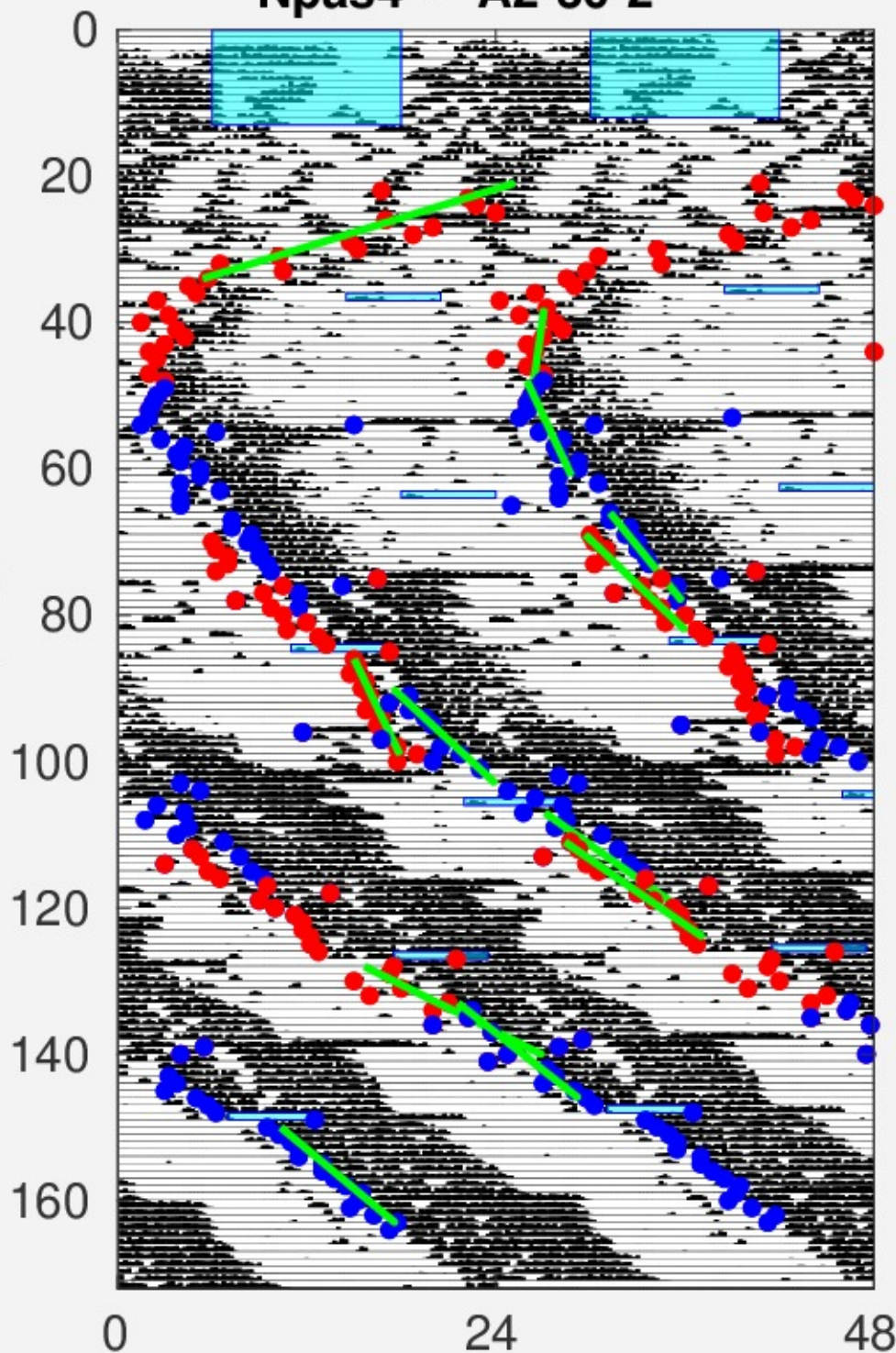


# Npas4-- A2-30-2

Time (day)



$\phi = 22.6$  (h),  $\Delta\phi = -0.8$  (h)  
 $R^2_b = 0.81$ ,  $R^2_a = 0.03$   
 $RMSE_b = 3.01$ ,  $RMSE_a = 0.98$   
 $\tau_b = 22.5$  (h),  $\tau_a = 23.9$  (h)  
 $S = 0.9$

$\phi = 1.0$  (h),  $\Delta\phi = -0.9$  (h)  
 $R^2_b = 0.29$ ,  $R^2_a = 0.60$   
 $RMSE_b = 1.84$ ,  $RMSE_a = 1.23$   
 $\tau_b = 24.2$  (h),  $\tau_a = 24.4$  (h)  
 $S = 0.9$

$\phi = 10.5$  (h),  $\Delta\phi = -1.6$  (h)  
 $R^2_b = 0.64$ ,  $R^2_a = 0.49$   
 $RMSE_b = 1.55$ ,  $RMSE_a = 0.95$   
 $\tau_b = 24.5$  (h),  $\tau_a = 24.2$  (h)  
 $S = 0.0$

$\phi = 9.5$  (h),  $\Delta\phi = -0.8$  (h)  
 $R^2_b = 0.51$ ,  $R^2_a = 0.67$   
 $RMSE_b = 2.09$ ,  $RMSE_a = 1.91$   
 $\tau_b = 24.5$  (h),  $\tau_a = 24.7$  (h)  
 $S = 0.9$

$\phi = 15.0$  (h),  $\Delta\phi = 0.7$  (h)  
 $R^2_b = 0.84$ ,  $R^2_a = 0.70$   
 $RMSE_b = 1.21$ ,  $RMSE_a = 2.47$   
 $\tau_b = 24.7$  (h),  $\tau_a = 24.9$  (h)  
 $S = 0.4$

$\phi = 12.6$  (h),  $\Delta\phi = -2.8$  (h)  
 $R^2_b = 0.64$ ,  $R^2_a = 0.95$   
 $RMSE_b = 1.86$ ,  $RMSE_a = 0.52$   
 $\tau_b = 24.6$  (h),  $\tau_a = 24.6$  (h)  
 $S = 0.7$

Time (hour)