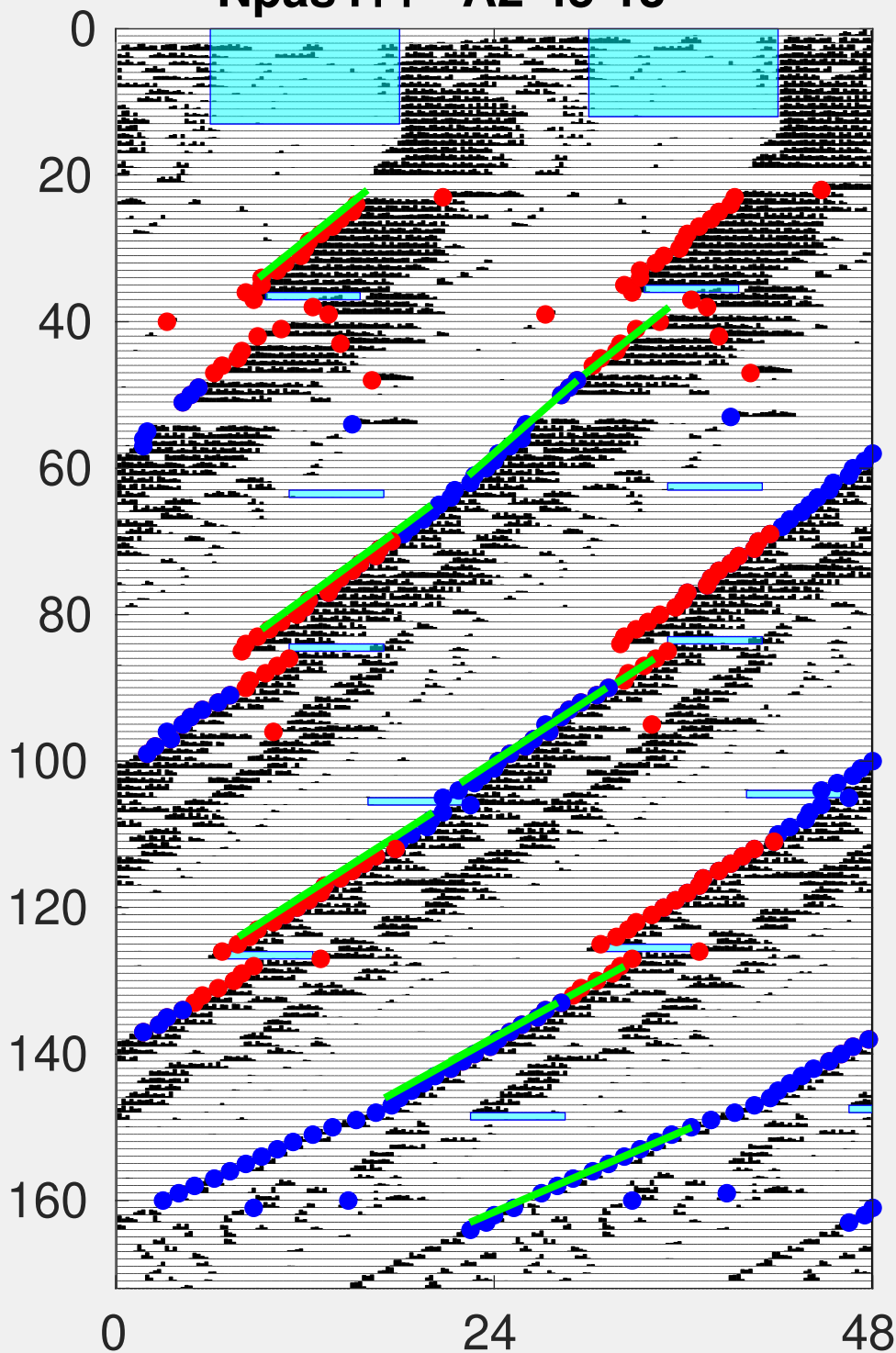


# Npas4++ A2-45-13

Time (day)



$\phi = 13.6$  (h),  $\Delta\phi = -4.3$  (h)  
 $R^2_b = 0.93$ ,  $R^2_a = 0.59$   
 $RMSE_b = 0.64$ ,  $RMSE_a = 1.98$   
 $\tau_b = 23.4$  (h),  $\tau_a = 23.4$  (h)  
 $S = 0.4$

$\phi = 1.2$  (h),  $\Delta\phi = 0.0$  (h)  
 $R^2_b = 0.67$ ,  $R^2_a = 1.00$   
 $RMSE_b = 1.63$ ,  $RMSE_a = 0.18$   
 $\tau_b = 23.5$  (h),  $\tau_a = 23.4$  (h)  
 $S = 0.0$

$\phi = 15.0$  (h),  $\Delta\phi = -3.6$  (h)  
 $R^2_b = 0.99$ ,  $R^2_a = 0.93$   
 $RMSE_b = 0.23$ ,  $RMSE_a = 0.87$   
 $\tau_b = 23.4$  (h),  $\tau_a = 23.3$  (h)  
 $S = 0.0$

$\phi = 6.9$  (h),  $\Delta\phi = -1.1$  (h)  
 $R^2_b = 0.98$ ,  $R^2_a = 1.00$   
 $RMSE_b = 0.38$ ,  $RMSE_a = 0.16$   
 $\tau_b = 23.3$  (h),  $\tau_a = 23.3$  (h)  
 $S = 1.0$

$\phi = 12.2$  (h),  $\Delta\phi = -3.6$  (h)  
 $R^2_b = 1.00$ ,  $R^2_a = 0.99$   
 $RMSE_b = 0.14$ ,  $RMSE_a = 0.28$   
 $\tau_b = 23.3$  (h),  $\tau_a = 23.1$  (h)  
 $S = 0.0$

$\phi = 19.1$  (h),  $\Delta\phi = 0.7$  (h)  
 $R^2_b = 0.99$ ,  $R^2_a = 0.89$   
 $RMSE_b = 0.30$ ,  $RMSE_a = 1.55$   
 $\tau_b = 23.2$  (h),  $\tau_a = 22.9$  (h)  
 $S = 0.0$

Time (hour)