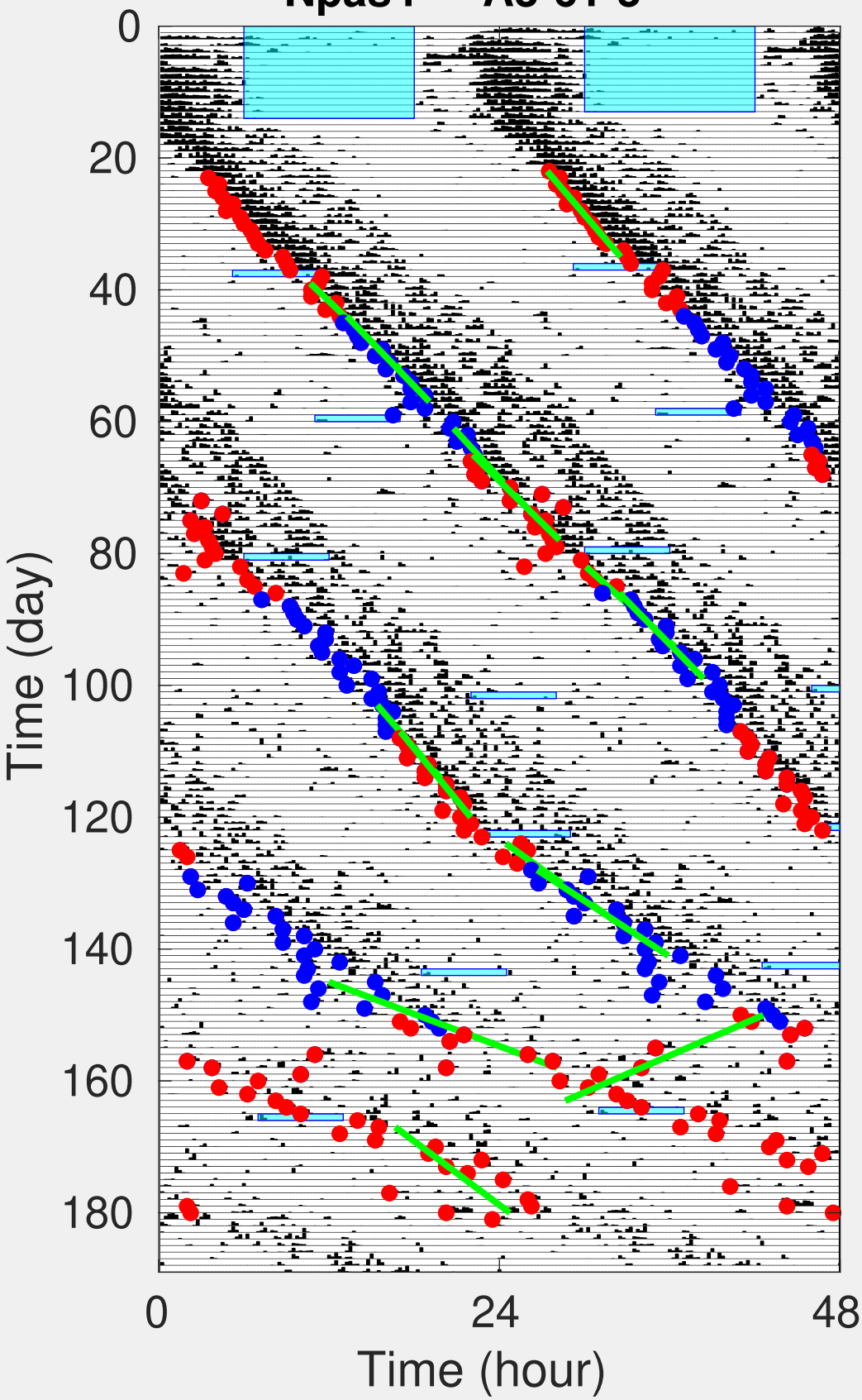


# Npas4-- A3-61-5



$\phi = 8.3$  (h),  $\Delta\phi = -0.4$  (h)  
 $R^2_b = 0.95$ ,  $R^2_a = 0.95$   
 $RMSE_b = 0.40$ ,  $RMSE_a = 0.45$   
 $\tau_b = 24.4$  (h),  $\tau_a = 24.5$  (h)  
 $S = 0.7$

$\phi = 3.5$  (h),  $\Delta\phi = 0.1$  (h)  
 $R^2_b = 0.93$ ,  $R^2_a = 0.72$   
 $RMSE_b = 0.51$ ,  $RMSE_a = 1.12$   
 $\tau_b = 24.4$  (h),  $\tau_a = 24.4$  (h)  
 $S = 0.7$

$\phi = 12.8$  (h),  $\Delta\phi = 0.1$  (h)  
 $R^2_b = 0.79$ ,  $R^2_a = 0.87$   
 $RMSE_b = 1.05$ ,  $RMSE_a = 0.83$   
 $\tau_b = 24.5$  (h),  $\tau_a = 24.5$  (h)  
 $S = 0.7$

$\phi = 18.7$  (h),  $\Delta\phi = 0.7$  (h)  
 $R^2_b = 0.84$ ,  $R^2_a = 0.90$   
 $RMSE_b = 0.84$ ,  $RMSE_a = 0.57$   
 $\tau_b = 24.5$  (h),  $\tau_a = 24.4$  (h)  
 $S = 0.7$

$\phi = 12.3$  (h),  $\Delta\phi = -0.4$  (h)  
 $R^2_b = 0.87$ ,  $R^2_a = 0.78$   
 $RMSE_b = 0.60$ ,  $RMSE_a = 1.48$   
 $\tau_b = 24.4$  (h),  $\tau_a = 24.7$  (h)  
 $S = 0.6$

$\phi = 17.2$  (h),  $\Delta\phi = 3.8$  (h)  
 $R^2_b = 0.82$ ,  $R^2_a = 0.76$   
 $RMSE_b = 1.40$ ,  $RMSE_a = 3.41$   
 $\tau_b = 24.7$  (h),  $\tau_a = 25.2$  (h)  
 $S = 0.9$

$\phi = 16.5$  (h),  $\Delta\phi = 11.1$  (h)  
 $R^2_b = 0.34$ ,  $R^2_a = 0.36$   
 $RMSE_b = 5.75$ ,  $RMSE_a = 3.49$   
 $\tau_b = 22.9$  (h),  $\tau_a = 24.6$  (h)  
 $S = 0.6$