FIPS 6037 cases ~ bs(date, 4) + dayofweek cases ~ bs(date, 4) + dayofweek cases\$fitted.values 5000 fit.cases\$fitted.values 7500 -5000 -2500 cases -2500 -2500 **-**

100

date

50

-2500 **-**

200

50

100

date

150

-2500 **-**

200

50

100

date

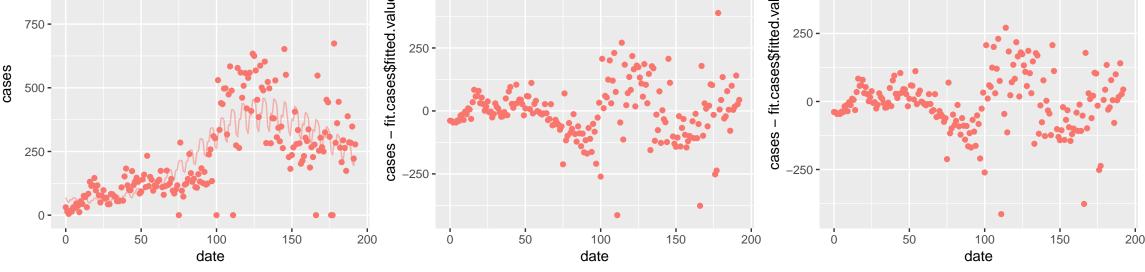
150

200

150

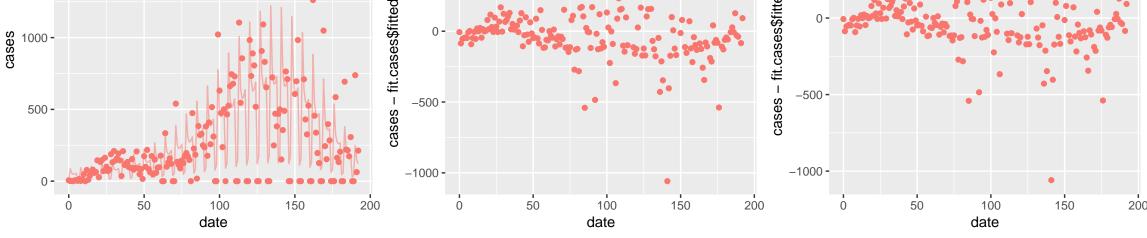
cases ~ bs(date, 4) + dayofweek cases ~ bs(date, 4) + dayofweek 1000 -500 it.cases\$fitted.values 750 **-**250 **-**250 **-**-250 **-**

FIPS 6073



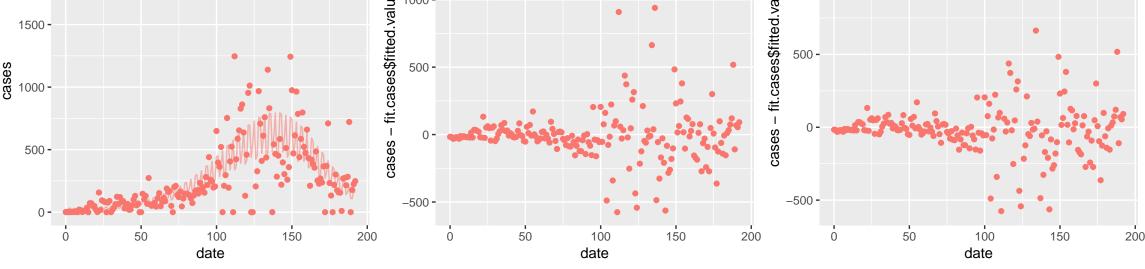
FIPS 6059 cases ~ bs(date, 4) + dayofweek cases ~ bs(date, 4) + dayofweek 500 -1000 -500 --500 **-**-500 **-**150 150 50 50 50 100 200 100 150 200 100 200 date date date

FIPS 6065 cases ~ bs(date, 4) + dayofweek cases ~ bs(date, 4) + dayofweek 500 fit.cases\$fitted.values fit.cases\$fitted.values 500 -1500 cases 1000 --500 **-**-500 **-**500 -



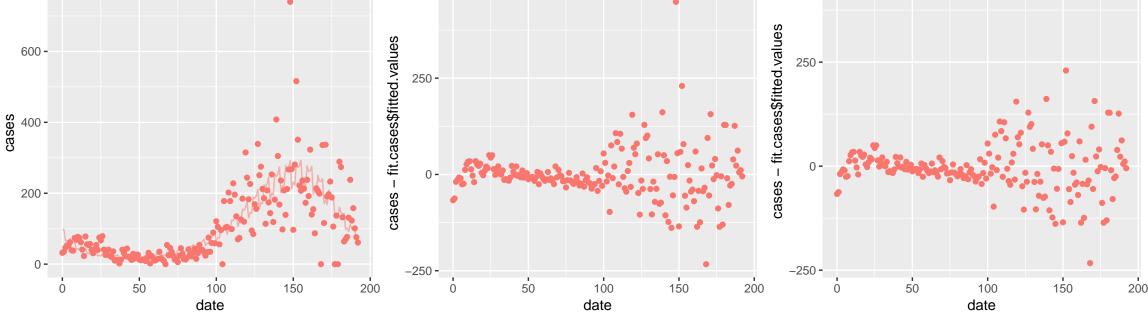
FIPS 53033 cases ~ bs(date, 4) + dayofweek cases ~ bs(date, 4) + dayofweek fit.cases\$fitted.values 100 fit.cases\$fitted.values 300 -100 -S 200 --100 **-**100 -- 000 --200 **-**-200 **-**0 -50 150 50 50 150 200 100 150 200 100 200 100 date date date

FIPS 6071 cases ~ bs(date, 4) + dayofweek cases ~ bs(date, 4) + dayofweek 2000 fit.cases\$fitted.values - fit.cases\$fitted.values 1500 ses 2000 cases 500 -



cases ~ bs(date, 4) + dayofweek cases ~ bs(date, 4) + dayofweek fit.cases\$fitted.values fit.cases\$fitted.values 600 -250 **-**Sases 400 -

FIPS 6085



FIPS 6001 cases ~ bs(date, 4) + dayofweek cases ~ bs(date, 4) + dayofweek - fit.cases\$fitted.values fit.cases\$fitted.values 900 cases 300 cases 50 150 50 150 200 50 100 150 200 100 200 100

date

date

date

FIPS 6067 600 cases ~ bs(date, 4) + dayofweek cases ~ bs(date, 4) + dayofweek 600 -1200 fit.cases\$fitted.values cases\$fitted.values 800 cases 400 --300 **-**-300 **-**-600 **-**-600 **-**150 50 50 50 150 200 100 150 200 100 200 100 date date date

FIPS 6013 cases ~ bs(date, 4) + dayofweek cases ~ bs(date, 4) + dayofweek 200 -200 -400 fit.cases\$fitted.values 100 -100 -300 -8 es -100 -Ses -100 -100 -150 50 50 50 150 200 100 150 200 100 200 100 date date date