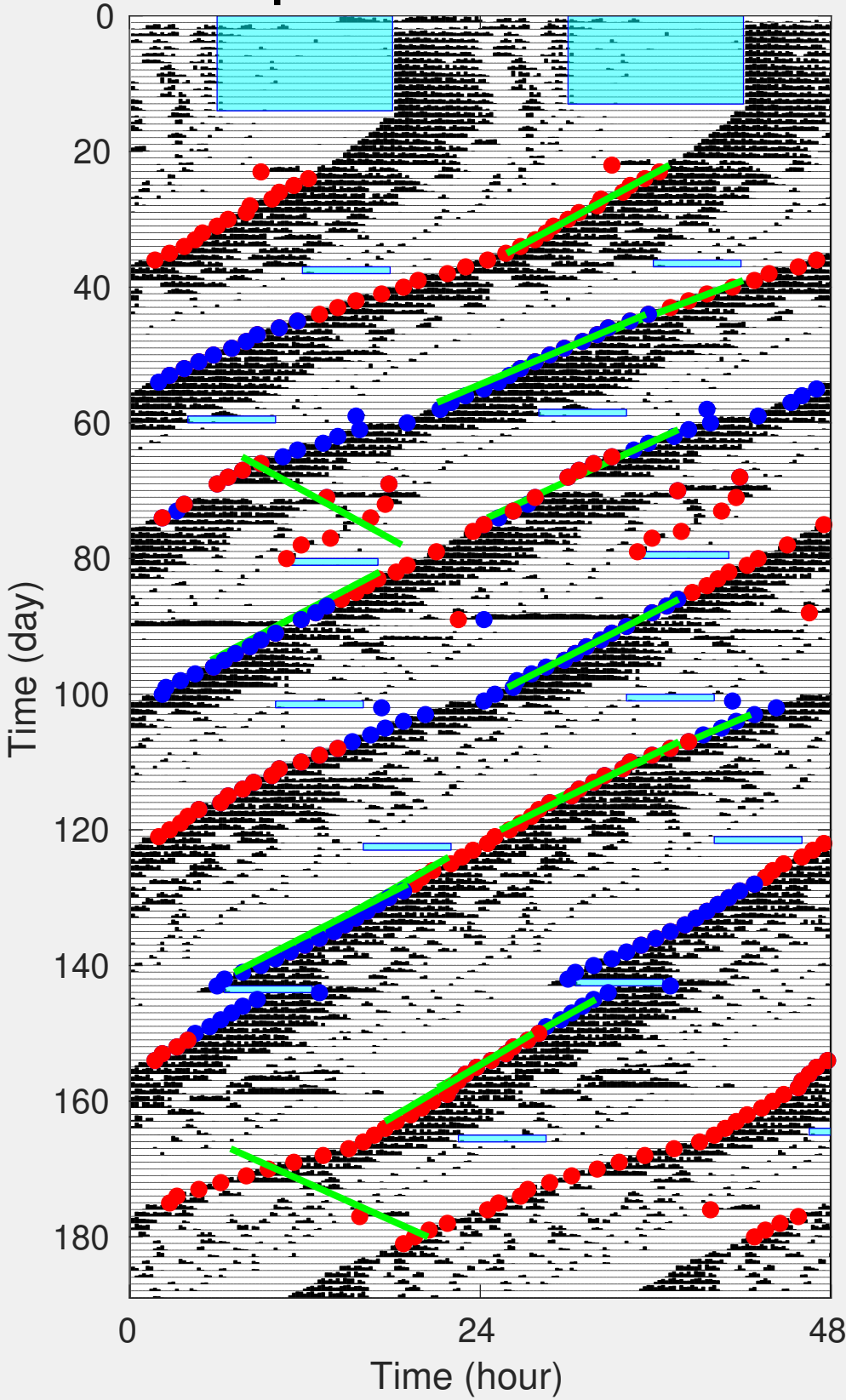


Npas4++ A4-89-5



$\phi = 23.7$ (h), $\Delta\phi = 3.7$ (h)
 $R^2_b = 0.98$, $R^2_a = 0.99$
 $RMSE_b = 0.53$, $RMSE_a = 0.46$
 $\tau_b = 23.1$ (h), $\tau_a = 22.8$ (h)
 $S = 0.2$

$\phi = 21.1$ (h), $\Delta\phi = 3.3$ (h)
 $R^2_b = 1.00$, $R^2_a = 0.86$
 $RMSE_b = 0.24$, $RMSE_a = 1.82$
 $\tau_b = 22.9$ (h), $\tau_a = 23.0$ (h)
 $S = 0.0$

$\phi = 3.5$ (h), $\Delta\phi = 1.4$ (h)
 $R^2_b = 0.15$, $R^2_a = 0.88$
 $RMSE_b = 7.02$, $RMSE_a = 1.41$
 $\tau_b = 24.8$ (h), $\tau_a = 23.1$ (h)
 $S = 1.0$

$\phi = 21.9$ (h), $\Delta\phi = 3.4$ (h)
 $R^2_b = 0.90$, $R^2_a = 1.00$
 $RMSE_b = 1.37$, $RMSE_a = 0.32$
 $\tau_b = 23.1$ (h), $\tau_a = 22.9$ (h)
 $S = 0.2$

$\phi = 3.6$ (h), $\Delta\phi = 0.0$ (h)
 $R^2_b = 0.99$, $R^2_a = 1.00$
 $RMSE_b = 0.43$, $RMSE_a = 0.20$
 $\tau_b = 23.1$ (h), $\tau_a = 23.2$ (h)
 $S = 0.0$

$\phi = 13.1$ (h), $\Delta\phi = -4.2$ (h)
 $R^2_b = 0.99$, $R^2_a = 0.98$
 $RMSE_b = 0.36$, $RMSE_a = 0.44$
 $\tau_b = 23.1$ (h), $\tau_a = 23.2$ (h)
 $S = 0.0$

$\phi = 18.6$ (h), $\Delta\phi = 11.1$ (h)
 $R^2_b = 0.98$, $R^2_a = 0.20$
 $RMSE_b = 0.46$, $RMSE_a = 7.47$
 $\tau_b = 23.2$ (h), $\tau_a = 25.0$ (h)
 $S = 0.0$