PM4: Gompertz Out-of-Sample Prediction Silver Creek, UT Medina River, TX 20 15 10 5 Jan 2016 Apr 2016 Jul 2016 Oct 2016 Jan 2011 Apr 2017 Jan 2012 Jan 2017 Jul 2017 Oct 2011 Anacostia River, MD West Fork River, WV $O_2 m^{-2} d^{-1}$ 20 15 10 GPP (g 5 Jan 2015 Apr 2015 Jan 2013 Apr 2013 Oct 2013 Jan 2014 Jul 2015 Oct 2015 Jan 2016 Jul 2013 St. John's River, FL Clackamas River, OR 20 15 10 5

Jan 2013

Apr 2013

Jan 2015

Jan 2014

Apr 2014

Jul 2014

Oct 2014

Jul 2013

Oct 2013

Jan 2014