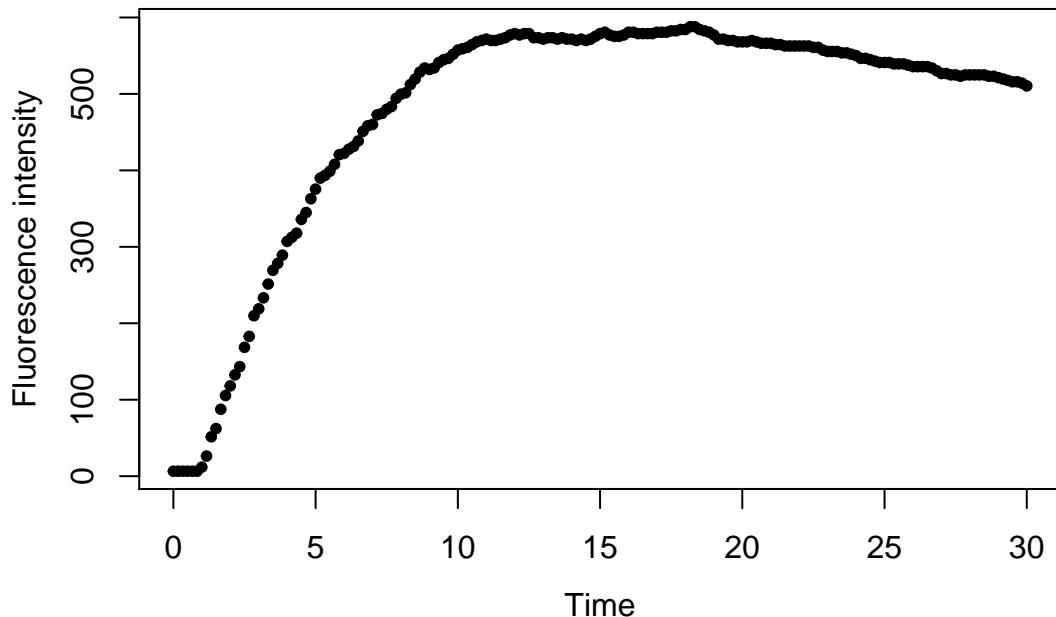


Analysis of individual stanfit objects

November 4, 2020

Dataset: simulated_data_dataset1_no_error, model type: ODE

Trajectory 6



	mean	se_mean	sd	5%	50%	95%	n_eff
theta[1]	0.107	0.034	0.068	0.018	0.157	0.164	4
theta[2]	1.518	0.019	2.081	0.024	0.635	5.939	12168
theta[3]	0.072	0.034	0.068	0.018	0.020	0.163	4
m0	204.624	1.985	208.031	3.921	135.790	629.390	10984
sigma	0.026	0.000	0.001	0.024	0.026	0.028	16091
scale	7.021	0.081	7.982	0.119	3.465	24.860	9806
offset	6.501	0.001	0.069	6.389	6.500	6.616	17113
t0	0.964	0.000	0.002	0.960	0.964	0.968	18718
prod_theta2_m0	213.077	5.032	529.829	5.011	35.992	1042.372	11087
prod_theta2_scale	6.464	0.212	18.585	0.198	0.917	31.734	7704
prod_m0_scale	1033.295	25.361	2254.019	20.950	195.957	5227.448	7899
prod_theta2_m0_scale	124.670	0.008	0.872	123.242	124.664	126.100	13299
x2_sim[180]	850.796	20.090	2116.131	19.999	143.994	4162.648	11095
	Rhat						
theta[1]	26.650						
theta[2]	1.000						
theta[3]	32.998						
m0	1.000						
sigma	1.000						
scale	1.001						
offset	1.000						
t0	1.000						

```
prod_theta2_m0      1.001
prod_theta2_scale   1.000
prod_m0_scale       1.002
prod_theta2_m0_scale 1.000
x2_sim[180]         1.001
```

Divergences:

0 of 20000 iterations ended with a divergence.

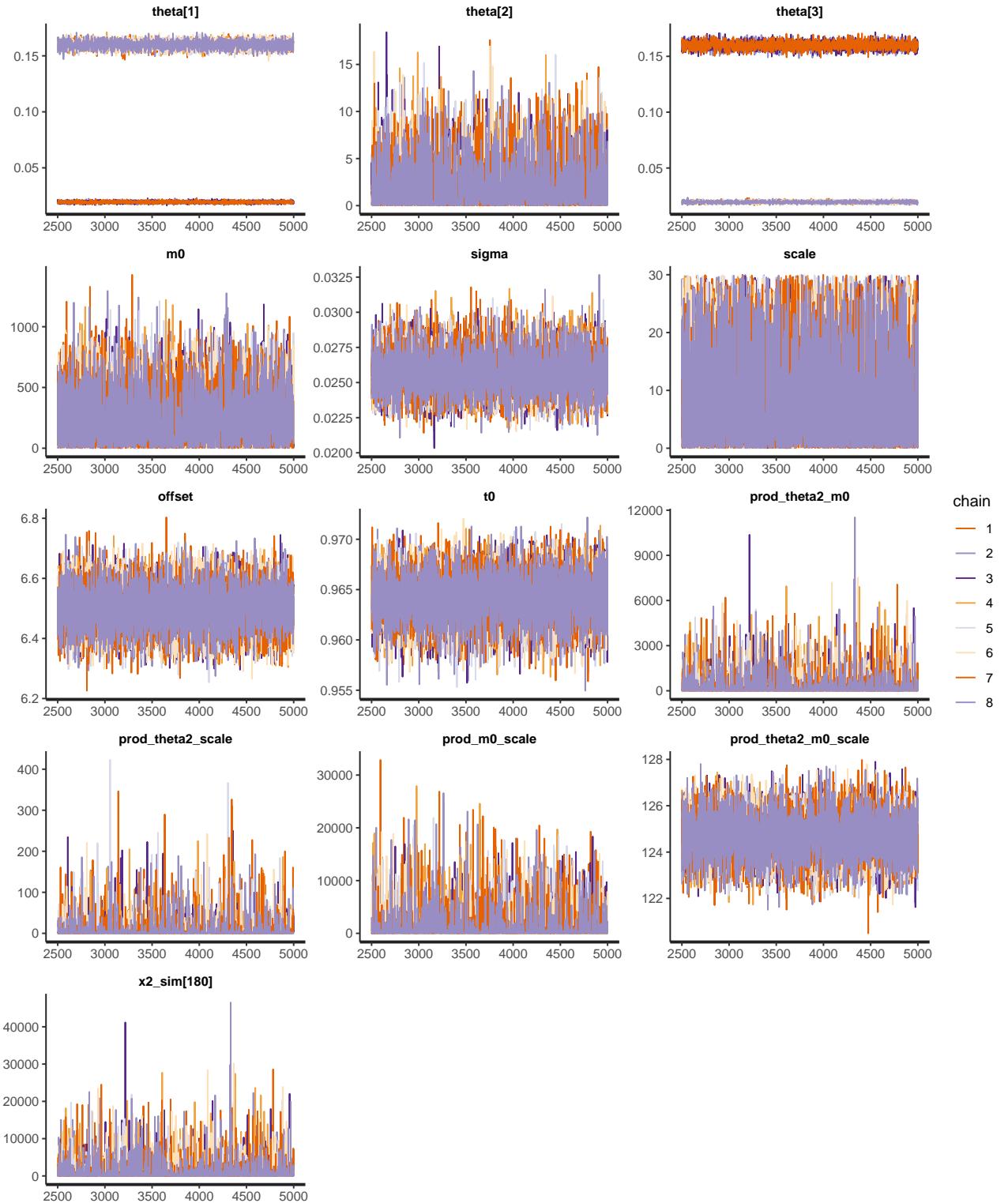
Tree depth:

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

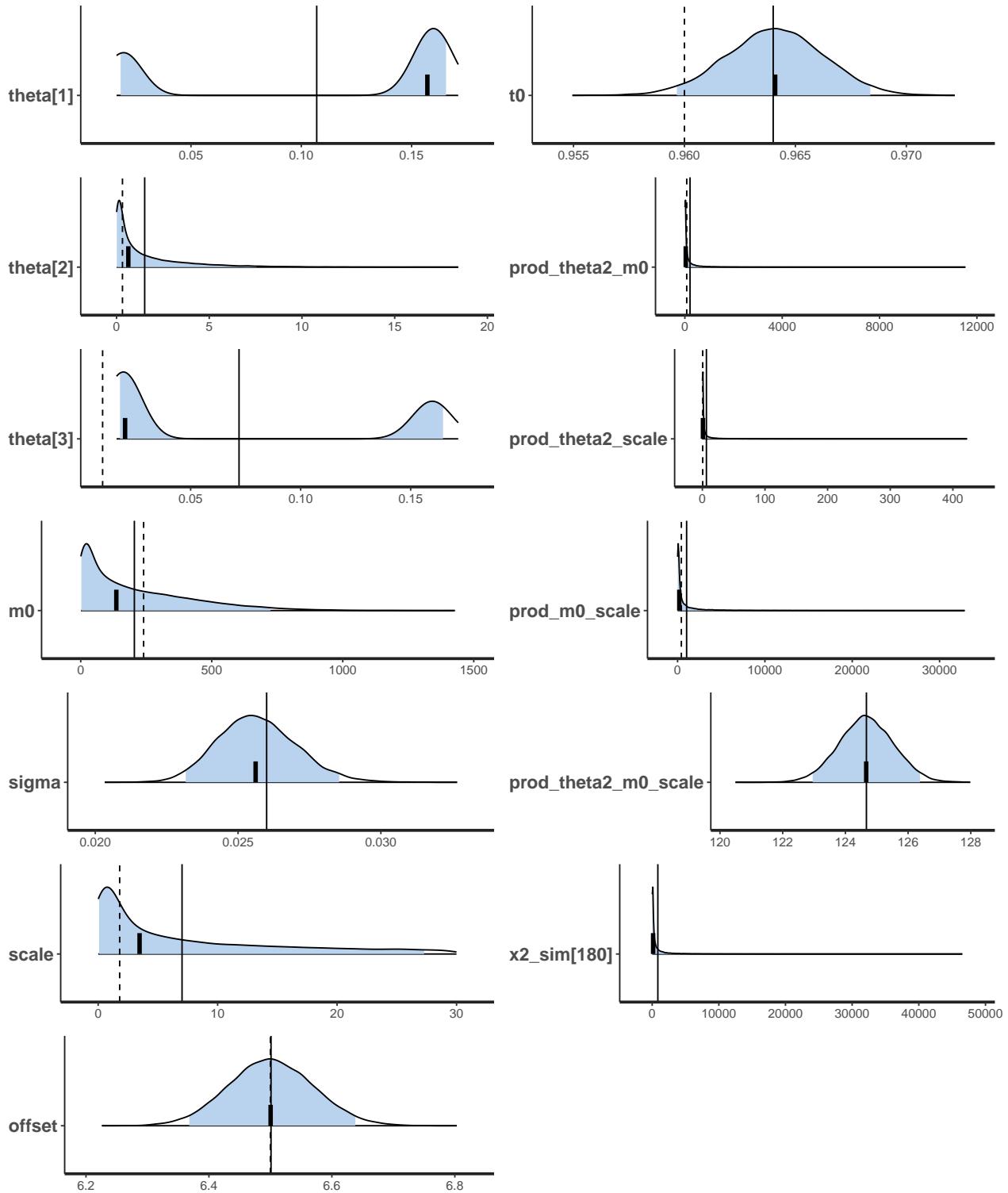
Energy:

E-BFMI indicated no pathological behavior.

Traceplots



Density plots with 95% CI, median (solid line), and if applicable true value (dashed line)



Pair plots

