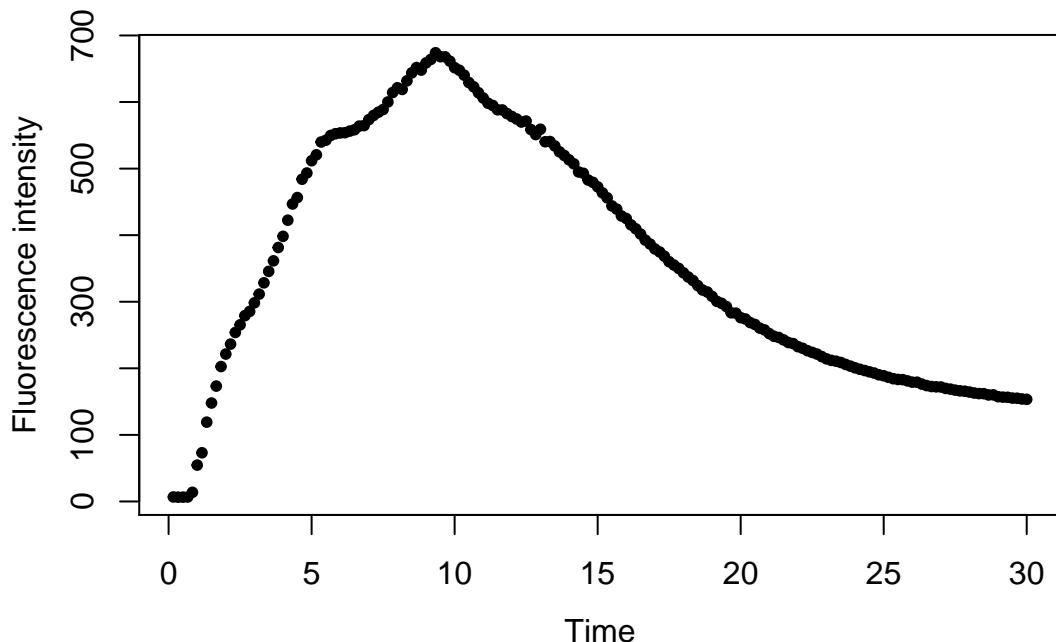


Analysis of individual stanfit objects

November 3, 2020

Dataset: experimental_data_d2eGFP, model type: ODE

Trajectory 12



	mean	se_mean	sd	5%	50%	95%	n_eff
theta[1]	0.137	0.000	0.020	0.109	0.135	0.172	7033
theta[2]	1.657	0.019	2.145	0.038	0.764	6.294	12776
theta[3]	0.138	0.000	0.020	0.109	0.136	0.172	7033
m0	214.064	1.899	208.819	5.964	149.307	637.852	12096
sigma	0.091	0.000	0.005	0.084	0.091	0.100	16159
scale	7.497	0.082	8.102	0.180	4.030	25.185	9666
offset	6.636	0.002	0.303	6.155	6.626	7.143	17648
t0	0.800	0.000	0.006	0.790	0.800	0.809	16402
prod_theta2_m0	251.265	5.502	578.937	8.521	53.359	1193.181	11070
prod_theta2_scale	7.459	0.224	19.323	0.338	1.442	35.970	7468
prod_m0_scale	1175.812	24.713	2324.080	34.144	282.235	5597.234	8844
prod_theta2_m0_scale	214.807	0.029	3.792	208.880	214.617	221.267	16976
x2_sim[180]	140.402	3.071	323.629	4.764	29.702	668.592	11104
	Rhat						
theta[1]	1.001						
theta[2]	1.000						
theta[3]	1.001						
m0	1.000						
sigma	1.000						
scale	1.000						
offset	1.000						

```
t0          1.000
prod_theta2_m0      1.001
prod_theta2_scale   1.001
prod_m0_scale       1.001
prod_theta2_m0_scale 1.000
x2_sim[180]         1.001
```

Divergences:

0 of 20000 iterations ended with a divergence.

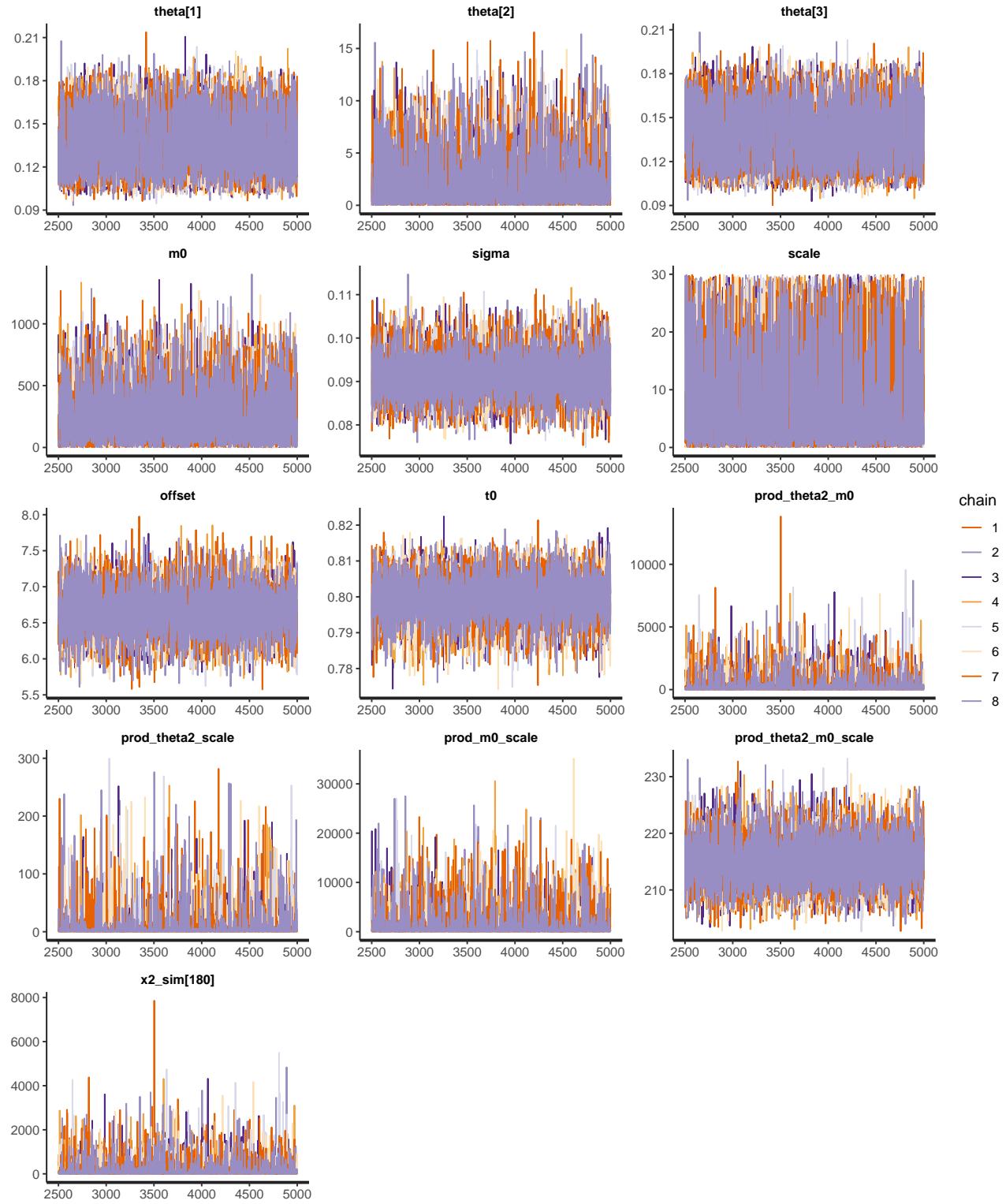
Tree depth:

0 of 20000 iterations saturated the maximum tree depth of 15.

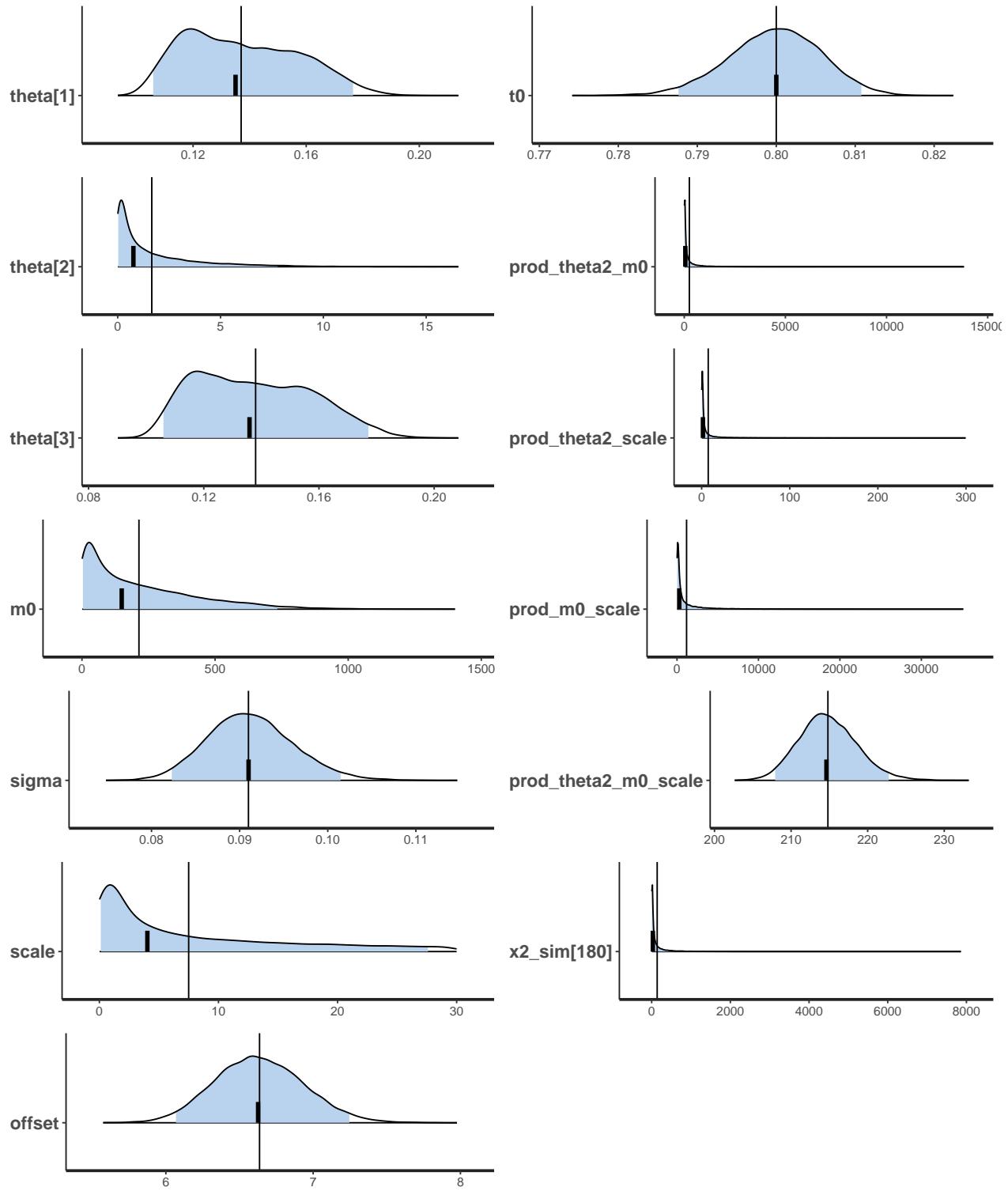
Energy:

E-BFMI indicated no pathological behavior.

Traceplots



Density plots with 95% CI and median



Pair plots

