

Correlation Function

0.030
0.025
0.020
0.015
0.010
0.005

500 1000 1500 2000

Velocity (km/s)

True Model
 $\langle F \rangle = 0.0984$
 $T_0 = 14177$ K
 $\gamma = 1.352$

Inferred Model
 $\langle F \rangle = 0.0783^{+0.0165}_{-0.0076}$
 $T_0 = 12942^{+2773}_{-3223}$ K
 $\gamma = 0.988^{+0.356}_{-0.32}$

Matrices		Grid	
	+		
R_2	0.9841		
MSE	2.72e-07		
Distance	0.004006		

Posterior Draws
Inferred Model
True Model
Max Probability Model
Mock Data

