Ward 2010 Meta Respiration OLS -10 5 10 -10 0 10 -5 0 5 BK OLS 5 10 0 OLS -100 -105 10 -5 BK Kalman -10) 5 MLE 5 -10-5 0 10 0 10 BK Ó Bayes -10-5 0 5 10 -10 5 10 0 BK MLE 10 -100 5 -100 5 10 OLS Kalman

Ward 2010 Meta **Gross Primary Production** 10 -100 20 0 5 10 15 OLS BK -100 10 20 -5 5 10 0 15 BK OLS -100 10 20 -5 0 MLE BK 20 -100 10 0 BK MLE -5 0 10 15 -5 10 0 OLS Kalman

Ward 2010 Meta **Net Ecosystem Production** BK OLS OLS BK Kalman 0 2 MLE BK) 2 BK 0 2 MLE OLS Kalman