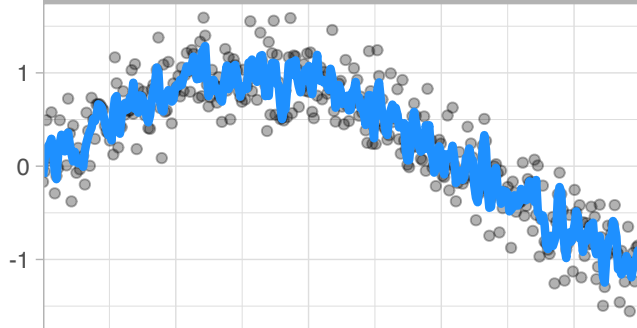
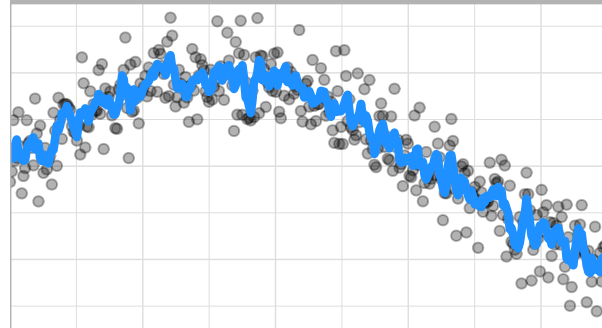


Response

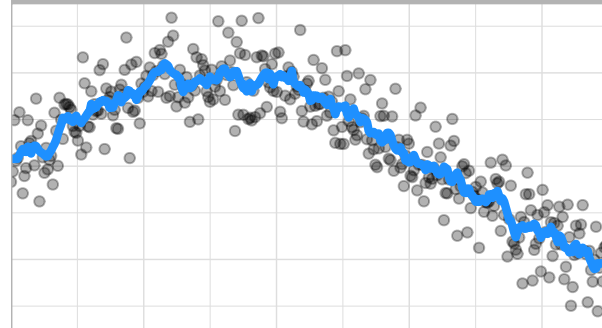
$k = 2$



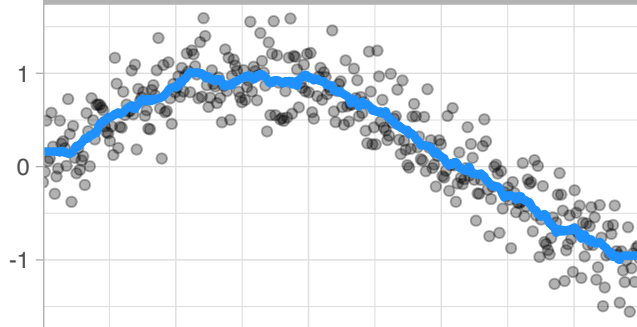
$k = 5$



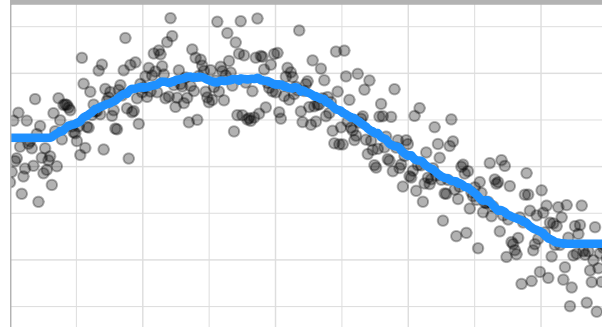
$k = 10$



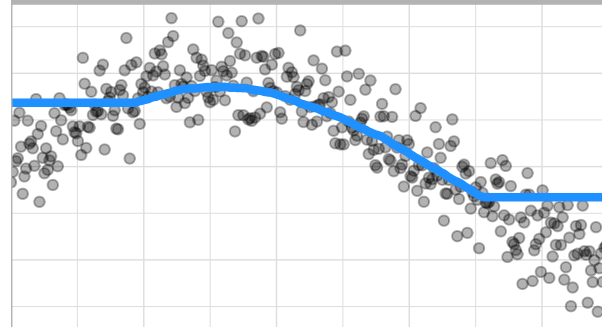
$k = 20$



$k = 50$



$k = 150$



x