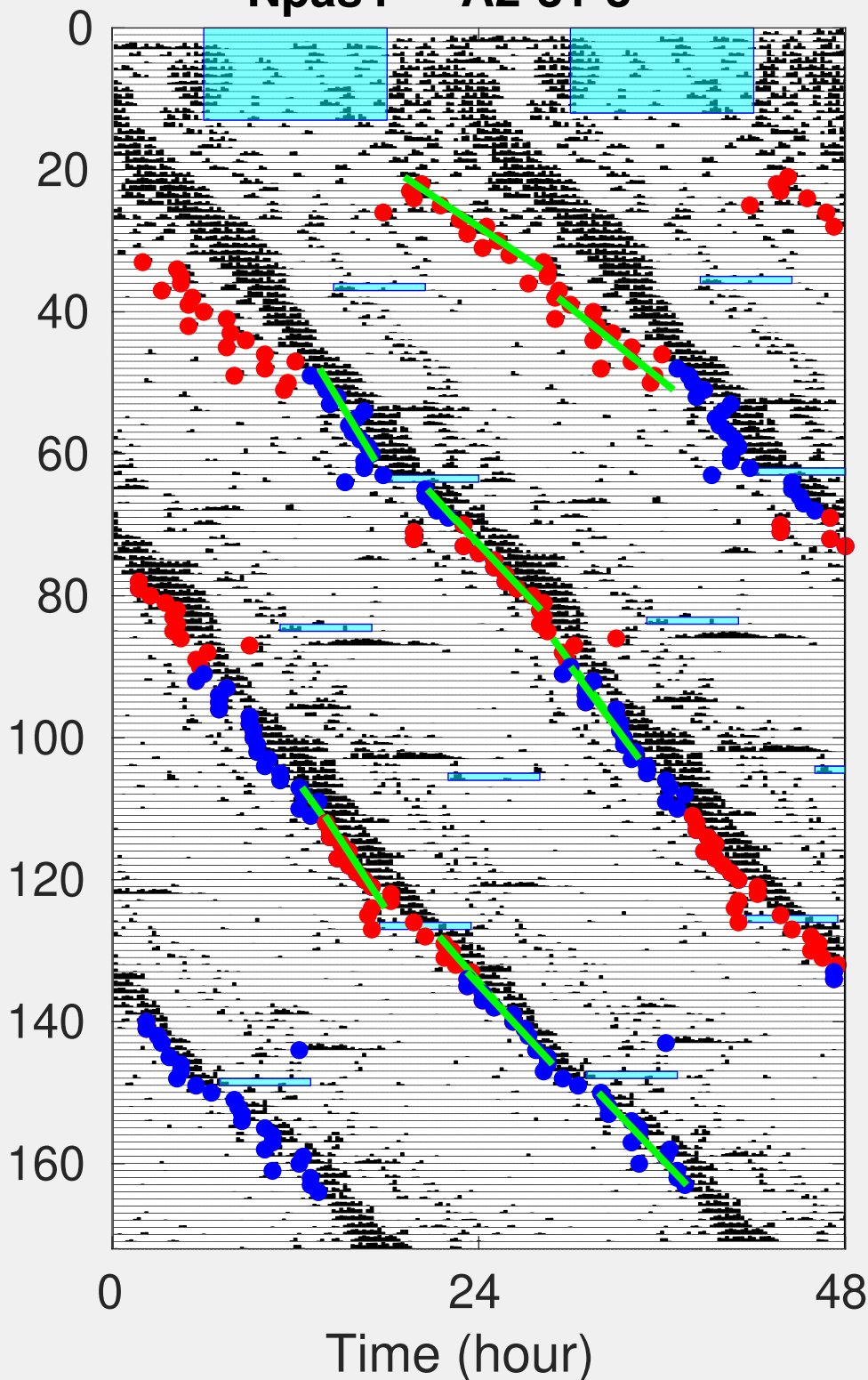


# Npas4-- A2-31-3

Time (day)



$\phi = 21.0$  (h),  $\Delta\phi = 1.5$  (h)  
 $R^2_b = 0.86$ ,  $R^2_a = 0.70$   
 $RMSE_b = 1.18$ ,  $RMSE_a = 1.58$   
 $\tau_b = 24.7$  (h),  $\tau_a = 24.6$  (h)  
 $S = 0.1$

$\phi = 12.2$  (h),  $\Delta\phi = -2.0$  (h)  
 $R^2_b = 0.79$ ,  $R^2_a = 0.85$   
 $RMSE_b = 0.60$ ,  $RMSE_a = 0.75$   
 $\tau_b = 24.3$  (h),  $\tau_a = 24.4$  (h)  
 $S = 0.9$

$\phi = 18.1$  (h),  $\Delta\phi = 0.8$  (h)  
 $R^2_b = 0.87$ ,  $R^2_a = 0.74$   
 $RMSE_b = 0.76$ ,  $RMSE_a = 0.85$   
 $\tau_b = 24.4$  (h),  $\tau_a = 24.3$  (h)  
 $S = 0.9$

$\phi = 22.8$  (h),  $\Delta\phi = -0.6$  (h)  
 $R^2_b = 0.85$ ,  $R^2_a = 0.89$   
 $RMSE_b = 0.61$ ,  $RMSE_a = 0.49$   
 $\tau_b = 24.3$  (h),  $\tau_a = 24.3$  (h)  
 $S = 0.9$

$\phi = 11.3$  (h),  $\Delta\phi = -2.1$  (h)  
 $R^2_b = 0.76$ ,  $R^2_a = 0.95$   
 $RMSE_b = 0.71$ ,  $RMSE_a = 0.40$   
 $\tau_b = 24.3$  (h),  $\tau_a = 24.4$  (h)  
 $S = 0.5$

$\phi = 13.3$  (h),  $\Delta\phi = -1.2$  (h)  
 $R^2_b = 0.72$ ,  $R^2_a = 0.88$   
 $RMSE_b = 1.23$ ,  $RMSE_a = 0.69$   
 $\tau_b = 24.4$  (h),  $\tau_a = 24.4$  (h)  
 $S = 0.6$

0

24

48

Time (hour)