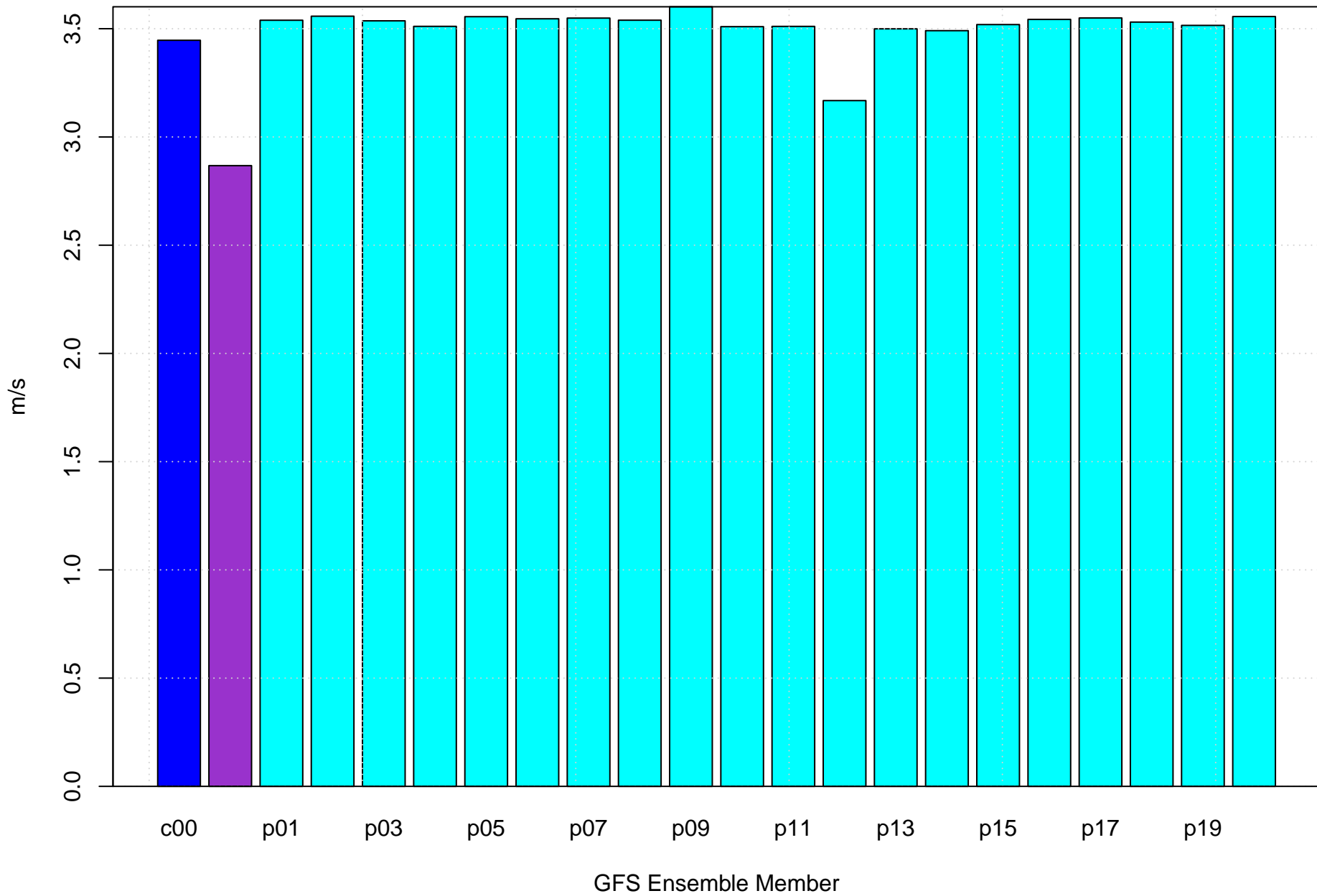
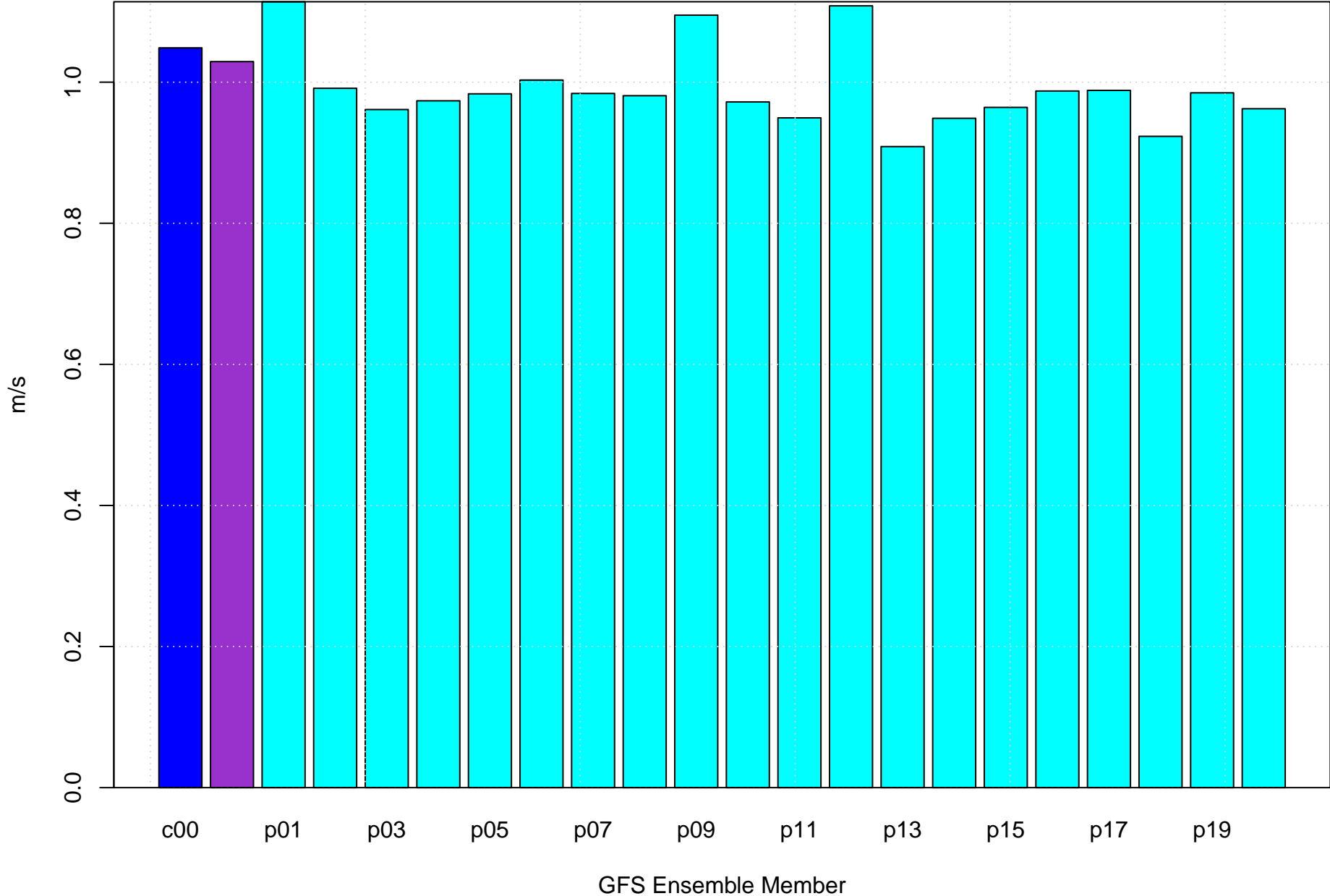


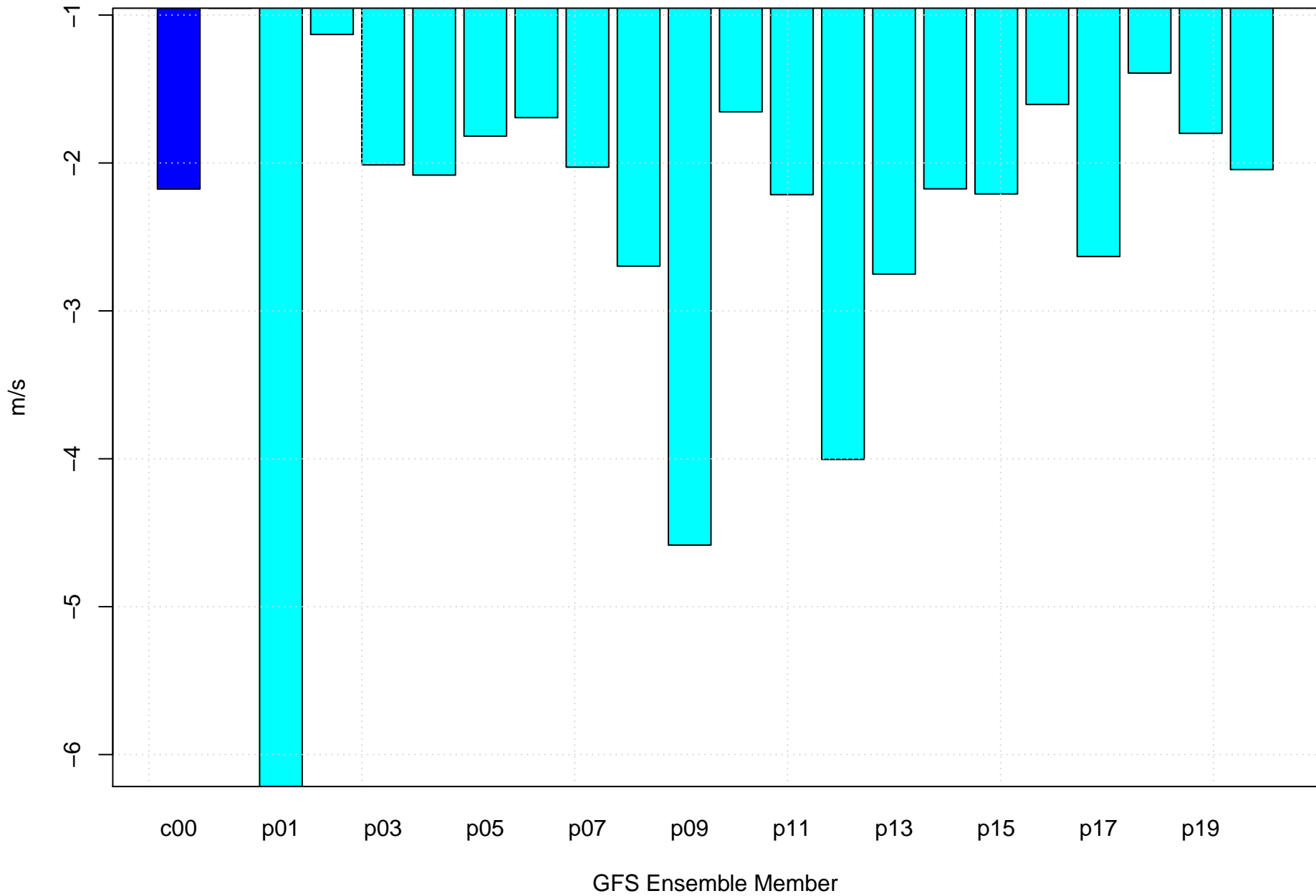
Mean vector surface wind error KPNS



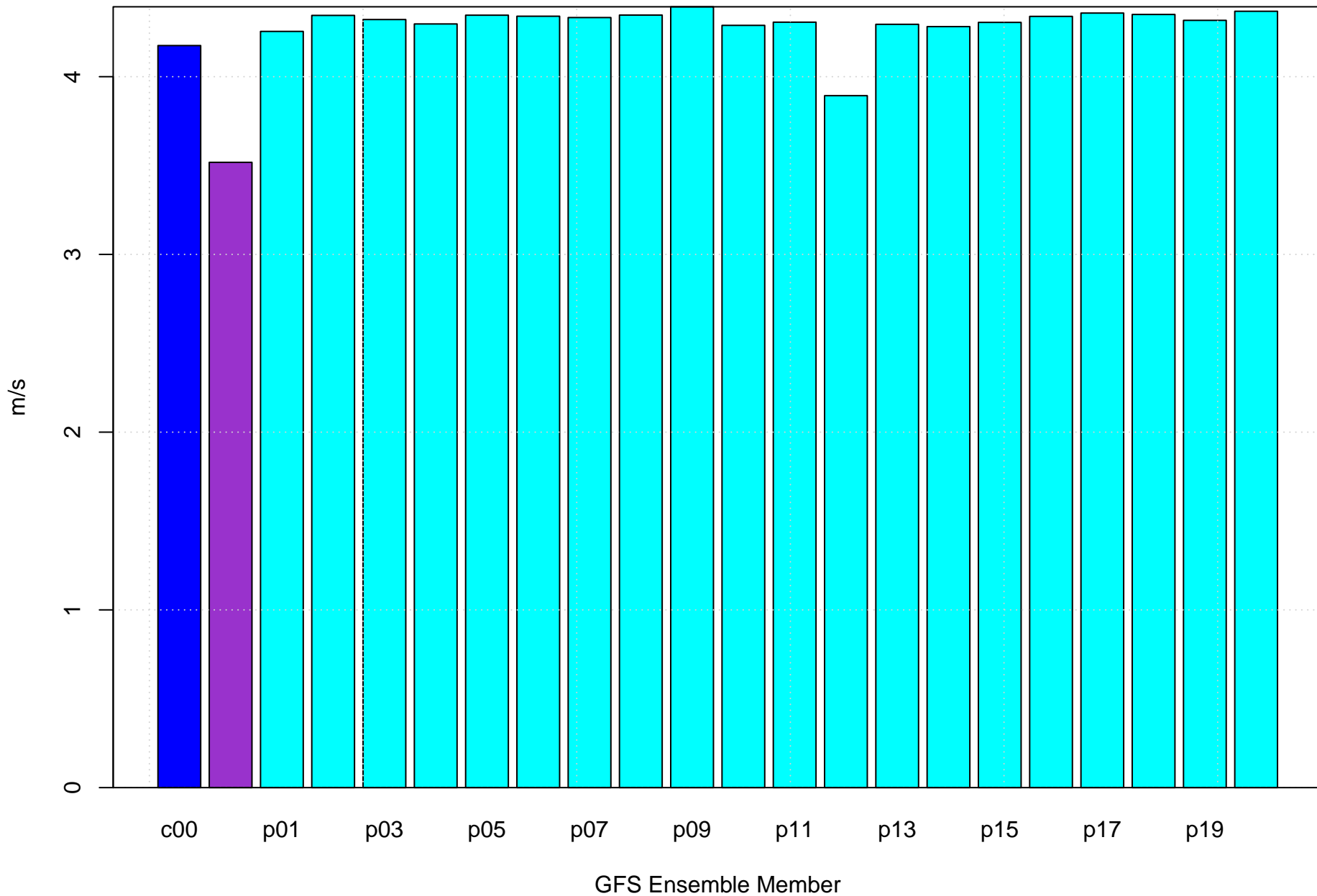
Surface wind speed bias KPNS



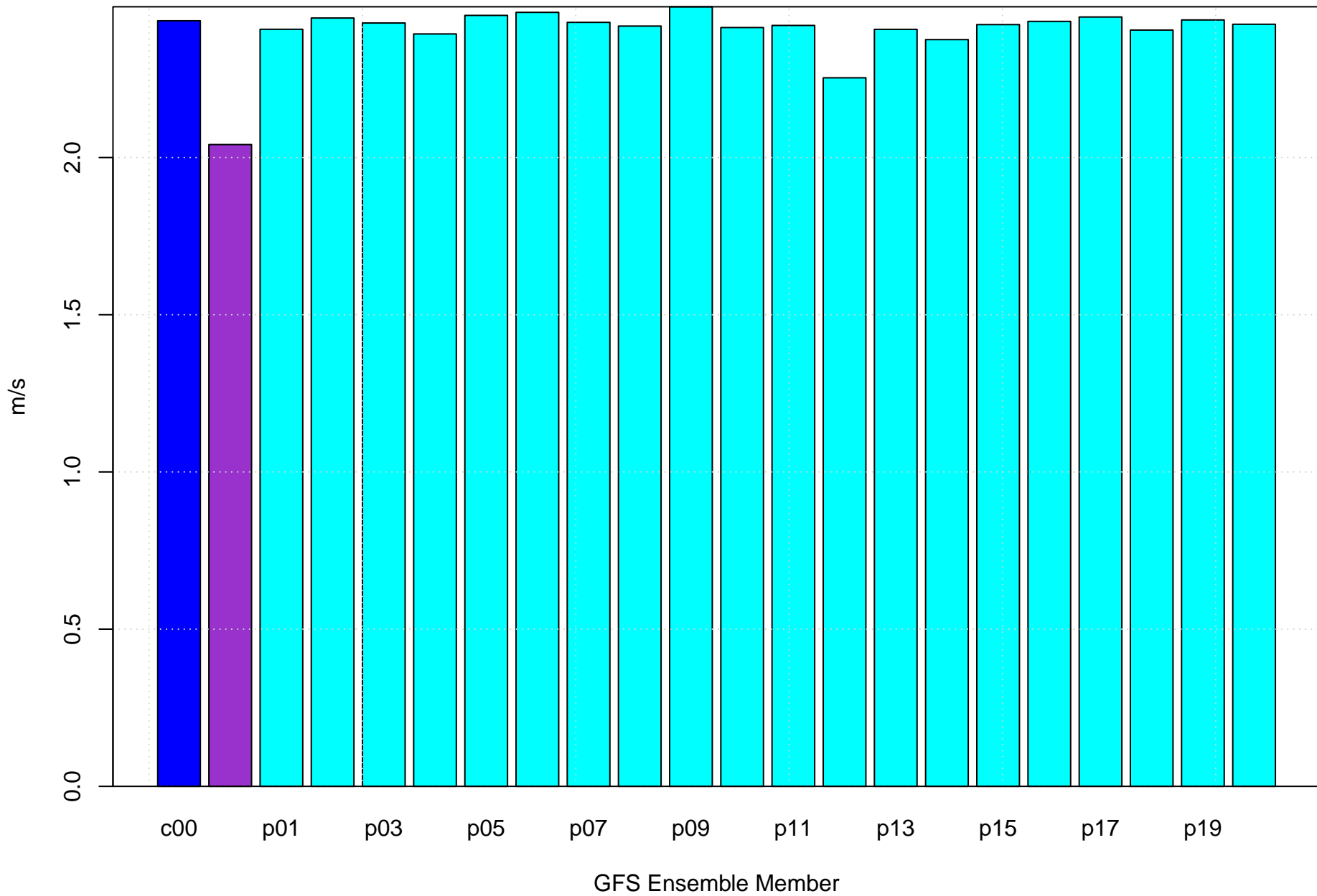
Surface direction bias KPNS



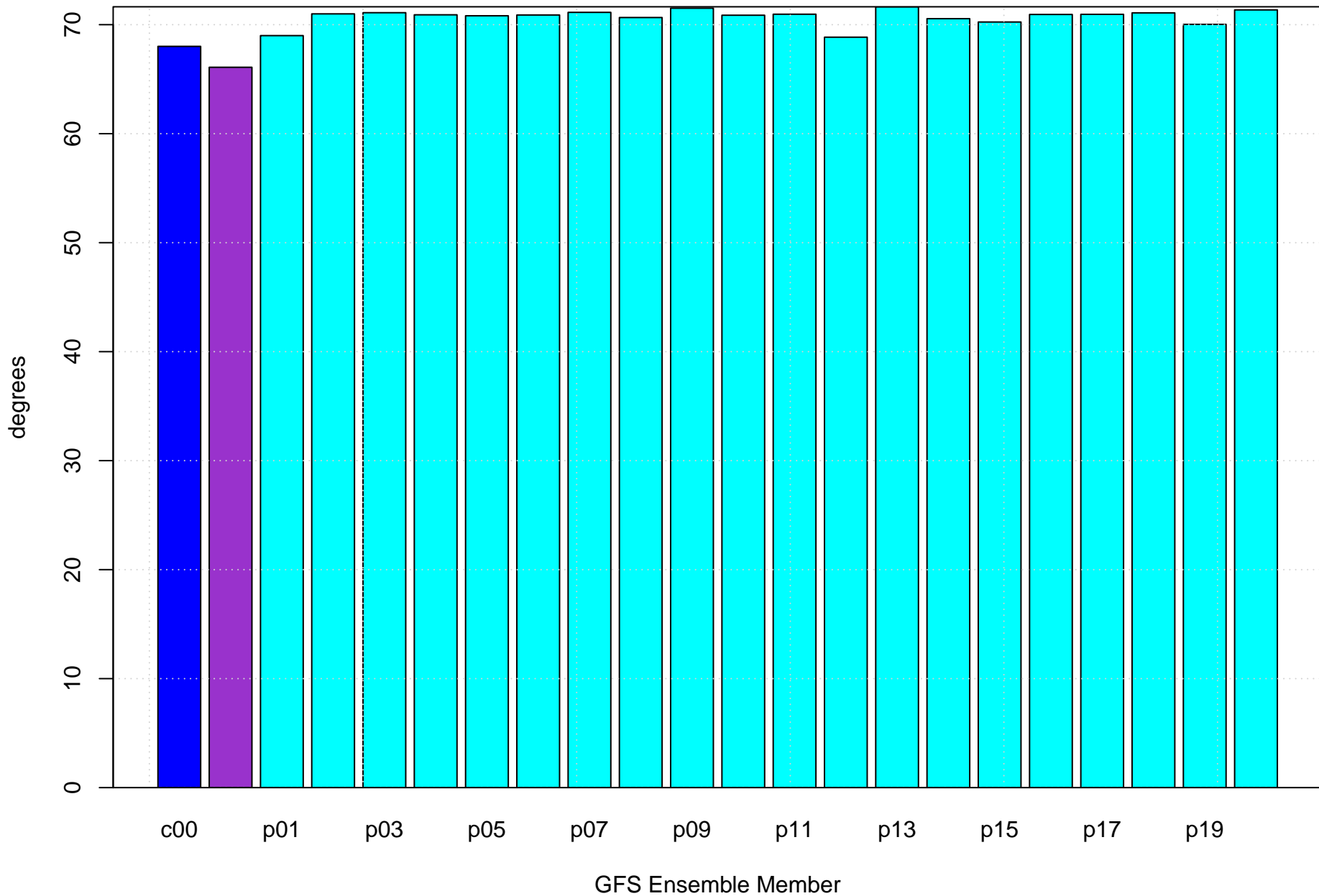
Surface vector wind vector RMSE KPNS



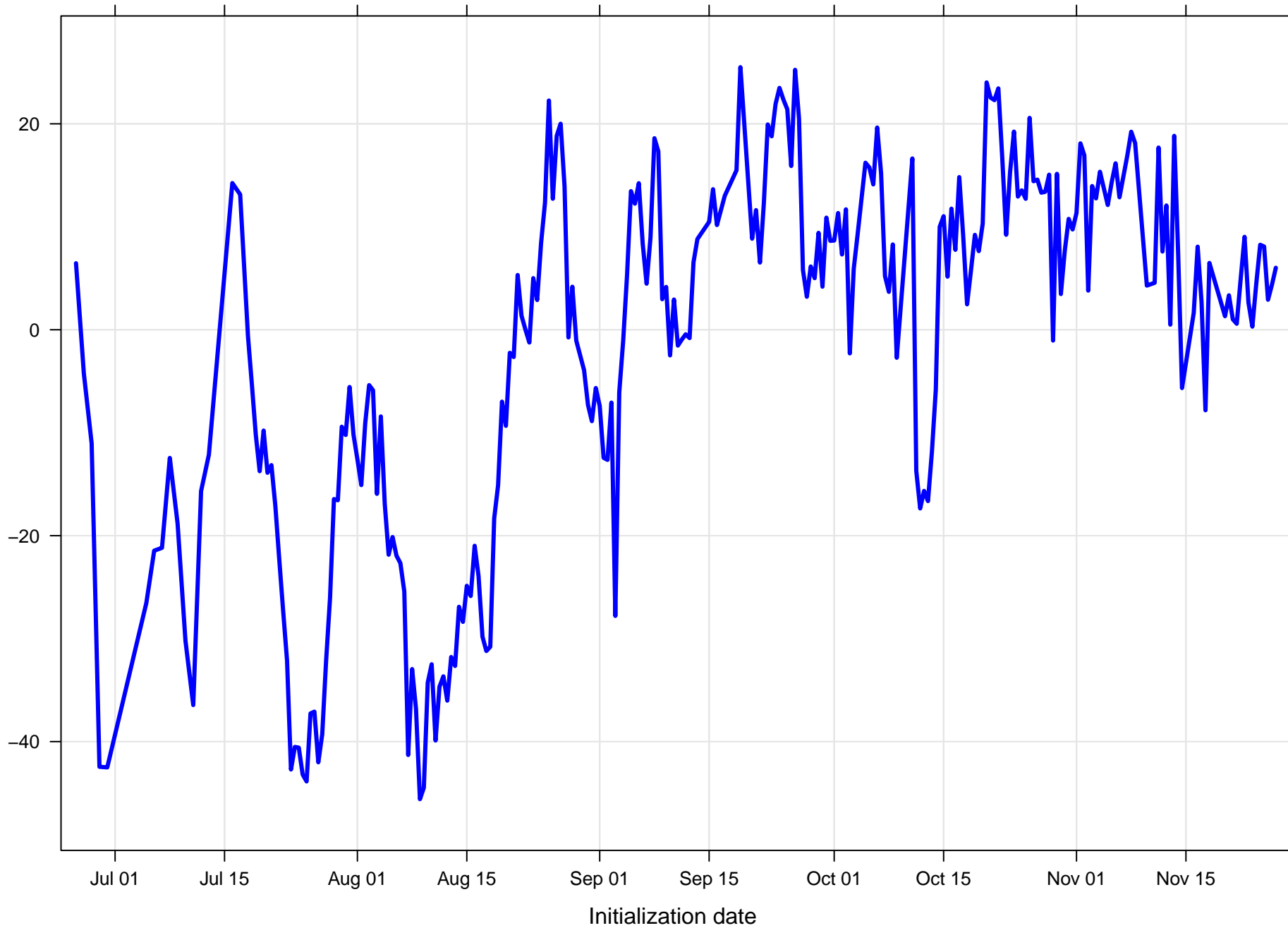
Surface wind speed RMSE KPNS



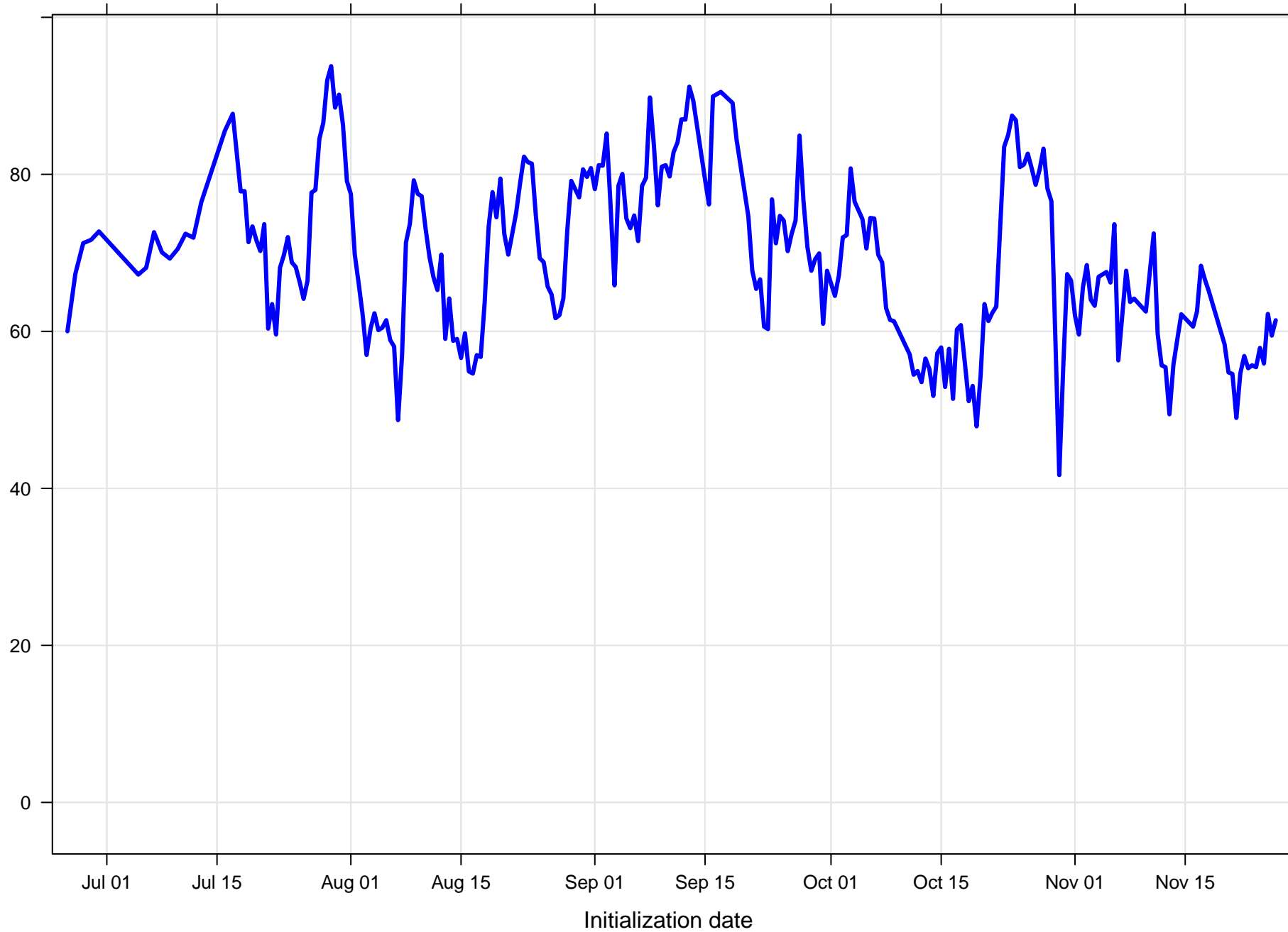
Surface direction RMSE KPNS



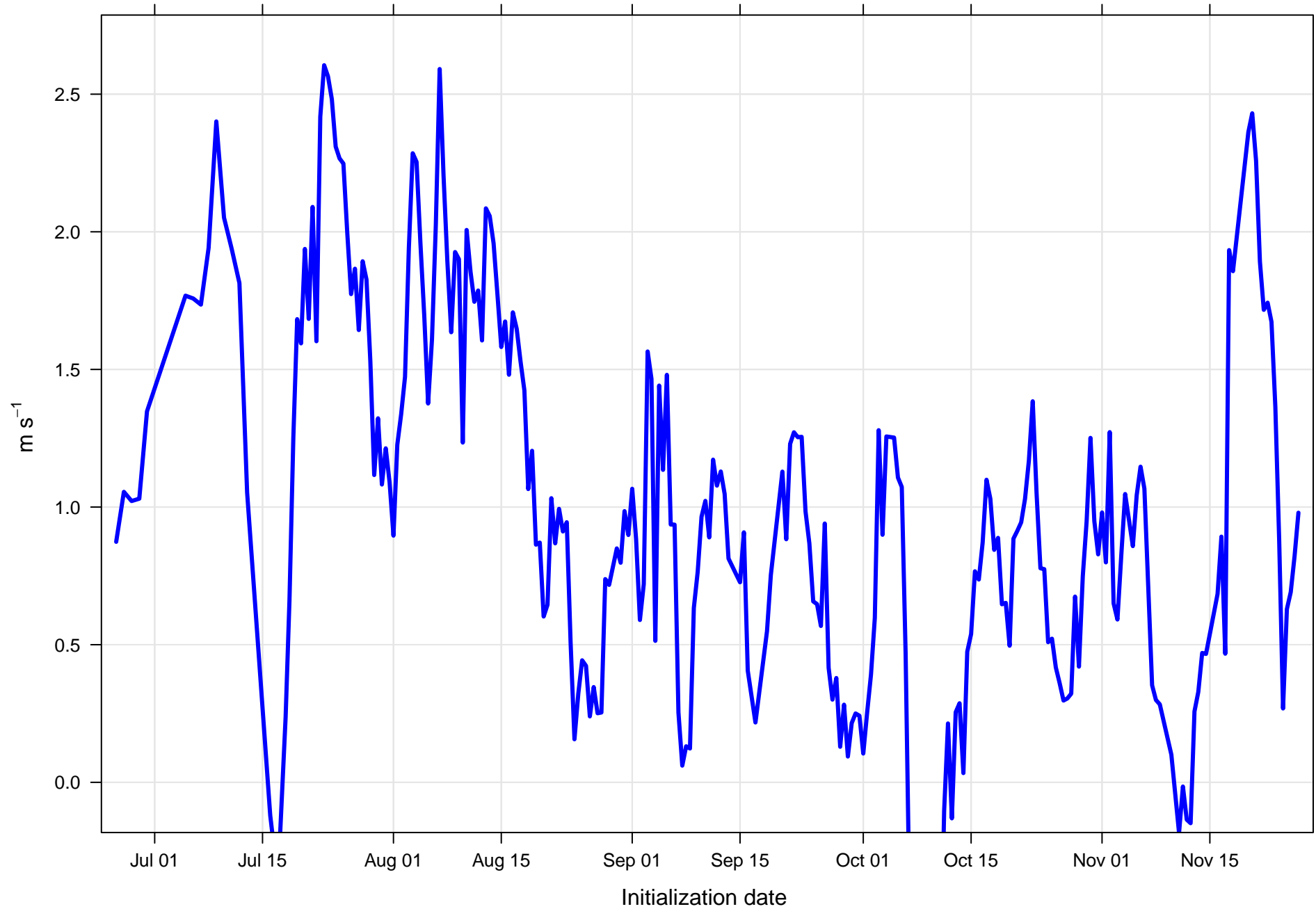
Surface wind direction bias at KPNS all forecast hours and members



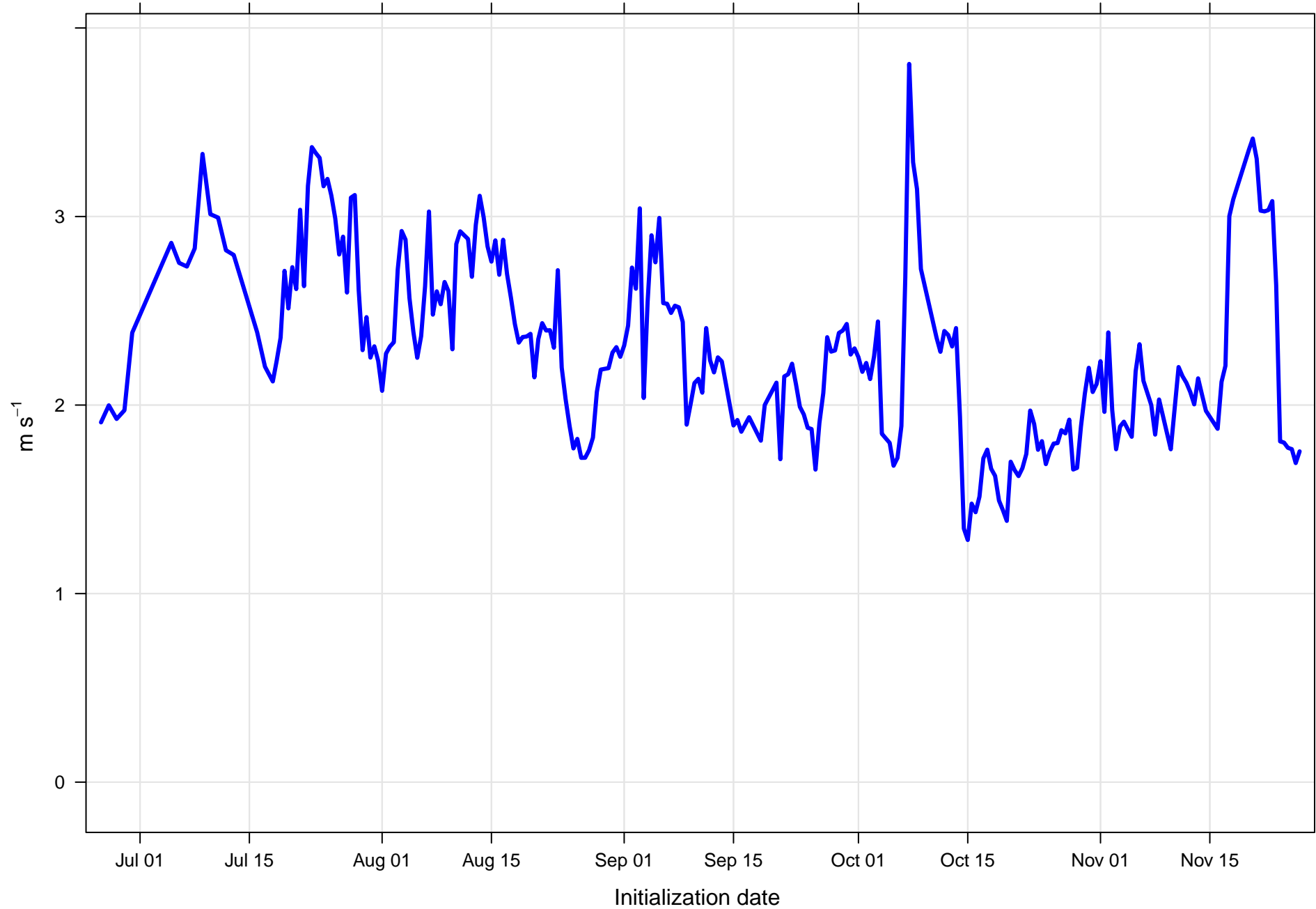
Surface wind direction RMSE at KPNS all forecast hours and members



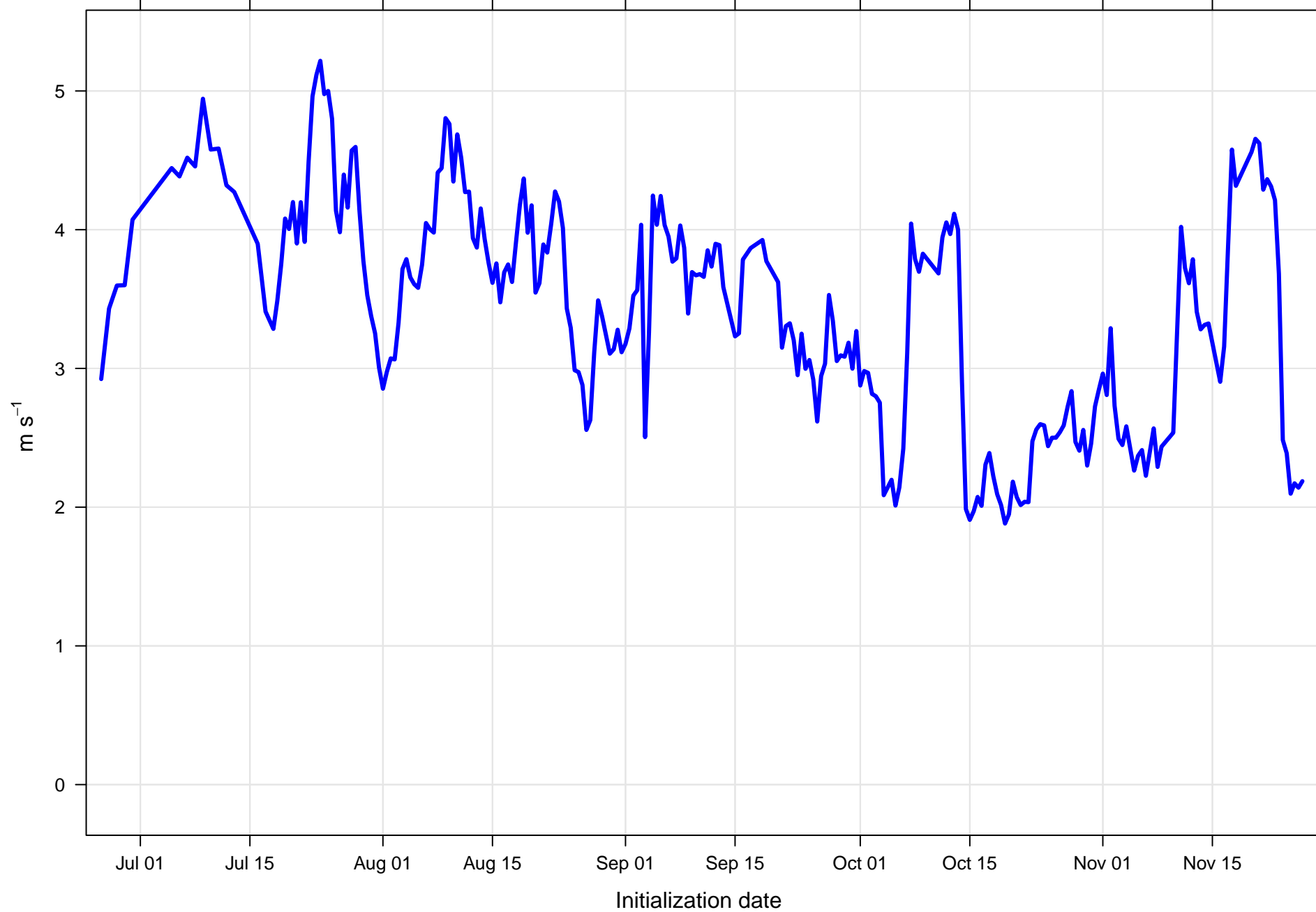
Surface wind speed bias at KPNS all forecast hours and members



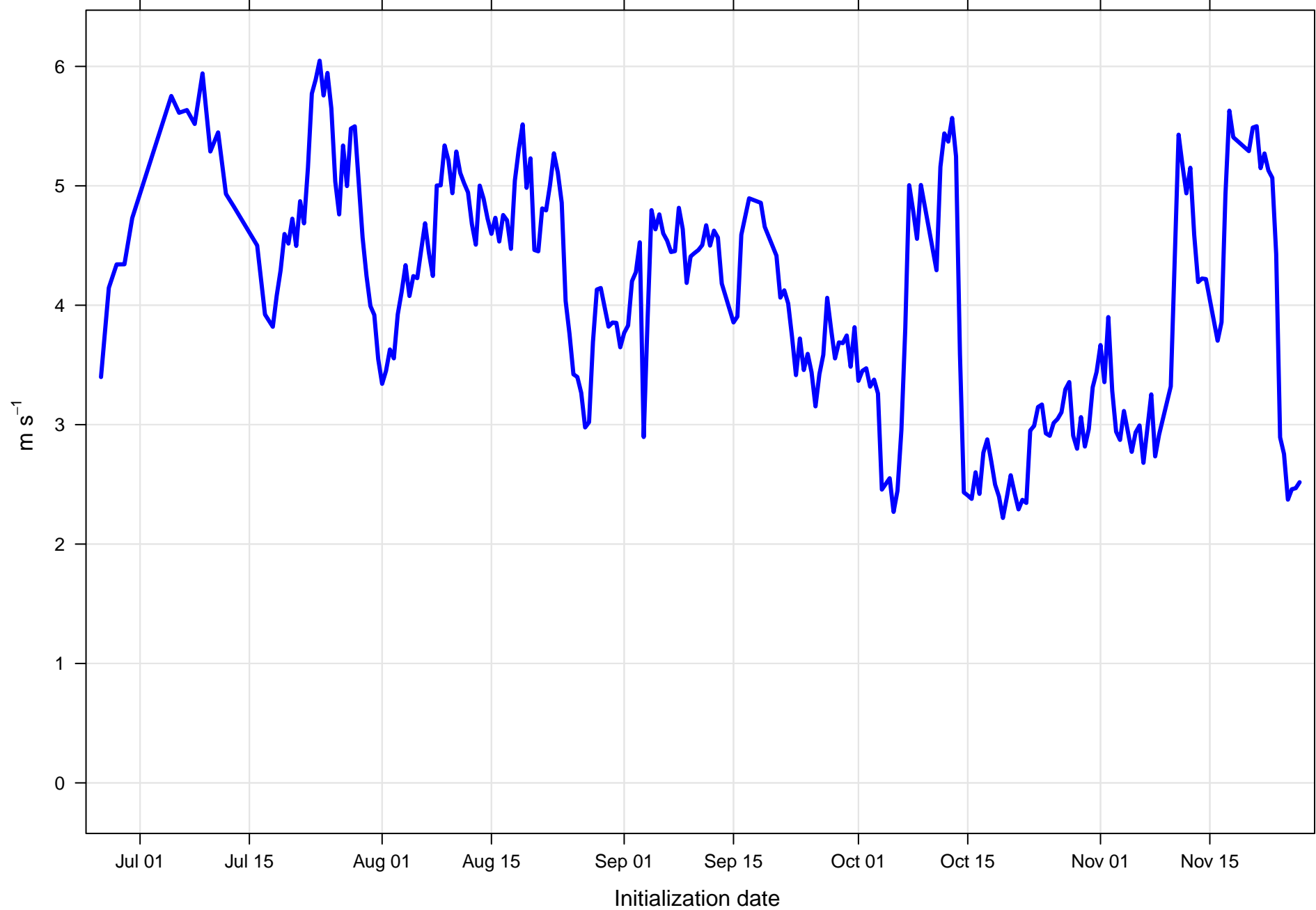
Surface wind speed RMSE at KPNS all forecast hours and members



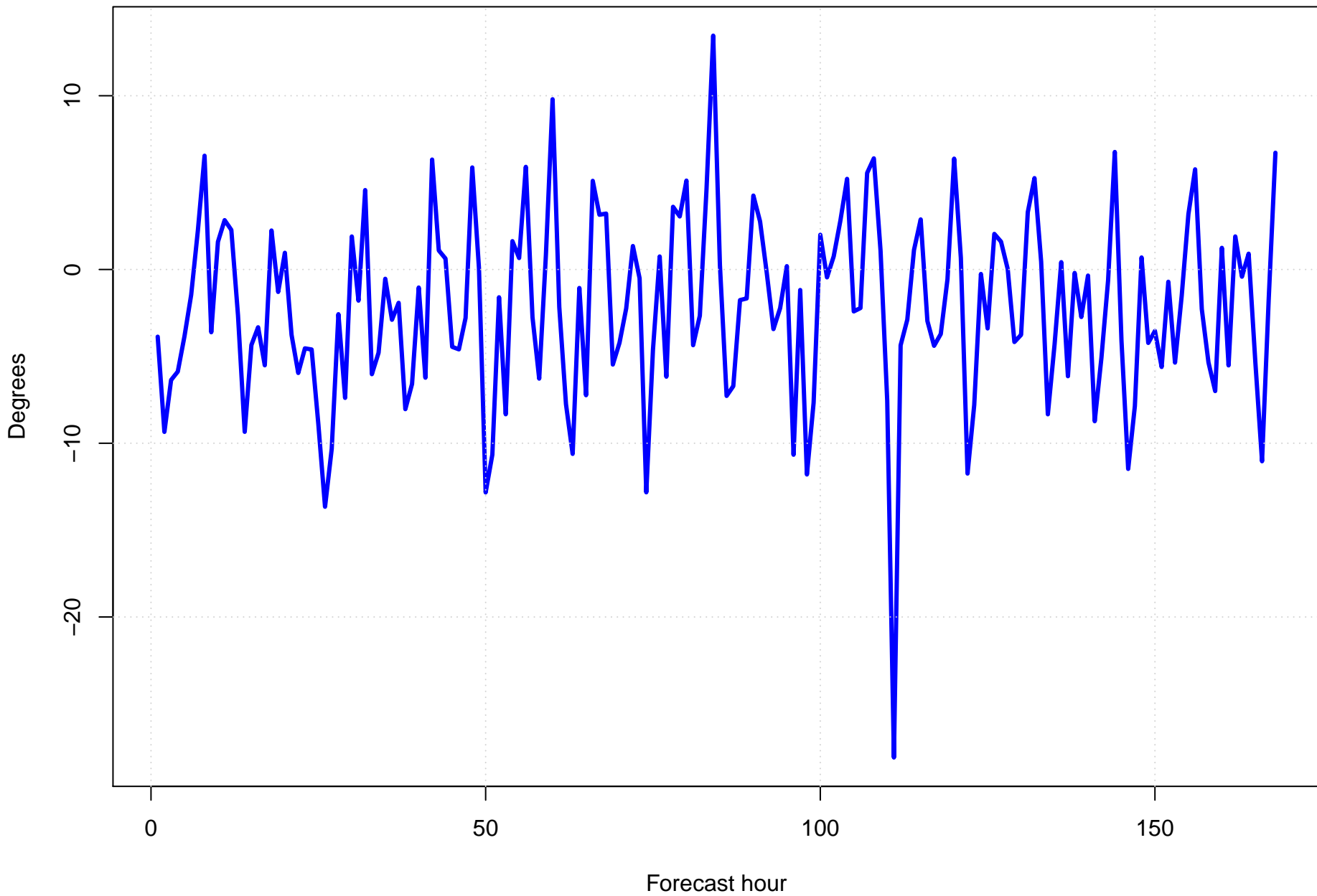
Surface vector wind mean error KPNS all forecast hours and members



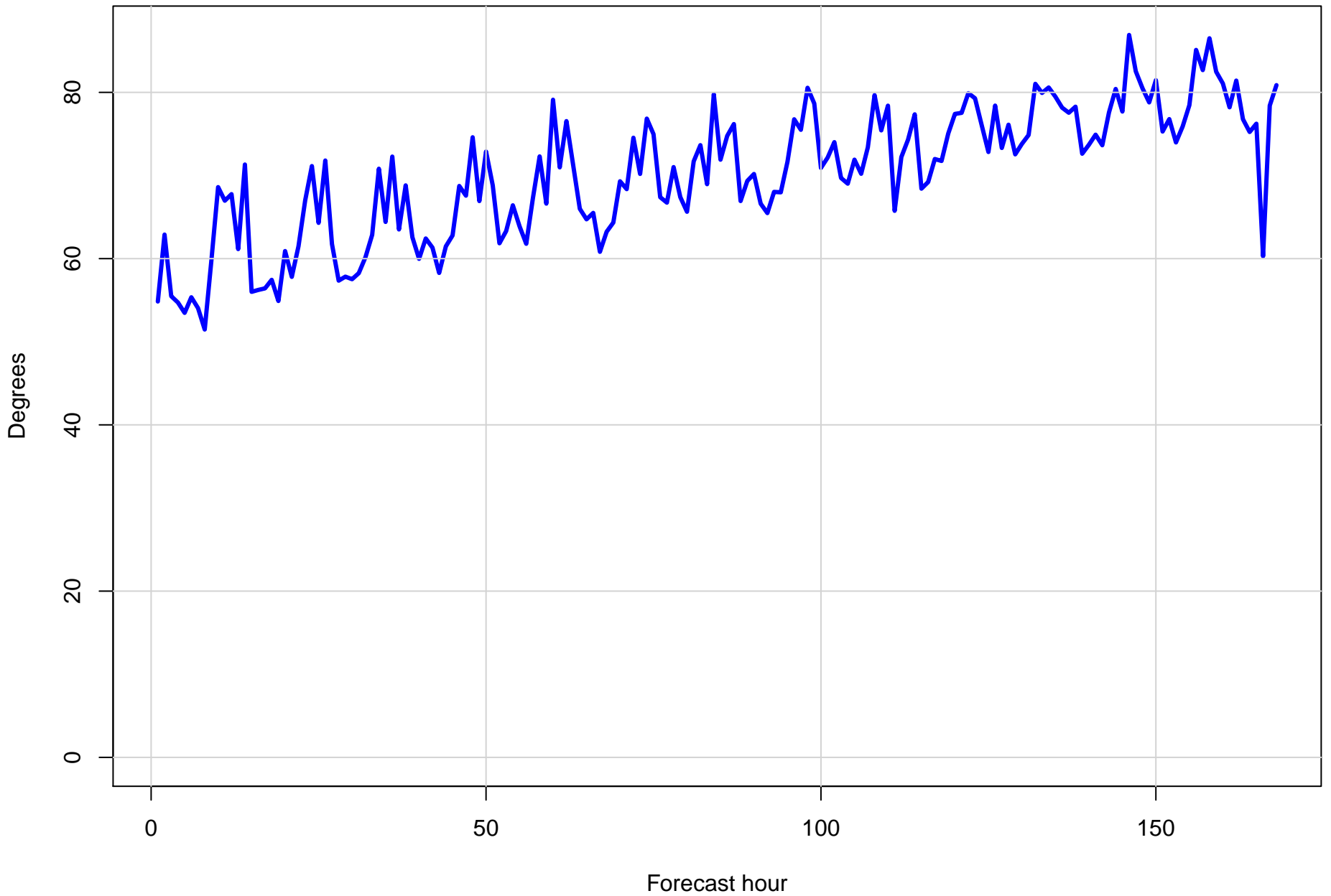
Surface vector wind RMSE at KPNS all forecast hours and members



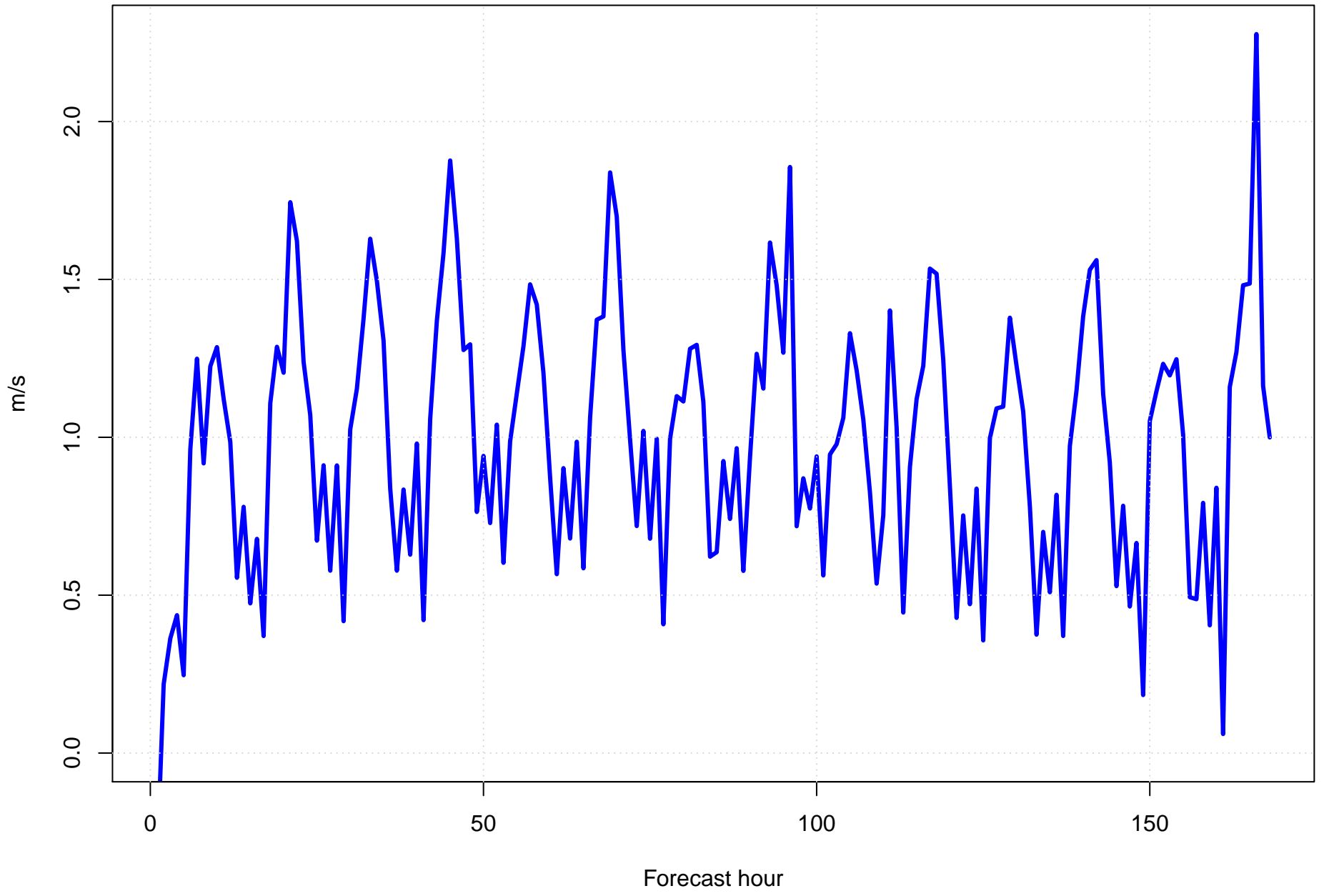
Surface wind direction bias at KPNS by forecast hour



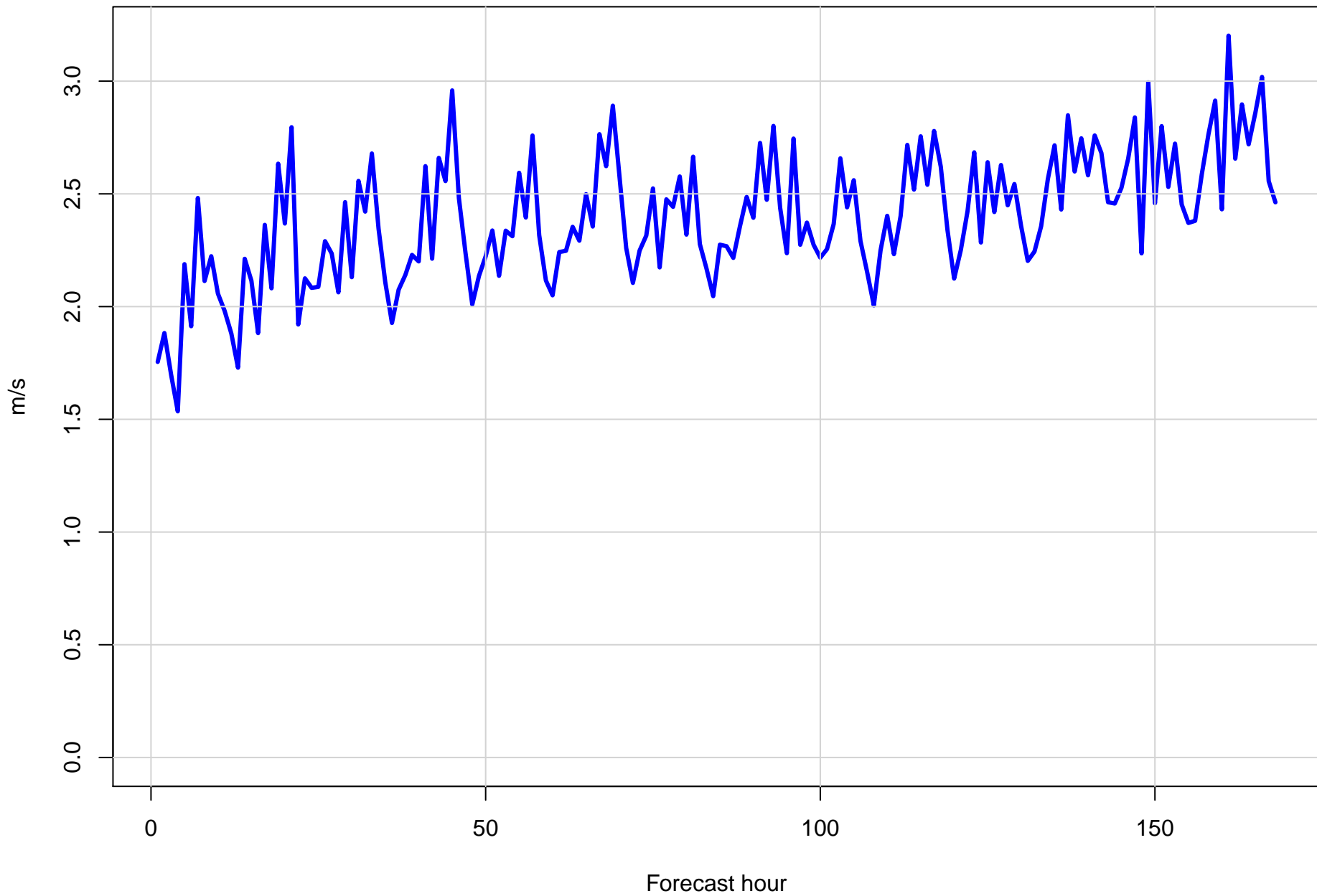
Surface wind direction RMSE at KPNS by forecast hour



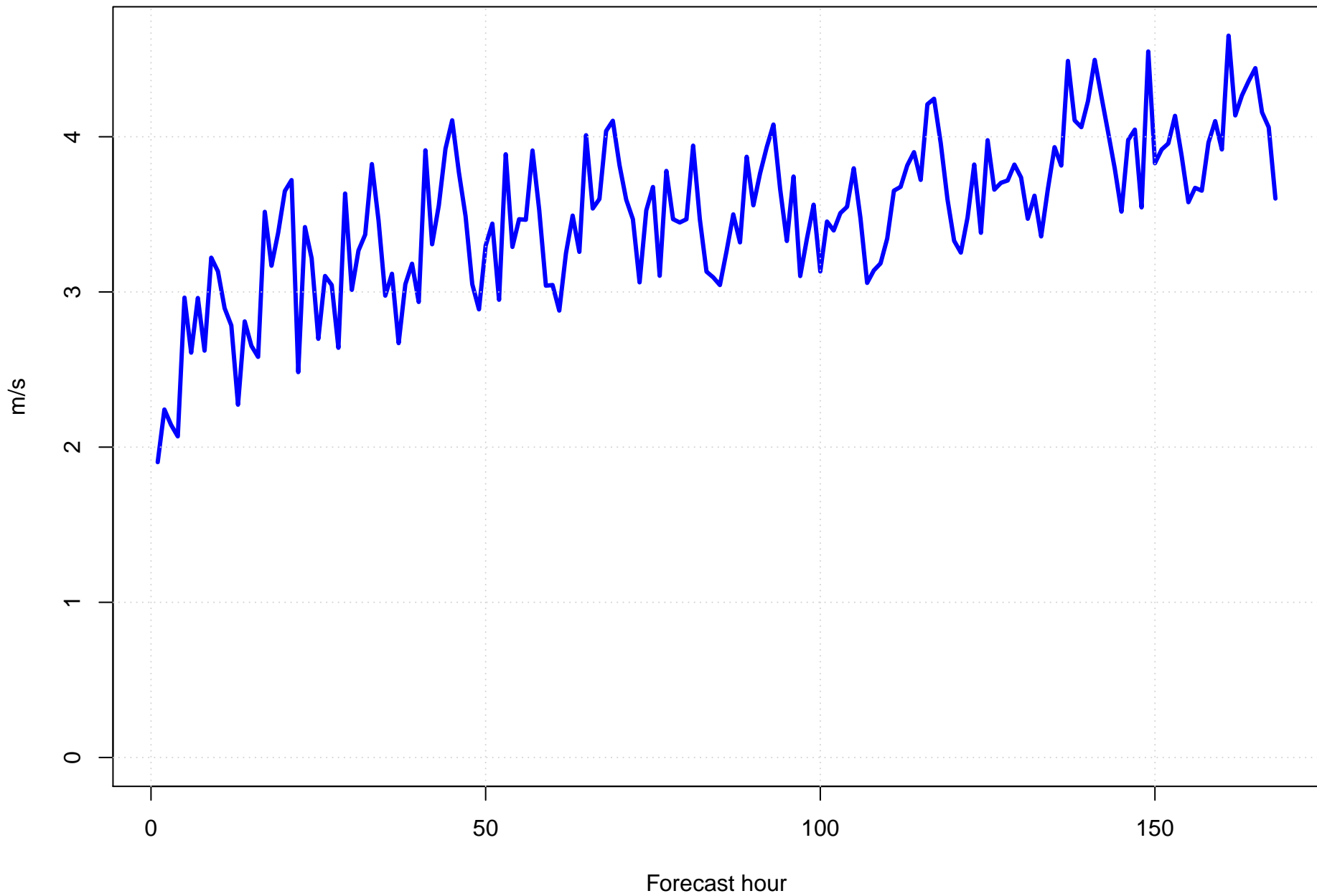
Surface wind speed bias at KPNS by forecast hour



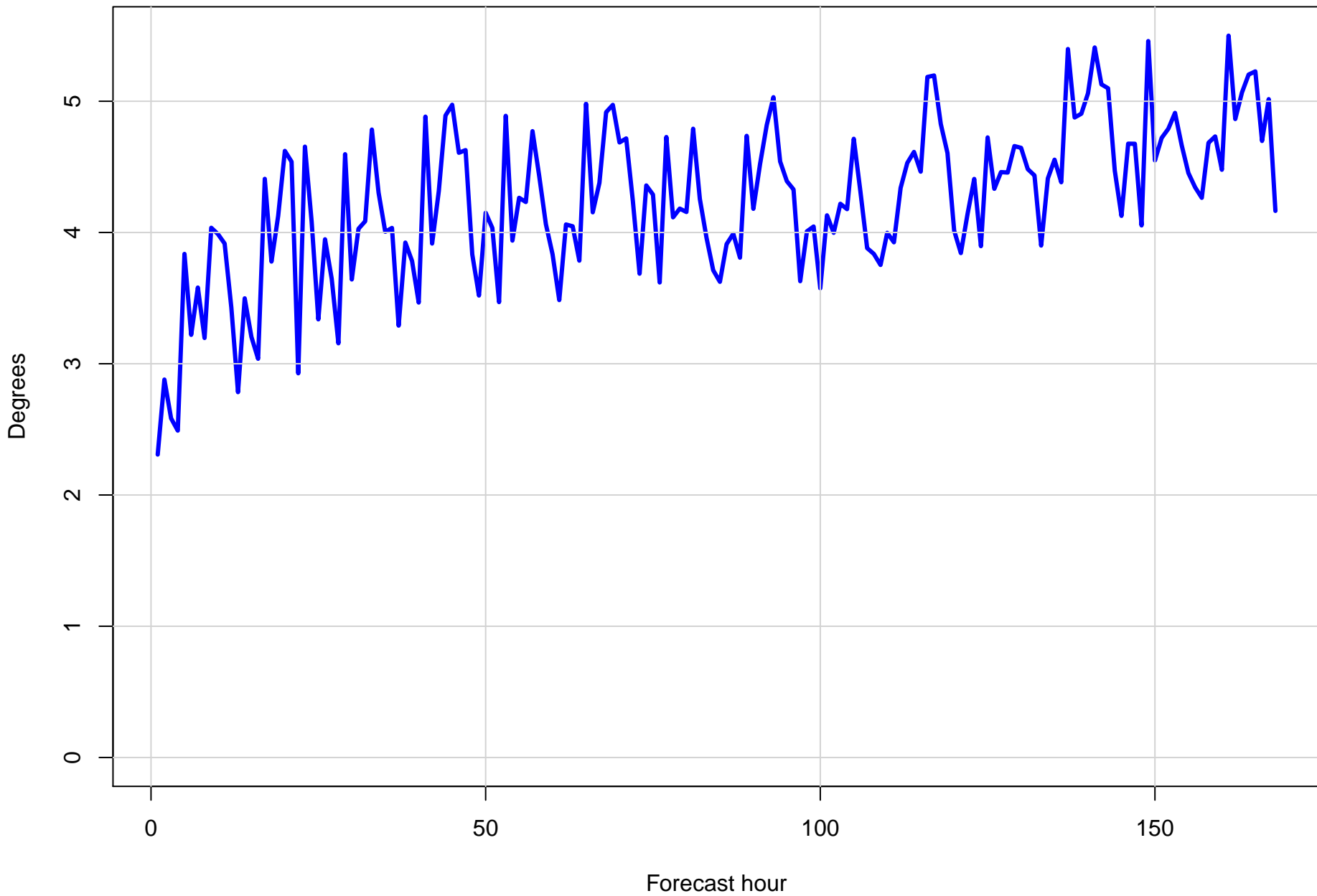
Surface wind speed RMSE at KPNS by forecast hour



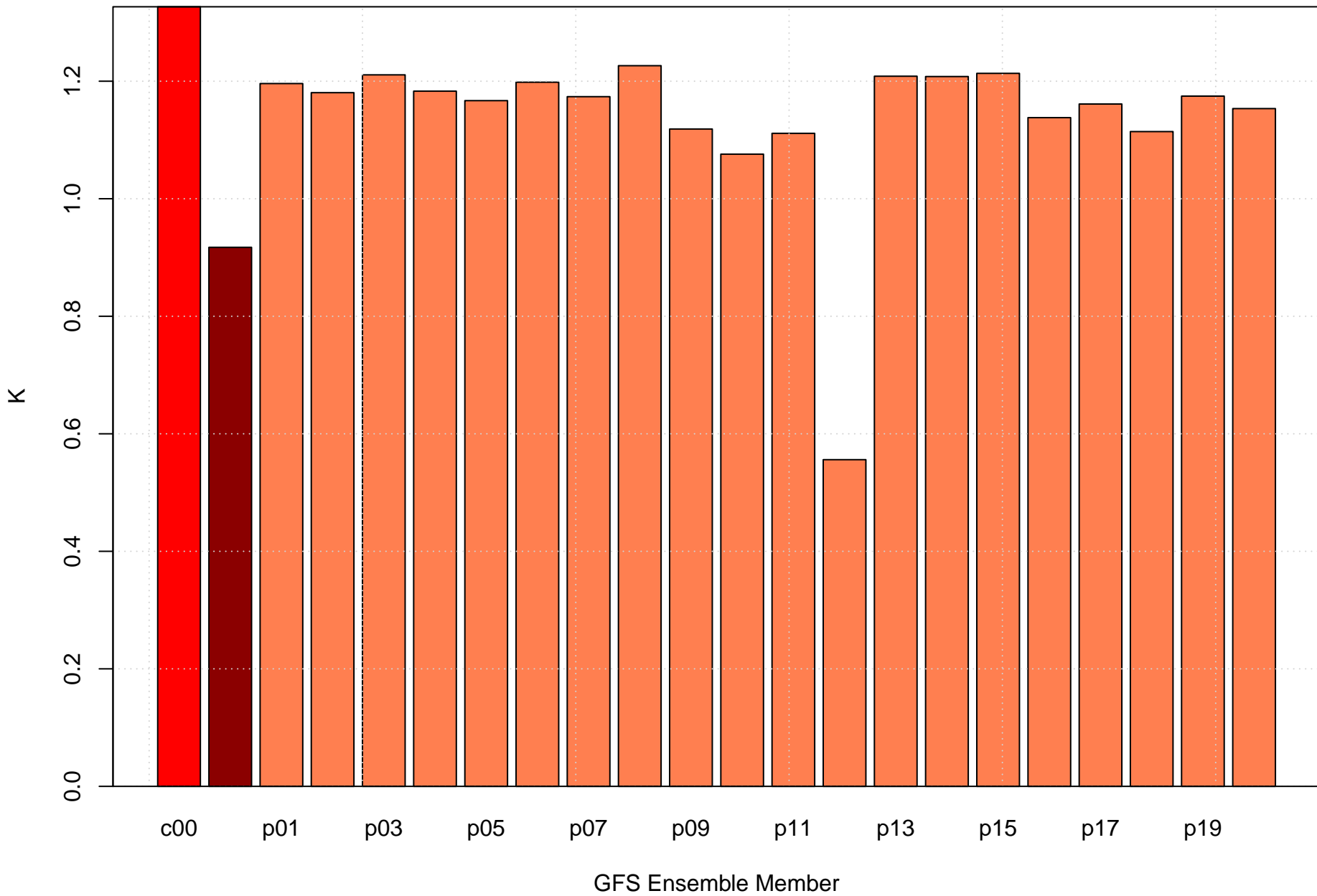
Surface vector wind error at KPNS by forecast hour



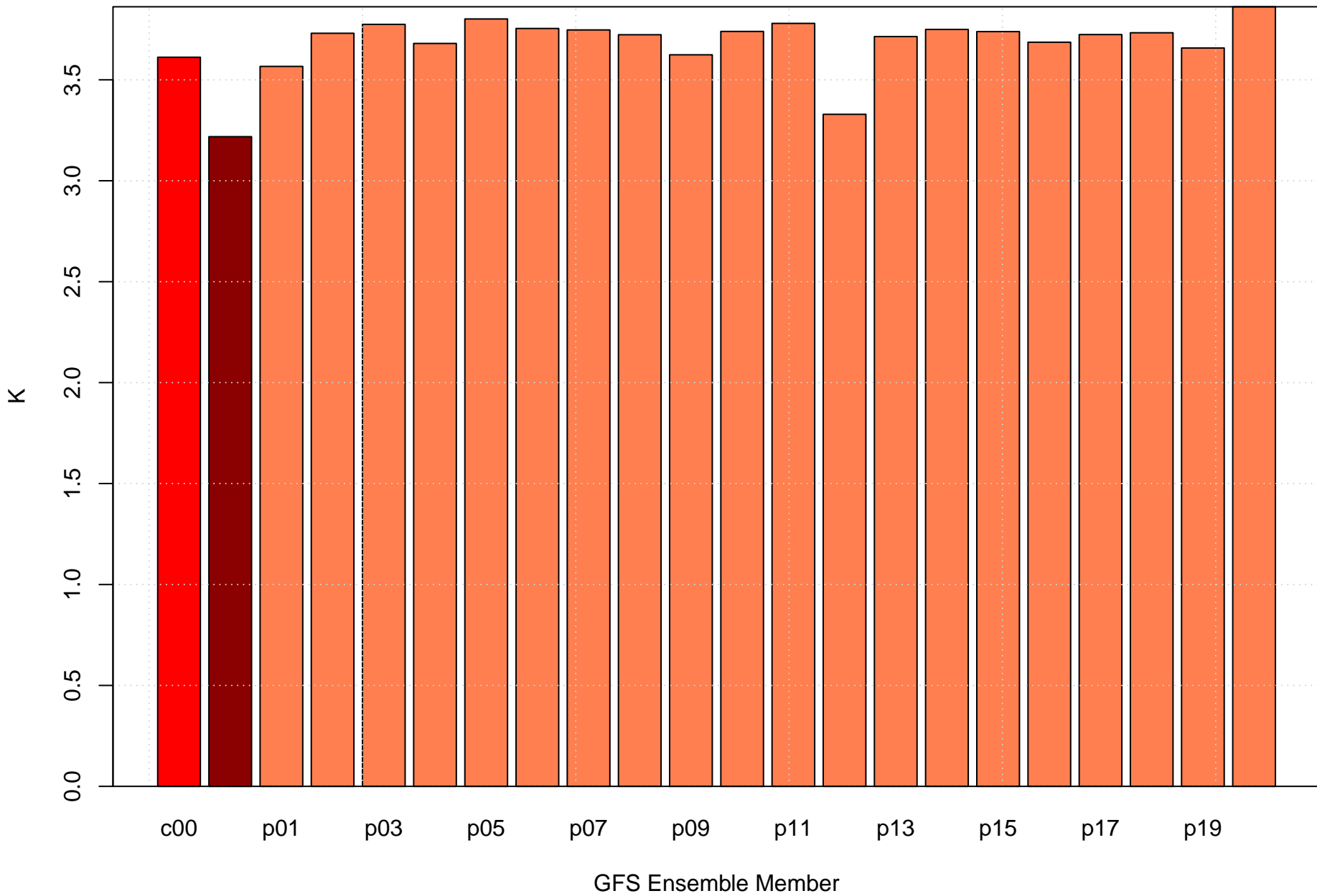
Surface vector wind RMSE at KPNS by forecast hour



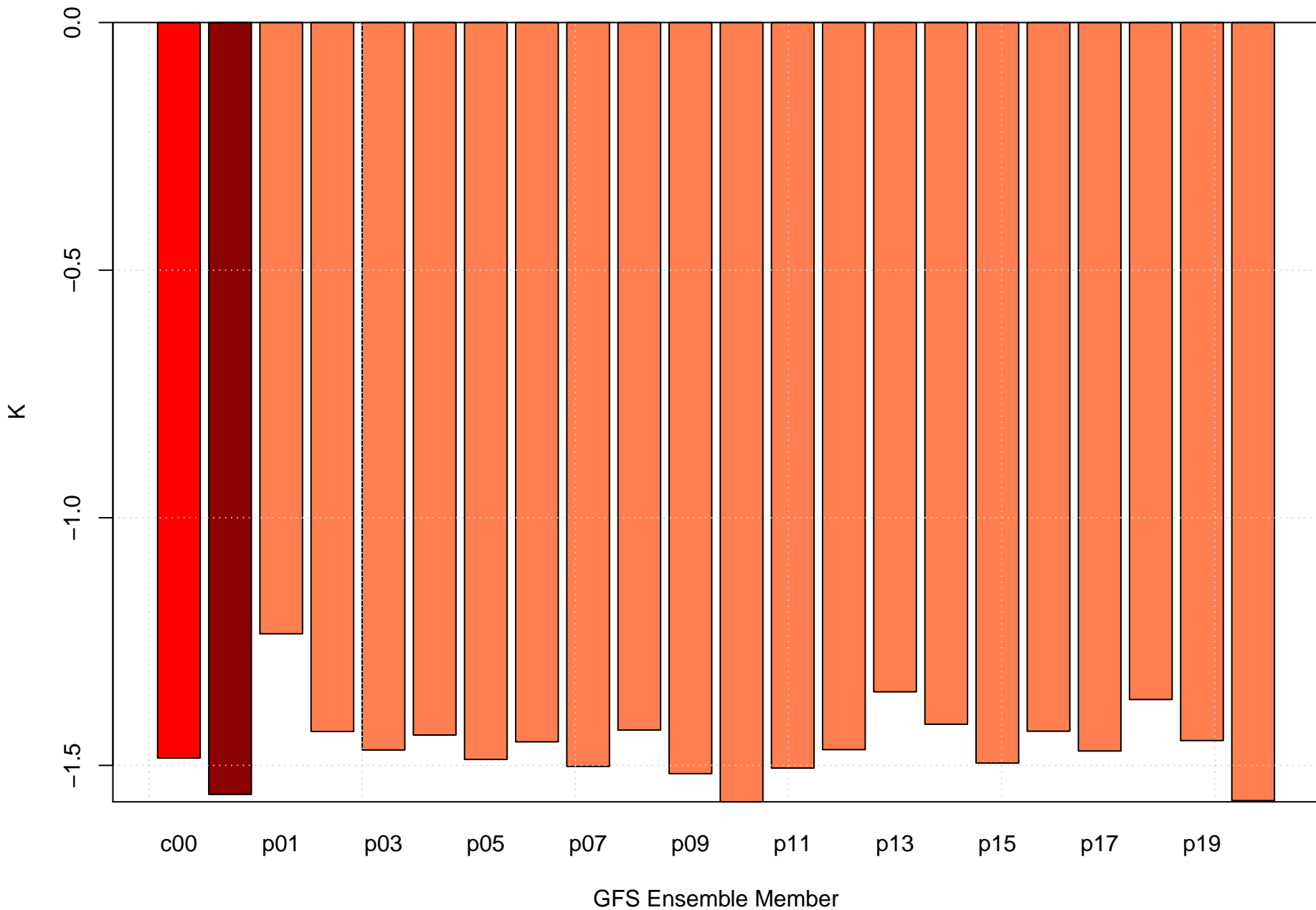
Surface temperature bias at KPNS



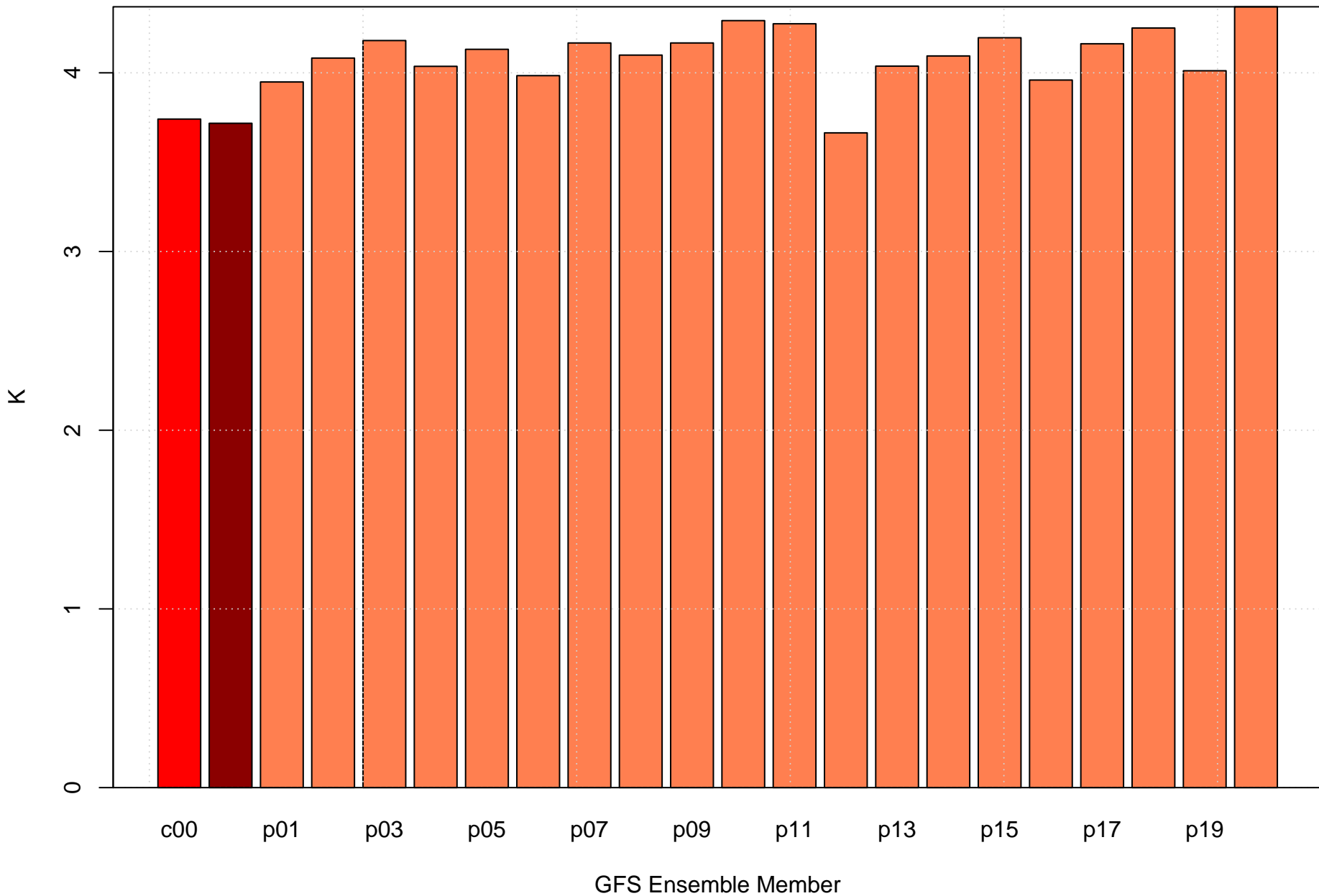
Surface temperature RMSE at KPNS



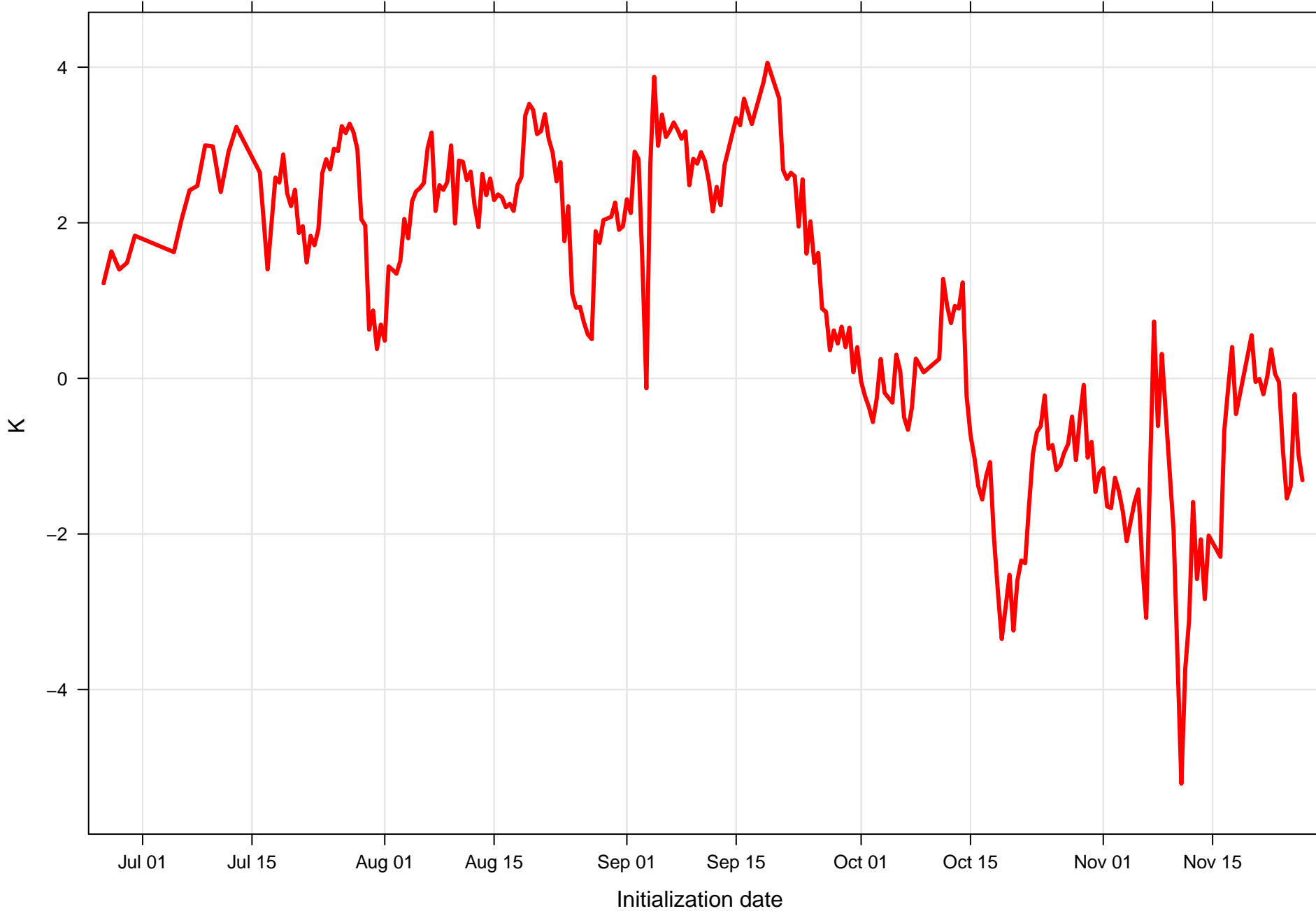
Surface dew point bias at KPNS



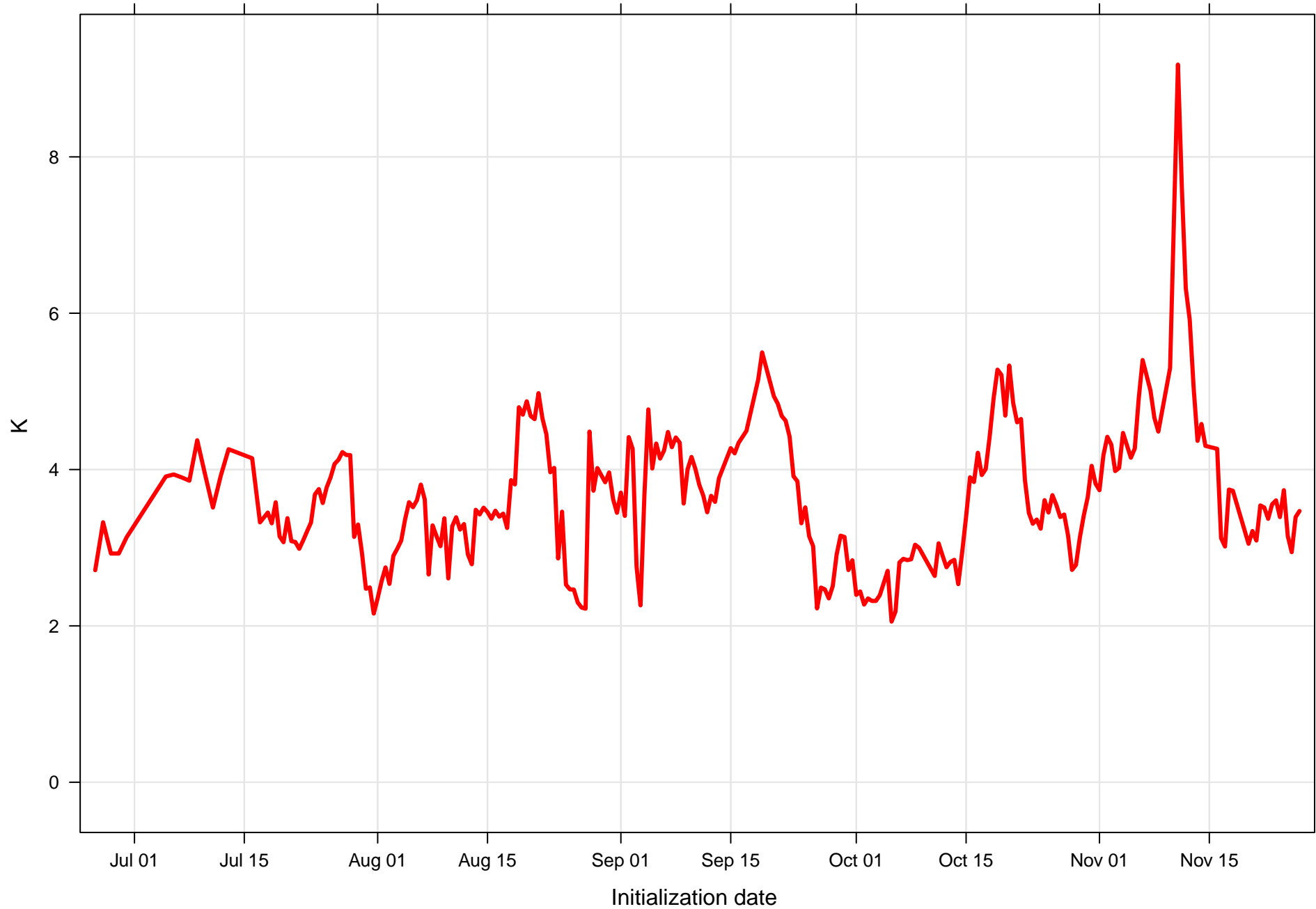
Surface dew point RMSE at KPNS



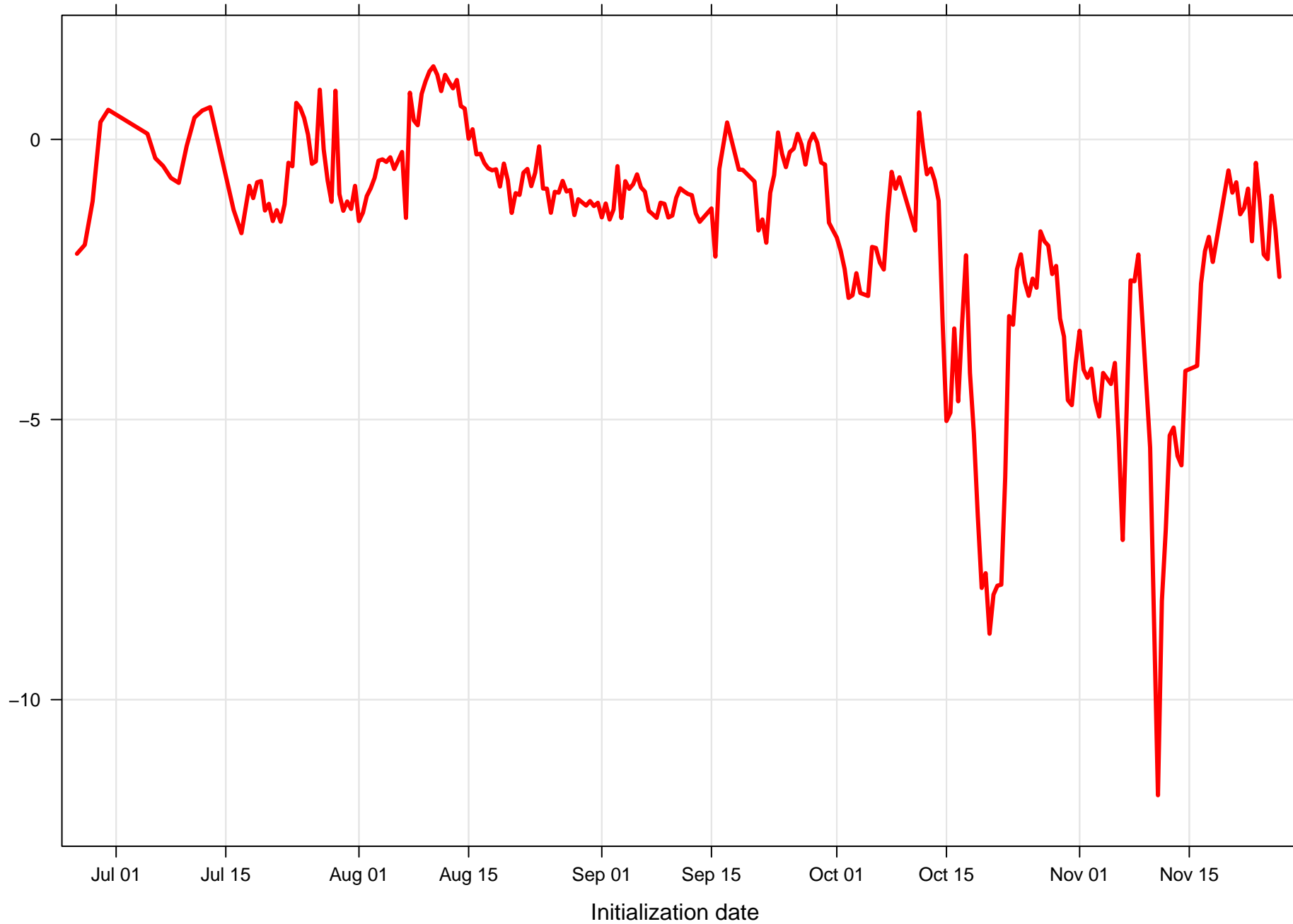
Surface temperature bias at KPNS all forecast hours and members



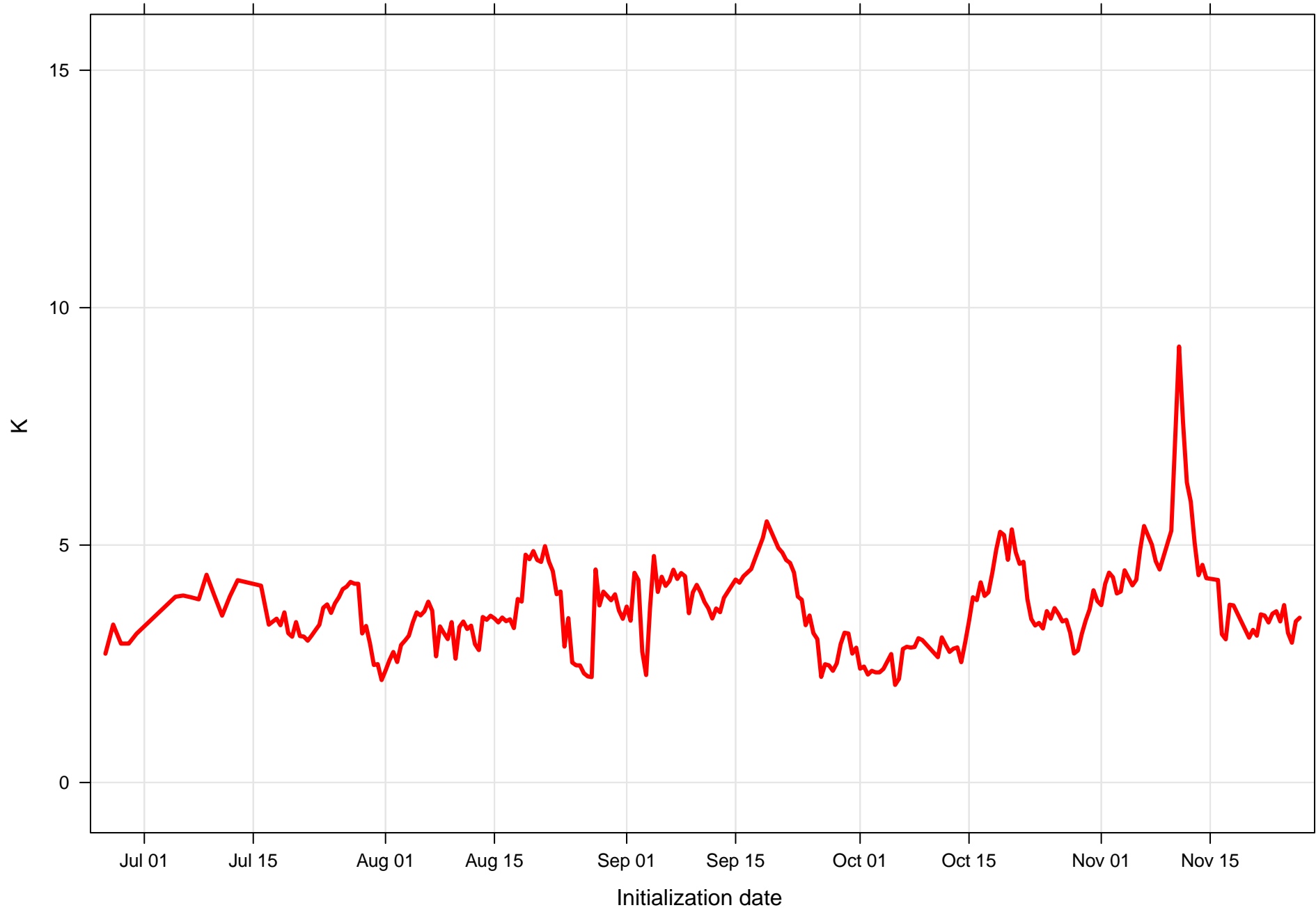
Surface temperature RMSE at KPNS all forecast hours and members



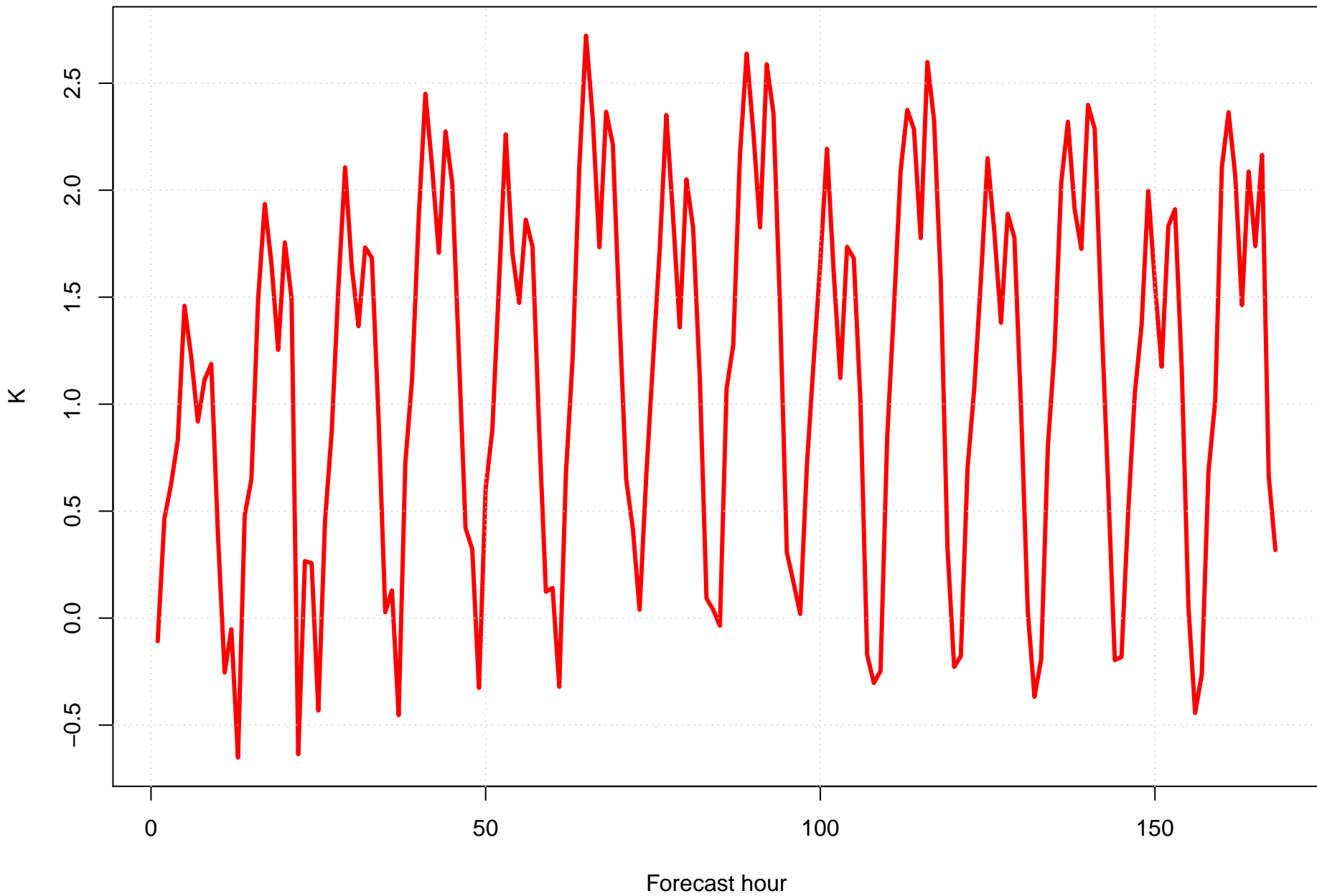
Surface dew point bias at KPNS all forecast hours and members



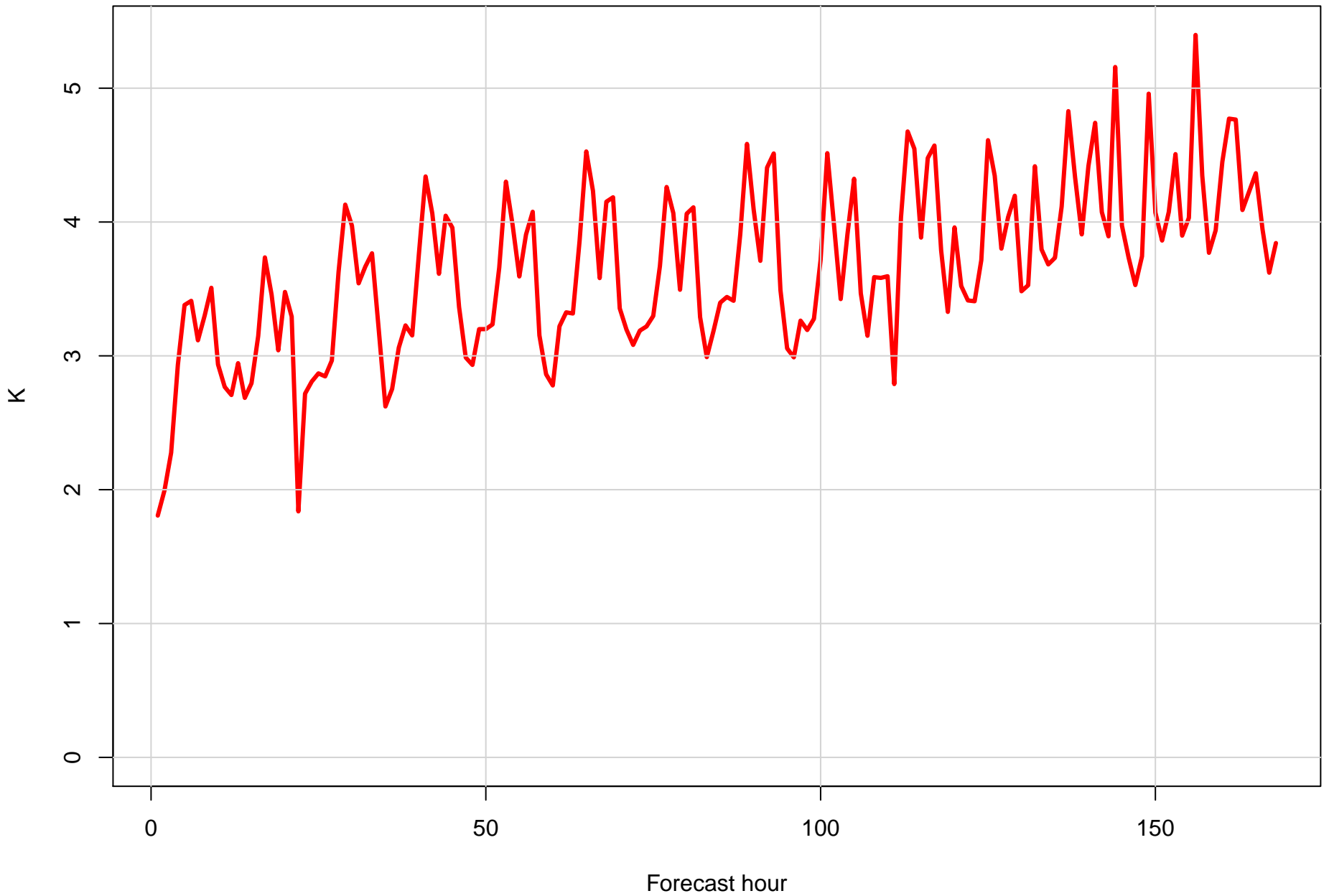
Surface dew point RMSE at KPNS all forecast hours and members



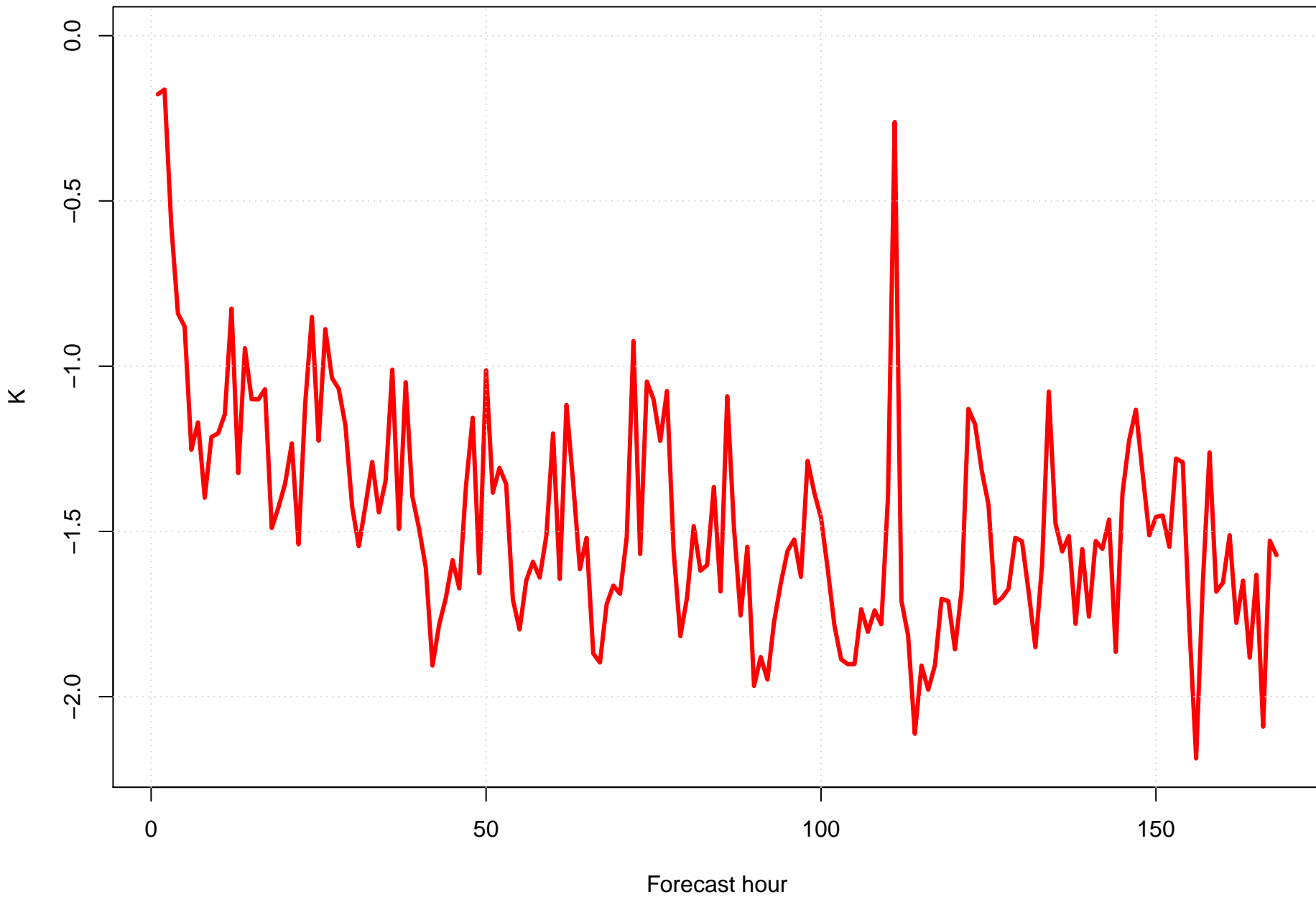
Surface temperature bias at KPNS by forecast hour



Surface temperature RMSE at KPNS by forecast hour



Surface dew point bias at KPNS by forecast hour



Surface dew point RMSE at KPNS by forecast hour

