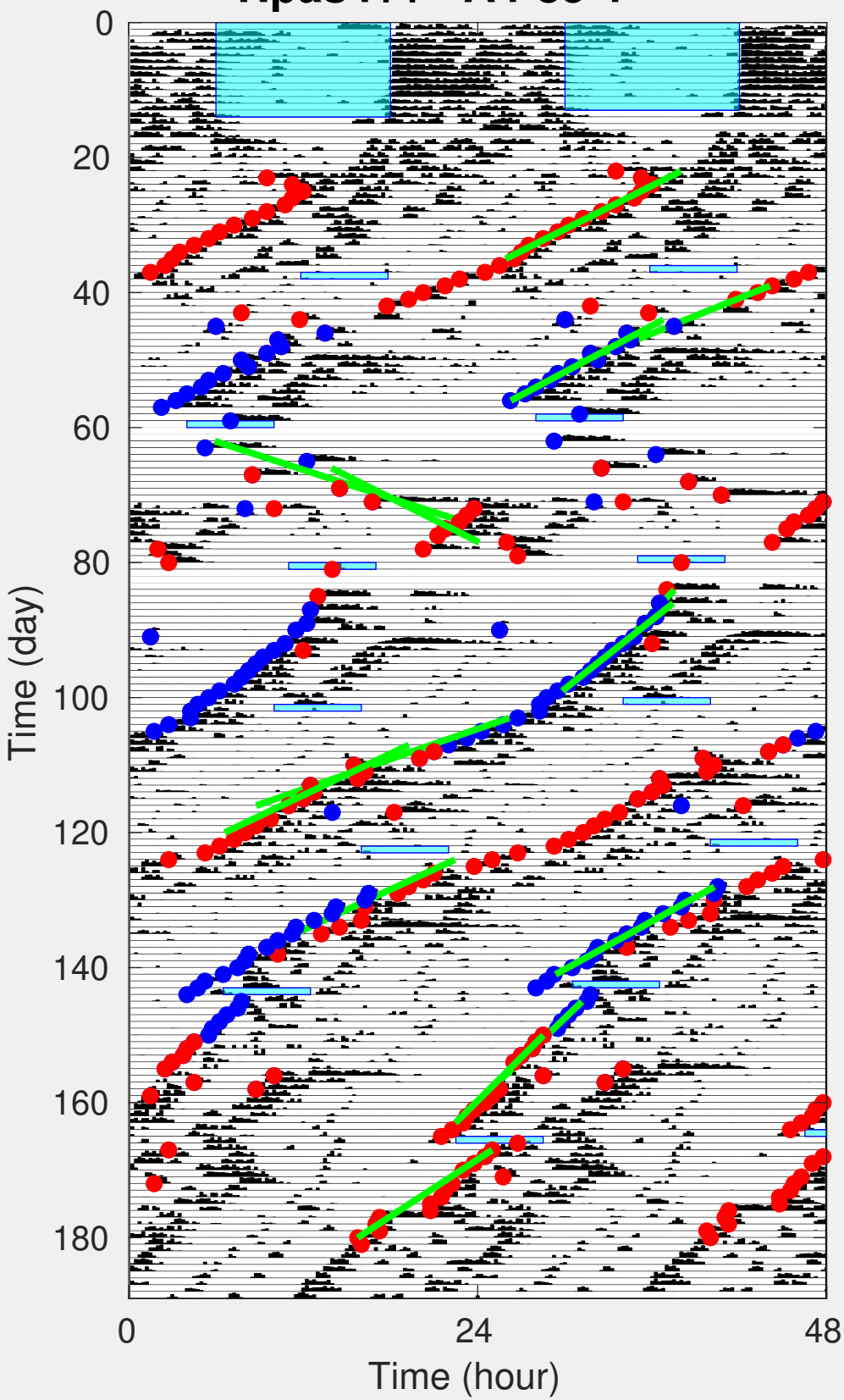


# Npas4++ A4-85-1



$\phi = 23.8$  (h),  $\Delta\phi = 1.7$  (h)  
 $R^2_b = 0.98$ ,  $R^2_a = 0.90$   
 $RMSE_b = 0.61$ ,  $RMSE_a = 1.65$   
 $\tau_b = 23.1$  (h),  $\tau_a = 22.8$  (h)  
 $S = 0.3$

$\phi = 16.3$  (h),  $\Delta\phi = -2.0$  (h)  
 $R^2_b = 0.91$ ,  $R^2_a = 0.61$   
 $RMSE_b = 1.08$ ,  $RMSE_a = 4.43$   
 $\tau_b = 23.1$  (h),  $\tau_a = 25.4$  (h)  
 $S = 0.3$

$\phi = 20.1$  (h),  $\Delta\phi = 11.6$  (h)  
 $R^2_b = 0.28$ ,  $R^2_a = 0.45$   
 $RMSE_b = 5.11$ ,  $RMSE_a = 1.86$   
 $\tau_b = 24.9$  (h),  $\tau_a = 23.6$  (h)  
 $S = 0.8$

$\phi = 17.4$  (h),  $\Delta\phi = -0.2$  (h)  
 $R^2_b = 0.78$ ,  $R^2_a = 0.96$   
 $RMSE_b = 1.32$ ,  $RMSE_a = 1.15$   
 $\tau_b = 23.4$  (h),  $\tau_a = 22.7$  (h)  
 $S = 0.5$

$\phi = 23.3$  (h),  $\Delta\phi = 4.2$  (h)  
 $R^2_b = 0.86$ ,  $R^2_a = 0.93$   
 $RMSE_b = 1.64$ ,  $RMSE_a = 1.11$   
 $\tau_b = 23.0$  (h),  $\tau_a = 23.0$  (h)  
 $S = 0.6$

$\phi = 14.8$  (h),  $\Delta\phi = -4.5$  (h)  
 $R^2_b = 0.99$ ,  $R^2_a = 0.81$   
 $RMSE_b = 0.43$ ,  $RMSE_a = 1.18$   
 $\tau_b = 23.2$  (h),  $\tau_a = 23.5$  (h)  
 $S = 0.0$

$\phi = 13.0$  (h),  $\Delta\phi = -4.9$  (h)  
 $R^2_b = 0.75$ ,  $R^2_a = 0.88$   
 $RMSE_b = 1.31$ ,  $RMSE_a = 1.10$   
 $\tau_b = 23.5$  (h),  $\tau_a = 23.3$  (h)  
 $S = 0.0$