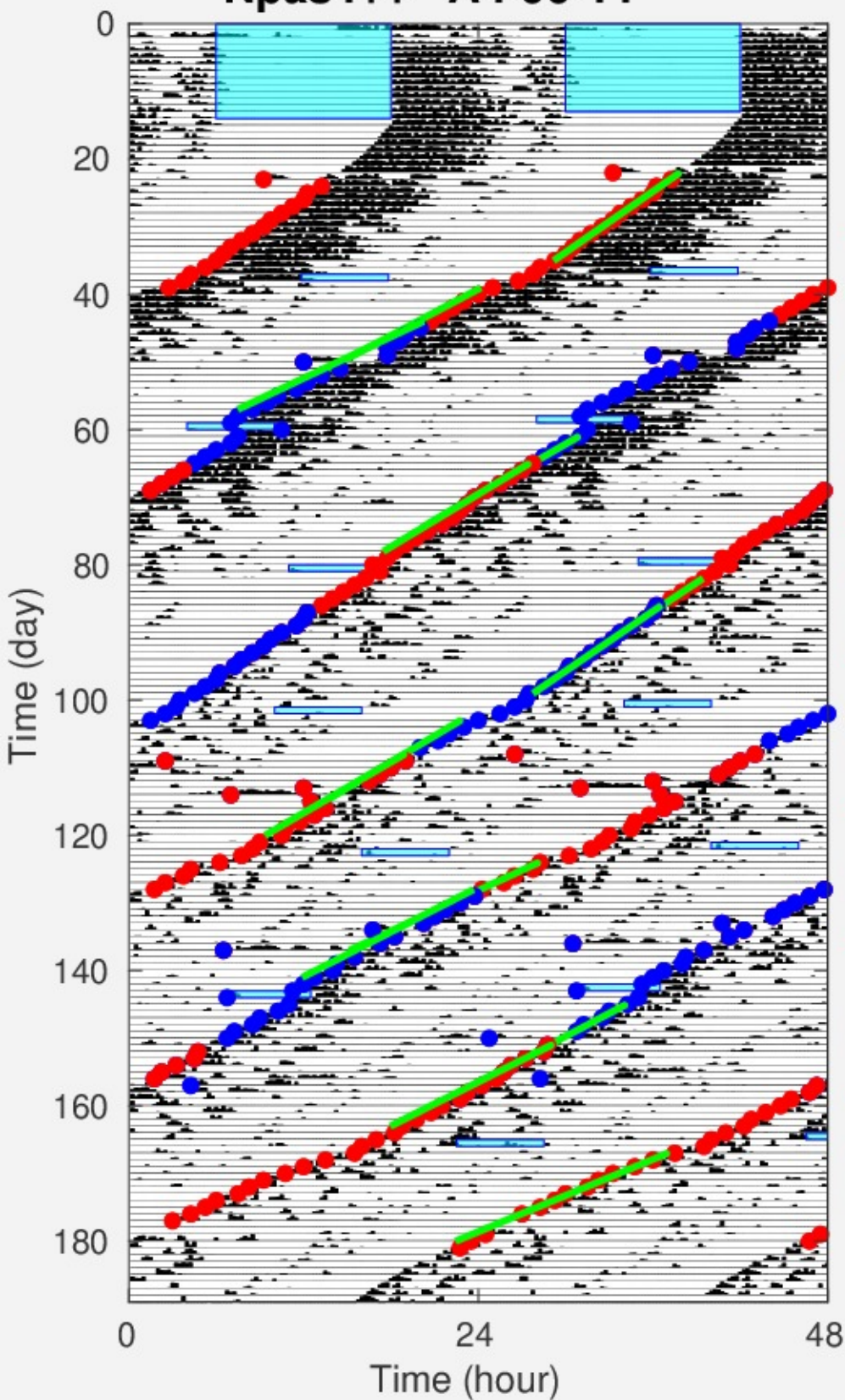


# Npas4++ A4-99-11



$\phi = 20.0$  (h),  $\Delta\phi = 1.9$  (h)  
 $R^2_b = 0.96$ ,  $R^2_a = 0.97$   
 $RMSE_b = 0.55$ ,  $RMSE_a = 0.67$   
 $\tau_b = 23.3$  (h),  $\tau_a = 23.1$  (h)  
 $S = 0.0$

$\phi = 9.5$  (h),  $\Delta\phi = -3.0$  (h)  
 $R^2_b = 0.98$ ,  $R^2_a = 0.99$   
 $RMSE_b = 0.54$ ,  $RMSE_a = 0.28$   
 $\tau_b = 23.0$  (h),  $\tau_a = 23.2$  (h)  
 $S = 0.0$

$\phi = 6.3$  (h),  $\Delta\phi = -0.9$  (h)  
 $R^2_b = 0.99$ ,  $R^2_a = 1.00$   
 $RMSE_b = 0.35$ ,  $RMSE_a = 0.15$   
 $\tau_b = 23.2$  (h),  $\tau_a = 23.3$  (h)  
 $S = 0.0$

$\phi = 19.6$  (h),  $\Delta\phi = 2.1$  (h)  
 $R^2_b = 0.99$ ,  $R^2_a = 0.82$   
 $RMSE_b = 0.21$ ,  $RMSE_a = 1.52$   
 $\tau_b = 23.3$  (h),  $\tau_a = 23.2$  (h)  
 $S = 0.0$

$\phi = 20.2$  (h),  $\Delta\phi = 1.6$  (h)  
 $R^2_b = 0.77$ ,  $R^2_a = 0.85$   
 $RMSE_b = 2.12$ ,  $RMSE_a = 1.78$   
 $\tau_b = 23.2$  (h),  $\tau_a = 23.0$  (h)  
 $S = 0.4$

$\phi = 7.5$  (h),  $\Delta\phi = -1.8$  (h)  
 $R^2_b = 0.90$ ,  $R^2_a = 0.94$   
 $RMSE_b = 1.32$ ,  $RMSE_a = 0.90$   
 $\tau_b = 23.1$  (h),  $\tau_a = 23.1$  (h)  
 $S = 0.7$

$\phi = 18.4$  (h),  $\Delta\phi = 0.9$  (h)  
 $R^2_b = 0.99$ ,  $R^2_a = 1.00$   
 $RMSE_b = 0.26$ ,  $RMSE_a = 0.29$   
 $\tau_b = 23.1$  (h),  $\tau_a = 22.9$  (h)  
 $S = 0.5$