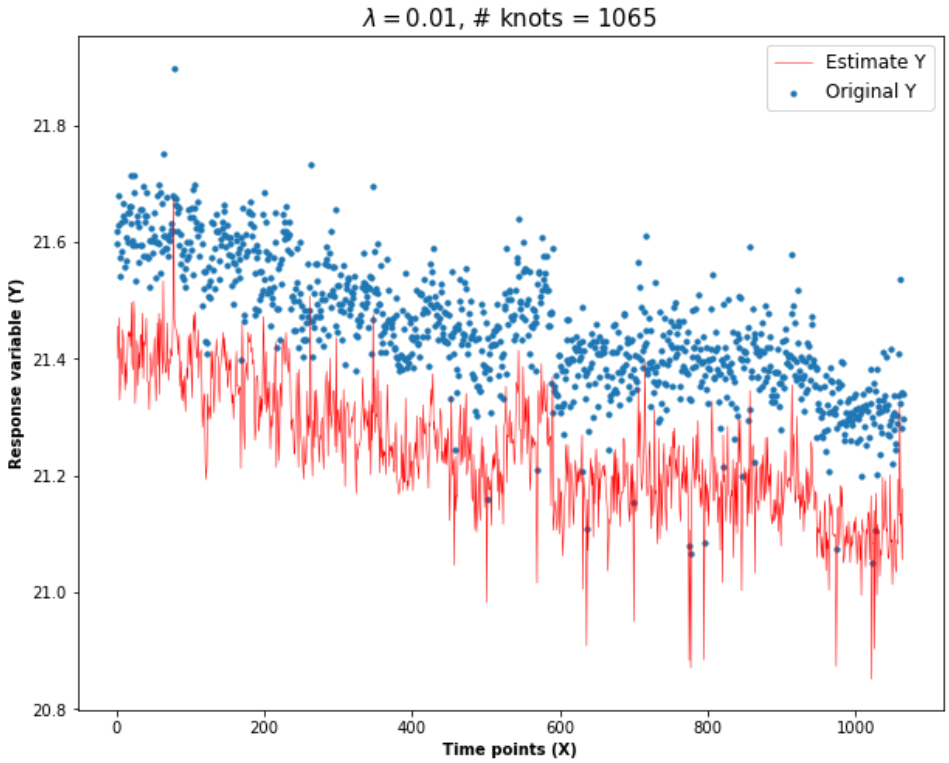
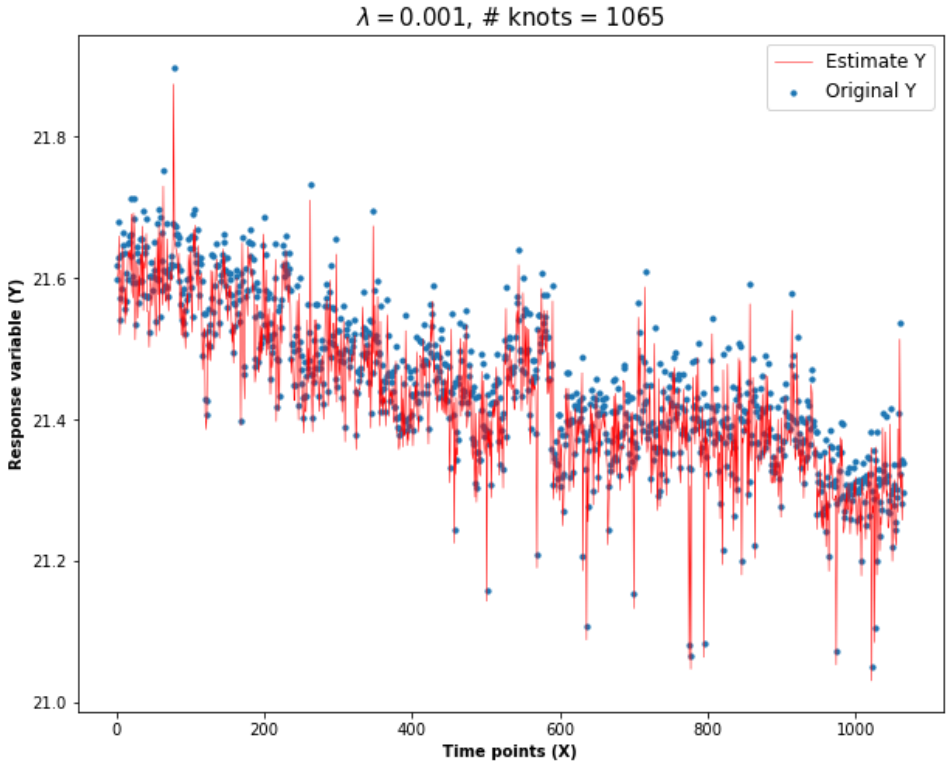
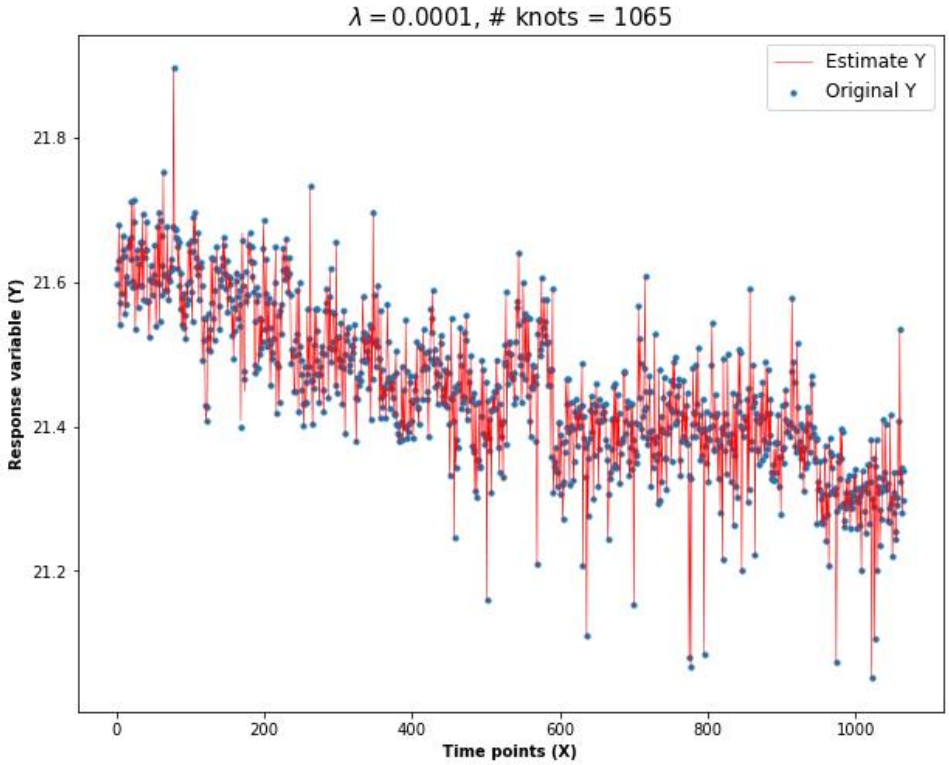
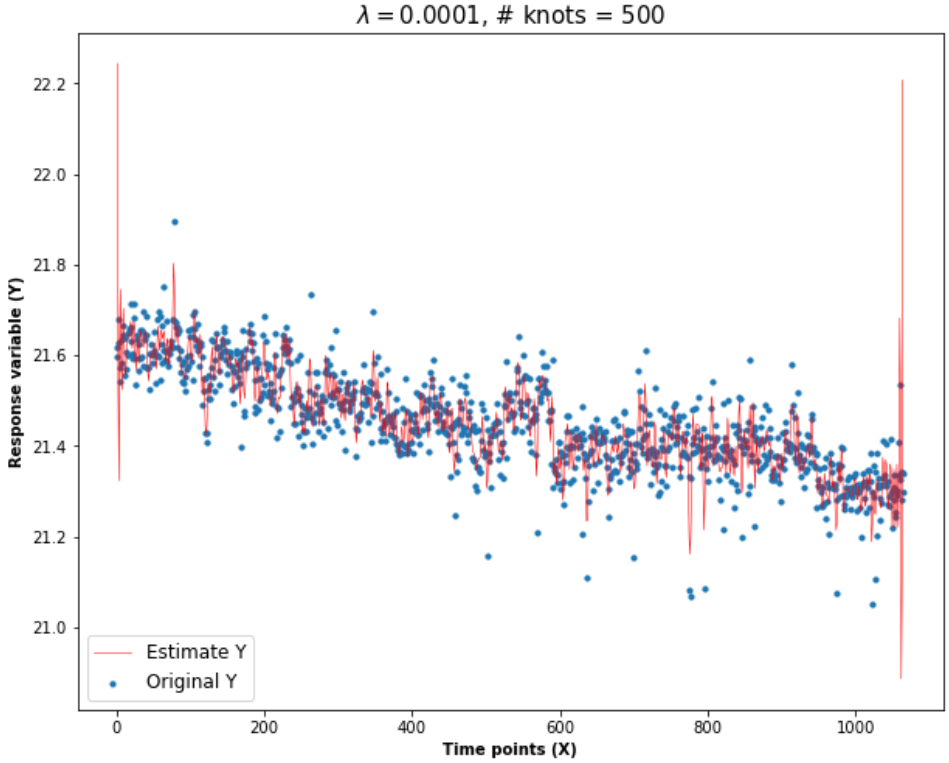
P-Spline Validation Figures

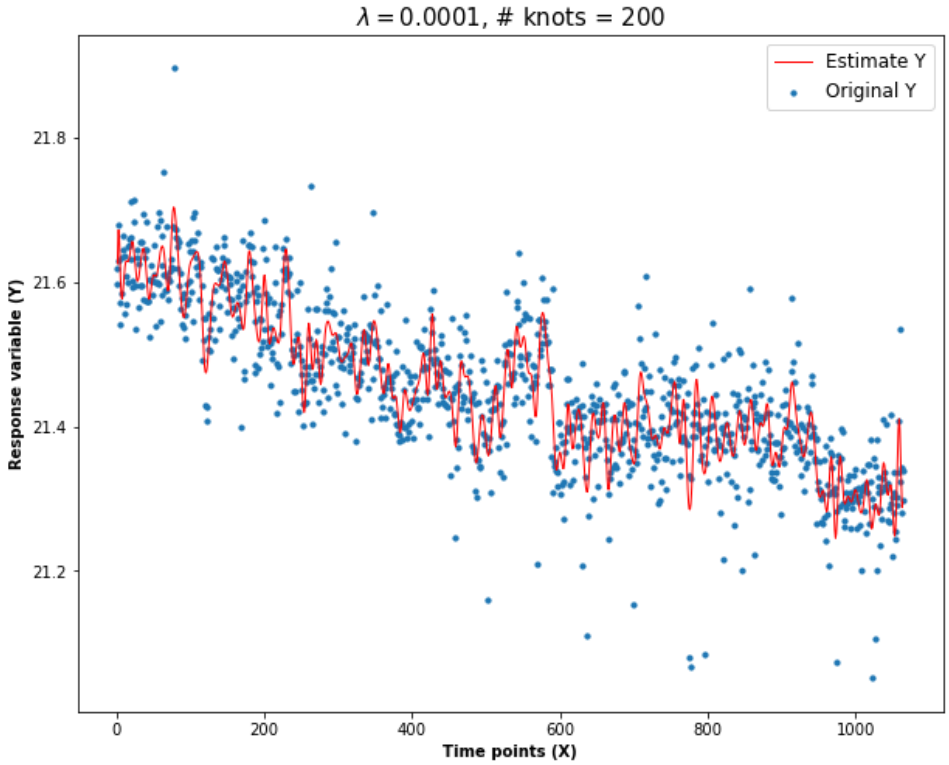
λ = Smoothing parameter






$\lambda = 0.0001$, # knots = 1065
Estimate Y
Original Y
Response variable (Y)
Time points (X)
21.8
21.6
21.4
21.2
0
200
400
600
800
1000


$\lambda = 0.0001$, # knots = 500
Estimate Y
Original Y
Response variable (Y)
Time points (X)
22.2
22.0
21.8
21.6
21.4
21.2
21.0
0
200
400
600
800
1000


$\lambda = 0.0001$, # knots = 200
Estimate Y
Original Y
Response variable (Y)
Time points (X)
21.8
21.6
21.4
21.2
0
200
400
600
800
1000