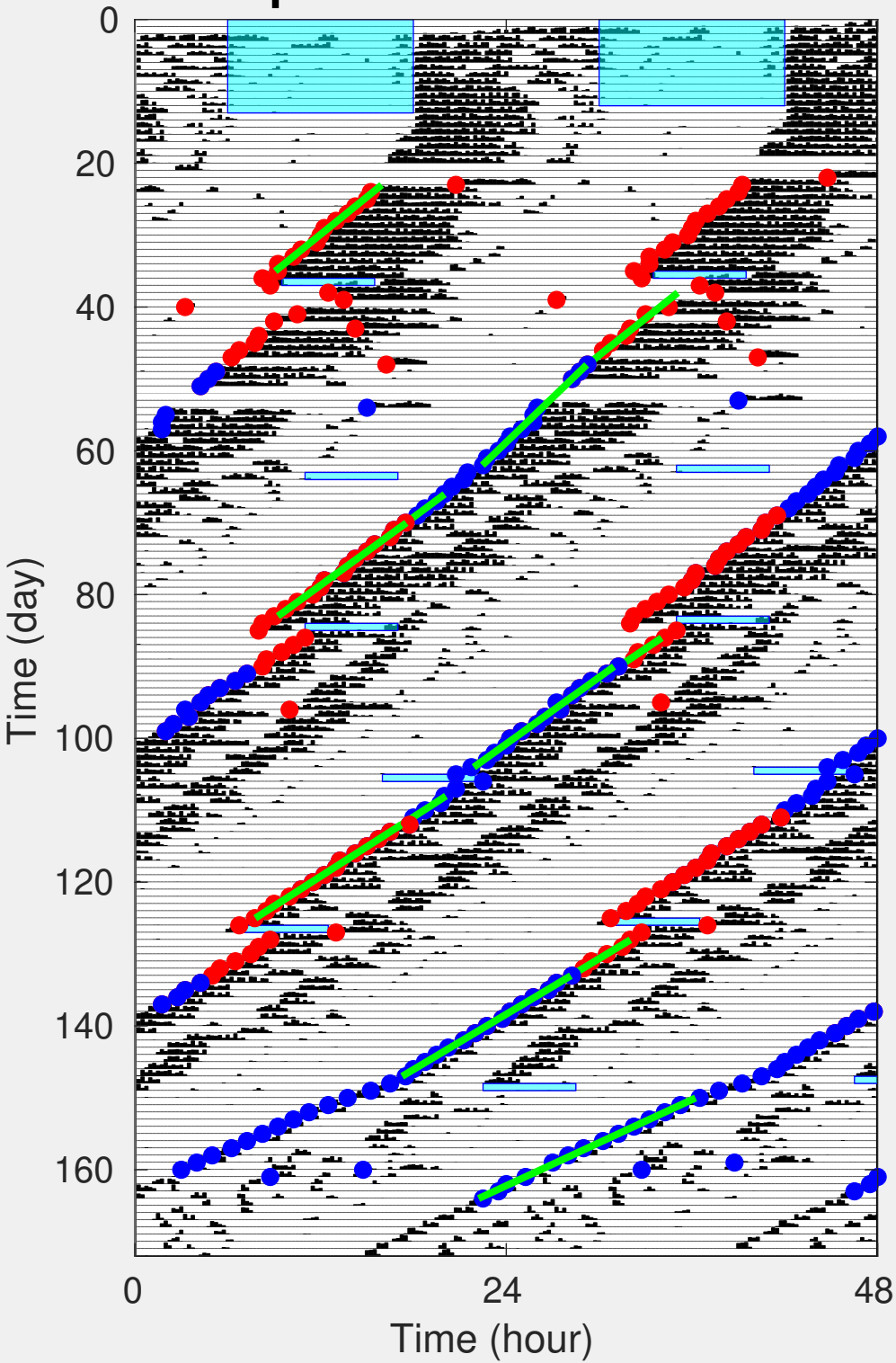


# Npas4++ A2-45-13



$\phi = 13.0$  (h),  $\Delta\phi = -3.8$  (h)  
 $R^2_b = 0.93$ ,  $R^2_a = 0.59$   
 $RMSE_b = 0.64$ ,  $RMSE_a = 1.98$   
 $\tau_b = 23.4$  (h),  $\tau_a = 23.4$  (h)  
 $S = 0.4$

$\phi = 0.8$  (h),  $\Delta\phi = 0.1$  (h)  
 $R^2_b = 0.68$ ,  $R^2_a = 1.00$   
 $RMSE_b = 1.59$ ,  $RMSE_a = 0.18$   
 $\tau_b = 23.5$  (h),  $\tau_a = 23.4$  (h)  
 $S = 0.0$

$\phi = 14.5$  (h),  $\Delta\phi = -2.9$  (h)  
 $R^2_b = 0.99$ ,  $R^2_a = 0.94$   
 $RMSE_b = 0.23$ ,  $RMSE_a = 0.81$   
 $\tau_b = 23.4$  (h),  $\tau_a = 23.3$  (h)  
 $S = 0.0$

$\phi = 6.6$  (h),  $\Delta\phi = -1.1$  (h)  
 $R^2_b = 0.99$ ,  $R^2_a = 1.00$   
 $RMSE_b = 0.28$ ,  $RMSE_a = 0.16$   
 $\tau_b = 23.4$  (h),  $\tau_a = 23.3$  (h)  
 $S = 1.0$

$\phi = 11.4$  (h),  $\Delta\phi = -2.6$  (h)  
 $R^2_b = 1.00$ ,  $R^2_a = 1.00$   
 $RMSE_b = 0.14$ ,  $RMSE_a = 0.14$   
 $\tau_b = 23.3$  (h),  $\tau_a = 23.2$  (h)  
 $S = 0.0$

$\phi = 18.2$  (h),  $\Delta\phi = 2.3$  (h)  
 $R^2_b = 1.00$ ,  $R^2_a = 0.90$   
 $RMSE_b = 0.14$ ,  $RMSE_a = 1.47$   
 $\tau_b = 23.2$  (h),  $\tau_a = 23.0$  (h)  
 $S = 0.0$