

Correlation Function

0.030  
0.025  
0.020  
0.015  
0.010  
0.005

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

Inferred Model  
 $\langle F \rangle = 0.0866^{+0.0064}_{-0.0067}$   
 $T_0 = 13128^{+1945}_{-2190}$  K  
 $\gamma = 1.28^{+0.156}_{-0.188}$

Matrices	Grid
$R_2$	0.8759
MSE	2.686e-06
Distance	0.01259

Posterior Draws  
Inferred Model  
True Model  
Max Probability Model  
Mock Data

500

1000

1500

2000

Velocity (km/s)

