GPR with greedy training [n = 1]
31.6**2 * RBF(length_scale=1) + WhiteKernel(noise_level=6.02)
RMSE Tr: 1.69
RMSE Test: 124.3
Hyp opt: False

Legend:
- Training knots
- Proposed Knots
- Noisy data
- True function
- Mean Prediction
- σ^*
- $|y^* - y|$
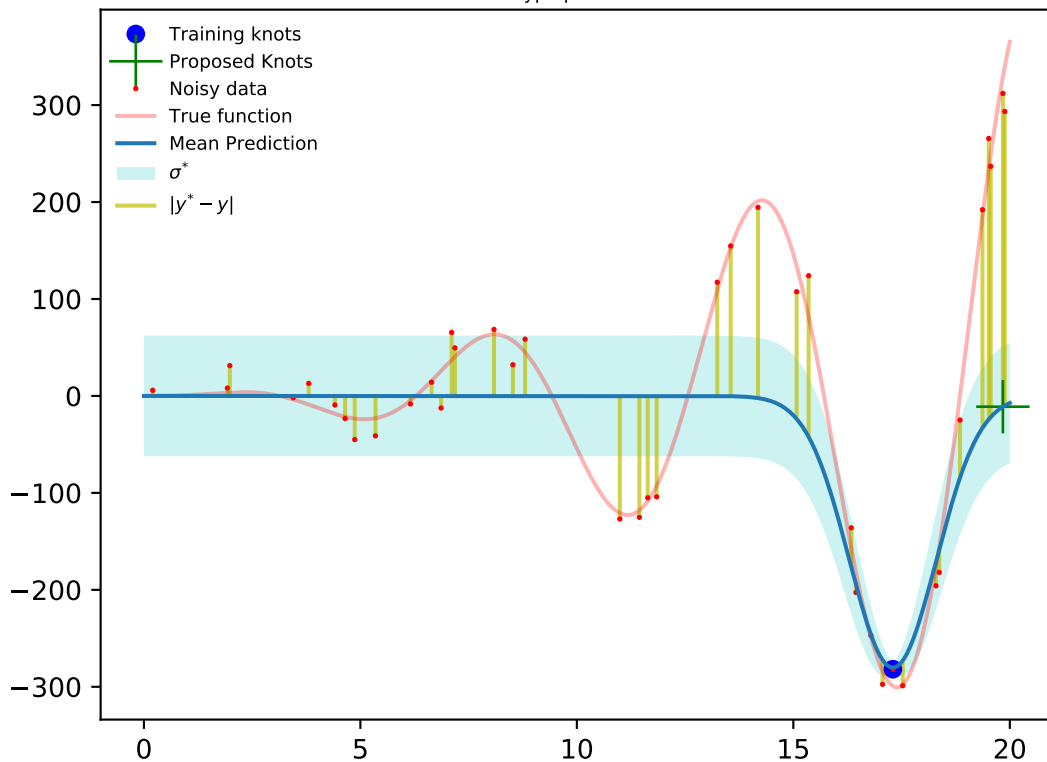
GPR with greedy training [n = 2]
31.6**2 * RBF(length_scale=1) + WhiteKernel(noise_level=6.02)
RMSE Tr: 1.85
RMSE Test: 82.03
Hyp opt: False

Legend:
- Training knots
- Proposed Knots
- Noisy data
- True function
- Mean Prediction
- σ^*
- $|y^* - y|$
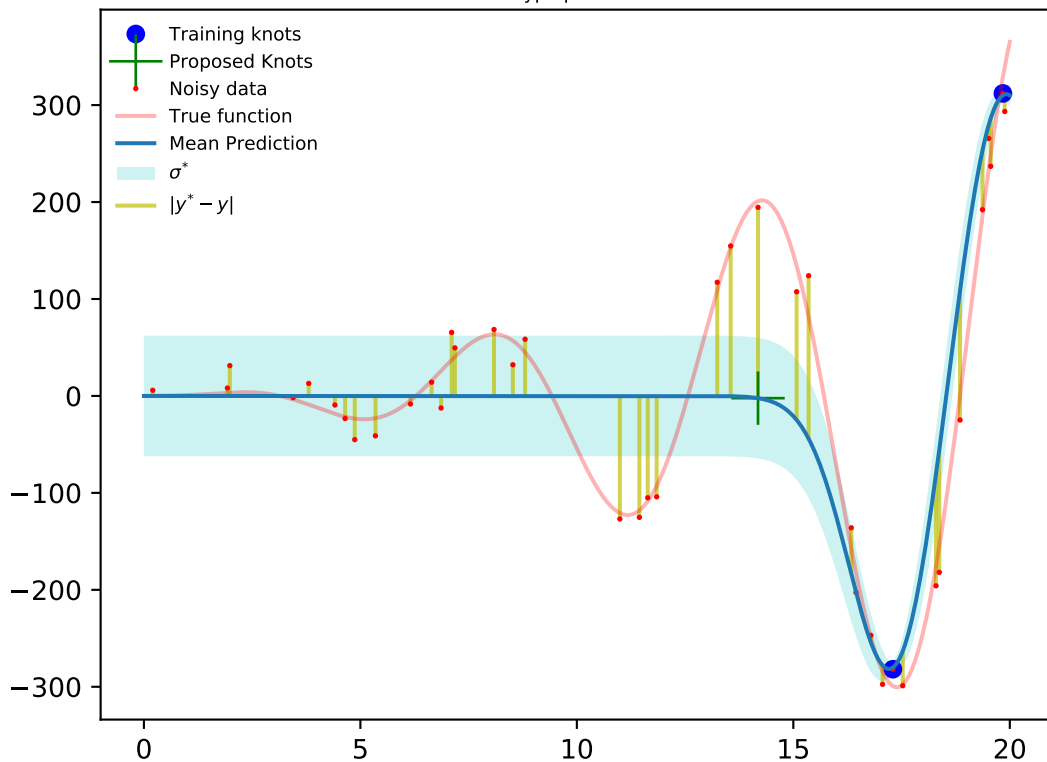
GPR with greedy training [n = 3]
31.6**2 * RBF(length_scale=1) + WhiteKernel(noise_level=6.02)
RMSE Tr: 1.66
RMSE Test: 62.07
Hyp opt: False

Legend:
- Training knots
- Proposed Knots
- Noisy data
- True function
- Mean Prediction
- σ^*
- $|y^* - y|$
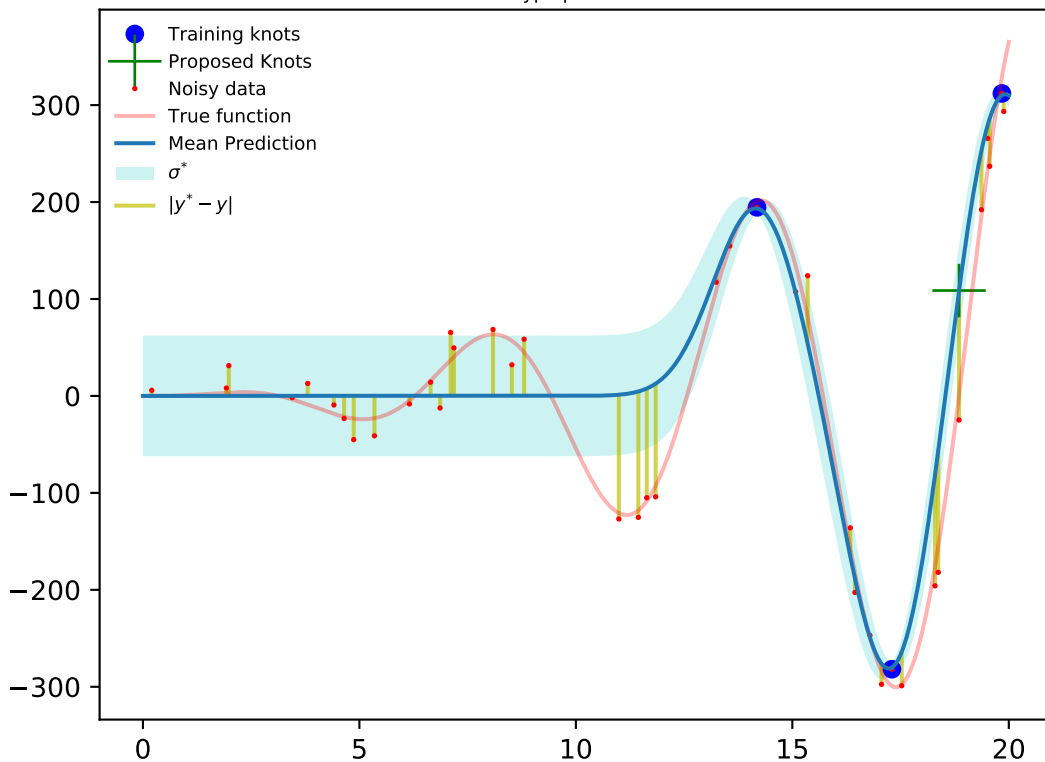
GPR with greedy training [n = 4]
31.6**2 * RBF(length_scale=1) + WhiteKernel(noise_level=6.02)
RMSE Tr: 1.82
RMSE Test: 50.57
Hyp opt: False

Legend:
- Training knots
- Proposed Knots
- Noisy data
- True function
- Mean Prediction
- σ^*
- $|y^* - y|$
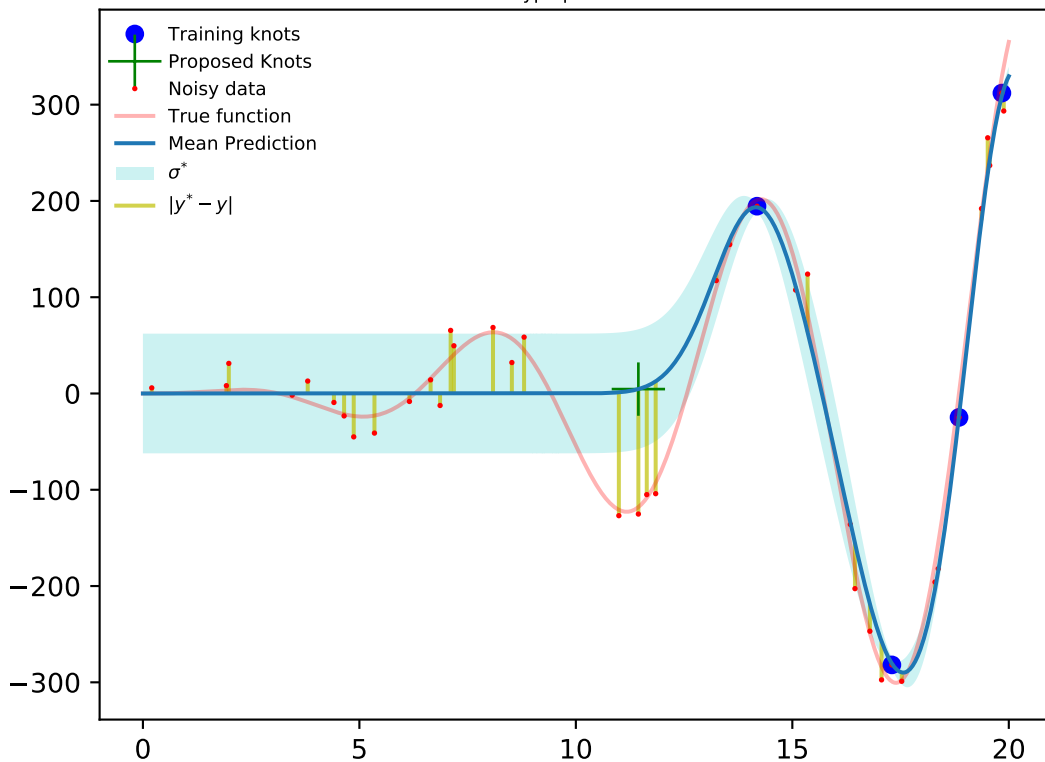
GPR with greedy training [n = 5]
31.6**2 * RBF(length_scale=1) + WhiteKernel(noise_level=6.02)
RMSE Tr: 1.66
RMSE Test: 30.97
Hyp opt: False
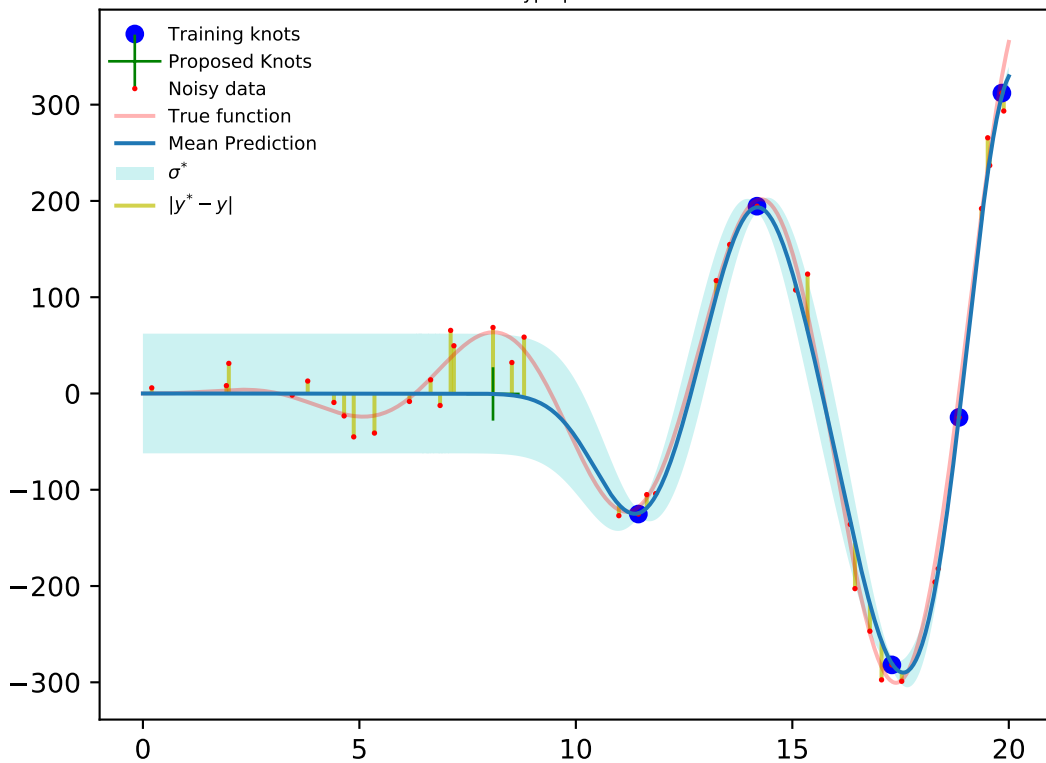
GPR with greedy training [n = 6]
31.6**2 * RBF(length_scale=1) + WhiteKernel(noise_level=6.02)
RMSE Tr: 1.53
RMSE Test: 24.68
Hyp opt: False

Legend:
- Training knots
- Proposed Knots
- Noisy data
- True function
- Mean Prediction
- σ^*
- $|y^* - y|$
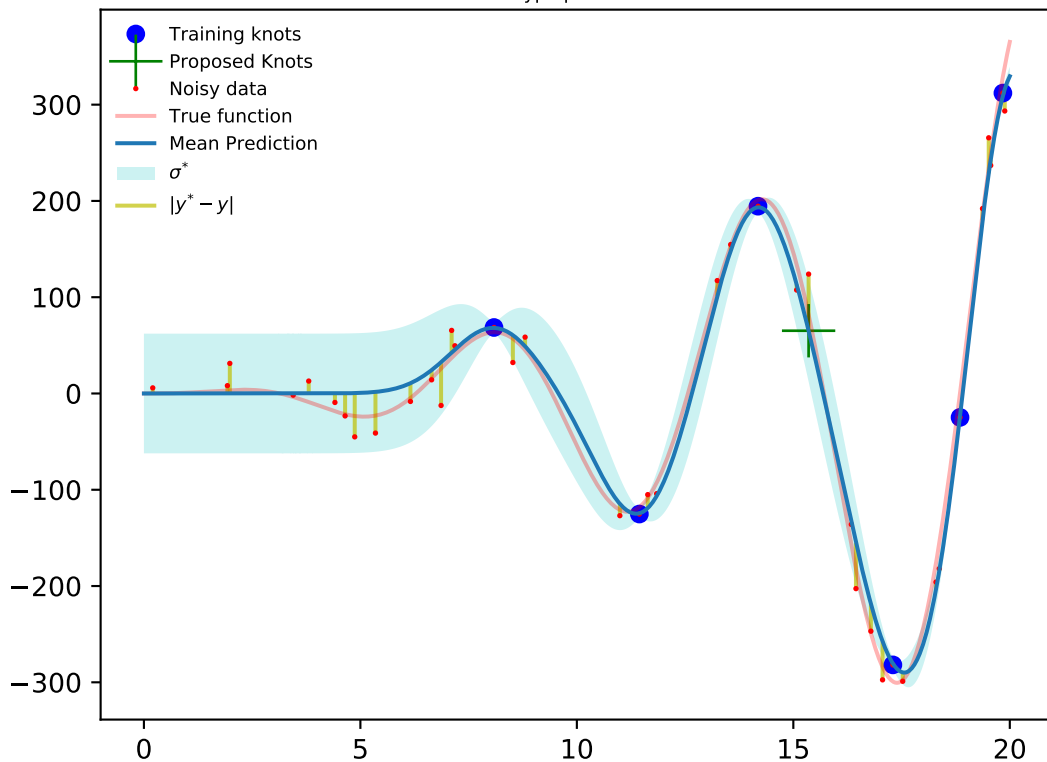
GPR with greedy training [n = 7]
$31.6^{**}2 * RBF(length\_scale=1) + WhiteKernel(noise\_level=6.02)$
RMSE Tr: 1.4
RMSE Test: 29.67
Hyp opt: False

Legend:
- Training knots
- Proposed Knots
- Noisy data
- True function
- Mean Prediction
- σ^*
- $|y^* - y|$
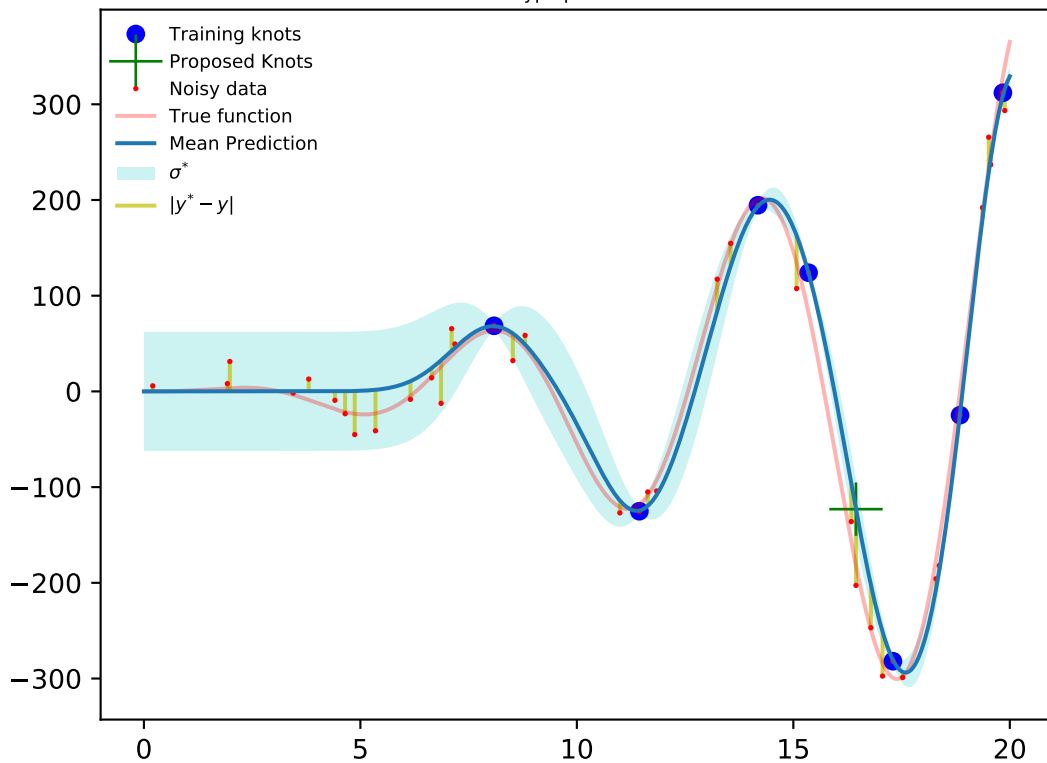
GPR with greedy training [n = 8]
31.6**2 * RBF(length_scale=0.643) + WhiteKernel(noise_level=10)
RMSE Tr: 1.52
RMSE Test: 28.76
Hyp opt: True

Legend:
- Training knots
- Noisy data
- True function
- Mean Prediction
- σ^*
- $|y^* - y|$
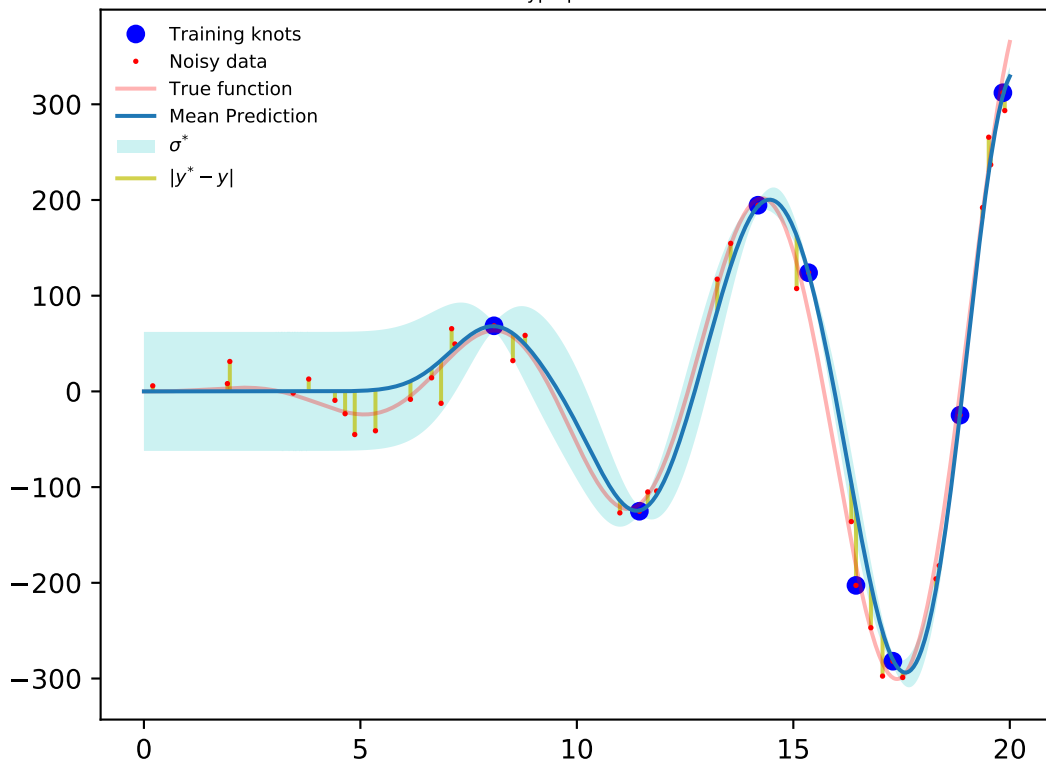
Test Error 8 training points, 8 iterations