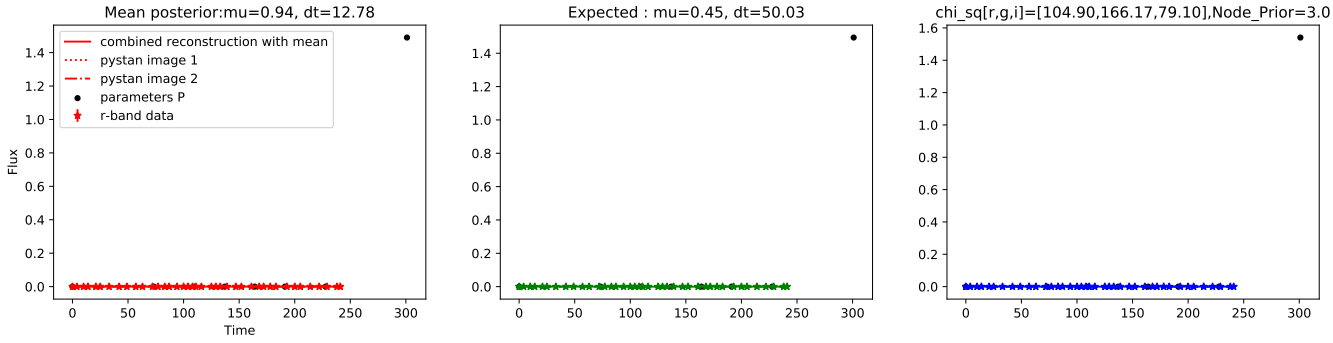

$\mu = 1.00^{+0.00}_{-0.01}$
$dt = 16.11^{+0.26}_{-0.26}$
17.0
16.5
16.0
15.5
dt
0.960
0.975
0.990
μ
15.5
16.0
16.5
17.0
dt

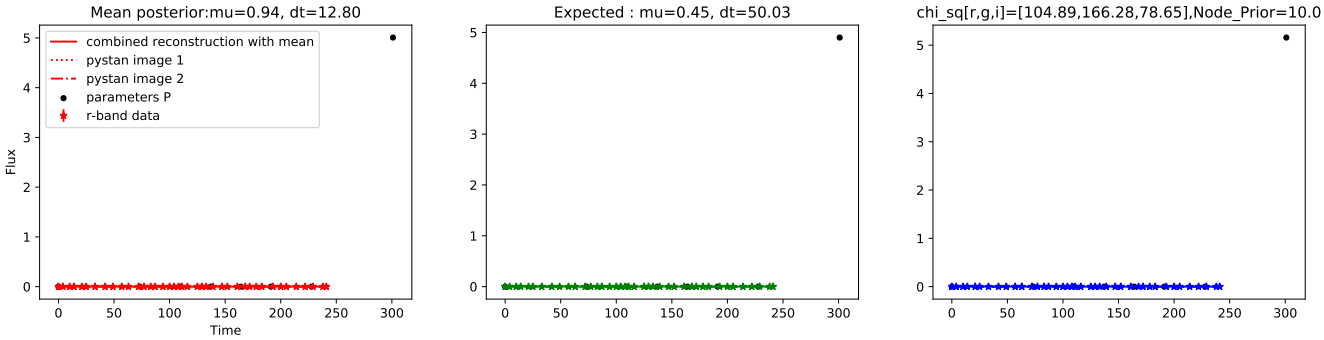

Mean posterior:mu=0.94, dt=12.79
Expected : mu=0.45, dt=50.03
chi_sq[r,g,i]=[104.89,166.26,79.33],Node_Prior=0.2
combined reconstruction with mean
pystan image 1
pystan image 2
parameters P
r-band data
Flux
Time
0.10
0.08
0.06
0.04
0.02
0.00
0
50
100
150
200
250
300

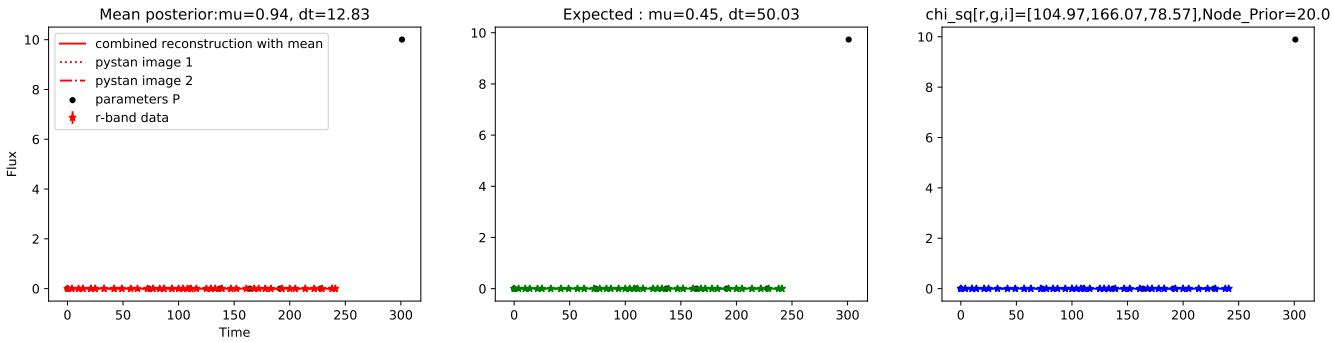

Mean posterior:mu=0.94, dt=12.79
Expected : mu=0.45, dt=50.03
chi_sq[r,g,i]=[104.91,166.31,79.27],Node_Prior=0.8
combined reconstruction with mean
pystan image 1
pystan image 2
parameters P
r-band data
Flux
Time
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35
0.40
0
50
100
150
200
250
300

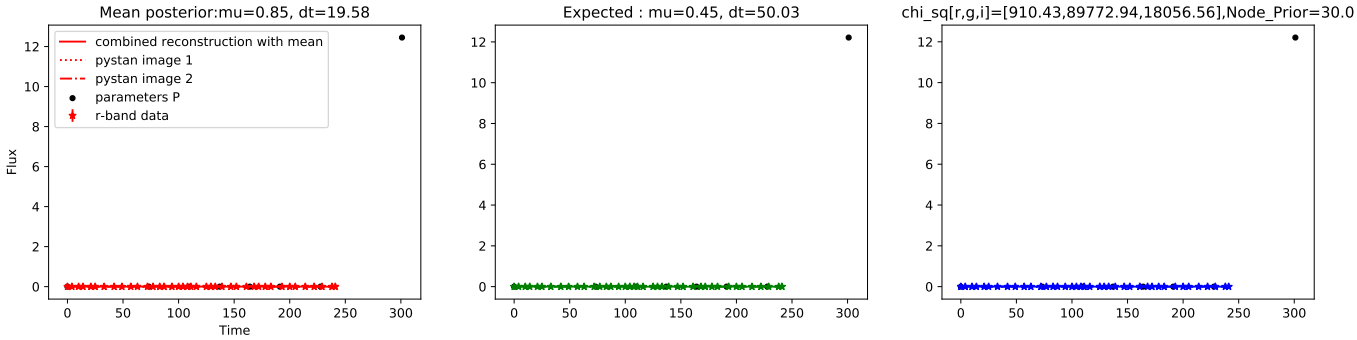

Mean posterior:mu=0.94, dt=12.78
Expected : mu=0.45, dt=50.03
chi_sq[r,g,i]=[104.90,166.23,79.27],Node_Prior=0.9
combined reconstruction with mean
pystan image 1
pystan image 2
parameters P
r-band data
Flux
Time
0.0
0.1
0.2
0.3
0.4
0
50
100
150
200
250
300

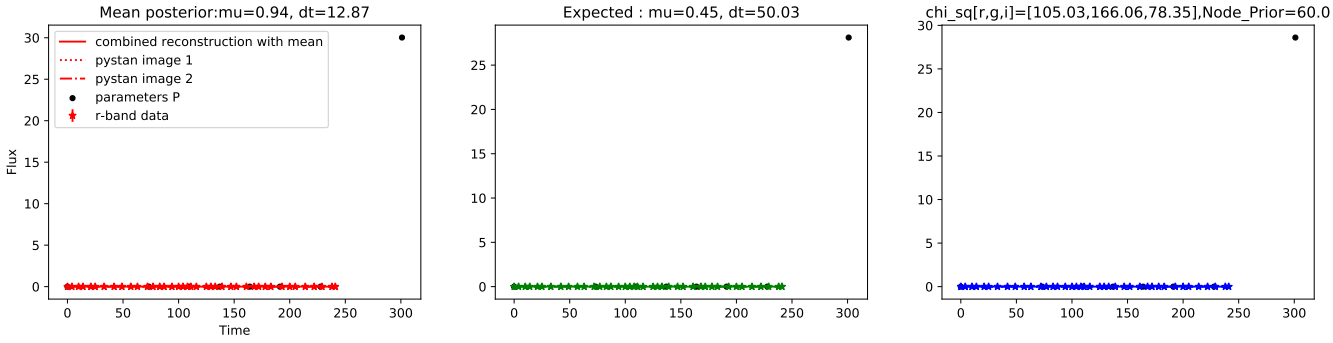

Mean posterior:mu=0.94, dt=12.78
Expected : mu=0.45, dt=50.03
chi_sq[r,g,i]=[104.90,166.17,79.30],Node_Prior=1.0
combined reconstruction with mean
pystan image 1
pystan image 2
parameters P
r-band data
Flux
Time
0.0
0.1
0.2
0.3
0.4
0.5
0
50
100
150
200
250
300


Mean posterior:mu=0.94, dt=12.78
Expected : mu=0.45, dt=50.03
chi_sq[r,g,i]=[104.90,166.17,79.10],Node_Prior=3.0
combined reconstruction with mean
pystan image 1
pystan image 2
parameters P
r-band data
Flux
Time


Mean posterior:mu=0.94, dt=12.80
Expected : mu=0.45, dt=50.03
chi_sq[r,g,i]=[104.89,166.28,78.65],Node_Prior=10.0
combined reconstruction with mean
pystan image 1
pystan image 2
parameters P
r-band data
Flux
Time


Mean posterior:mu=0.94, dt=12.83
Expected : mu=0.45, dt=50.03
chi_sq[r,g,i]=[104.97,166.07,78.57],Node_Prior=20.0
combined reconstruction with mean
pystan image 1
pystan image 2
parameters P
r-band data
Flux
Time


Mean posterior:mu=0.85, dt=19.58
Expected : mu=0.45, dt=50.03
chi_sq[r,g,i]=[910.43,89772.94,18056.56],Node_Prior=30.0
combined reconstruction with mean
pystan image 1
pystan image 2
parameters P
r-band data
Flux
Time


Mean posterior:mu=0.94, dt=12.87
combined reconstruction with mean
pystan image 1
pystan image 2
parameters P
r-band data
Flux
Time
Expected : mu=0.45, dt=50.03
chi_sq[r,g,i]=[105.03,166.06,78.35],Node_Prior=60.0