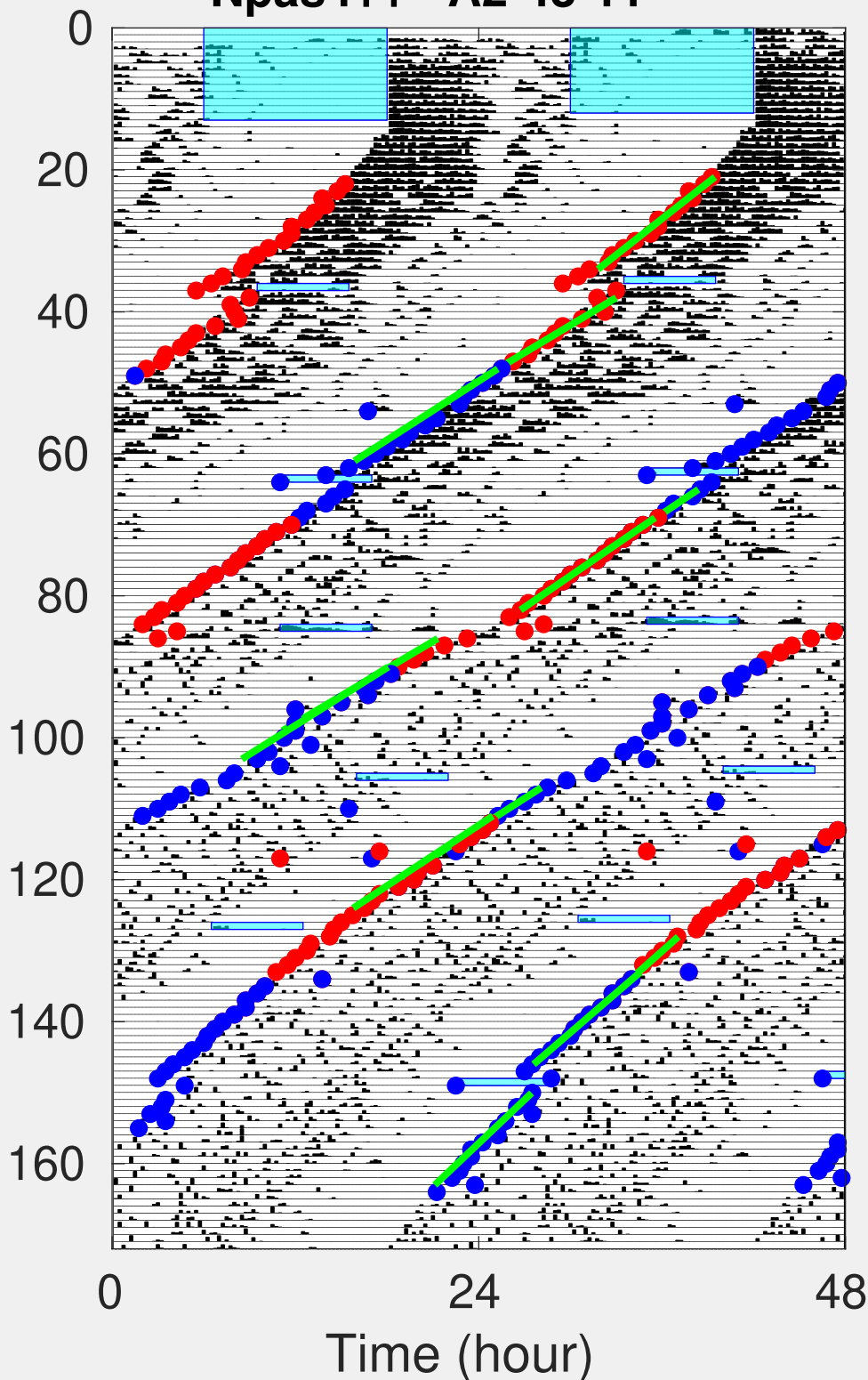


# Npas4++ A2-43-11

Time (day)



$\phi = 14.9$  (h),  $\Delta\phi = -3.9$  (h)  
 $R^2_b = 0.98$ ,  $R^2_a = 0.98$   
 $RMSE_b = 0.37$ ,  $RMSE_a = 0.40$   
 $\tau_b = 23.4$  (h),  $\tau_a = 23.2$  (h)  
 $S = 0.4$

$\phi = 7.9$  (h),  $\Delta\phi = -1.3$  (h)  
 $R^2_b = 0.96$ ,  $R^2_a = 1.00$   
 $RMSE_b = 0.67$ ,  $RMSE_a = 0.20$   
 $\tau_b = 23.3$  (h),  $\tau_a = 23.3$  (h)  
 $S = 0.0$

$\phi = 21.6$  (h),  $\Delta\phi = 2.5$  (h)  
 $R^2_b = 1.00$ ,  $R^2_a = 0.98$   
 $RMSE_b = 0.16$ ,  $RMSE_a = 0.45$   
 $\tau_b = 23.3$  (h),  $\tau_a = 23.2$  (h)  
 $S = 0.0$

$\phi = 21.0$  (h),  $\Delta\phi = 1.5$  (h)  
 $R^2_b = 0.95$ ,  $R^2_a = 0.84$   
 $RMSE_b = 0.70$ ,  $RMSE_a = 1.40$   
 $\tau_b = 23.3$  (h),  $\tau_a = 23.3$  (h)  
 $S = 0.1$

$\phi = 3.4$  (h),  $\Delta\phi = 0.3$  (h)  
 $R^2_b = 0.82$ ,  $R^2_a = 0.96$   
 $RMSE_b = 1.45$ ,  $RMSE_a = 0.46$   
 $\tau_b = 23.3$  (h),  $\tau_a = 23.5$  (h)  
 $S = 1.0$

$\phi = 7.4$  (h),  $\Delta\phi = -1.9$  (h)  
 $R^2_b = 0.97$ ,  $R^2_a = 0.96$   
 $RMSE_b = 0.41$ ,  $RMSE_a = 0.41$   
 $\tau_b = 23.5$  (h),  $\tau_a = 23.5$  (h)  
 $S = 1.0$

0

24

48

Time (hour)