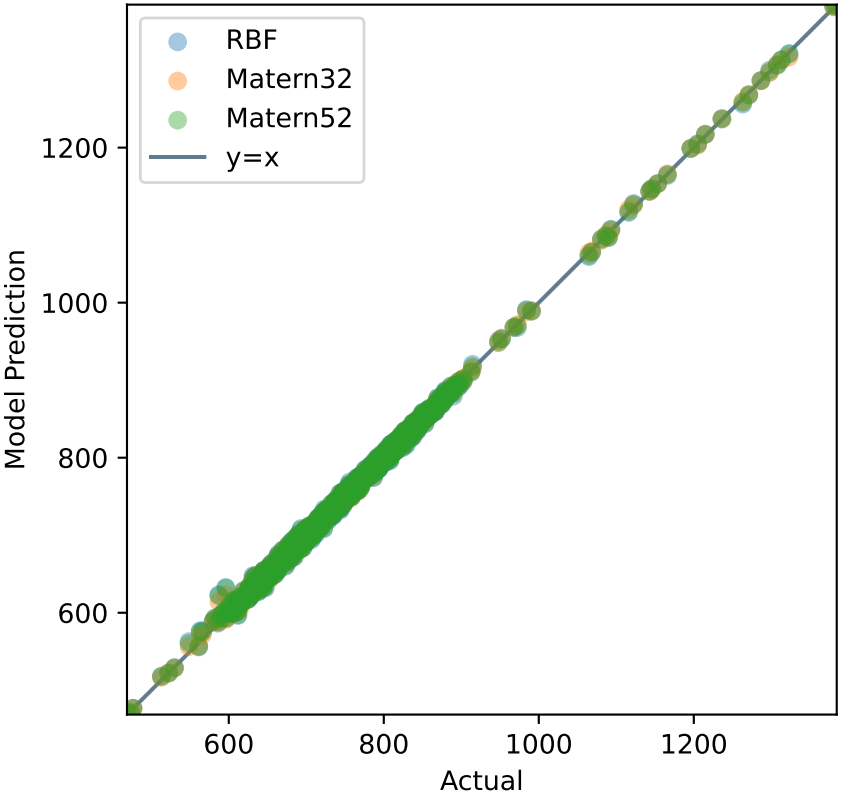
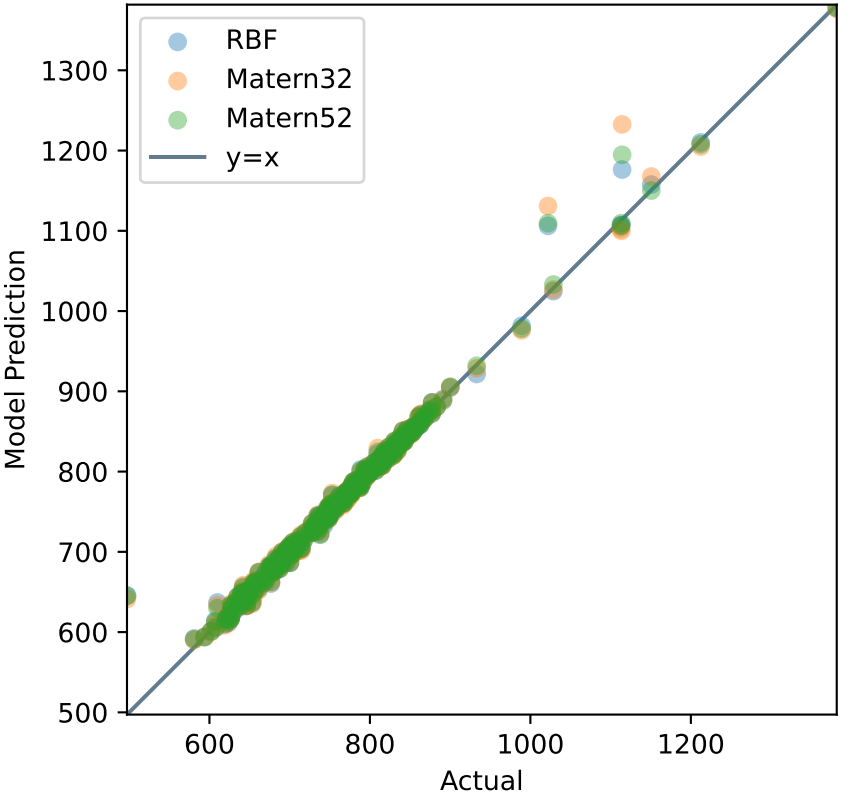
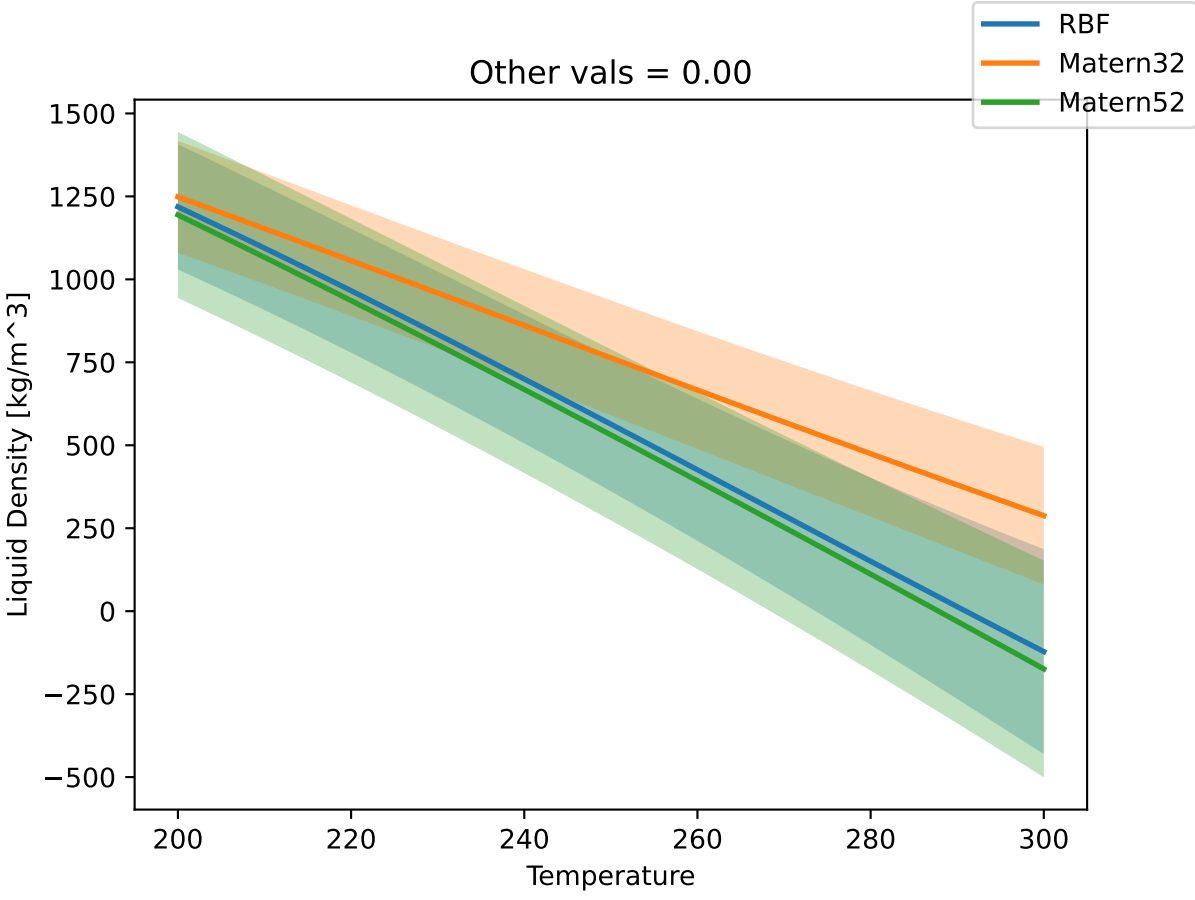
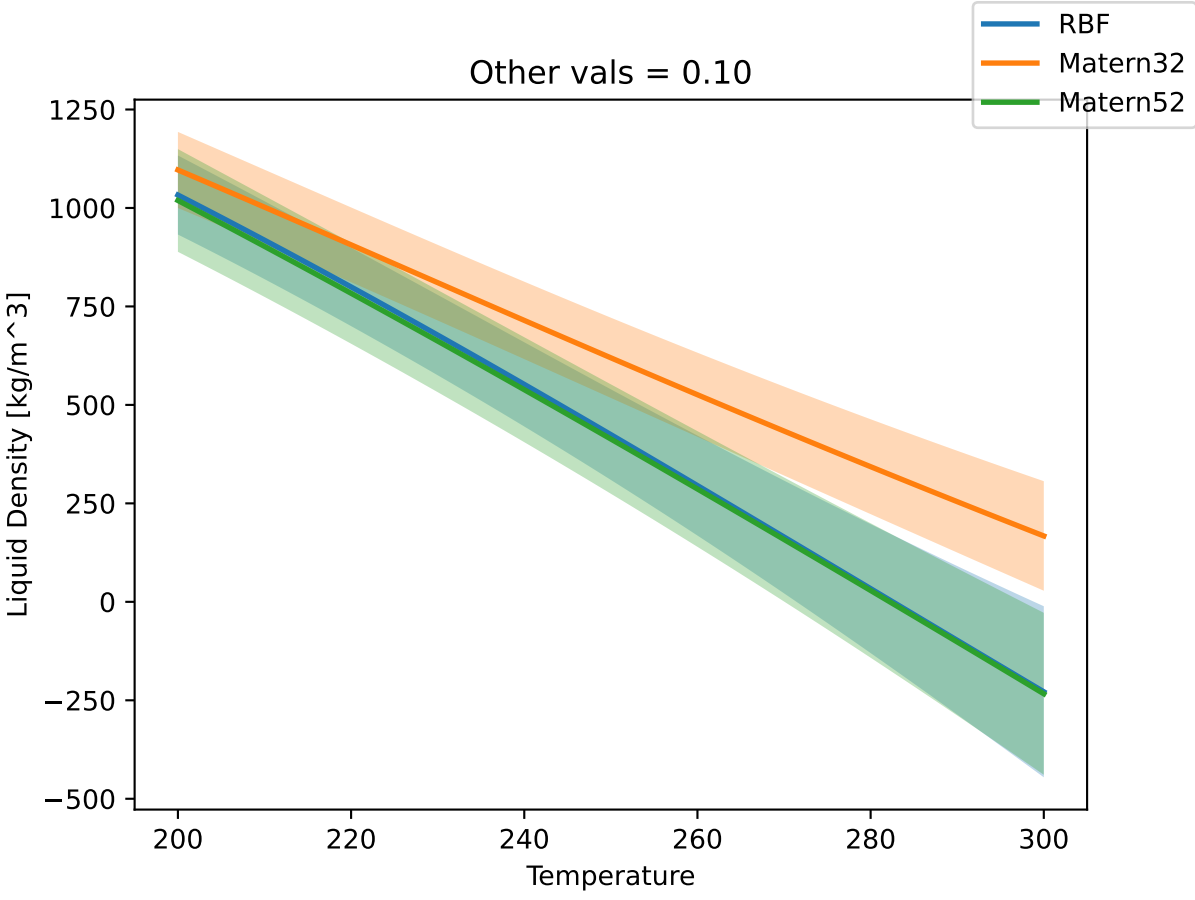
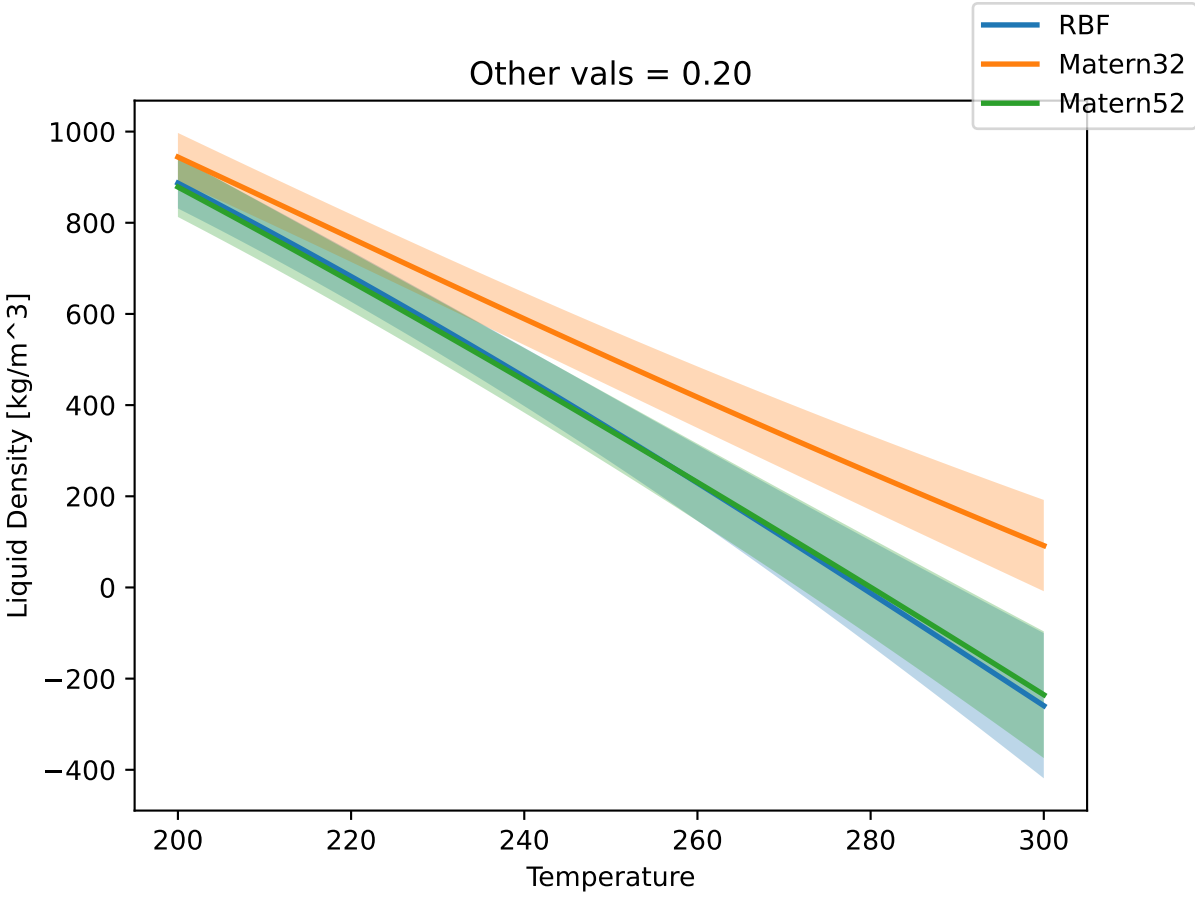
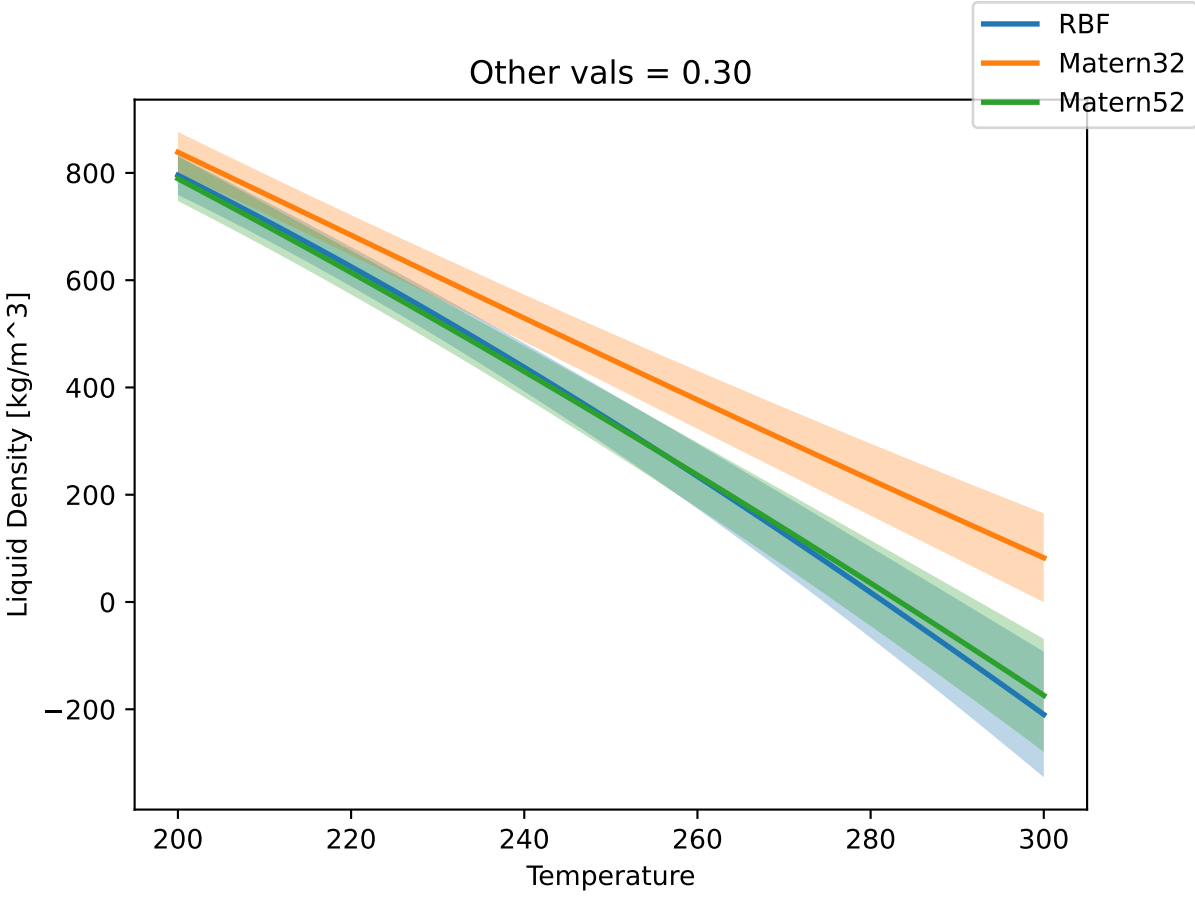

RBF
Matern32
Matern52
y=x
1200
1000
800
600
Model Prediction
600
800
1000
1200
Actual

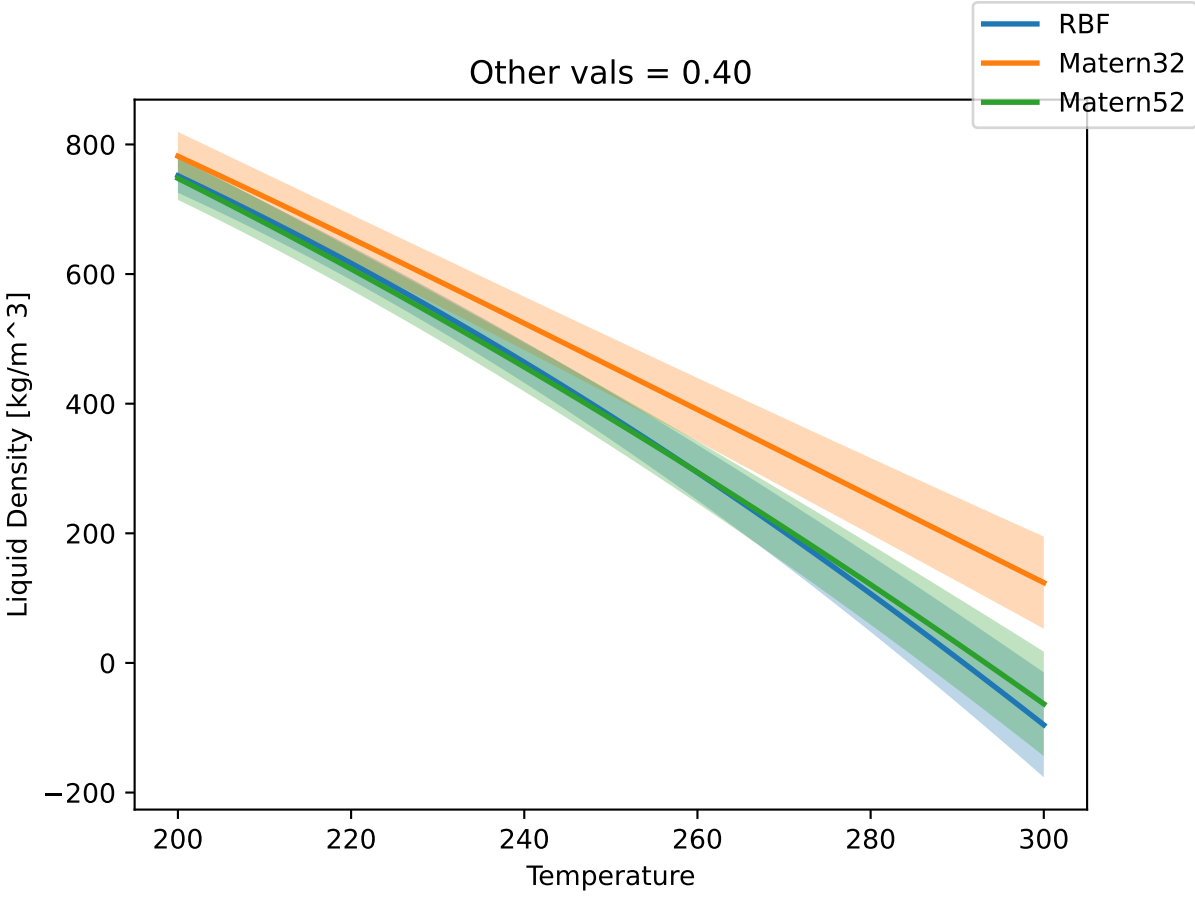

RBF
Matern32
Matern52
y=x
Model Prediction
Actual
500
600
700
800
900
1000
1100
1200
1300
600
800
1000
1200

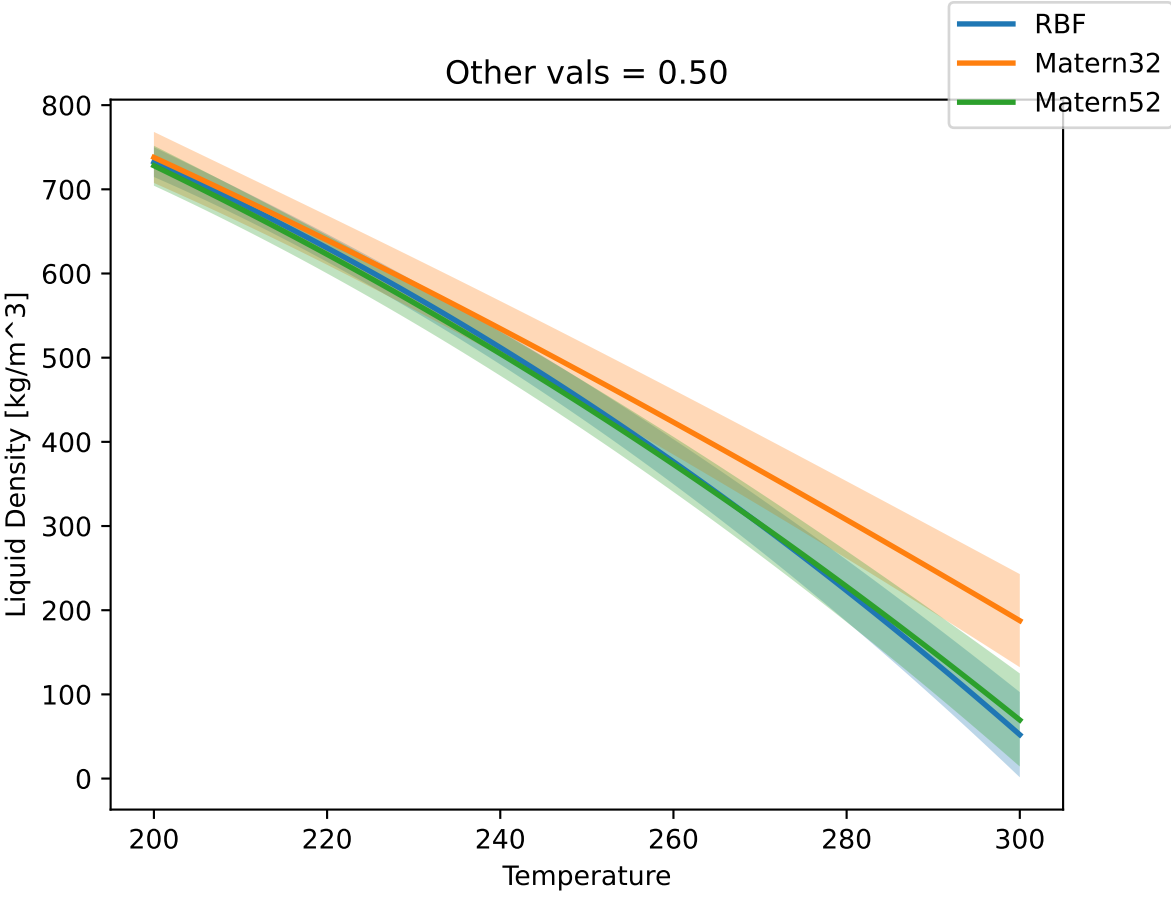

RBF
Matern32
Matern52
Other vals = 0.00
Liquid Density [kg/m^3]
Temperature
1500
1250
1000
750
500
250
0
−250
−500
200
220
240
260
280
300

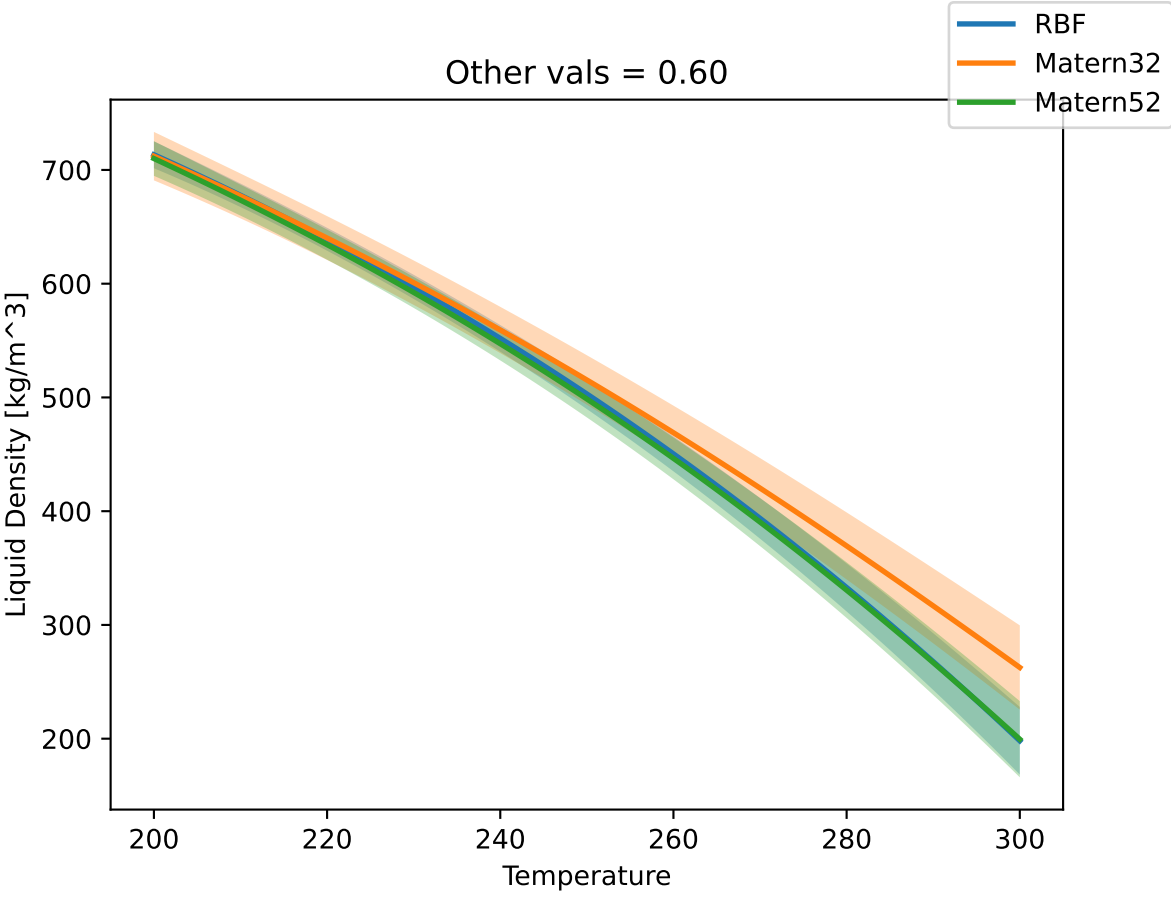

RBF
Matern32
Matern52
Other vals = 0.10
1250
1000
750
500
250
0
−250
−500
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

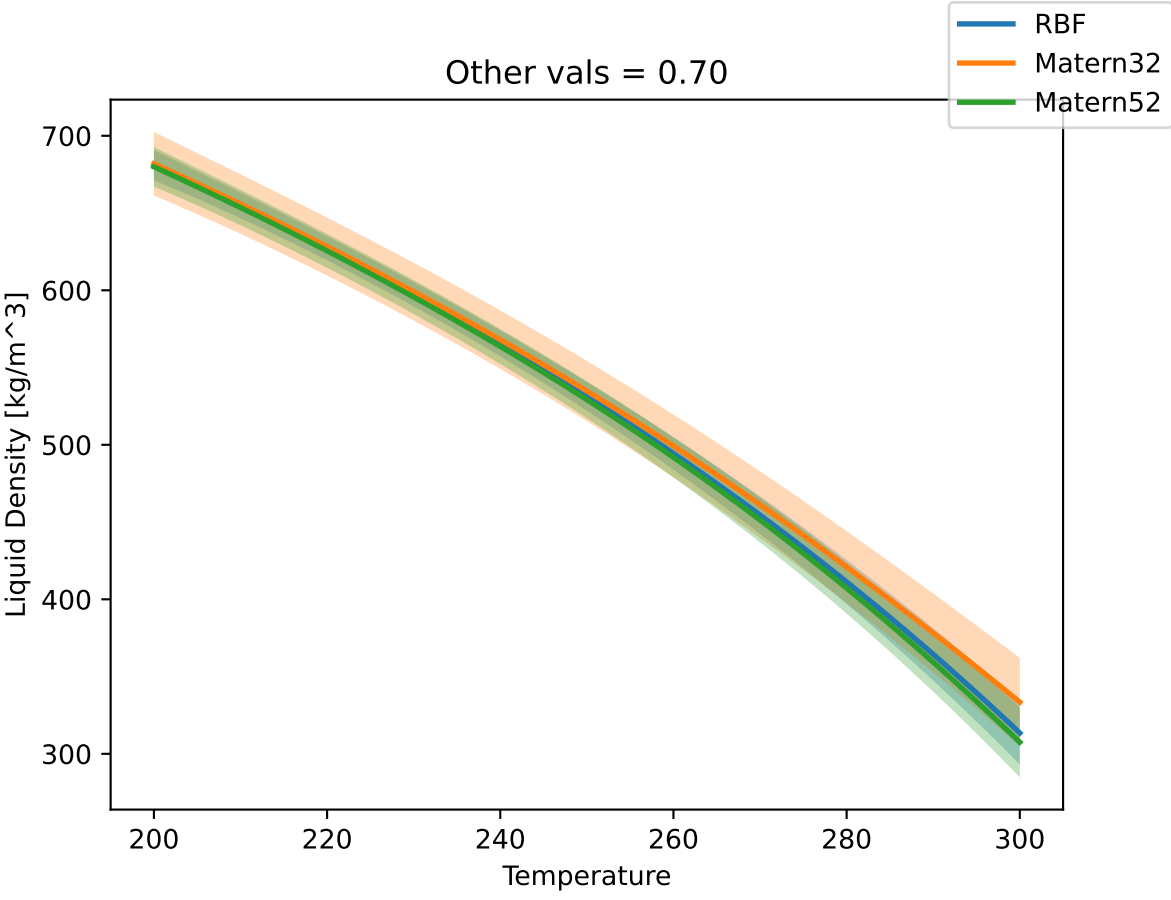

RBF
Matern32
Matern52
Other vals = 0.20
Liquid Density [kg/m^3]
1000
800
600
400
200
0
−200
−400
200
220
240
260
280
300
Temperature

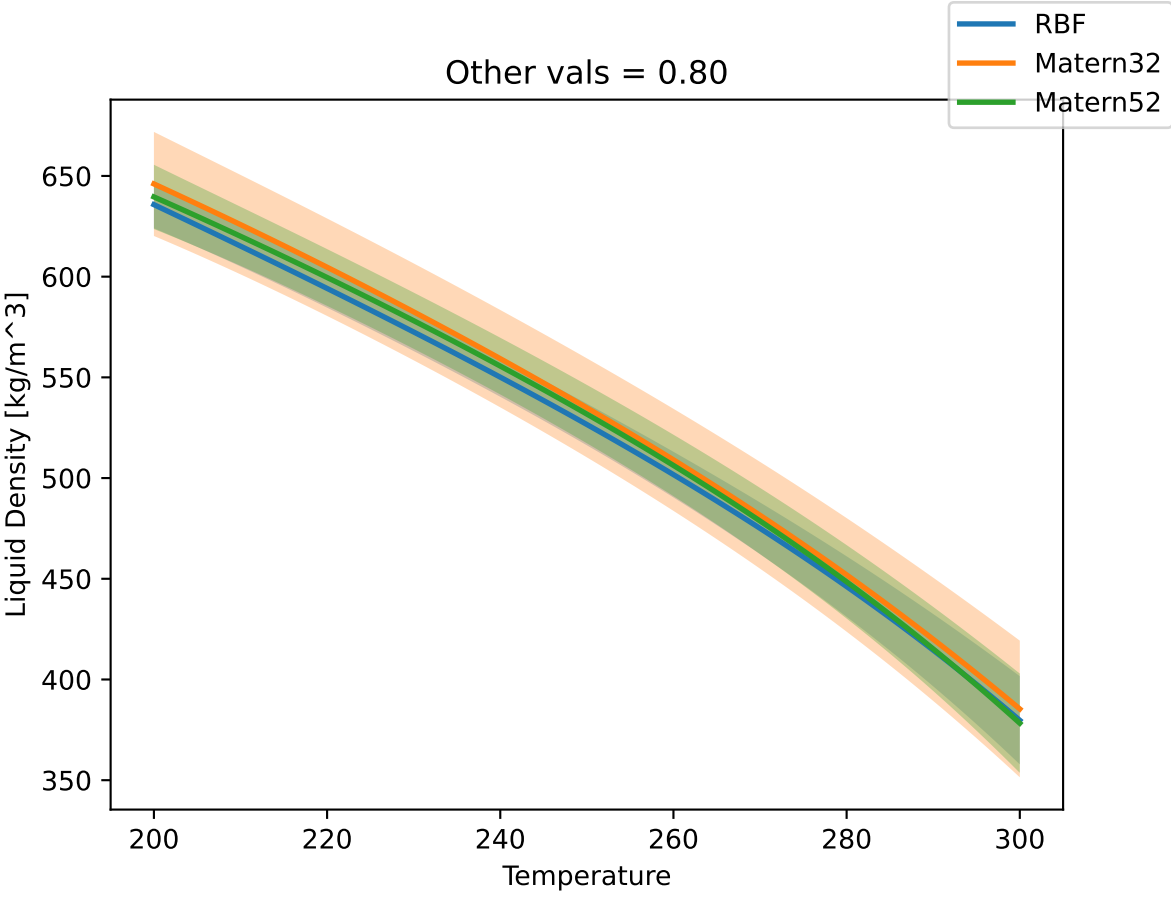

RBF
Matern32
Matern52
Other vals = 0.30
Liquid Density [kg/m^3]
800
600
400
200
0
−200
200
220
240
260
280
300
Temperature

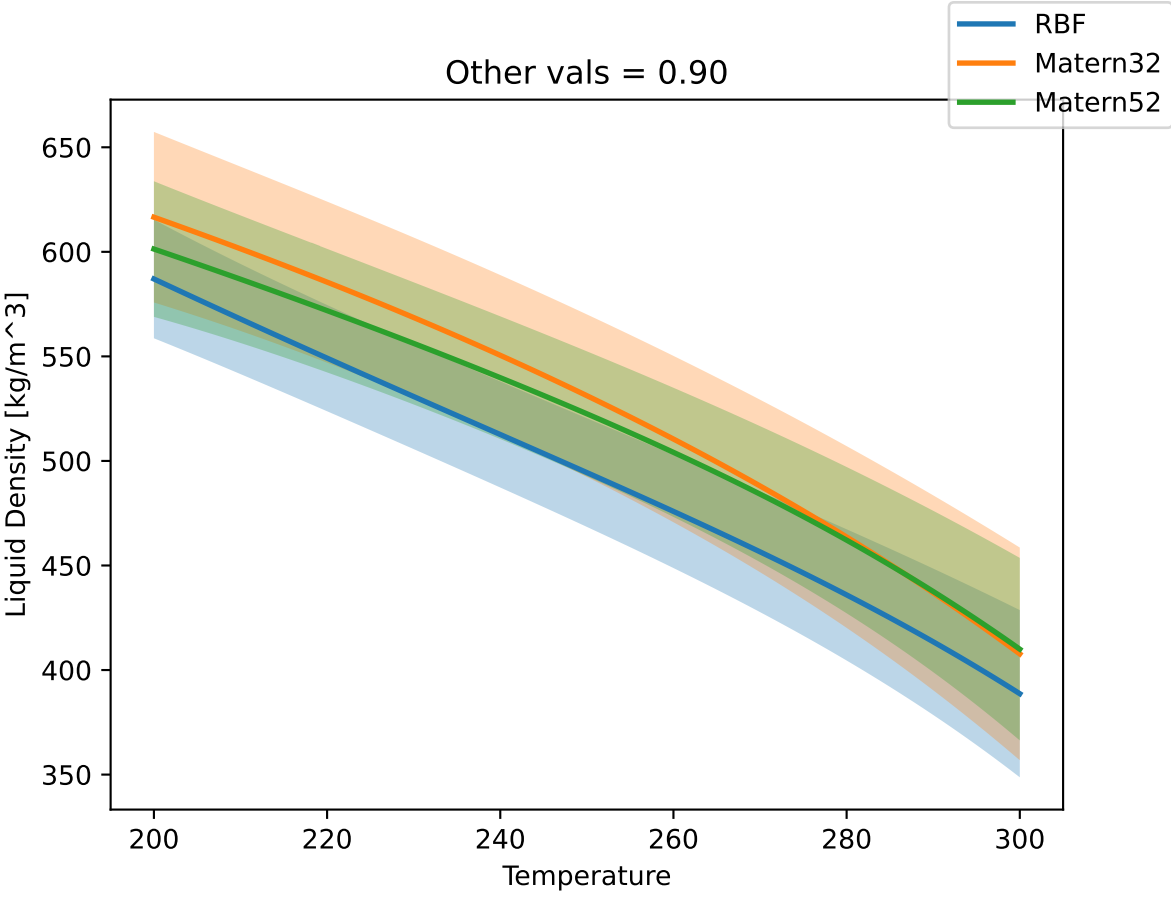

RBF
Matern32
Matern52
Other vals = 0.40
Liquid Density [kg/m^3]
800
600
400
200
0
−200
200
220
240
260
280
300
Temperature

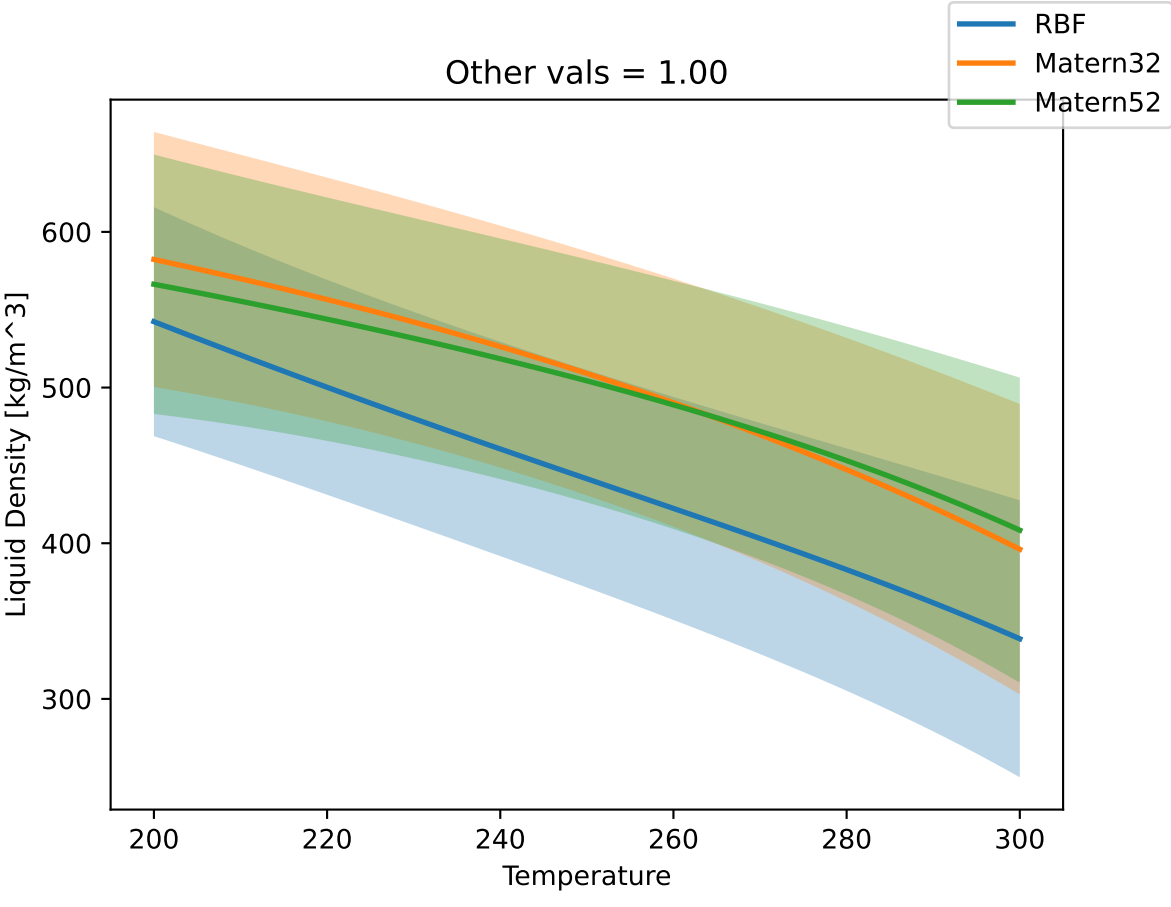

RBF
Matern32
Matern52
Other vals = 0.50
Liquid Density [kg/m^3]
Temperature
800
700
600
500
400
300
200
100
0
200
220
240
260
280
300

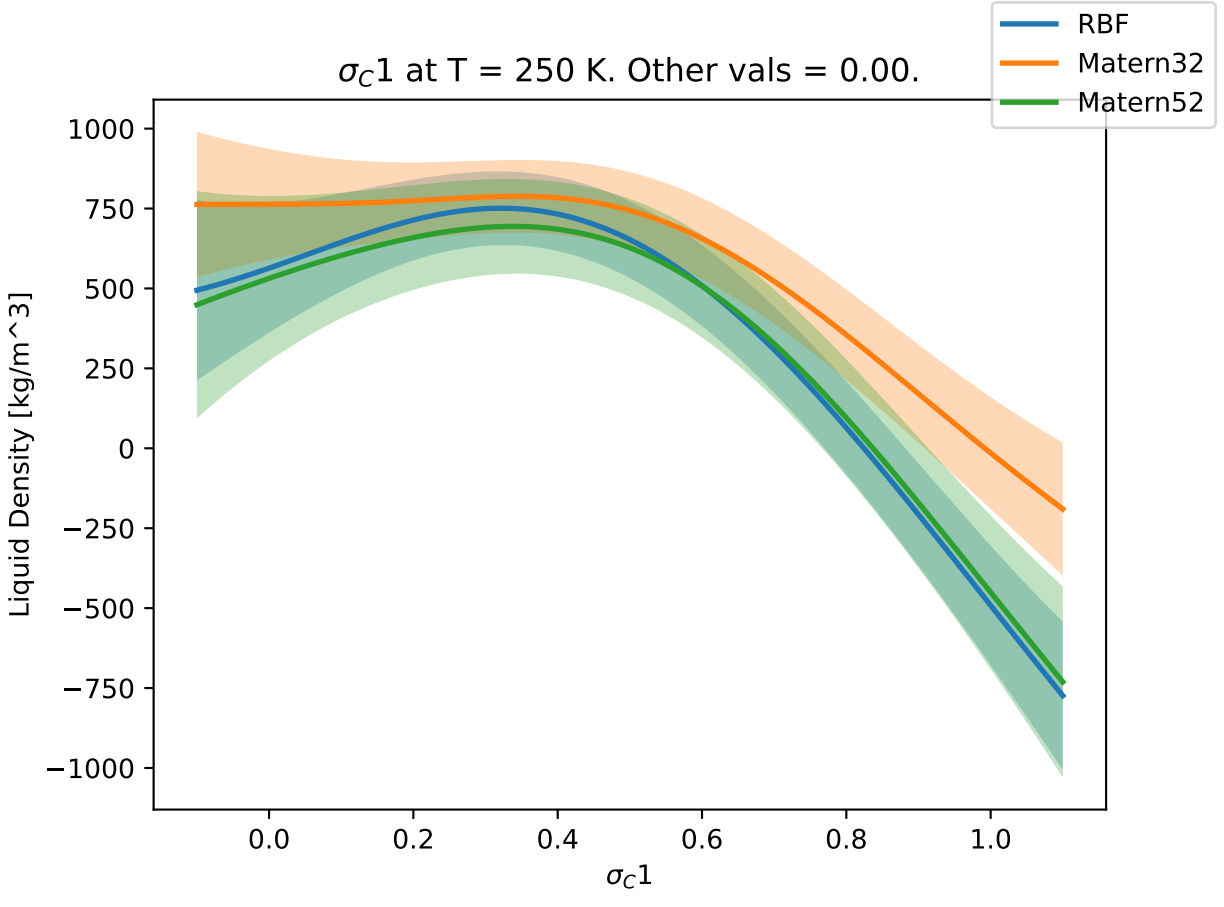

RBF
Matern32
Matern52
Other vals = 0.60
Liquid Density [kg/m^3]
700
600
500
400
300
200
200
220
240
260
280
300
Temperature

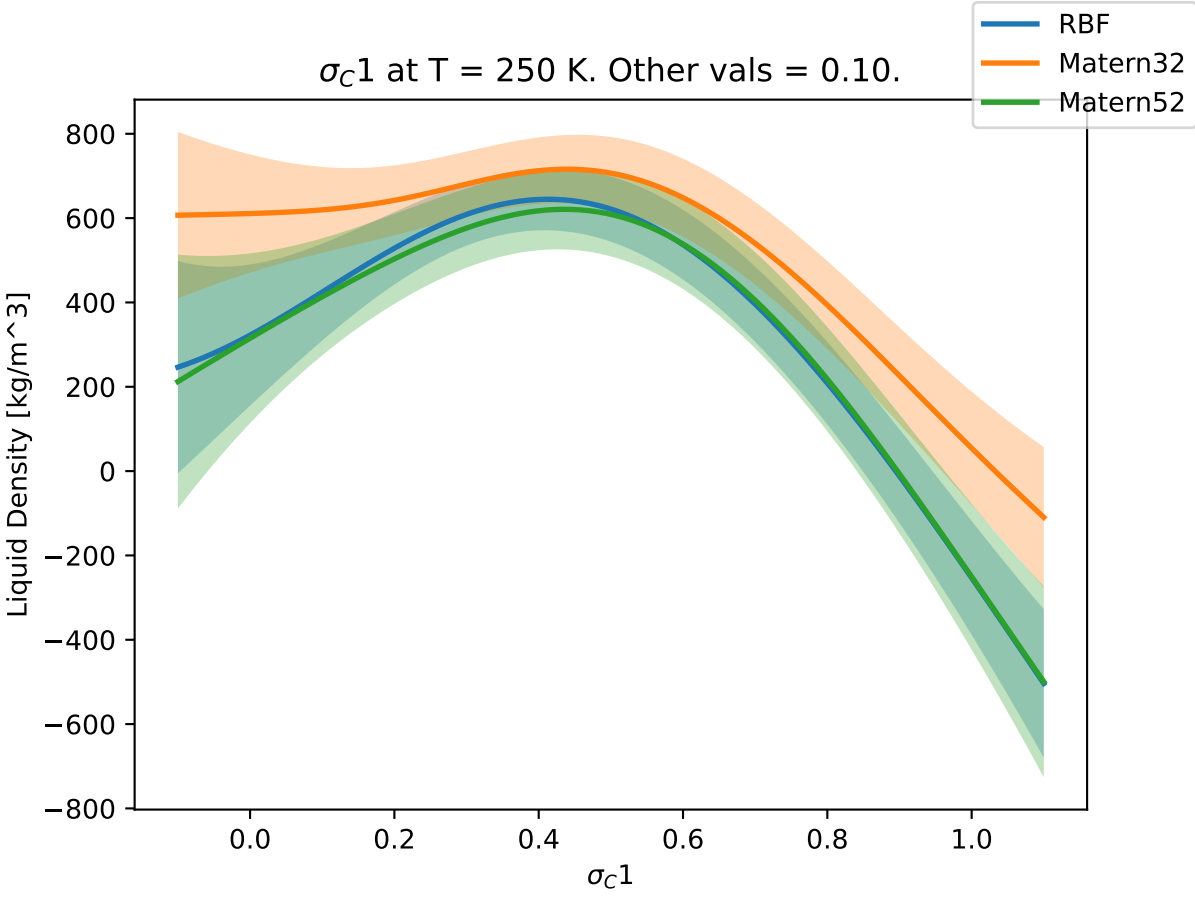

RBF
Matern32
Matern52
Other vals = 0.70
Liquid Density [kg/m^3]
700
600
500
400
300
200
220
240
260
280
300
Temperature

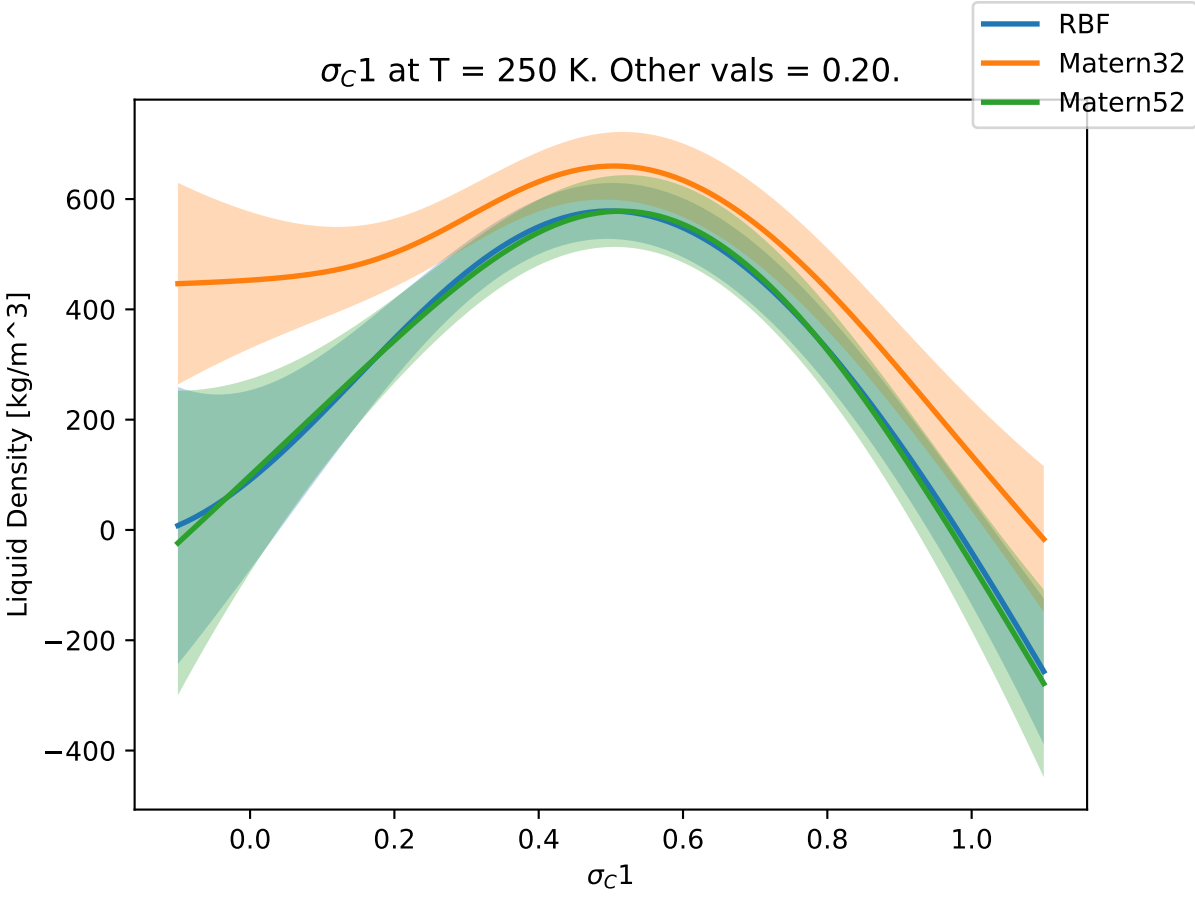

RBF
Matern32
Matern52
Other vals = 0.80
Liquid Density [kg/m^3]
650
600
550
500
450
400
350
200
220
240
260
280
300
Temperature

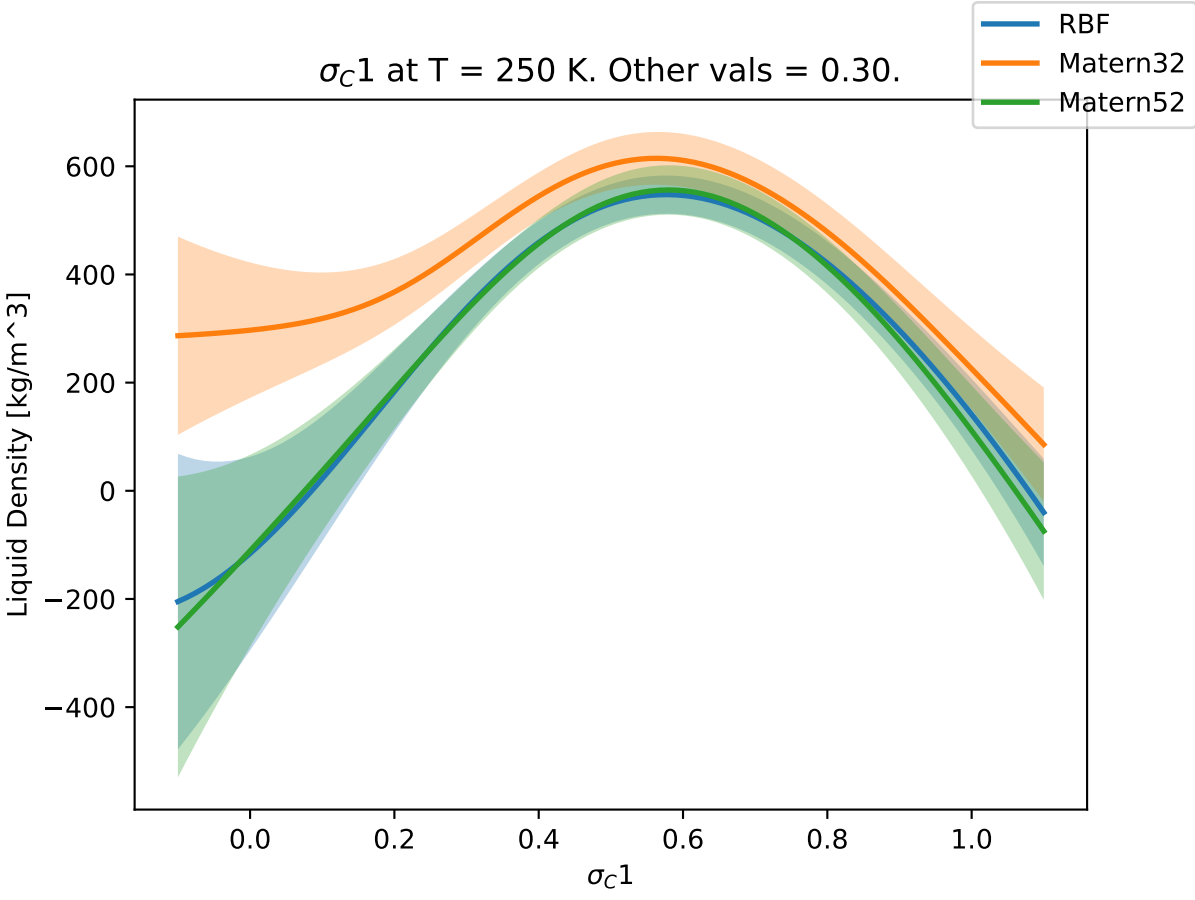

RBF
Matern32
Matern52
Other vals = 0.90
Liquid Density [kg/m^3]
650
600
550
500
450
400
350
200
220
240
260
280
300
Temperature

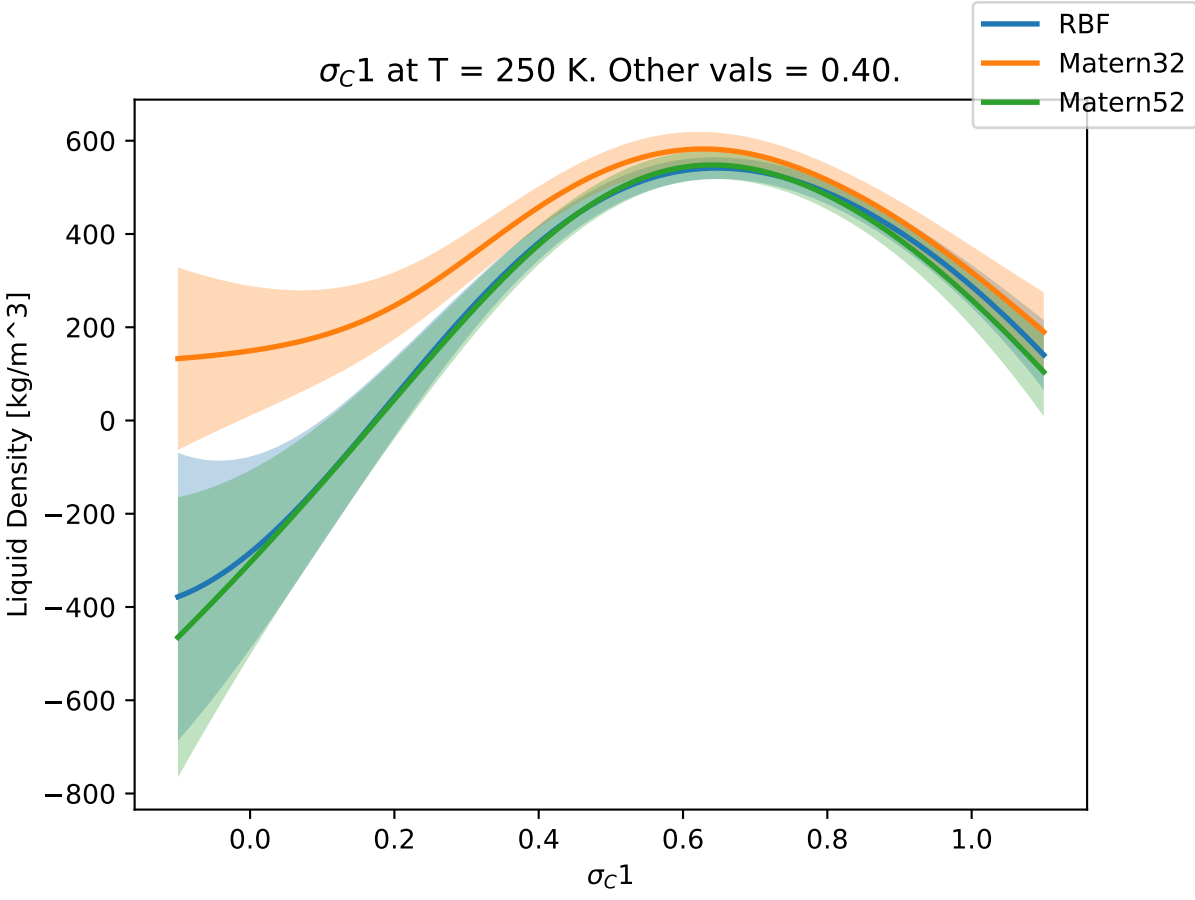

RBF
Matern32
Matern52
Other vals = 1.00
Liquid Density [kg/m^3]
600
500
400
300
200
220
240
260
280
300
Temperature

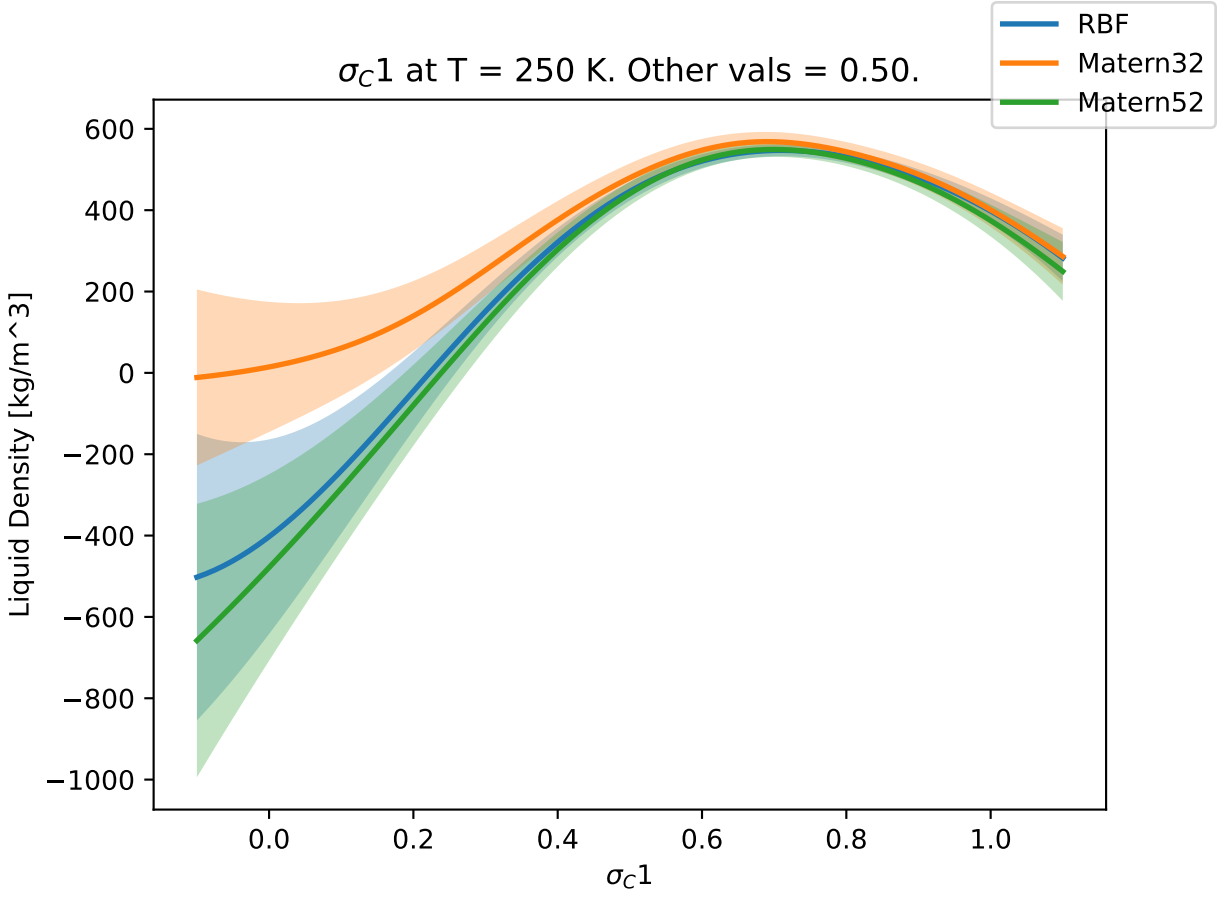

RBF
Matern32
Matern52
σ_C1 at T = 250 K. Other vals = 0.00.
Liquid Density [kg/m^3]
1000
750
500
250
0
−250
−500
−750
−1000
0.0
0.2
0.4
0.6
0.8
1.0
σ_C1

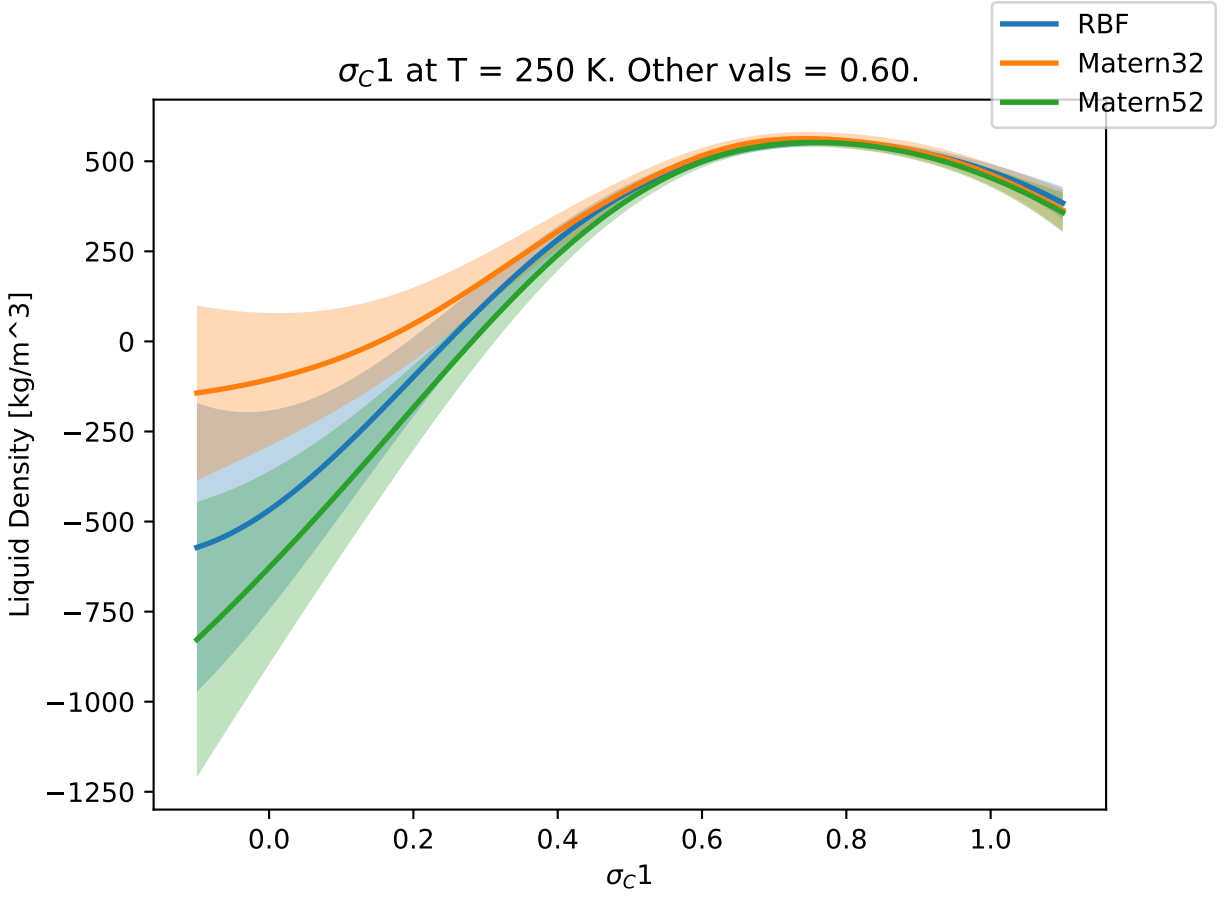

RBF
Matern32
Matern52
σ_C1 at T = 250 K. Other vals = 0.10.
Liquid Density [kg/m^3]
800
600
400
200
0
−200
−400
−600
−800
0.0
0.2
0.4
0.6
0.8
1.0
σ_C1

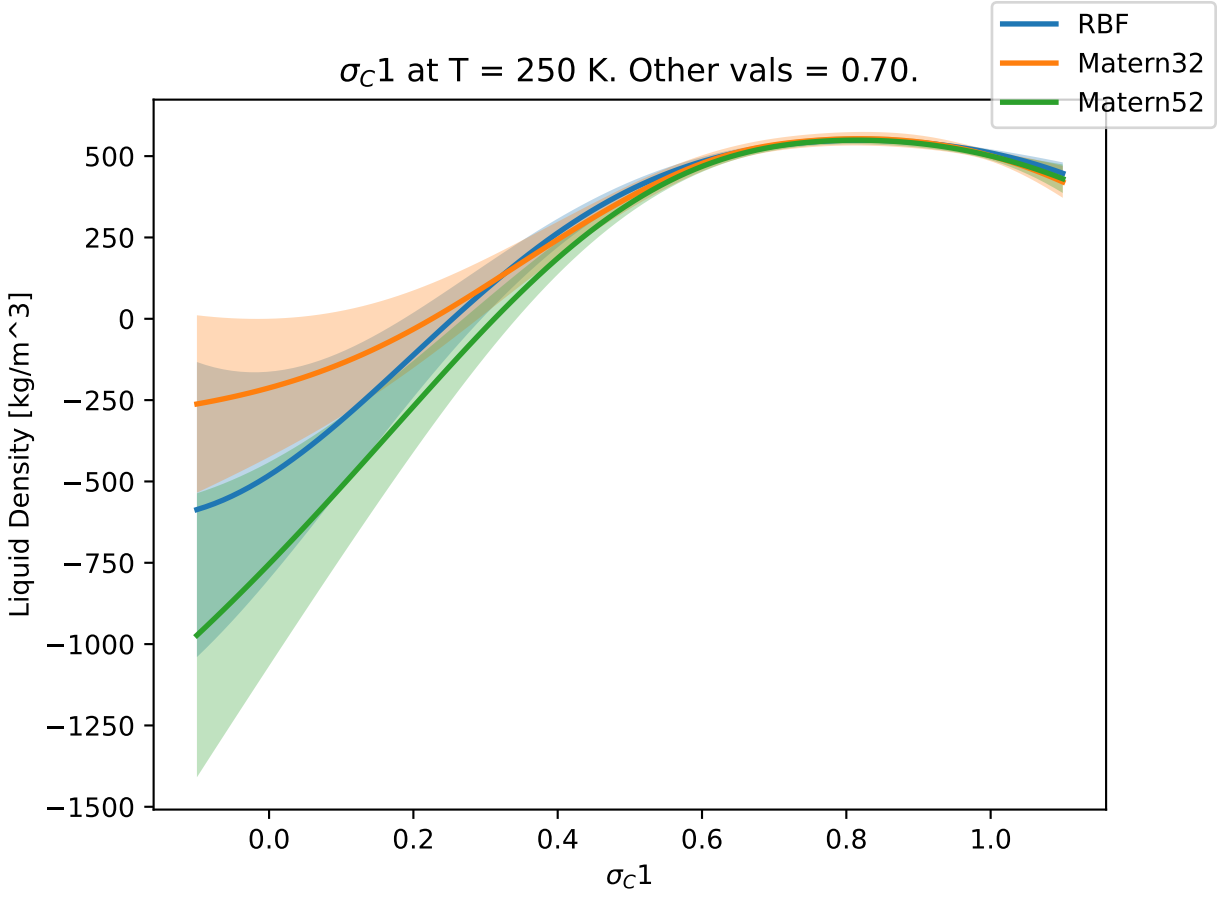

RBF
Matern32
Matern52
σ_C1 at T = 250 K. Other vals = 0.20.
Liquid Density [kg/m^3]
600
400
200
0
−200
−400
0.0
0.2
0.4
0.6
0.8
1.0
σ_C1

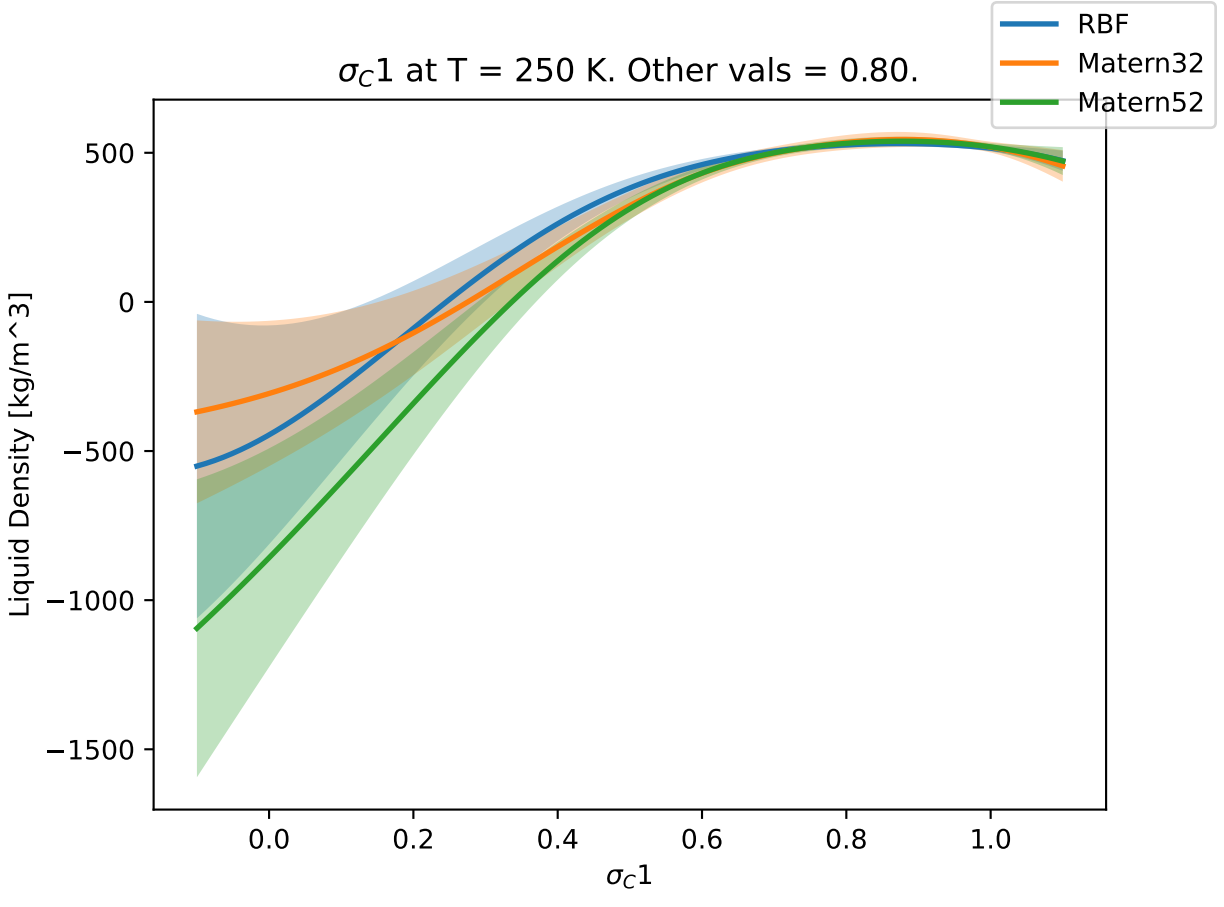

RBF
Matern32
Matern52
σ_C1 at T = 250 K. Other vals = 0.30.
Liquid Density [kg/m^3]
600
400
200
0
−200
−400
0.0
0.2
0.4
0.6
0.8
1.0
σ_C1

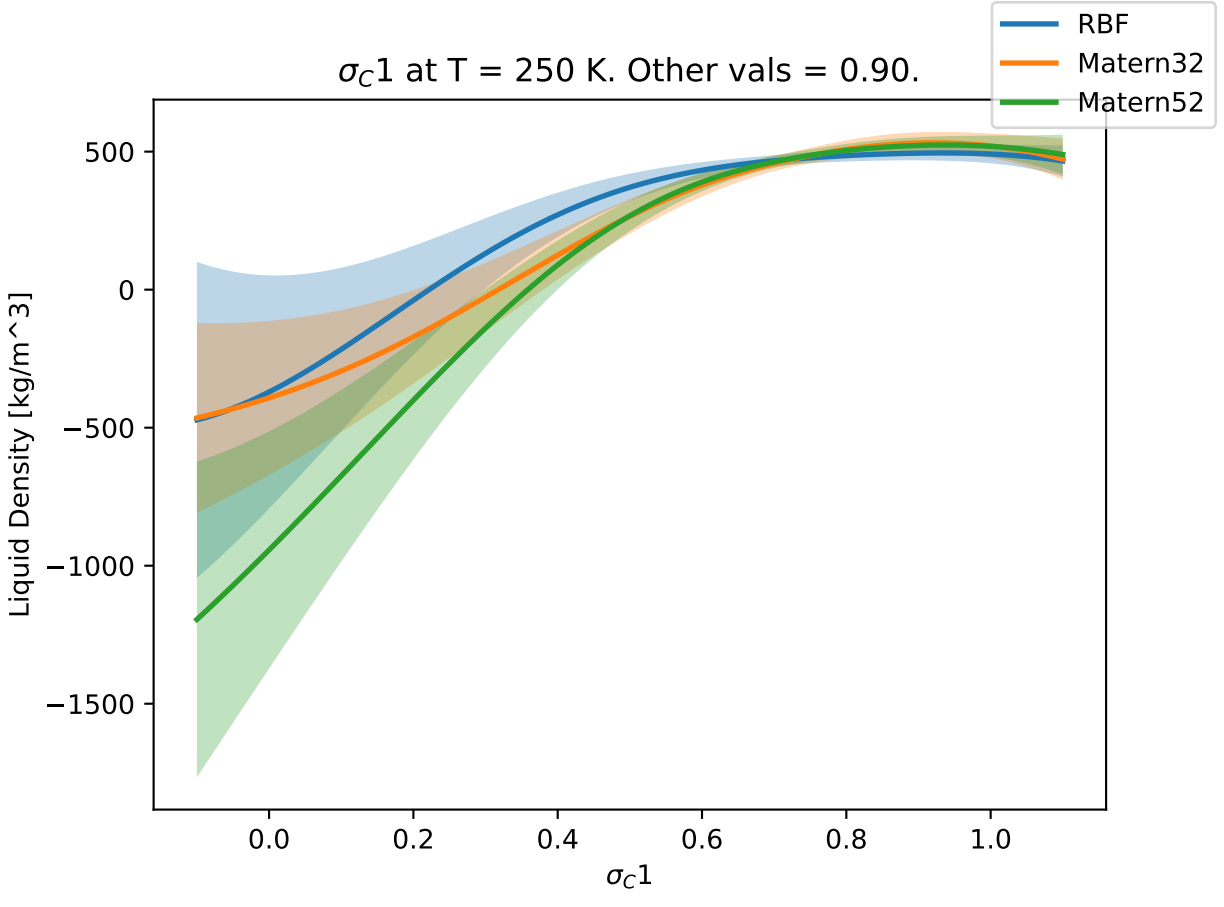

RBF
Matern32
Matern52
σ_C1 at T = 250 K. Other vals = 0.40.
Liquid Density [kg/m^3]
600
400
200
0
−200
−400
−600
−800
0.0
0.2
0.4
0.6
0.8
1.0
σ_C1

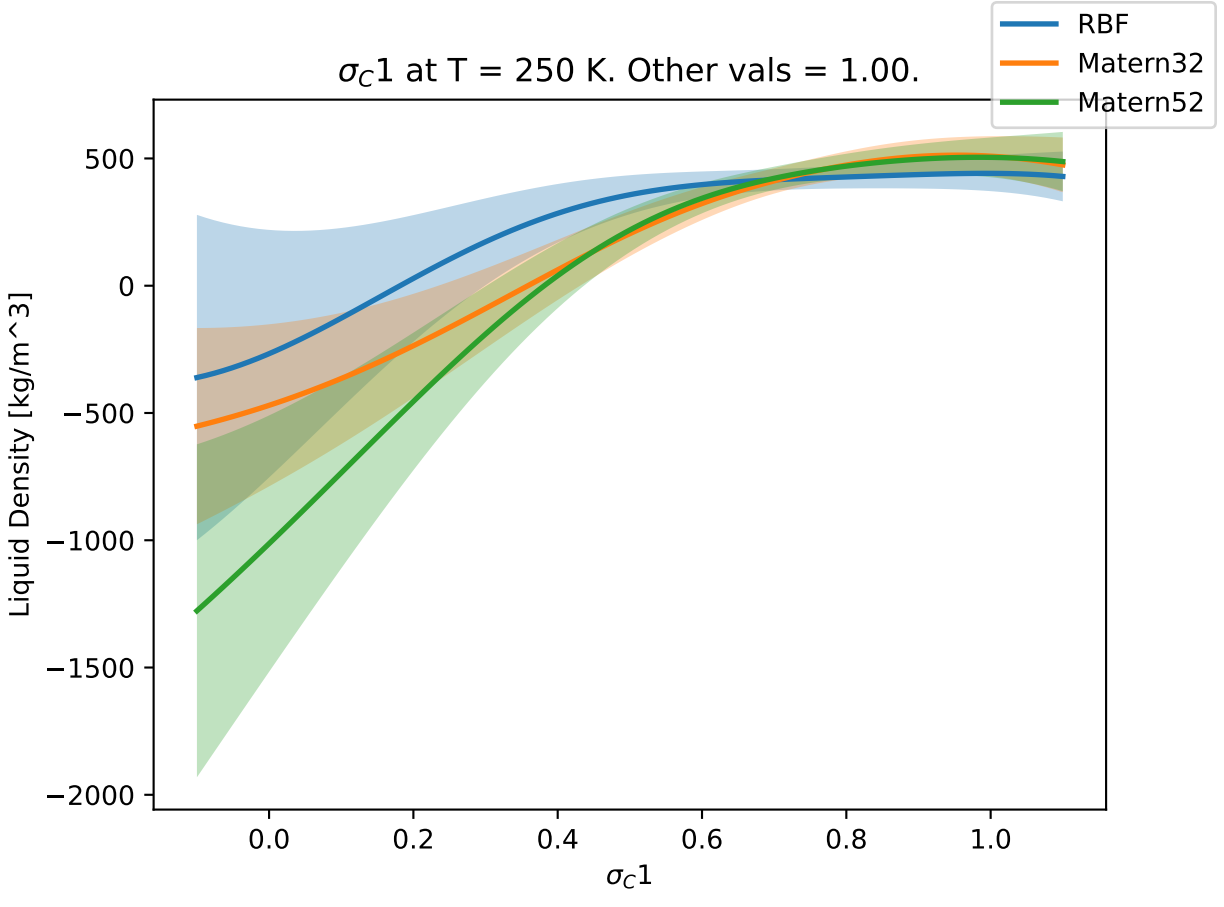

RBF
Matern32
Matern52
σ_C1 at T = 250 K. Other vals = 0.50.
Liquid Density [kg/m^3]
600
400
200
0
−200
−400
−600
−800
−1000
0.0
0.2
0.4
0.6
0.8
1.0
σ_C1

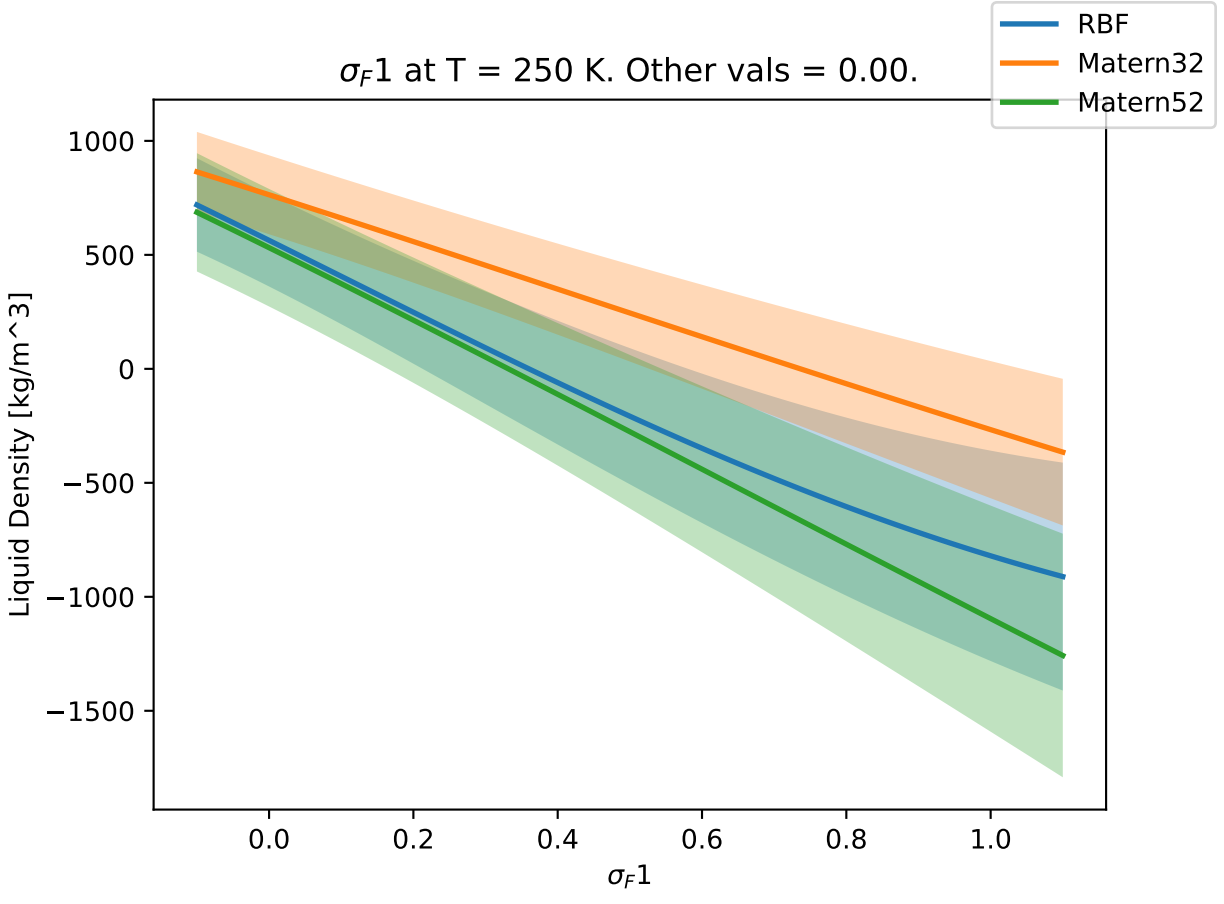

RBF
Matern32
Matern52
σ_C1 at T = 250 K. Other vals = 0.60.
Liquid Density [kg/m^3]
500
250
0
−250
−500
−750
−1000
−1250
0.0
0.2
0.4
0.6
0.8
1.0
σ_C1

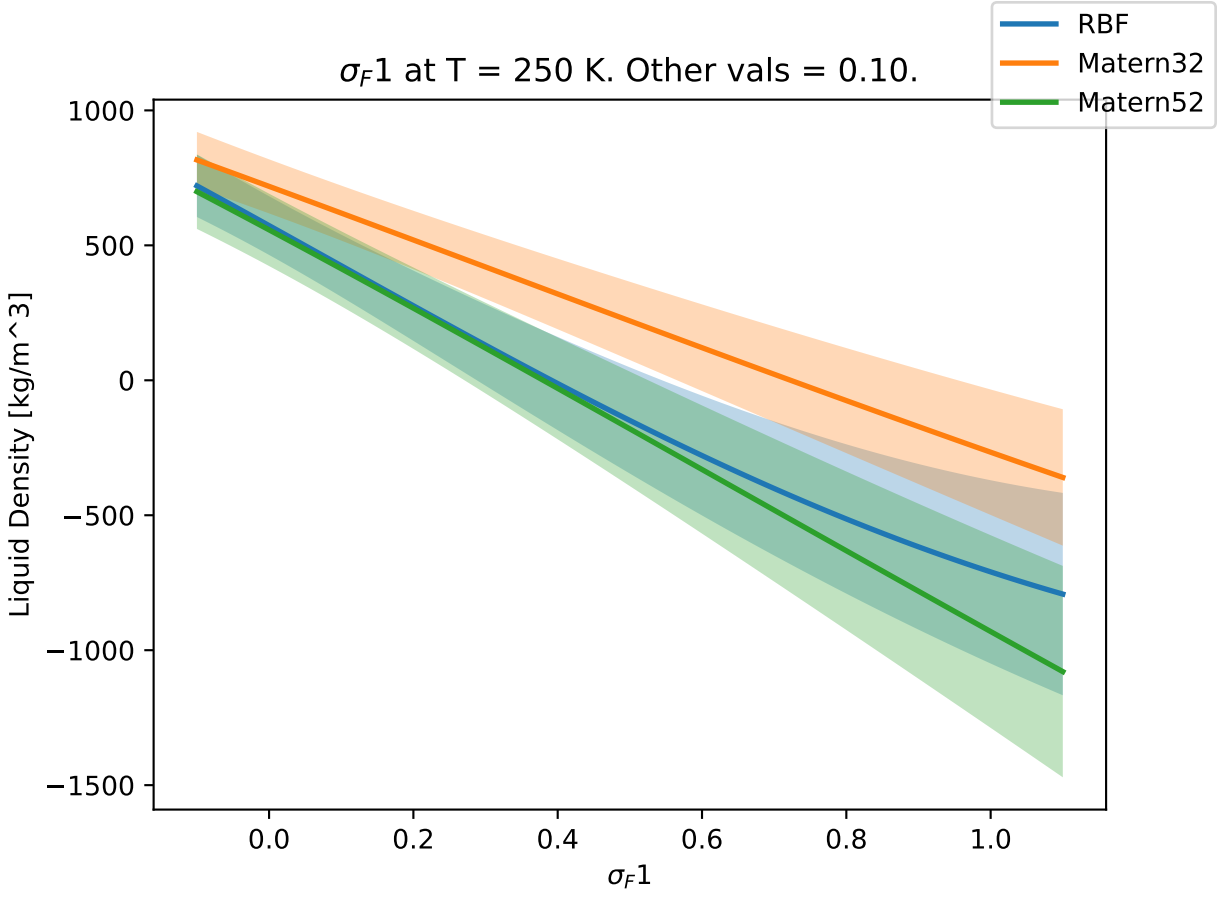

RBF
Matern32
Matern52
σ_C1 at T = 250 K. Other vals = 0.70.
Liquid Density [kg/m^3]
500
250
0
−250
−500
−750
−1000
−1250
−1500
0.0
0.2
0.4
0.6
0.8
1.0
σ_C1

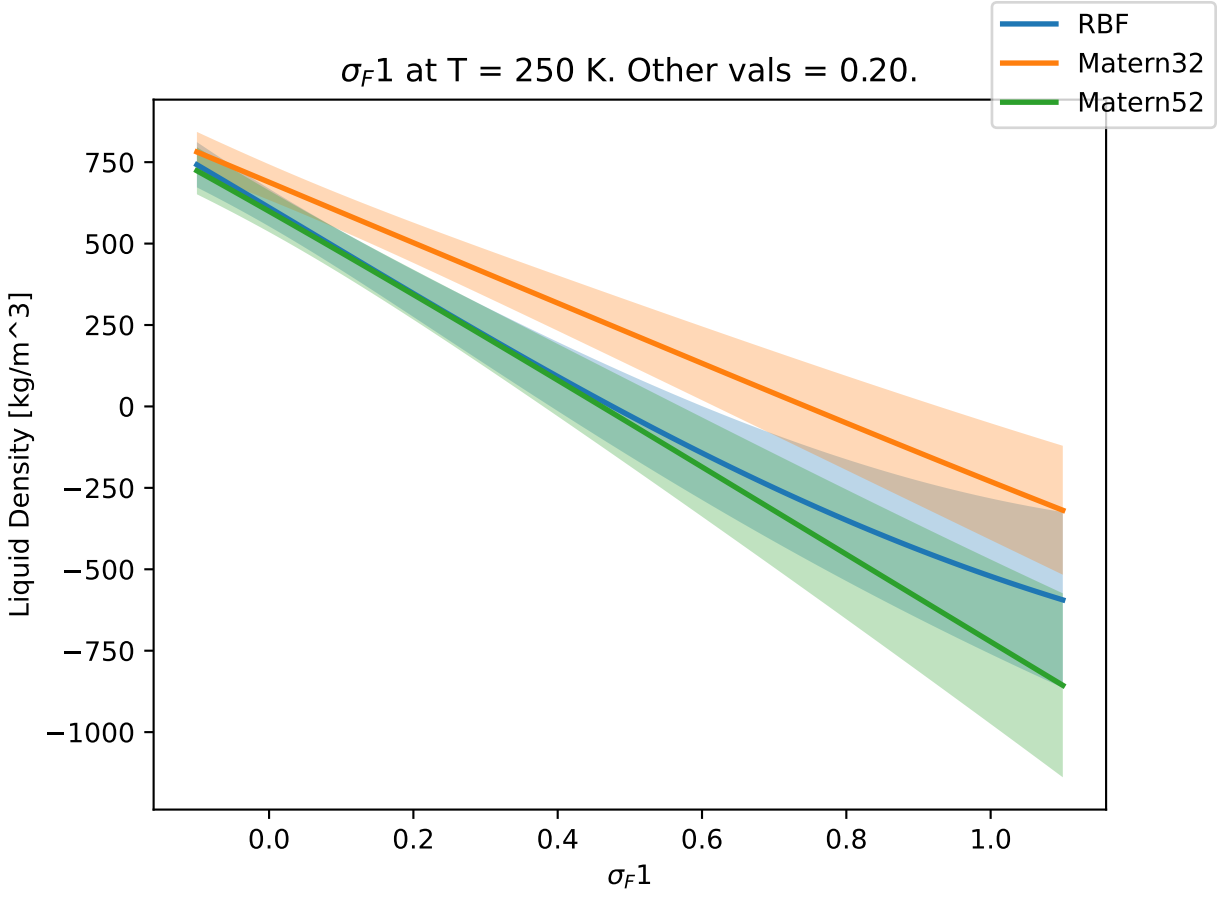

RBF
Matern32
Matern52
σ_C1 at T = 250 K. Other vals = 0.80.
500
0
−500
−1000
−1500
Liquid Density [kg/m^3]
0.0
0.2
0.4
0.6
0.8
1.0
σ_C1

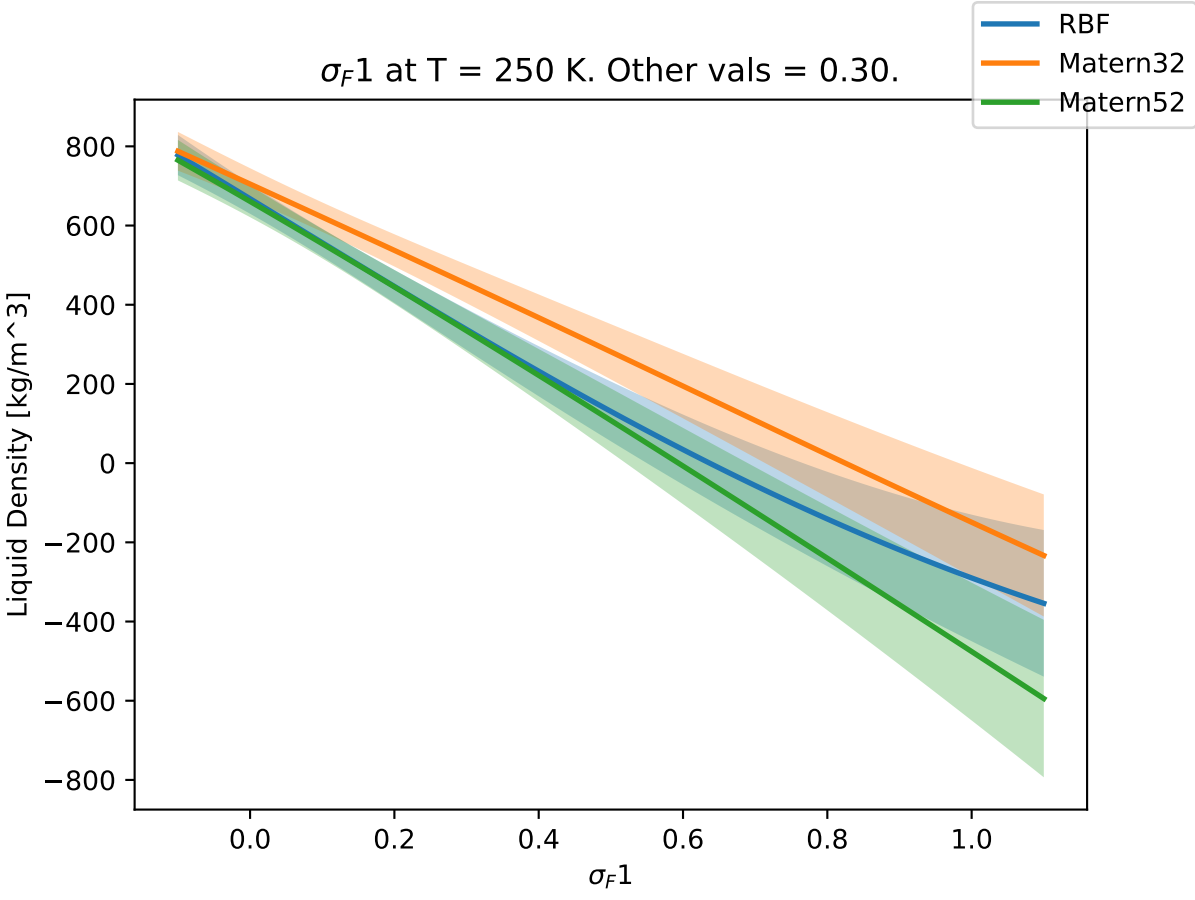

RBF
Matern32
Matern52
σ_C1 at T = 250 K. Other vals = 0.90.
500
0
−500
−1000
−1500
Liquid Density [kg/m^3]
0.0
0.2
0.4
0.6
0.8
1.0
σ_C1

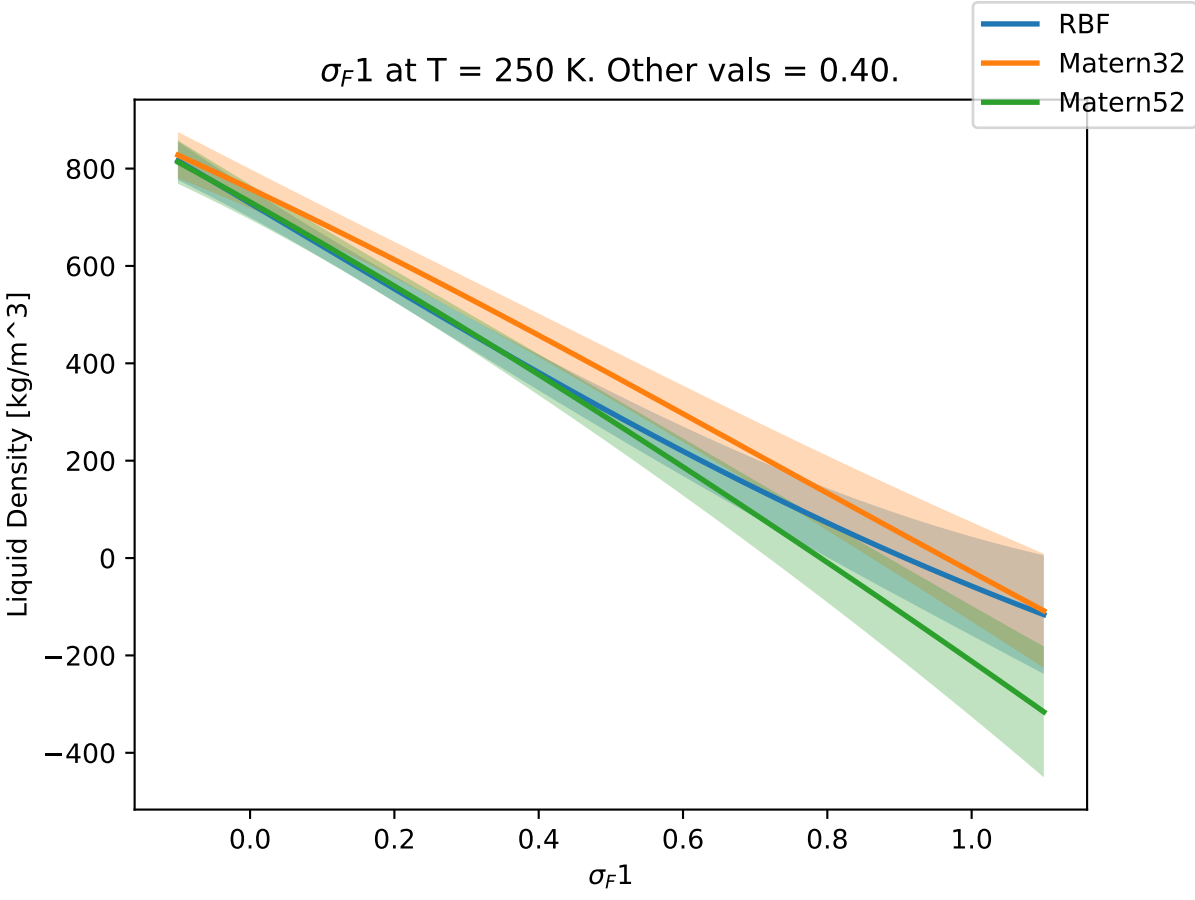

RBF
Matern32
Matern52
σ_C1 at T = 250 K. Other vals = 1.00.
500
0
−500
−1000
−1500
−2000
Liquid Density [kg/m^3]
0.0
0.2
0.4
0.6
0.8
1.0
σ_C1

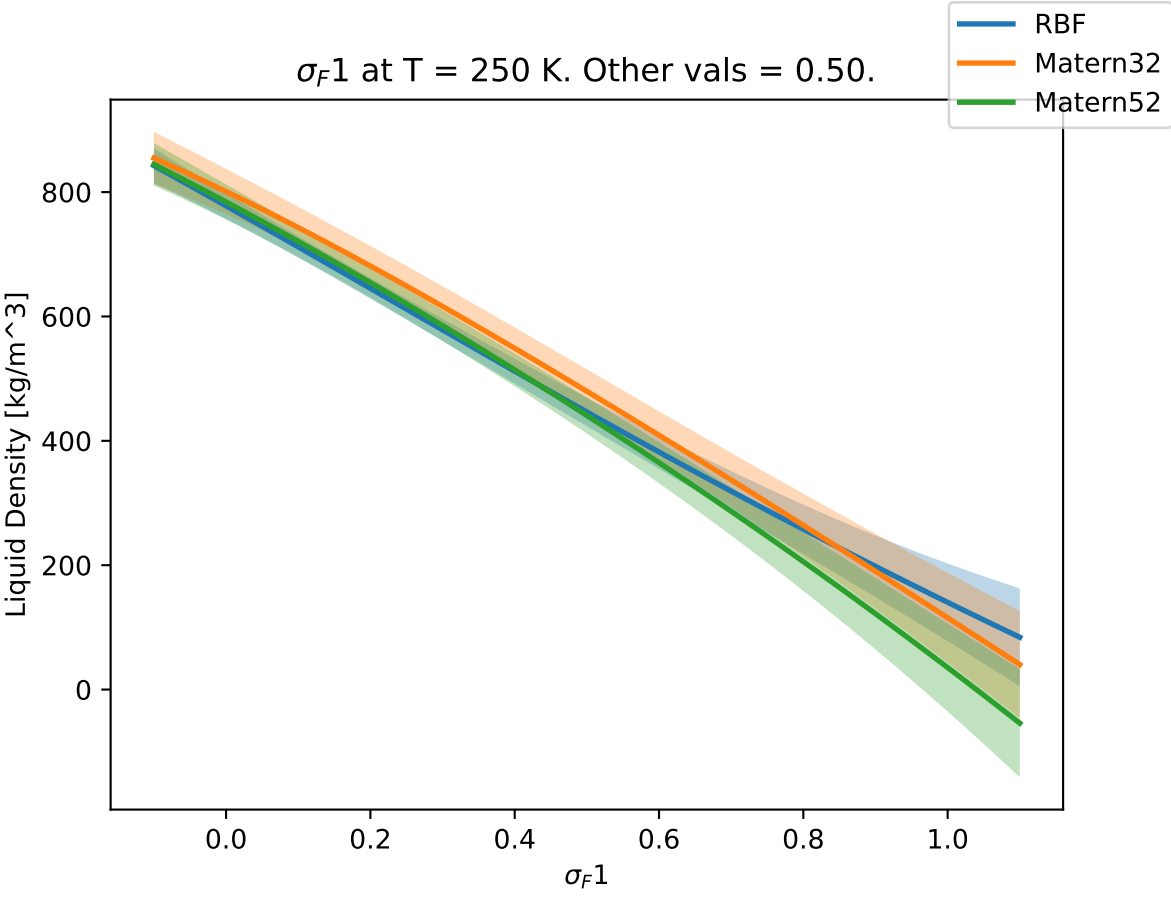

RBF
Matern32
Matern52
$\sigma_F 1$ at T = 250 K. Other vals = 0.00.
1000
500
0
−500
−1000
−1500
Liquid Density [kg/m^3]
0.0
0.2
0.4
0.6
0.8
1.0
$\sigma_F 1$

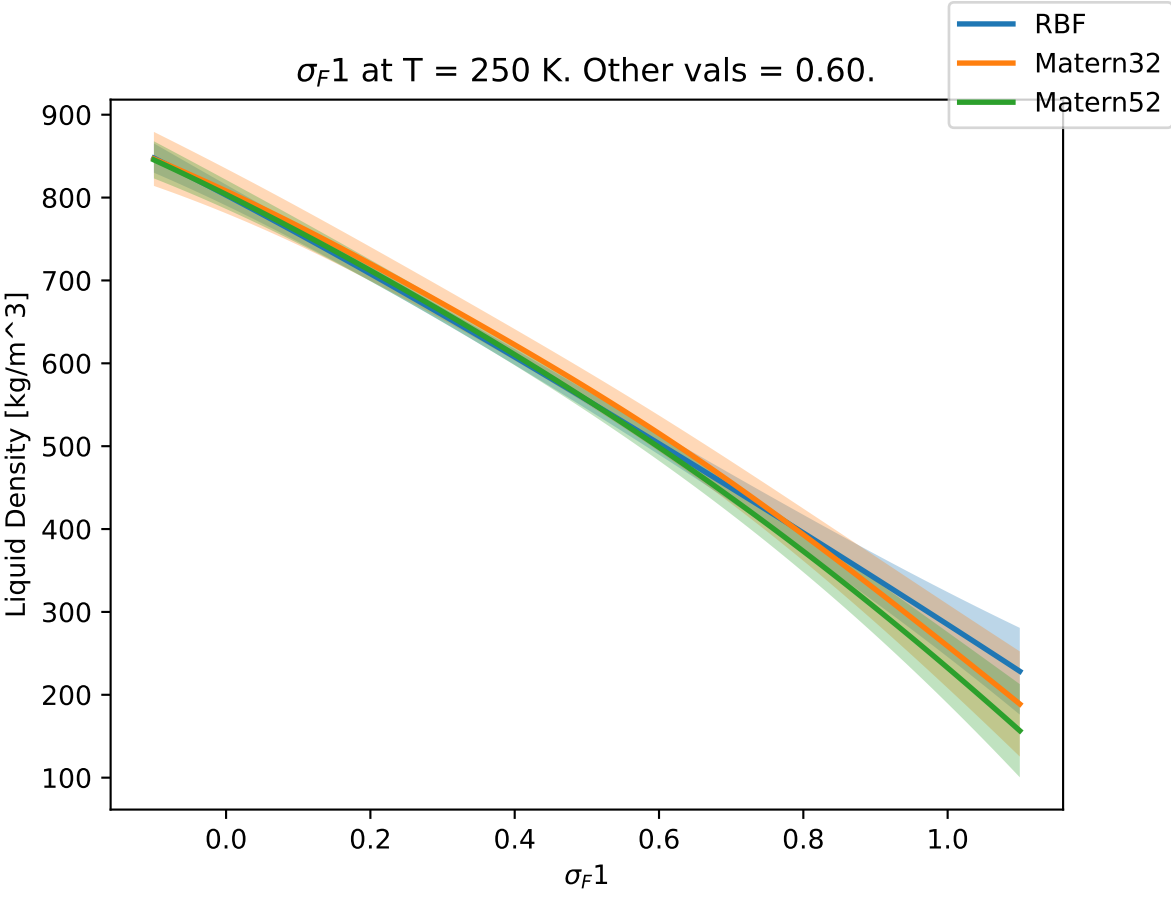

RBF
Matern32
Matern52
$\sigma_F 1$ at T = 250 K. Other vals = 0.10.
1000
500
0
−500
−1000
−1500
Liquid Density [kg/m^3]
0.0
0.2
0.4
0.6
0.8
1.0
$\sigma_F 1$

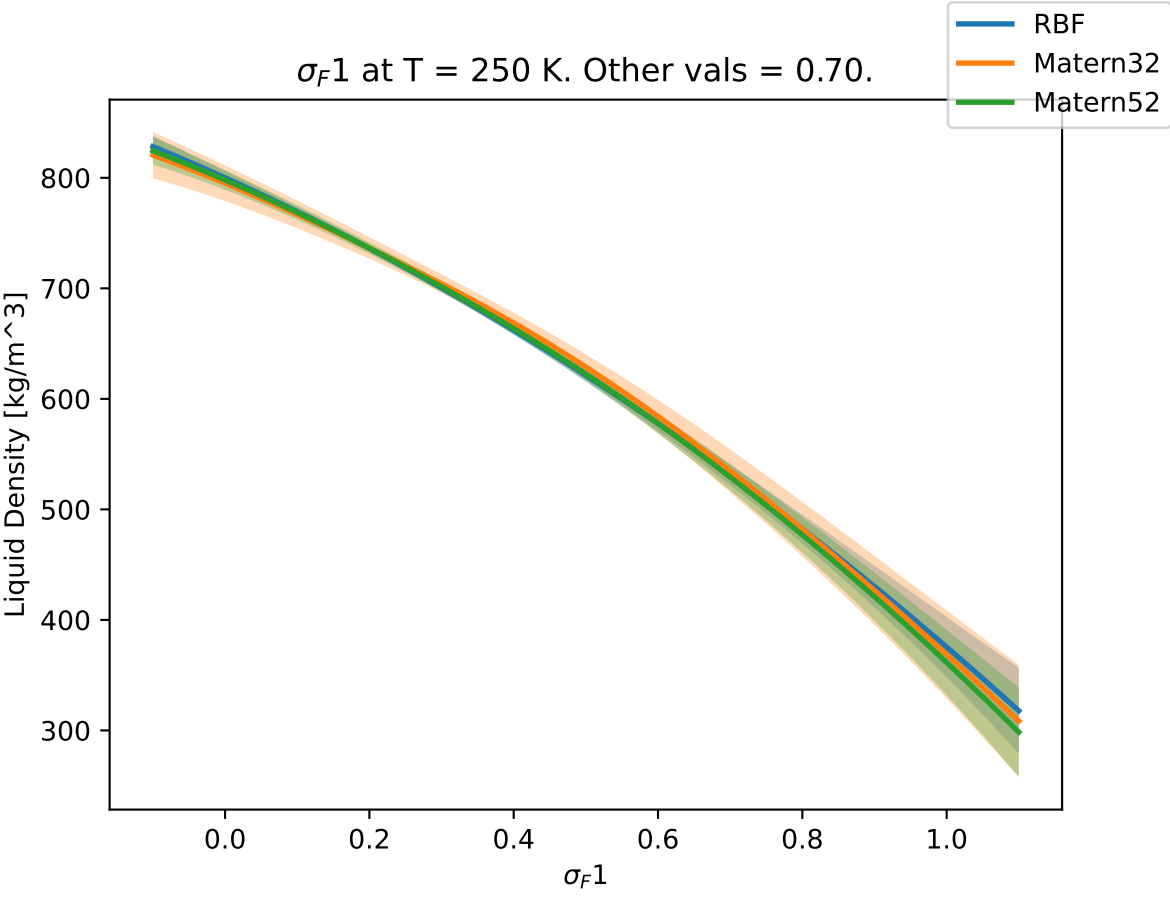

RBF
Matern32
Matern52
$\sigma_F 1$ at T = 250 K. Other vals = 0.20.
Liquid Density [kg/m^3]
750
500
250
0
−250
−500
−750
−1000
0.0
0.2
0.4
0.6
0.8
1.0
$\sigma_F 1$

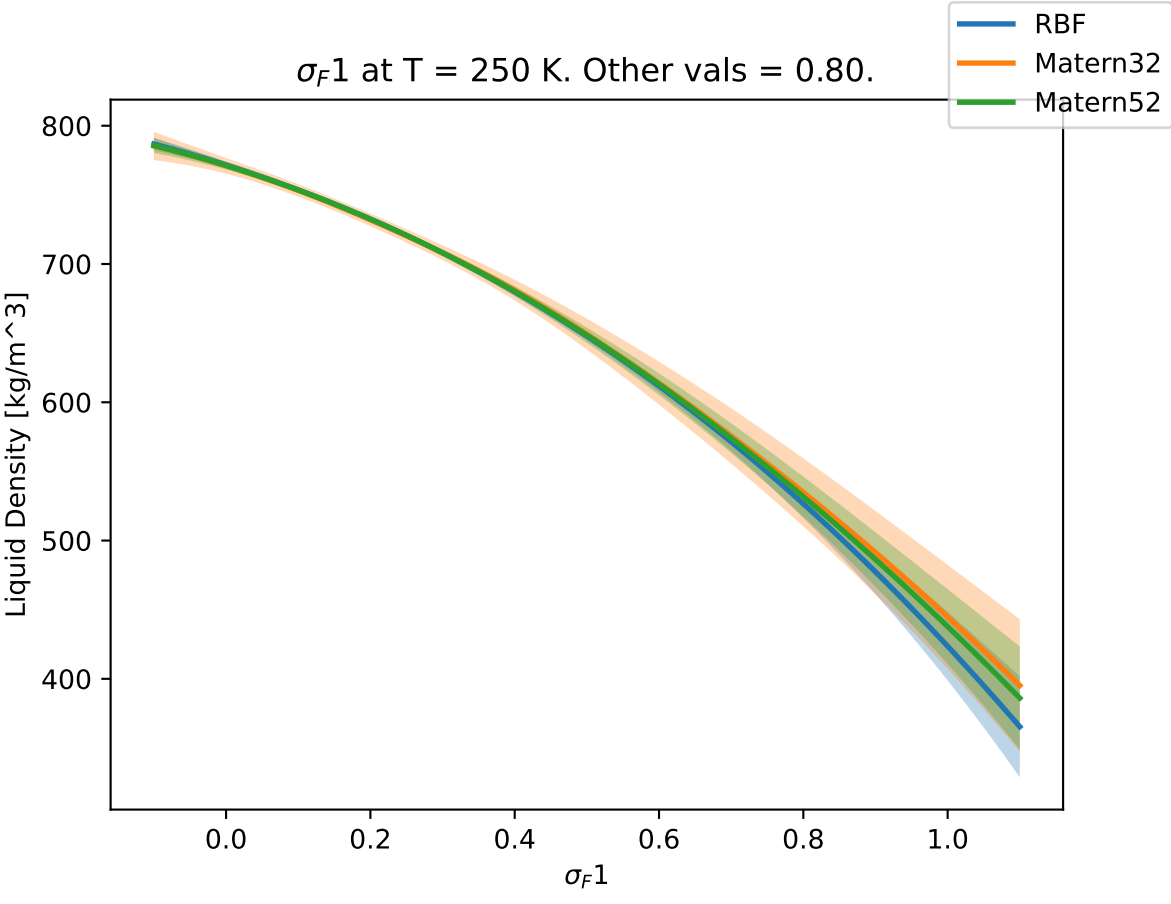

RBF
Matern32
Matern52
$\sigma_F 1$ at T = 250 K. Other vals = 0.30.
Liquid Density [kg/m^3]
800
600
400
200
0
−200
−400
−600
−800
0.0
0.2
0.4
0.6
0.8
1.0
$\sigma_F 1$

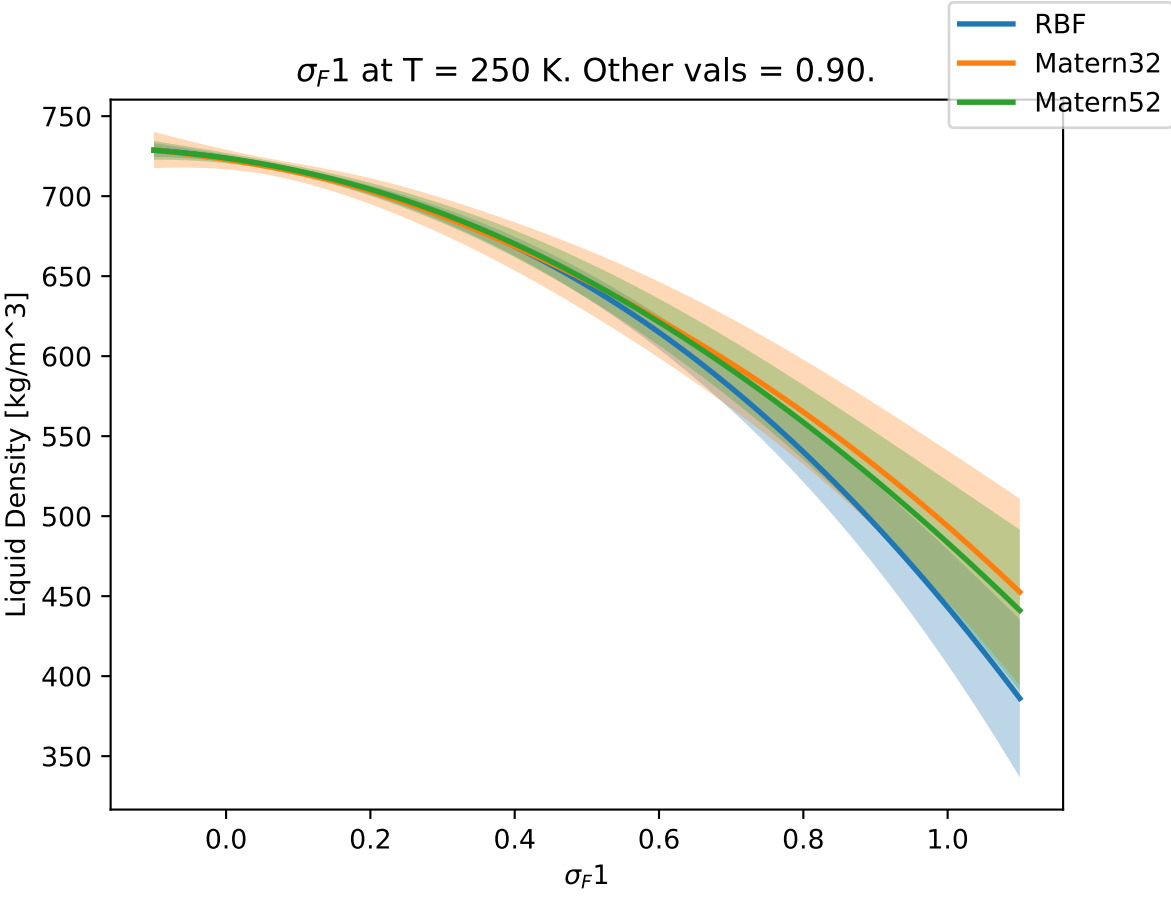

RBF
Matern32
Matern52
$\sigma_F 1$ at T = 250 K. Other vals = 0.40.
Liquid Density [kg/m^3]
800
600
400
200
0
−200
−400
0.0
0.2
0.4
0.6
0.8
1.0
$\sigma_F 1$

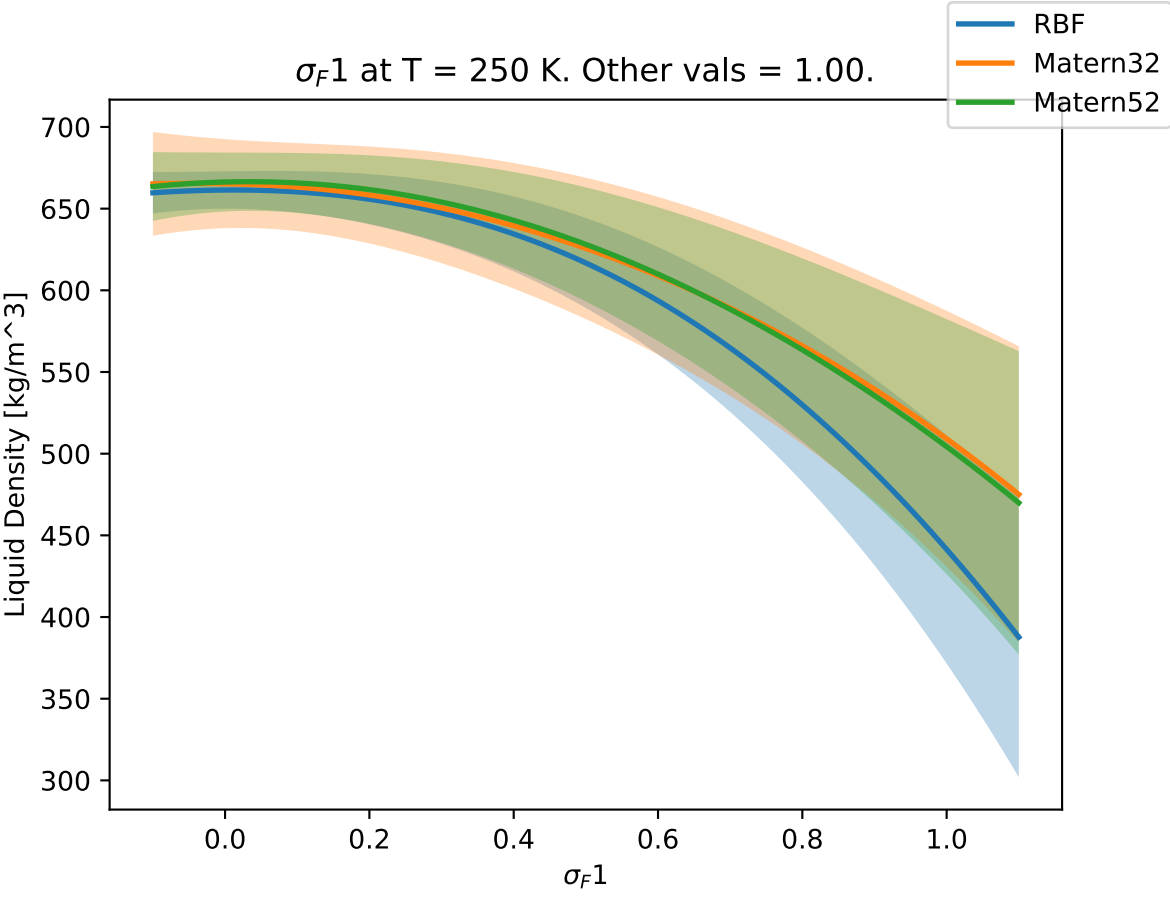

RBF
Matern32
Matern52
$\sigma_F 1$ at T = 250 K. Other vals = 0.50.
Liquid Density [kg/m^3]
800
600
400
200
0
0.0
0.2
0.4
0.6
0.8
1.0
$\sigma_F 1$

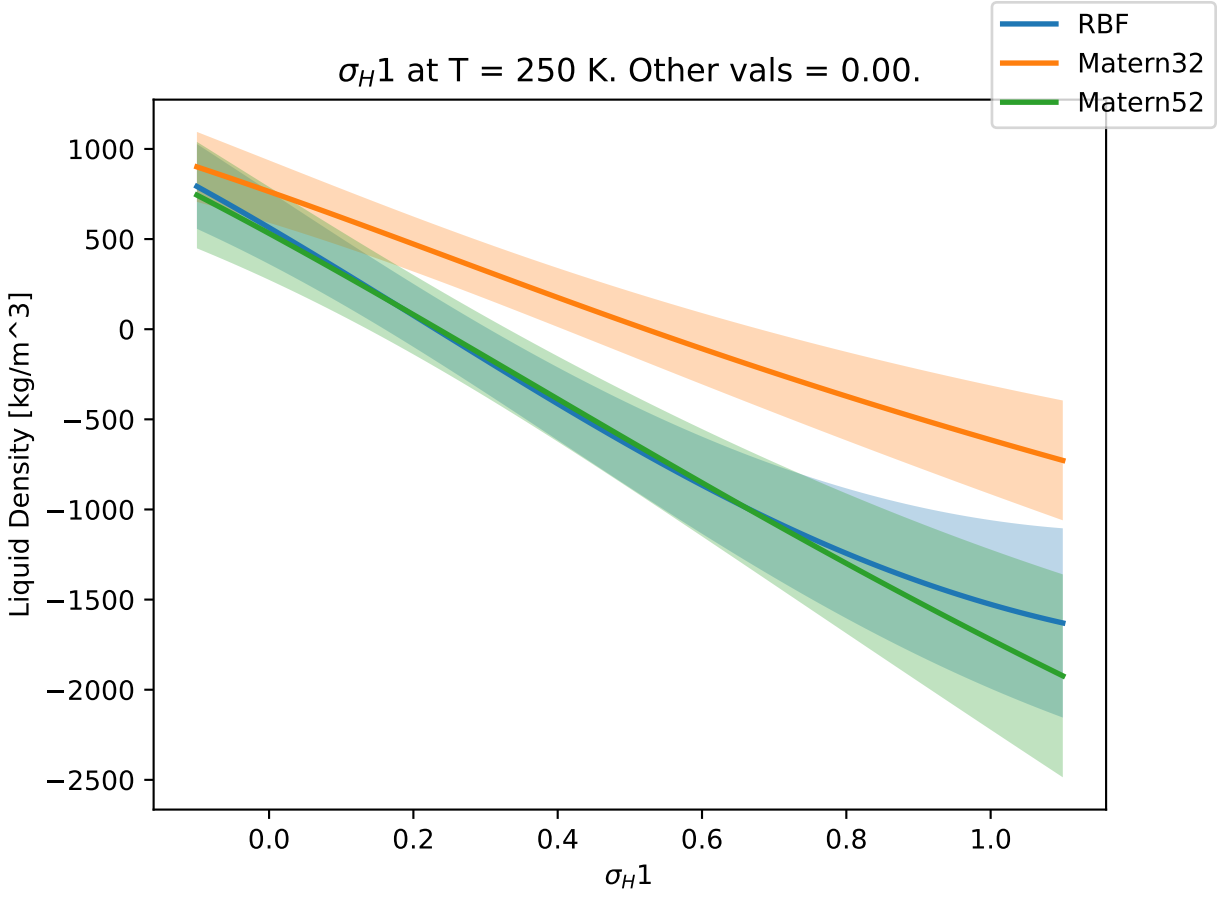

RBF
Matern32
Matern52
$\sigma_F 1$ at T = 250 K. Other vals = 0.60.
Liquid Density [kg/m^3]
900
800
700
600
500
400
300
200
100
0.0
0.2
0.4
0.6
0.8
1.0
$\sigma_F 1$

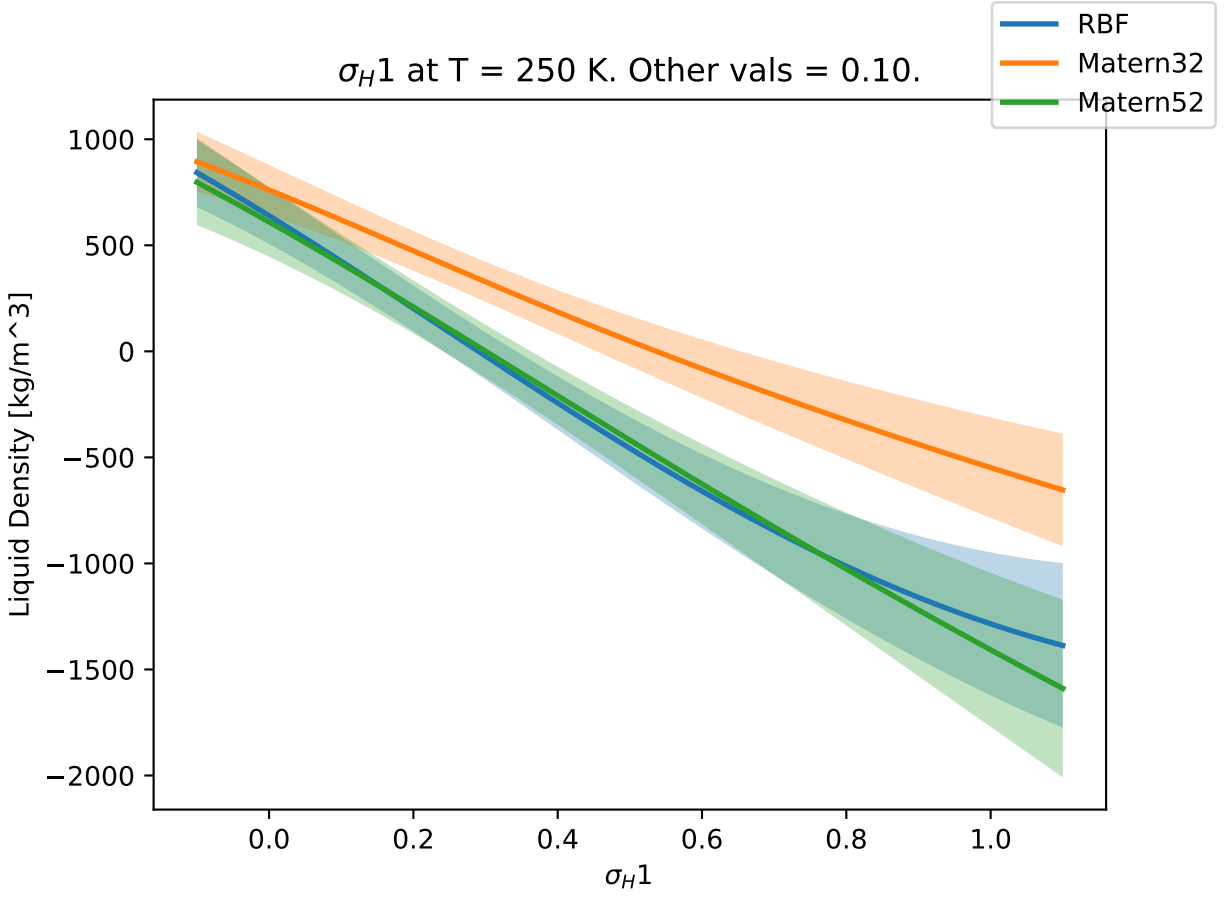

RBF
Matern32
Matern52
$\sigma_F 1$ at T = 250 K. Other vals = 0.70.
Liquid Density [kg/m^3]
800
700
600
500
400
300
0.0
0.2
0.4
0.6
0.8
1.0
$\sigma_F 1$

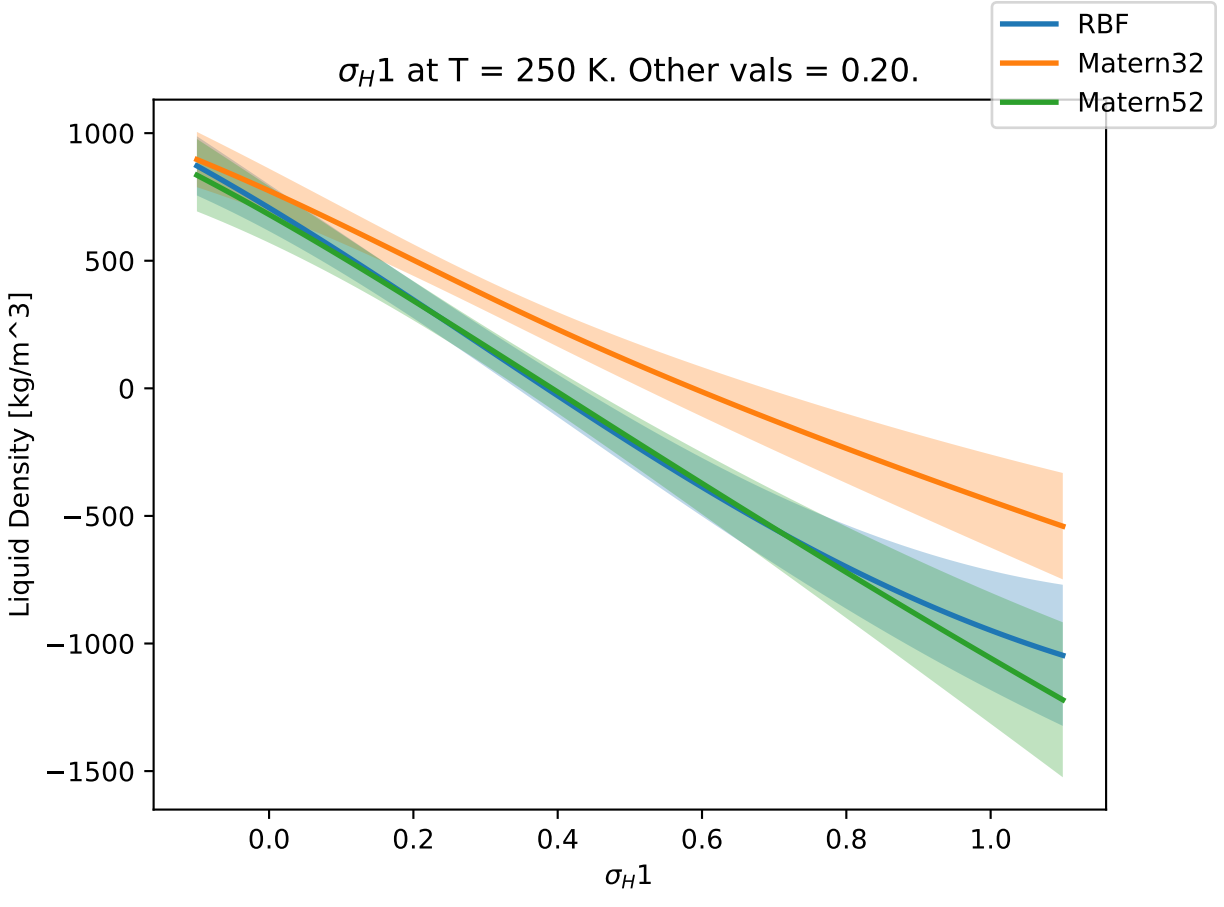

RBF
Matern32
Matern52
$\sigma_F 1$ at T = 250 K. Other vals = 0.80.
800
700
600
500
400
Liquid Density [kg/m^3]
0.0
0.2
0.4
0.6
0.8
1.0
$\sigma_F 1$

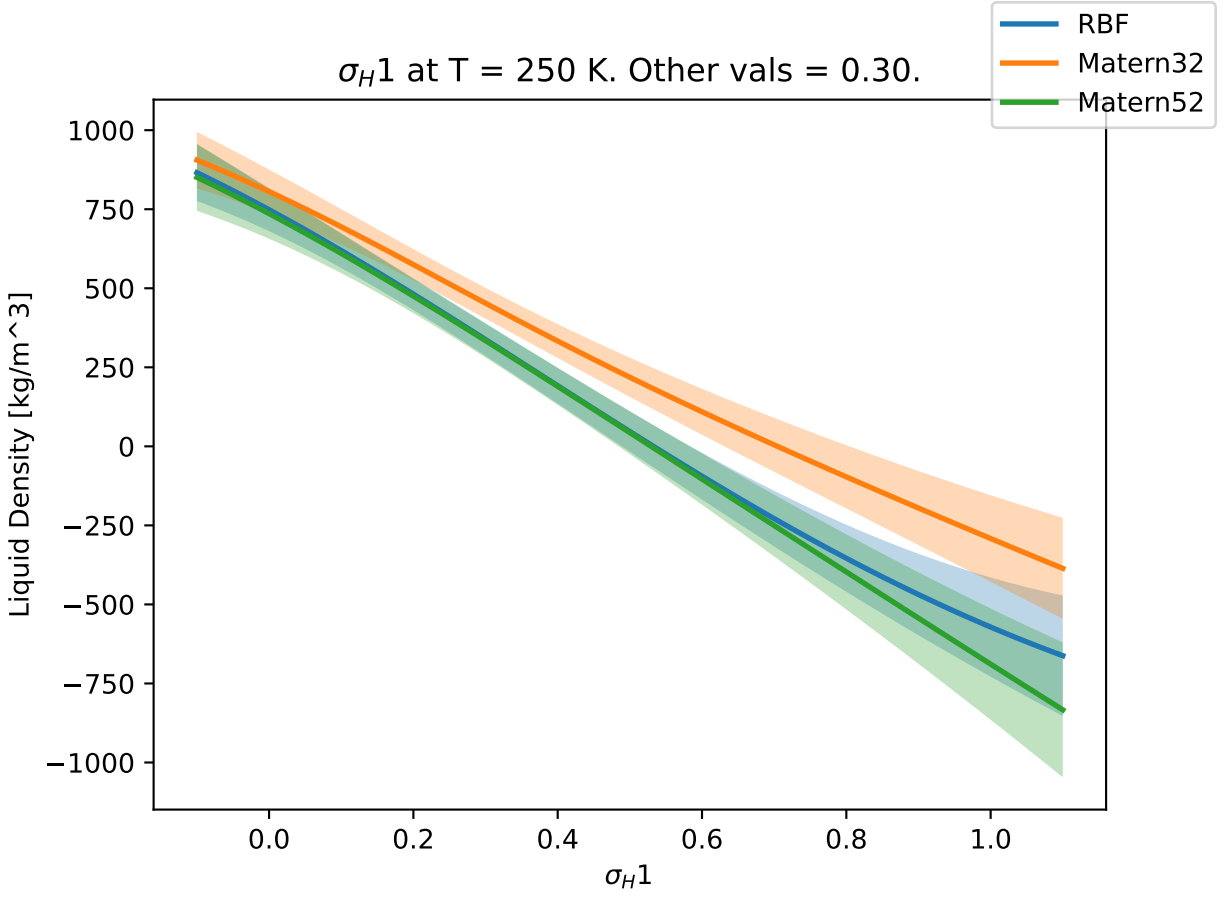

RBF
Matern32
Matern52
$\sigma_F 1$ at T = 250 K. Other vals = 0.90.
Liquid Density [kg/m^3]
750
700
650
600
550
500
450
400
350
0.0
0.2
0.4
0.6
0.8
1.0
$\sigma_F 1$

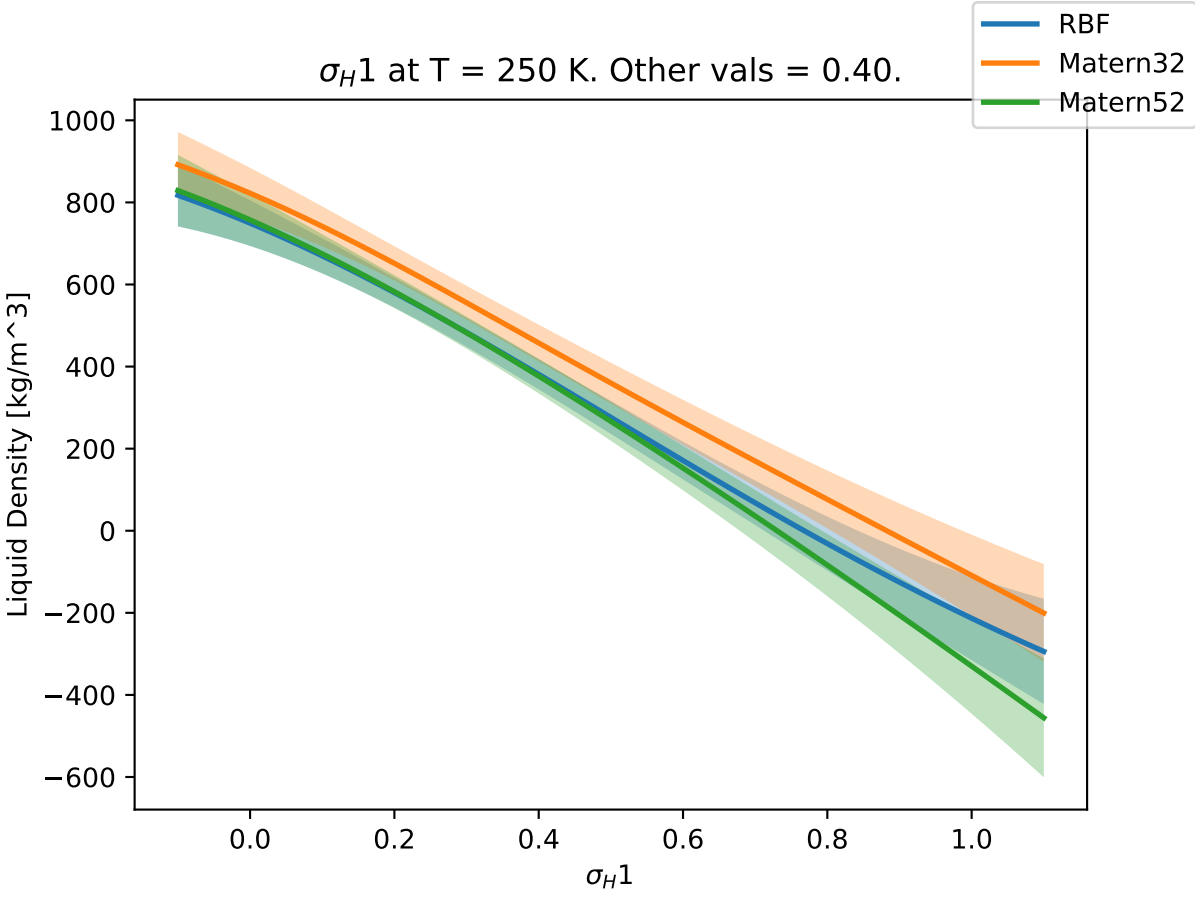

RBF
Matern32
Matern52
$\sigma_F 1$ at T = 250 K. Other vals = 1.00.
Liquid Density [kg/m^3]
700
650
600
550
500
450
400
350
300
0.0
0.2
0.4
0.6
0.8
1.0
$\sigma_F 1$

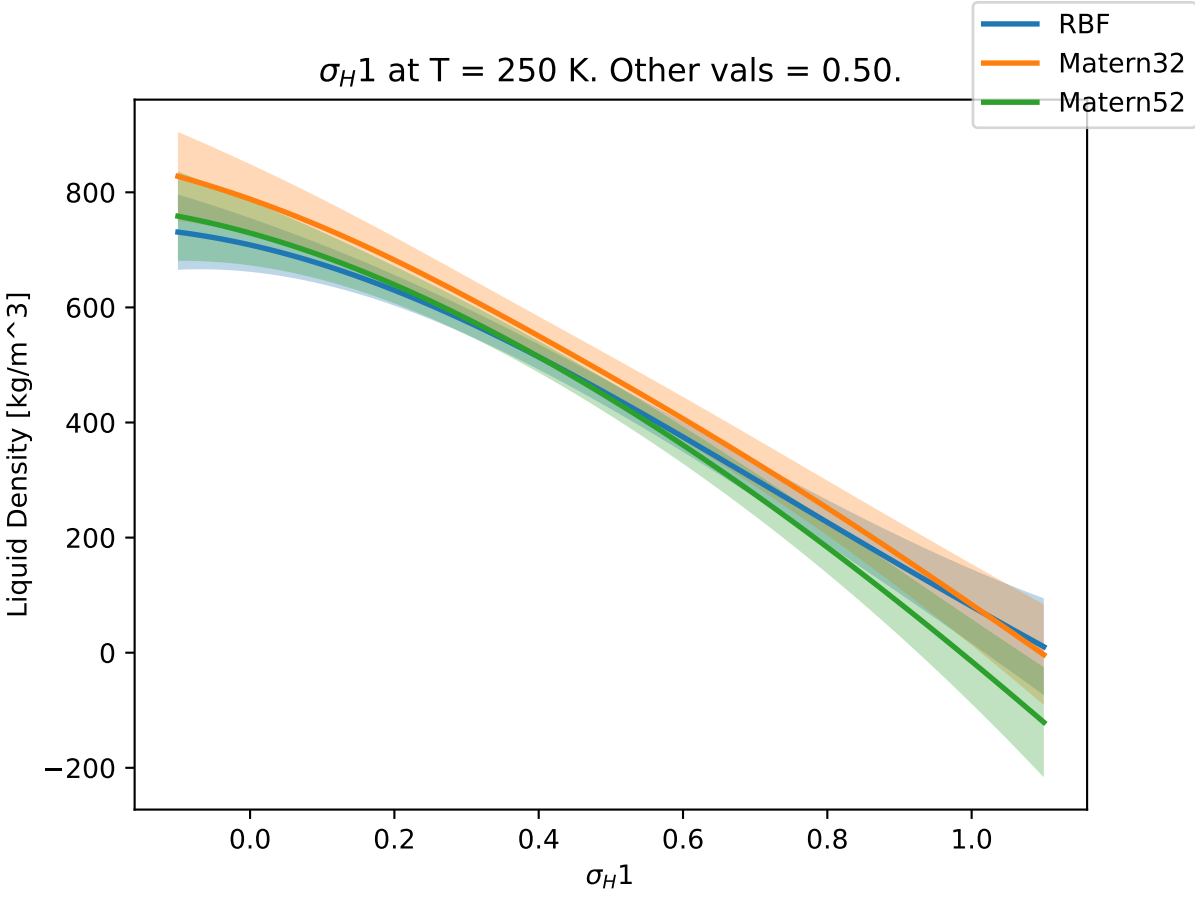

RBF
Matern32
Matern52
$\sigma_H 1$ at T = 250 K. Other vals = 0.00.
Liquid Density [kg/m^3]
1000
500
0
−500
−1000
−1500
−2000
−2500
0.0
0.2
0.4
0.6
0.8
1.0
$\sigma_H 1$

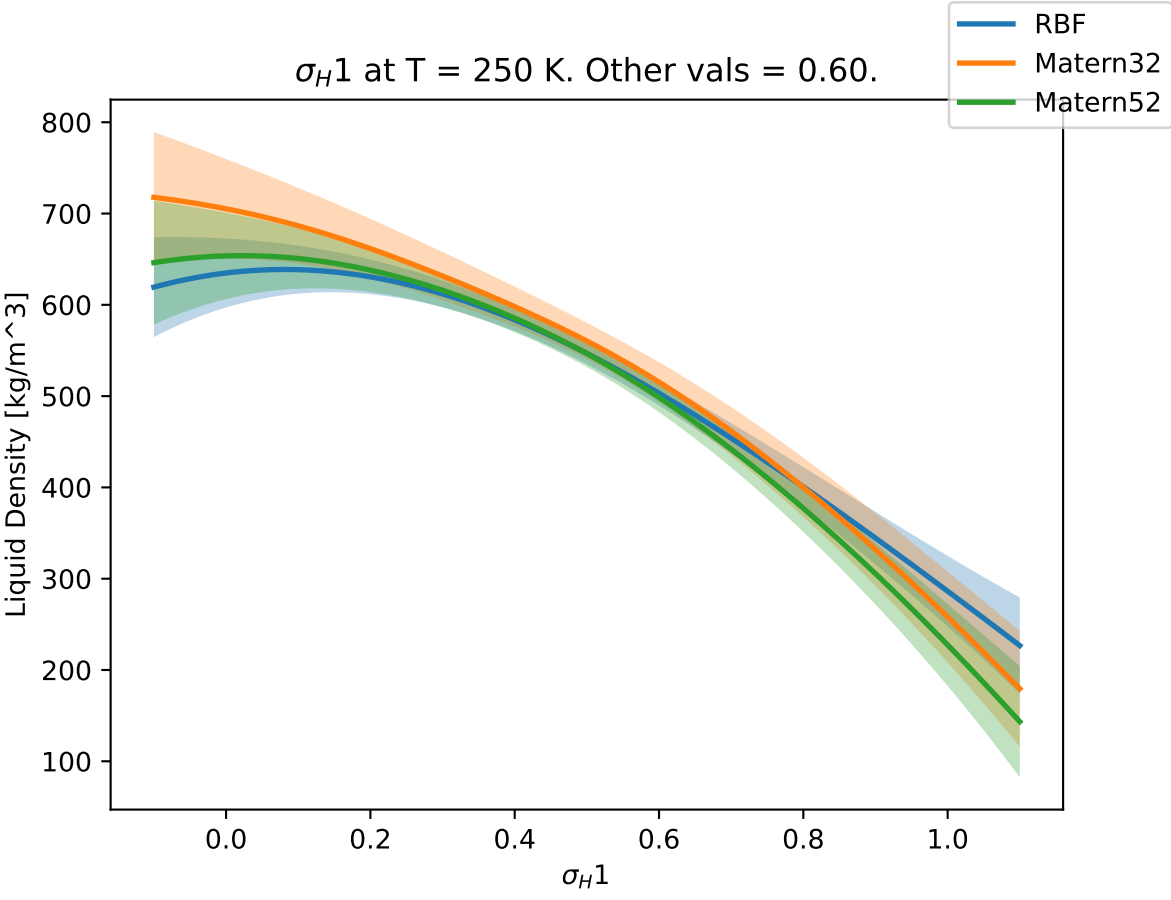

RBF
Matern32
Matern52
$\sigma_H 1$ at T = 250 K. Other vals = 0.10.
1000
500
0
−500
−1000
−1500
−2000
Liquid Density [kg/m^3]
0.0
0.2
0.4
0.6
0.8
1.0
$\sigma_H 1$

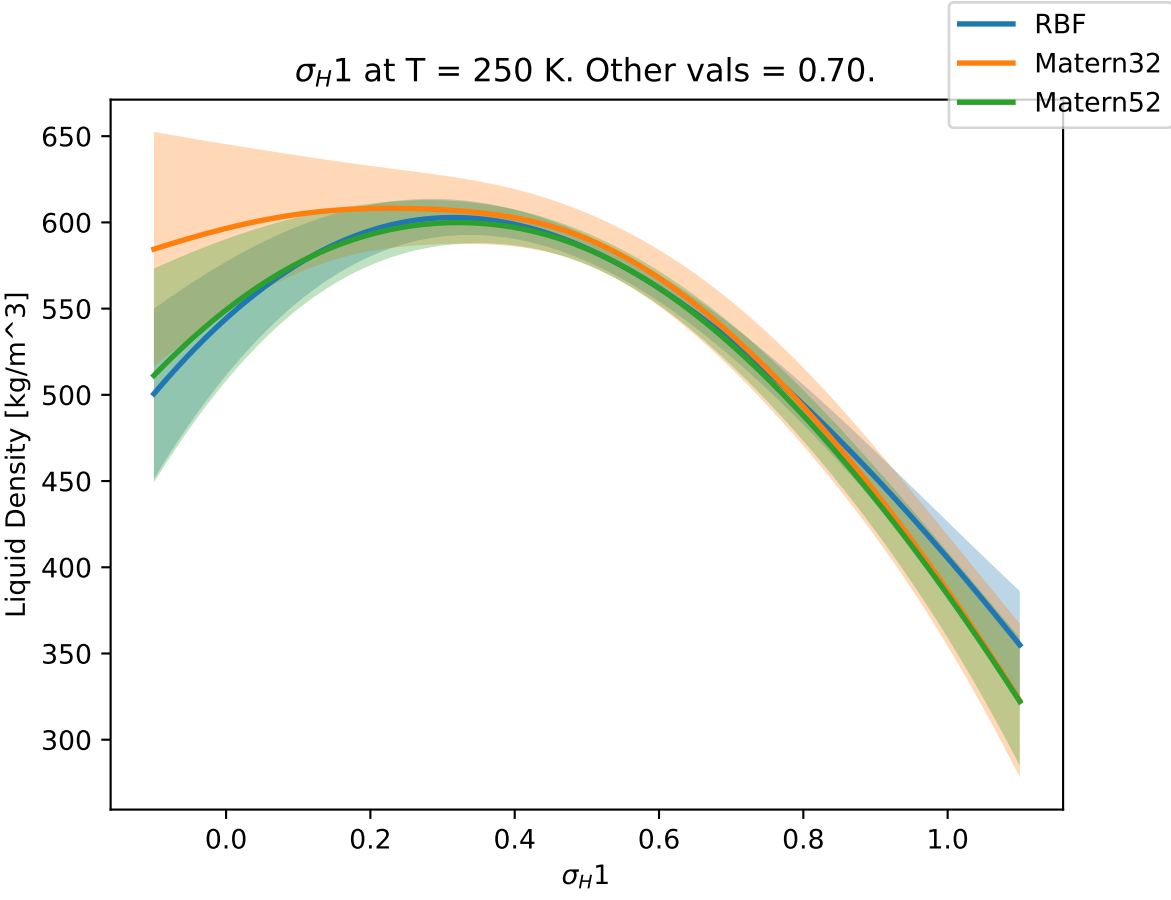

RBF
Matern32
Matern52
$\sigma_H 1$ at T = 250 K. Other vals = 0.20.
1000
500
0
−500
−1000
−1500
Liquid Density [kg/m^3]
0.0
0.2
0.4
0.6
0.8
1.0
$\sigma_H 1$

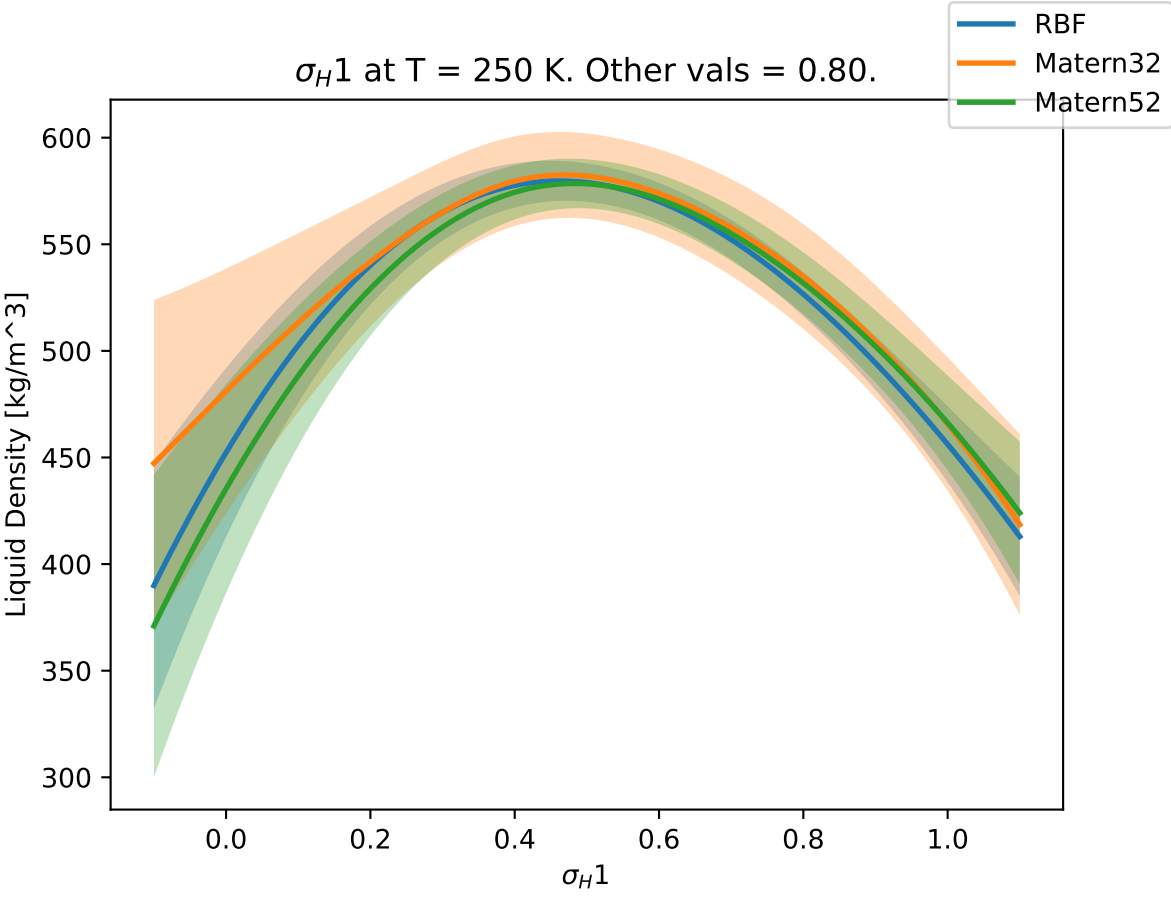

RBF
Matern32
Matern52
$\sigma_H 1$ at T = 250 K. Other vals = 0.30.
1000
750
500
250
0
−250
−500
−750
−1000
Liquid Density [kg/m^3]
0.0
0.2
0.4
0.6
0.8
1.0
$\sigma_H 1$

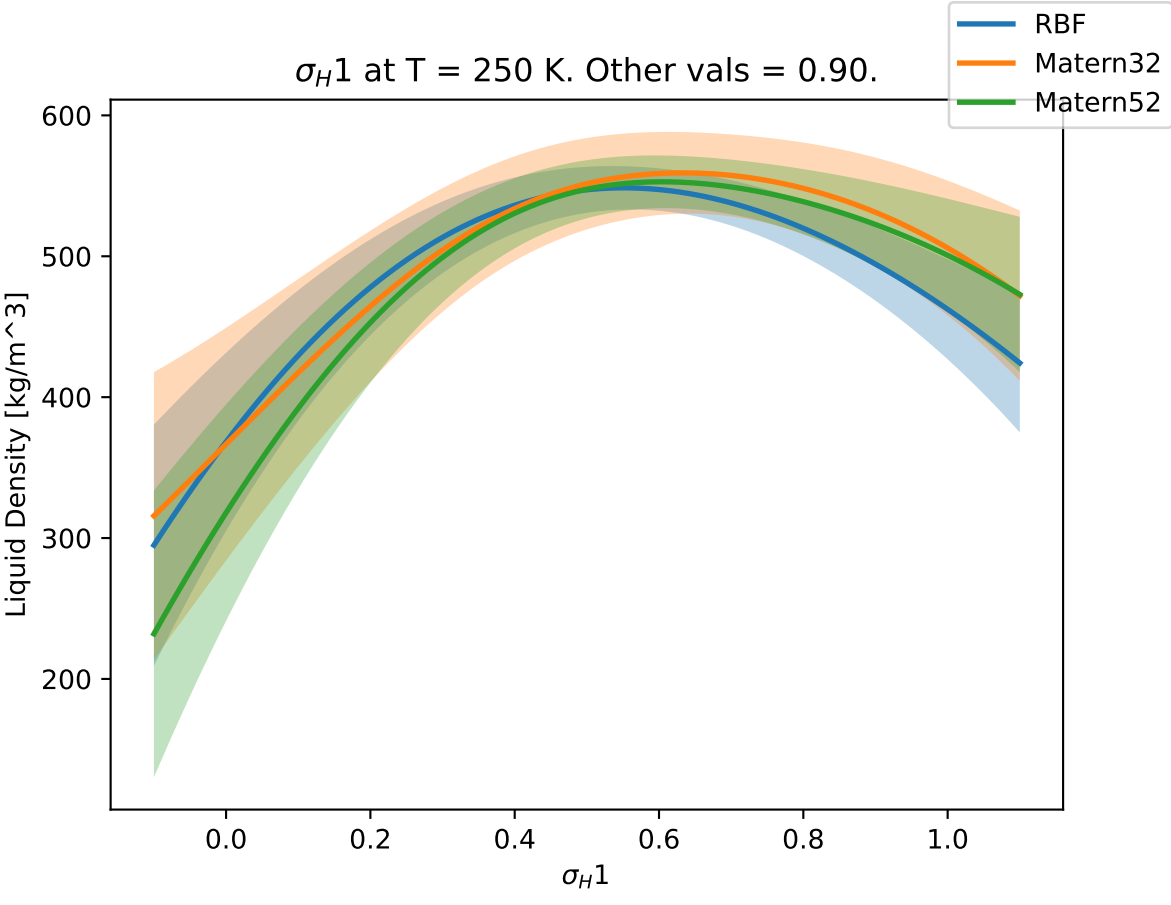

RBF
Matern32
Matern52
$\sigma_H 1$ at T = 250 K. Other vals = 0.40.
Liquid Density [kg/m^3]
1000
800
600
400
200
0
−200
−400
−600
0.0
0.2
0.4
0.6
0.8
1.0
$\sigma_H 1$

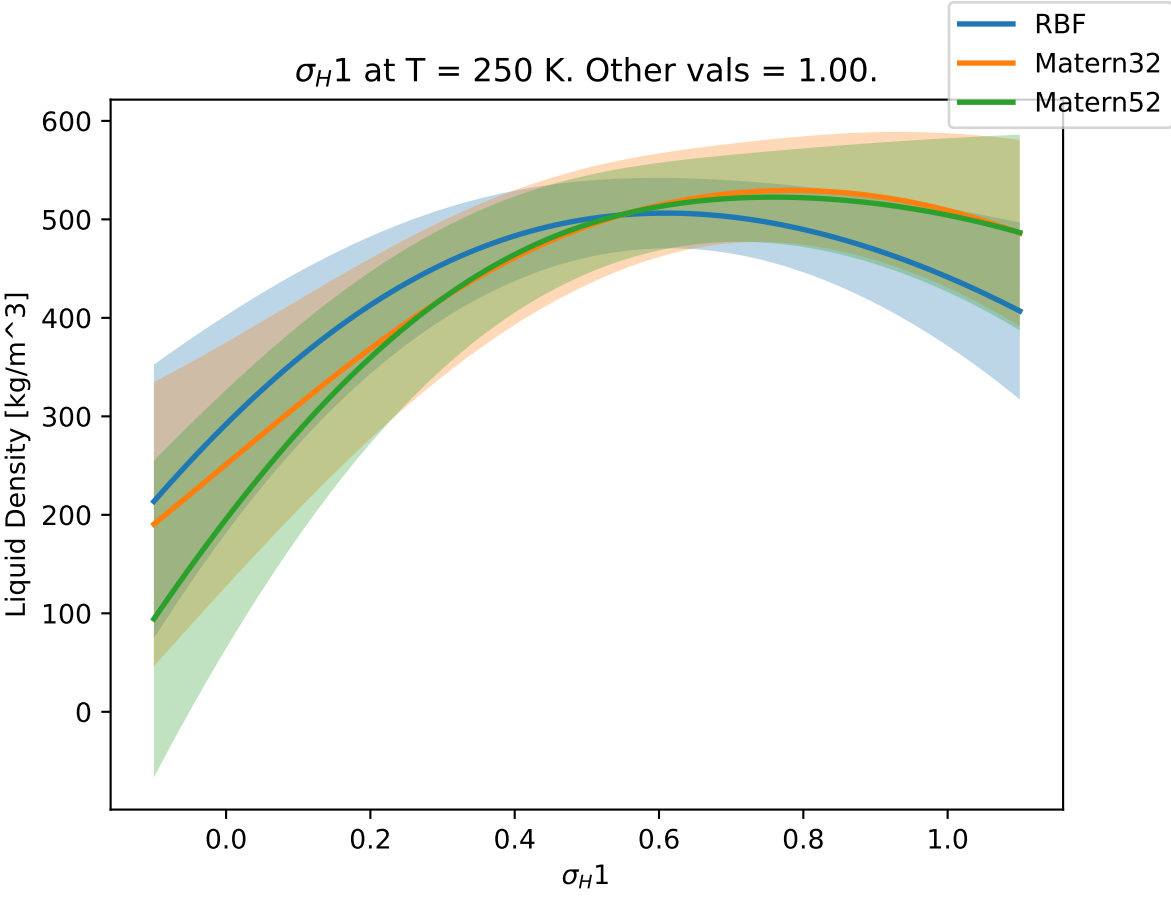

RBF
Matern32
Matern52
$\sigma_H 1$ at T = 250 K. Other vals = 0.50.
Liquid Density [kg/m^3]
800
600
400
200
0
−200
0.0
0.2
0.4
0.6
0.8
1.0
$\sigma_H 1$

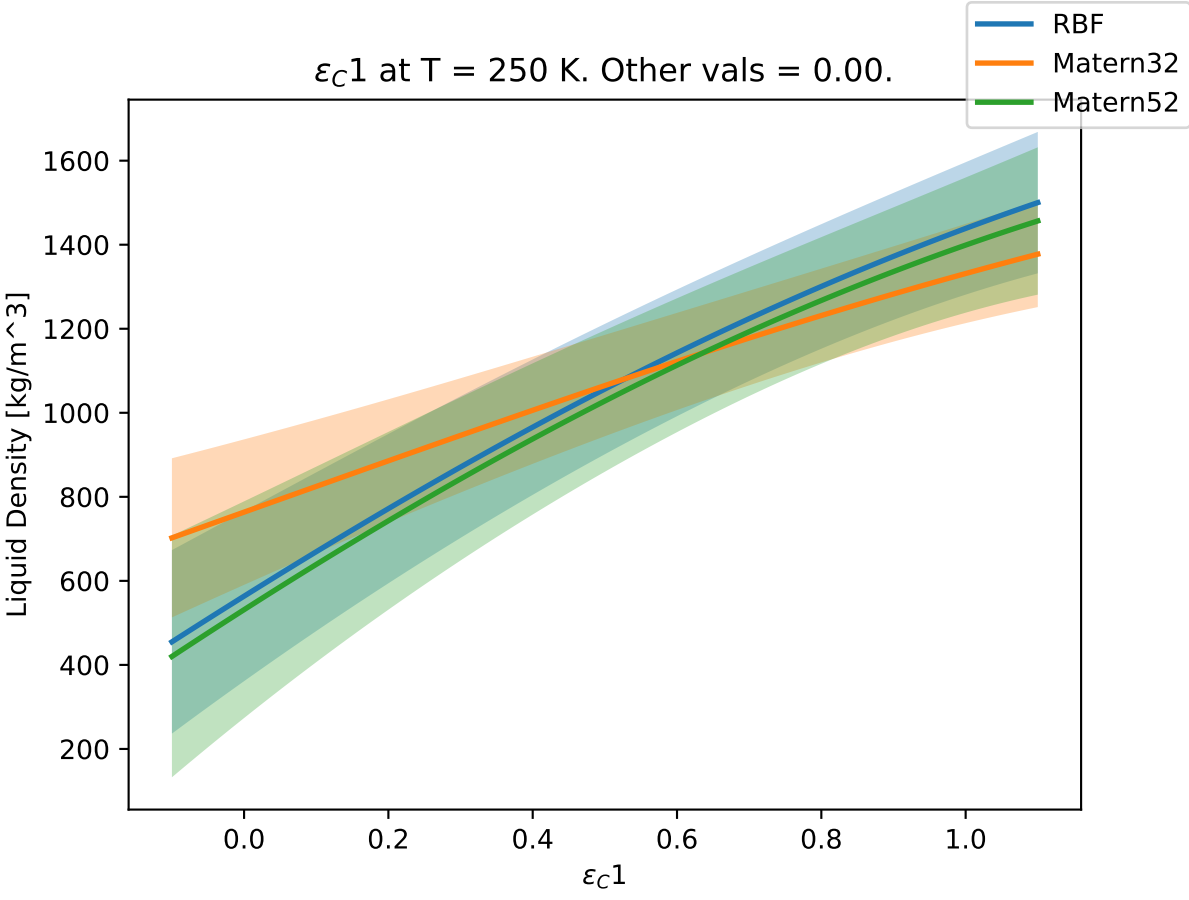

RBF
Matern32
Matern52
$\sigma_H 1$ at T = 250 K. Other vals = 0.60.
Liquid Density [kg/m^3]
800
700
600
500
400
300
200
100
0.0
0.2
0.4
0.6
0.8
1.0
$\sigma_H 1$

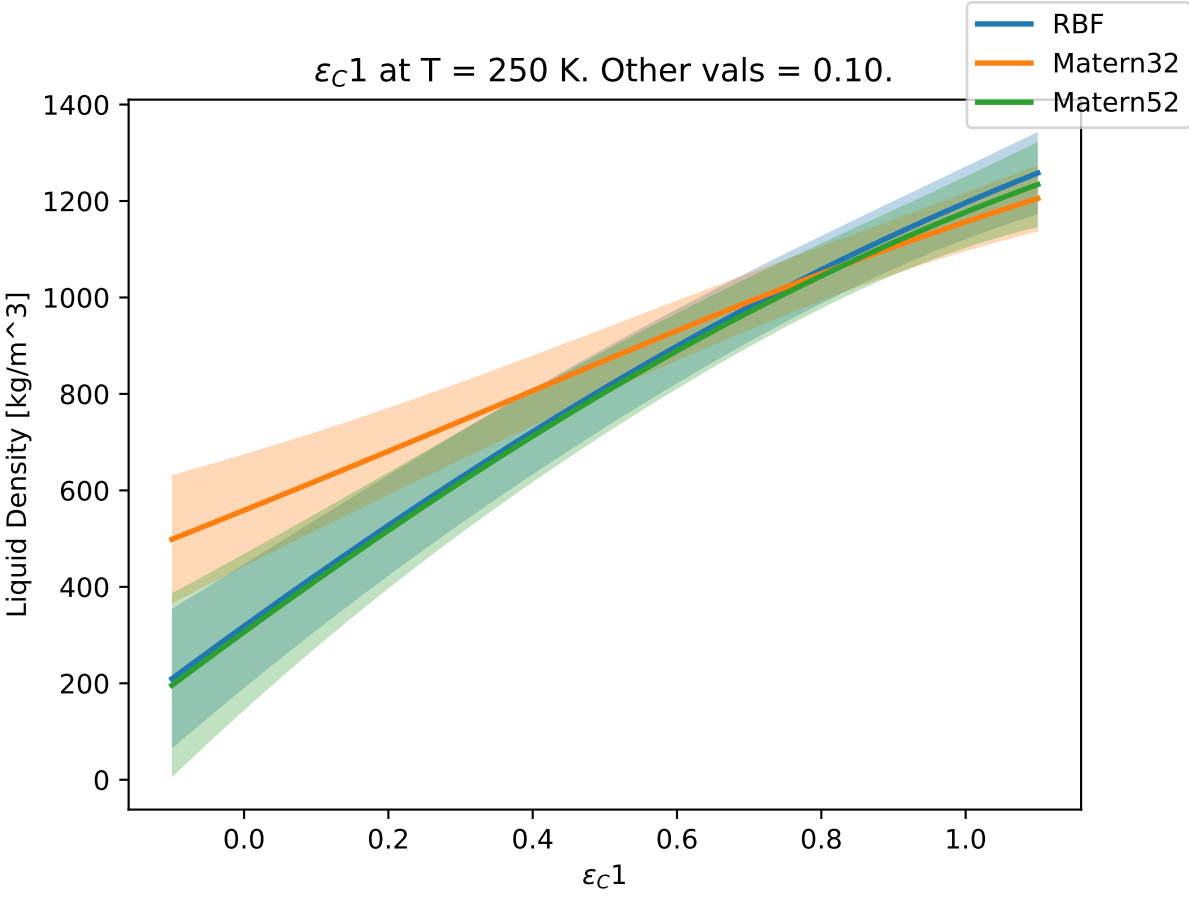

RBF
Matern32
Matern52
$\sigma_H 1$ at T = 250 K. Other vals = 0.70.
Liquid Density [kg/m^3]
650
600
550
500
450
400
350
300
0.0
0.2
0.4
0.6
0.8
1.0
$\sigma_H 1$

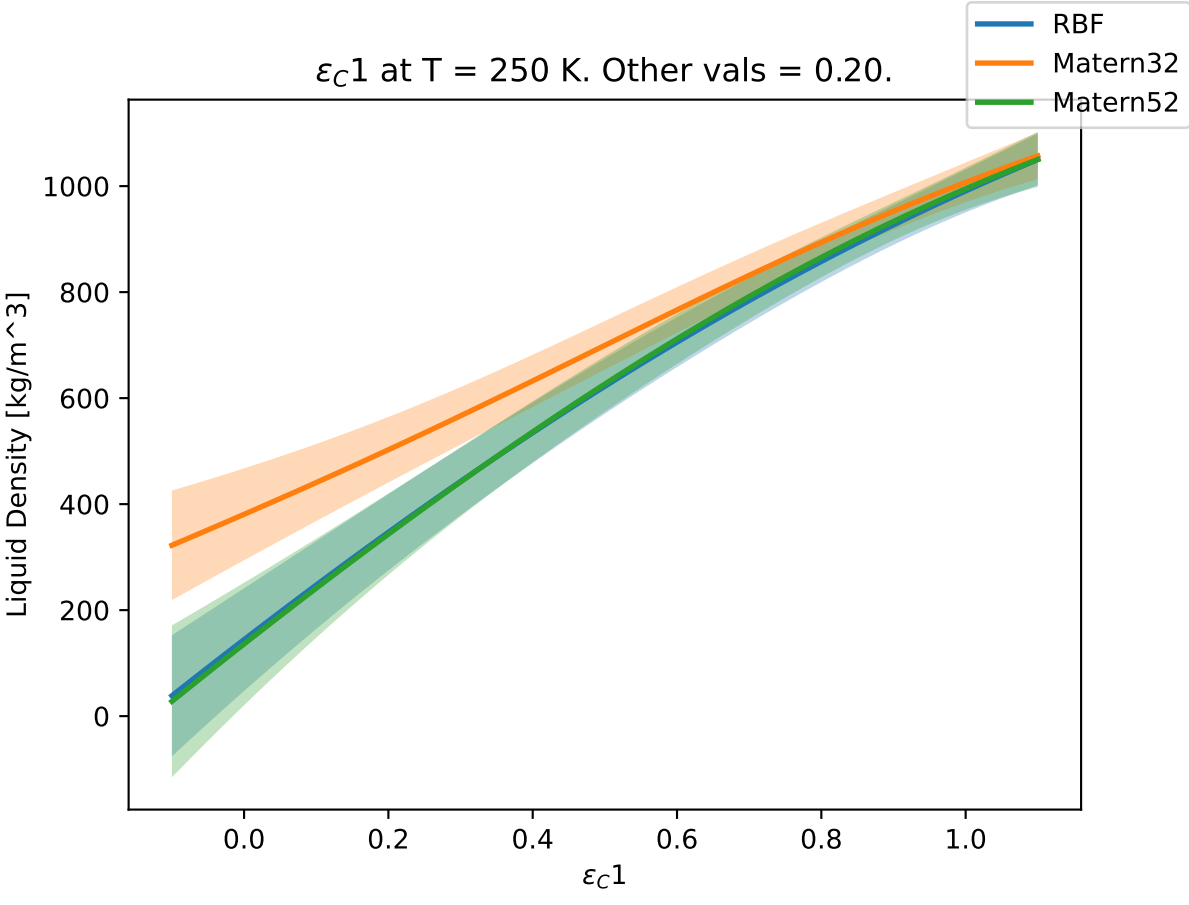

RBF
Matern32
Matern52
$\sigma_H 1$ at T = 250 K. Other vals = 0.80.
Liquid Density [kg/m^3]
600
550
500
450
400
350
300
0.0
0.2
0.4
0.6
0.8
1.0
$\sigma_H 1$

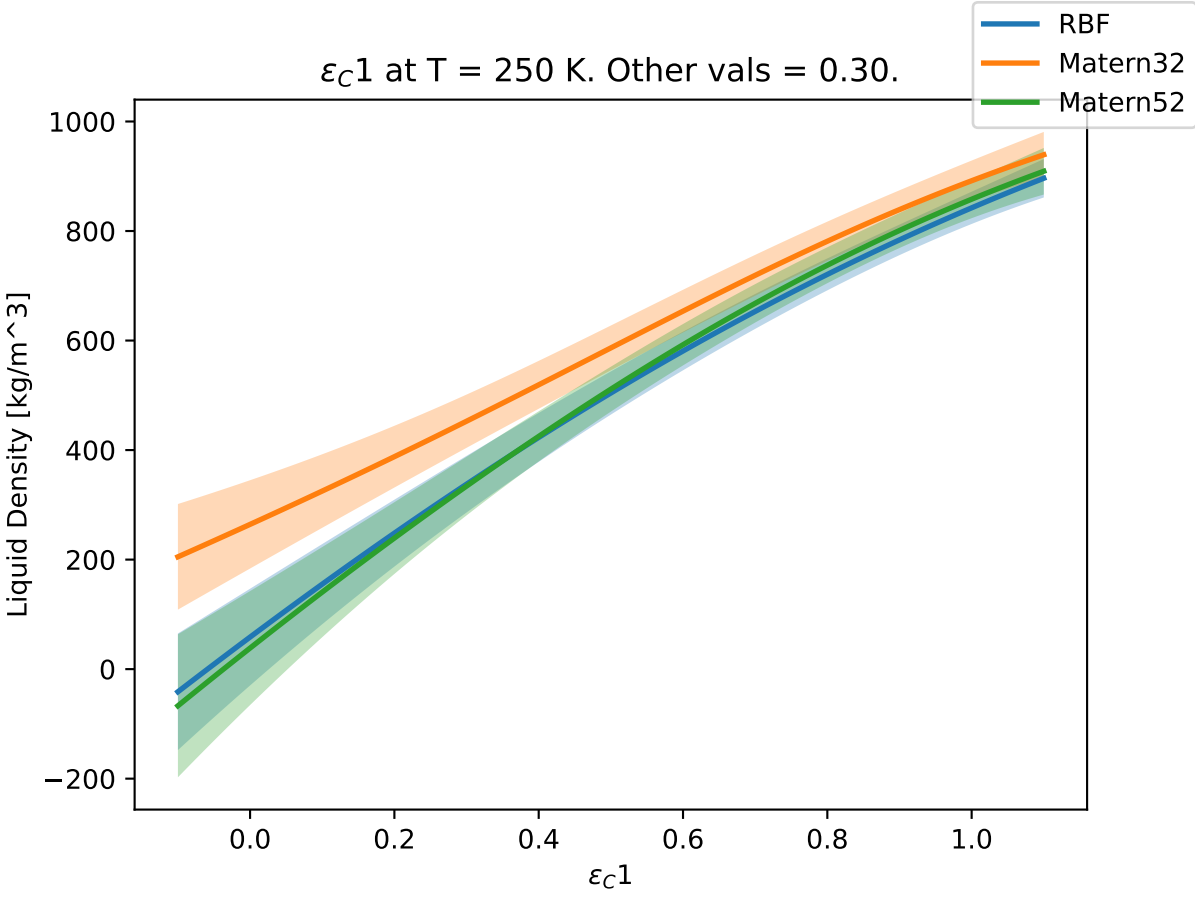

RBF
Matern32
Matern52
$\sigma_H 1$ at T = 250 K. Other vals = 0.90.
600
500
400
300
200
Liquid Density [kg/m^3]
0.0
0.2
0.4
0.6
0.8
1.0
$\sigma_H 1$

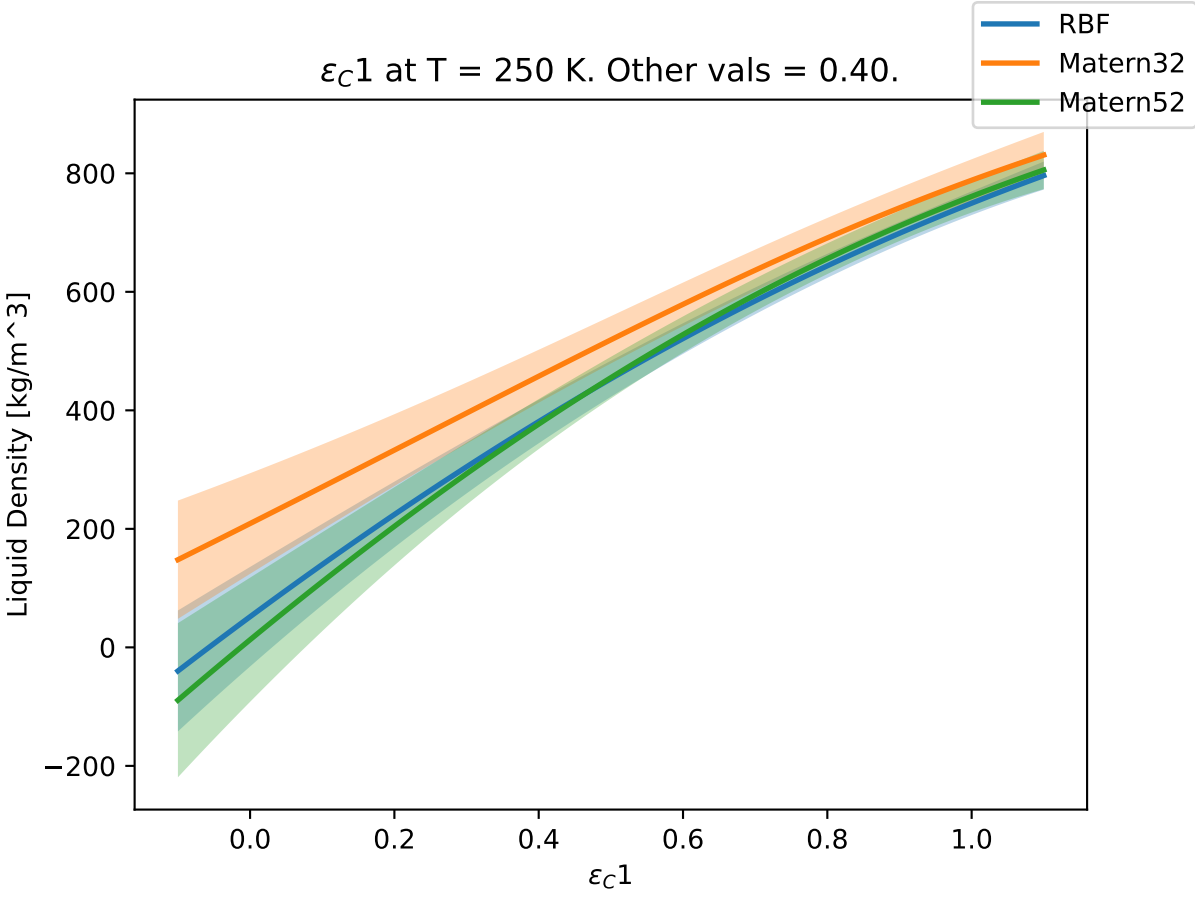

RBF
Matern32
Matern52
$\sigma_H 1$ at T = 250 K. Other vals = 1.00.
Liquid Density [kg/m^3]
600
500
400
300
200
100
0
0.0
0.2
0.4
0.6
0.8
1.0
$\sigma_H 1$

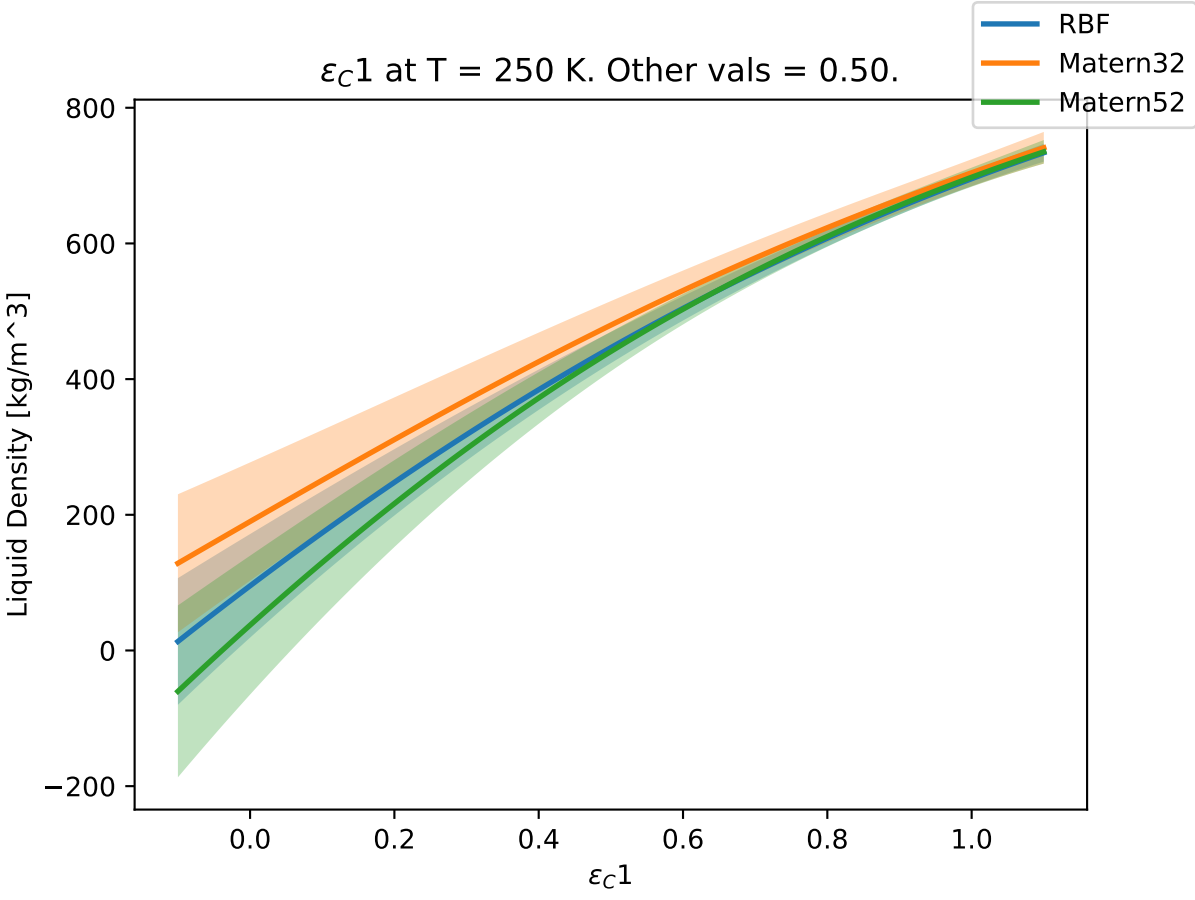

RBF
Matern32
Matern52
$\varepsilon_C 1$ at T = 250 K. Other vals = 0.00.
Liquid Density [kg/m^3]
1600
1400
1200
1000
800
600
400
200
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_C 1$

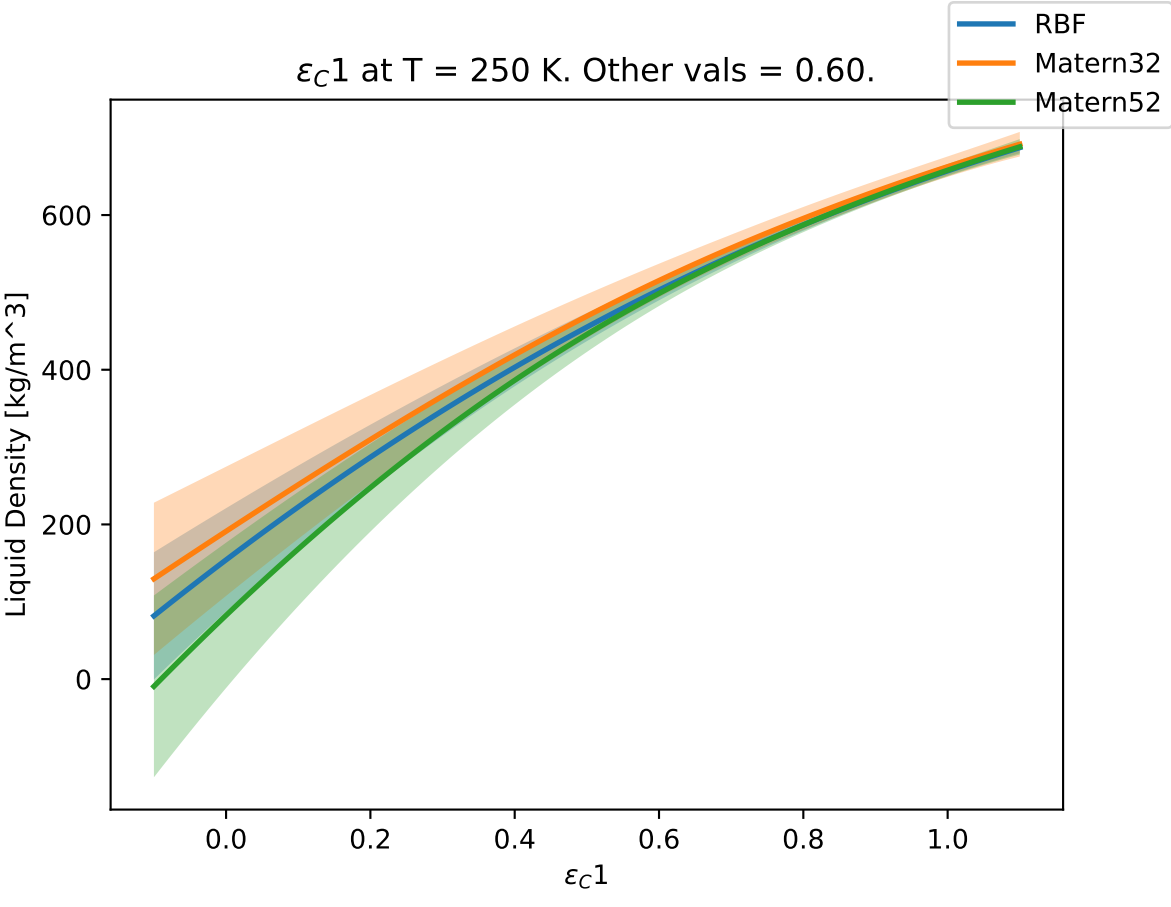

RBF
Matern32
Matern52
$\varepsilon_C 1$ at T = 250 K. Other vals = 0.10.
Liquid Density [kg/m^3]
1400
1200
1000
800
600
400
200
0
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_C 1$

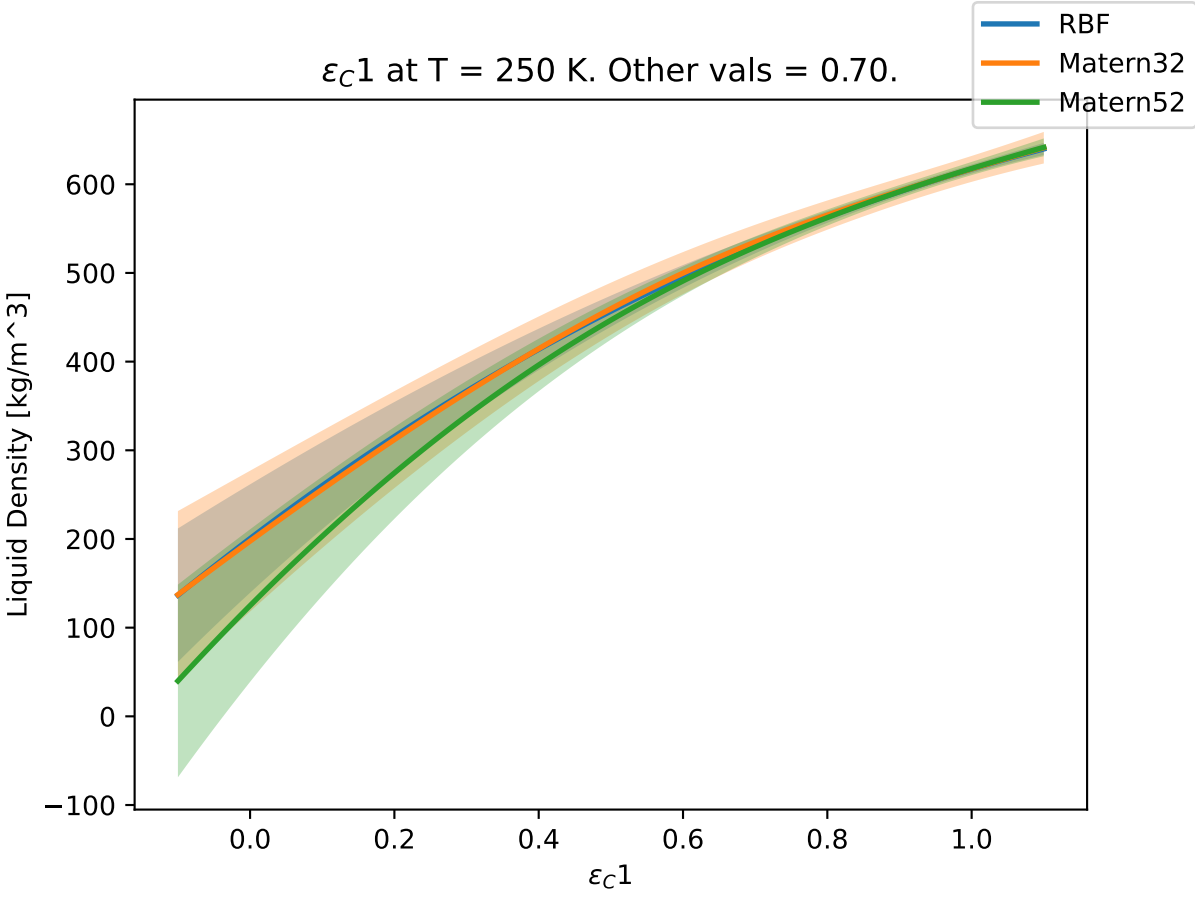

RBF
Matern32
Matern52
$\varepsilon_C 1$ at T = 250 K. Other vals = 0.20.
Liquid Density [kg/m^3]
1000
800
600
400
200
0
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_C 1$

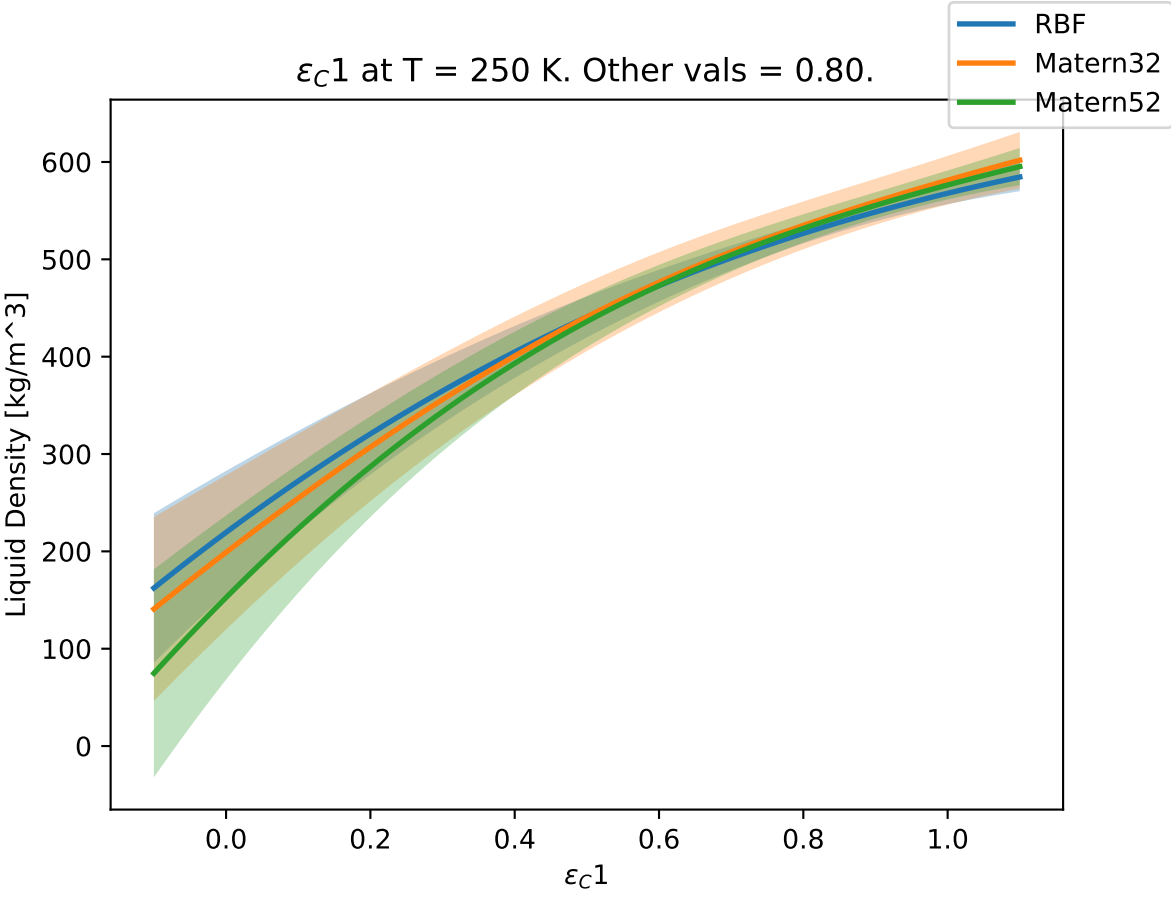

RBF
Matern32
Matern52
$\varepsilon_C 1$ at T = 250 K. Other vals = 0.30.
Liquid Density [kg/m^3]
1000
800
600
400
200
0
−200
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_C 1$

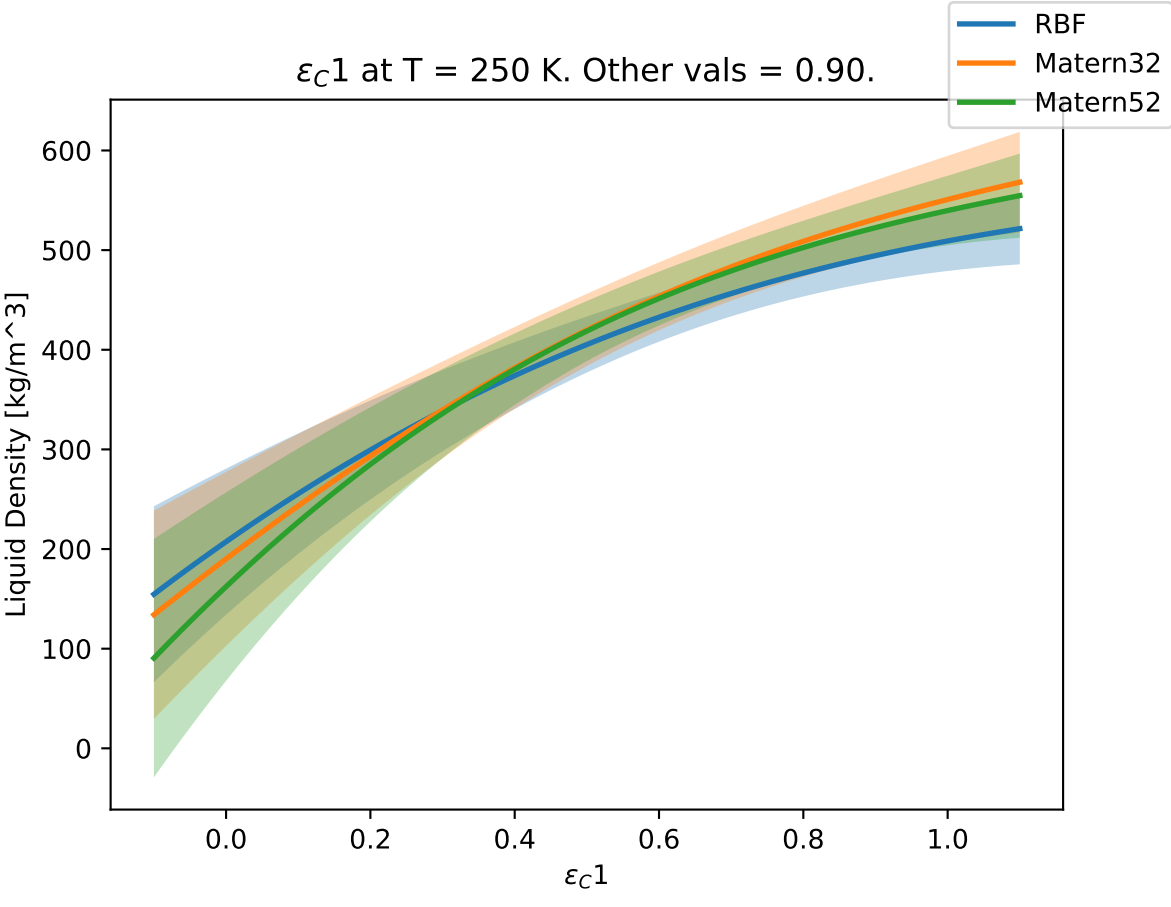

RBF
Matern32
Matern52
$\varepsilon_C 1$ at T = 250 K. Other vals = 0.40.
Liquid Density [kg/m^3]
800
600
400
200
0
−200
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_C 1$

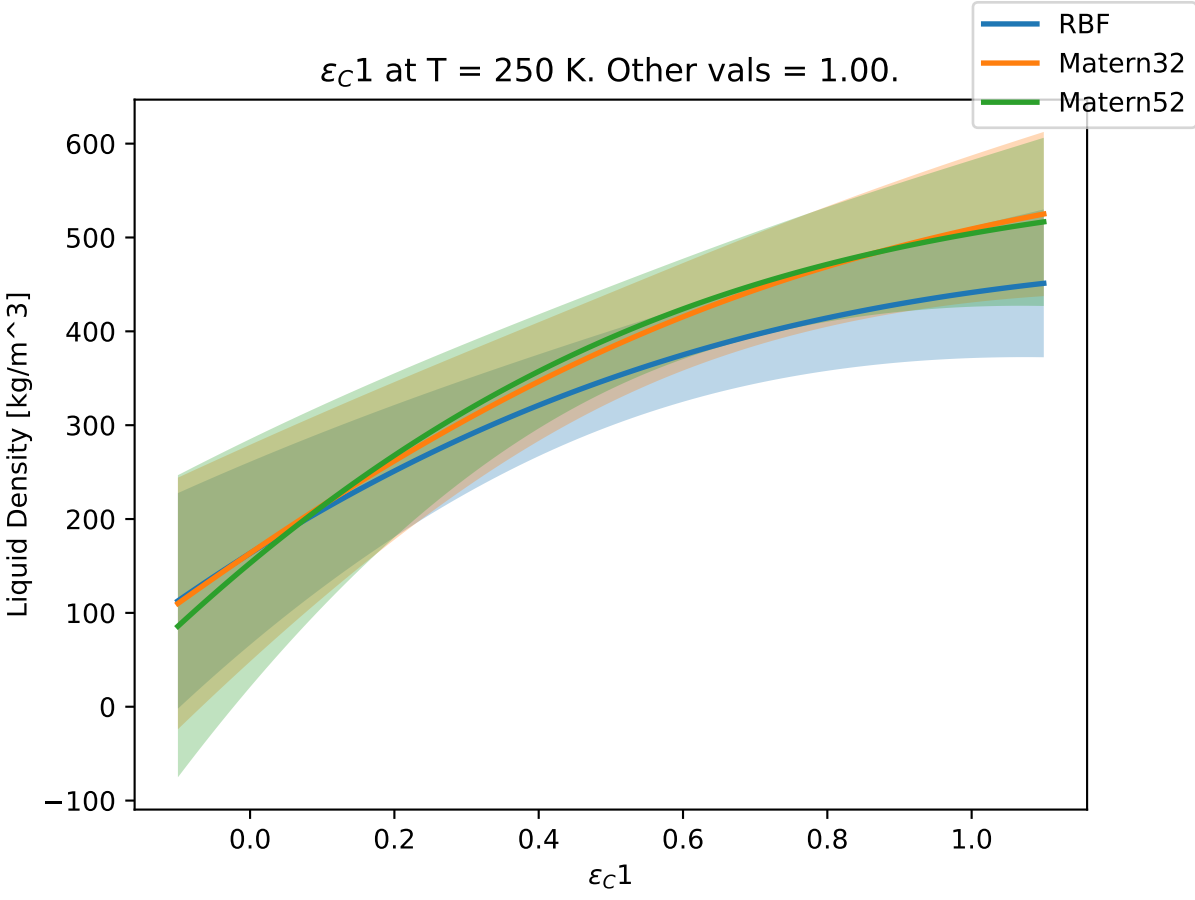

RBF
Matern32
Matern52
$\varepsilon_C 1$ at T = 250 K. Other vals = 0.50.
800
600
400
200
0
−200
Liquid Density [kg/m^3]
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_C 1$

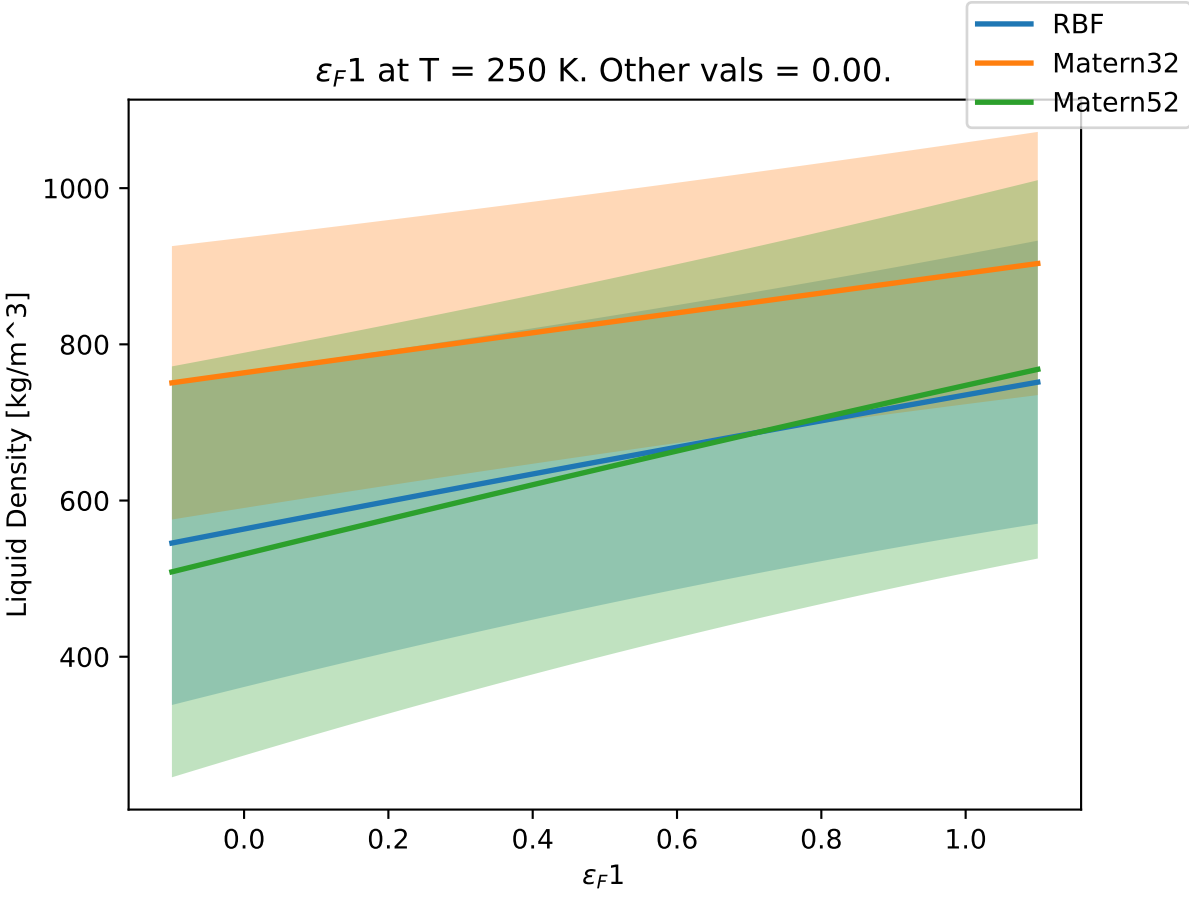

RBF
Matern32
Matern52
$\varepsilon_C 1$ at T = 250 K. Other vals = 0.60.
Liquid Density [kg/m^3]
600
400
200
0
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_C 1$

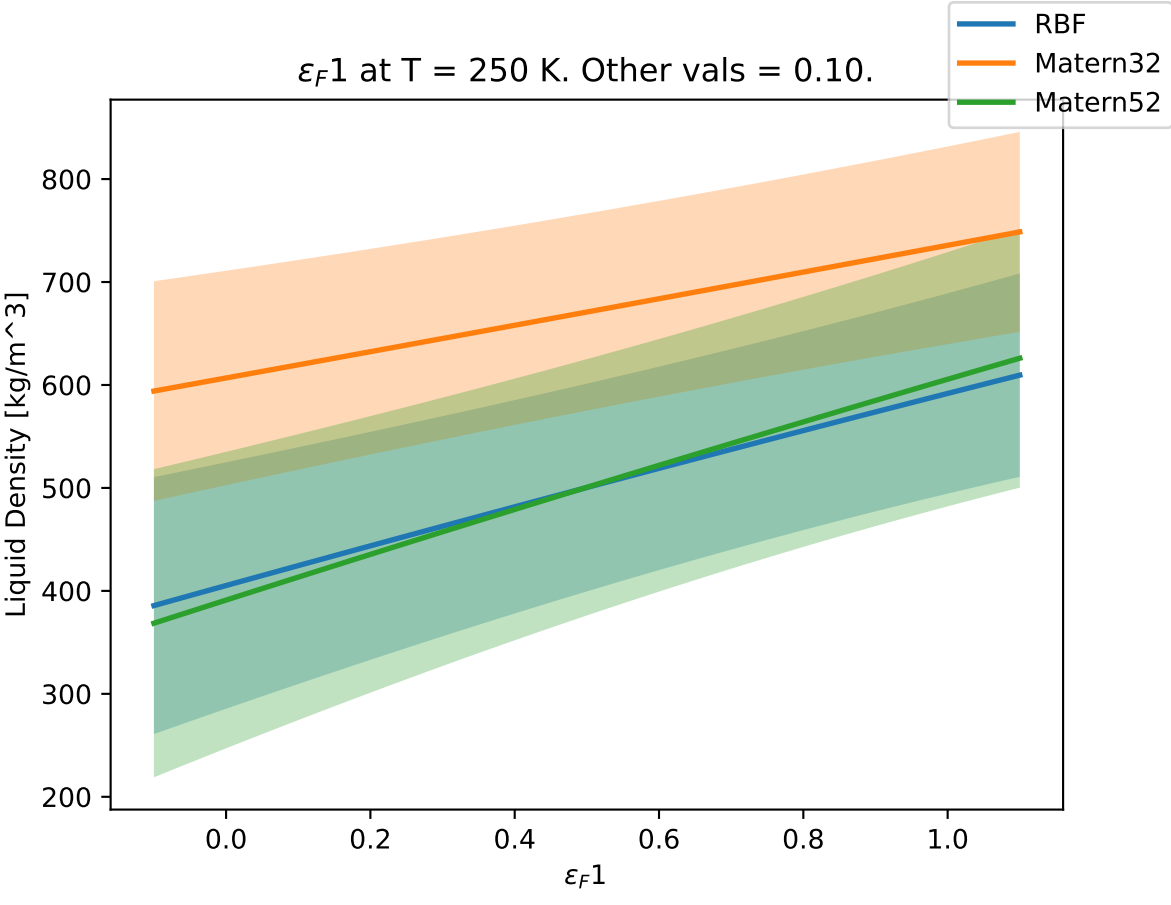

RBF
Matern32
Matern52
$\varepsilon_C 1$ at T = 250 K. Other vals = 0.70.
Liquid Density [kg/m^3]
600
500
400
300
200
100
0
−100
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_C 1$

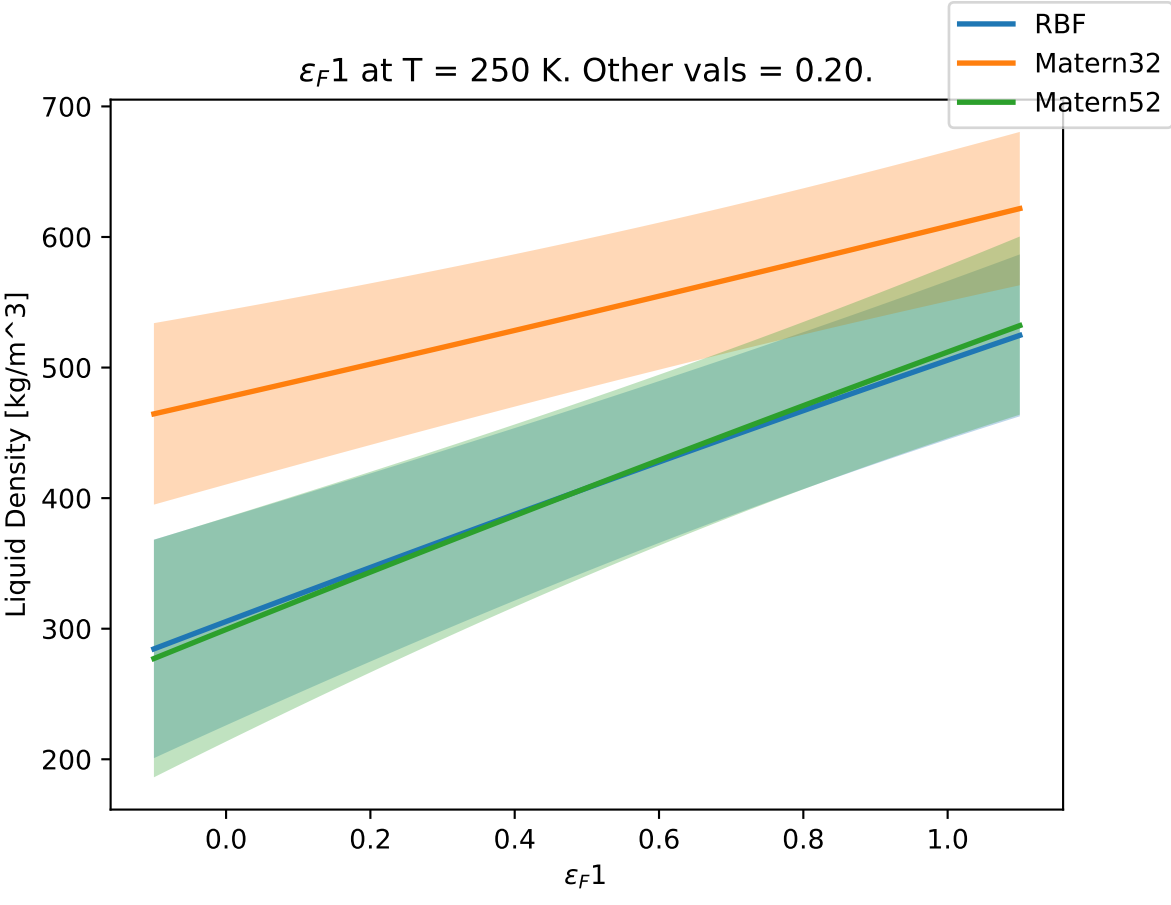

RBF
Matern32
Matern52
$\varepsilon_C 1$ at T = 250 K. Other vals = 0.80.
Liquid Density [kg/m^3]
600
500
400
300
200
100
0
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_C 1$

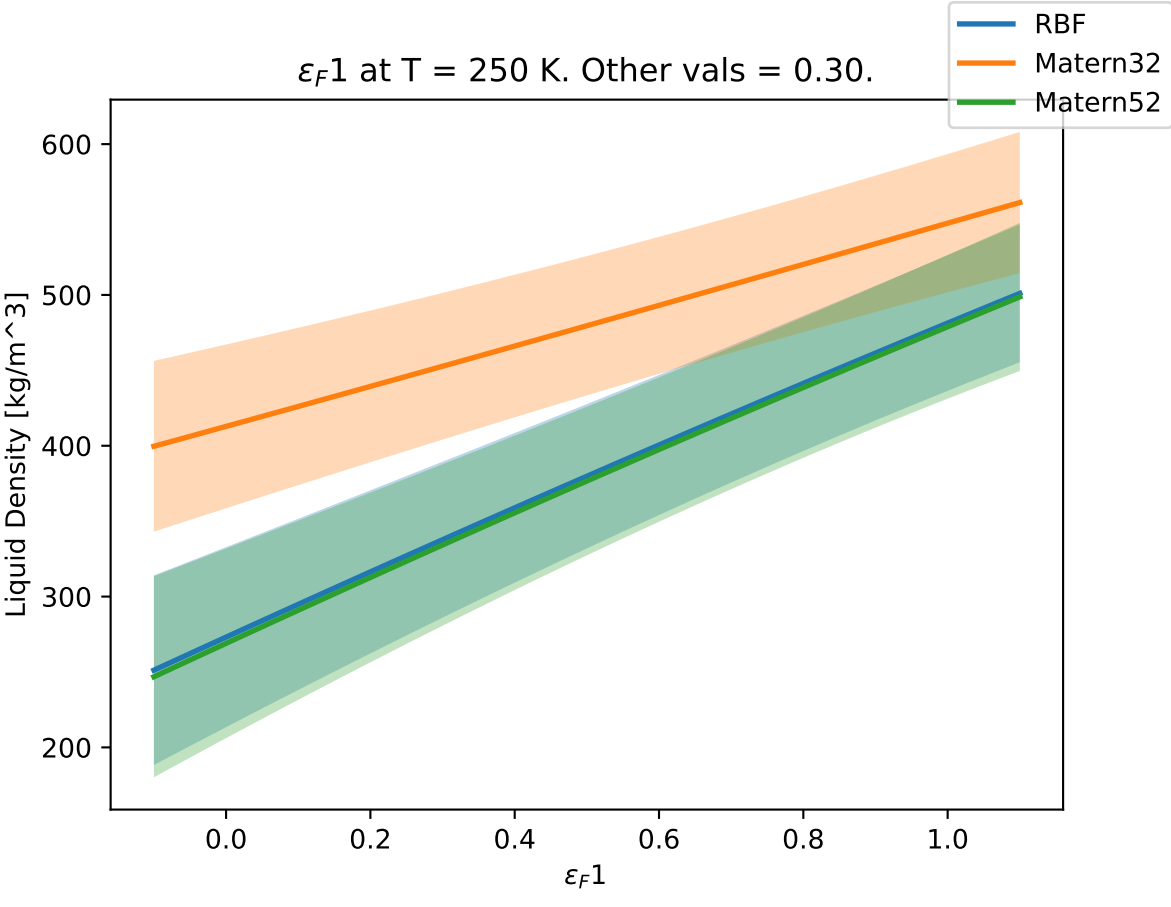

RBF
Matern32
Matern52
$\varepsilon_C 1$ at T = 250 K. Other vals = 0.90.
Liquid Density [kg/m^3]
600
500
400
300
200
100
0
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_C 1$

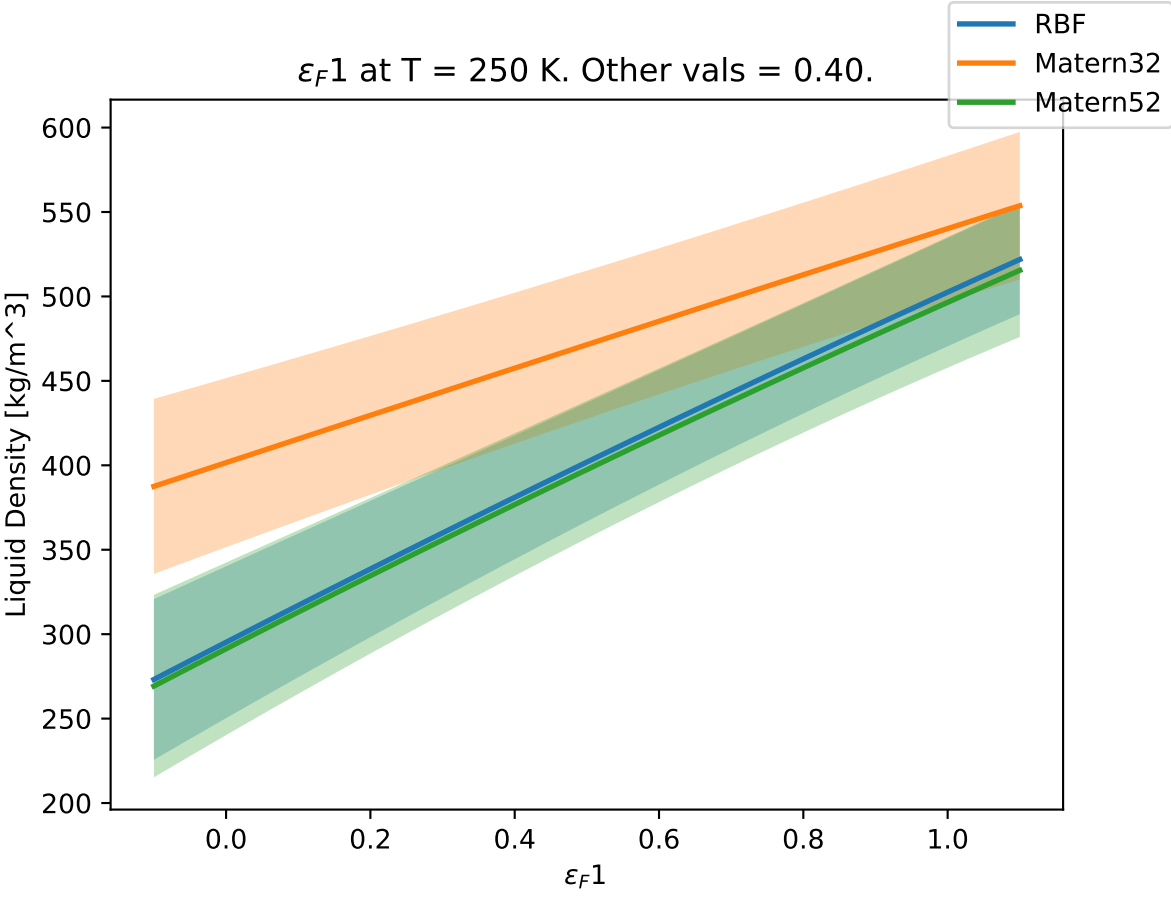

RBF
Matern32
Matern52
$\varepsilon_C 1$ at T = 250 K. Other vals = 1.00.
Liquid Density [kg/m^3]
600
500
400
300
200
100
0
−100
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_C 1$

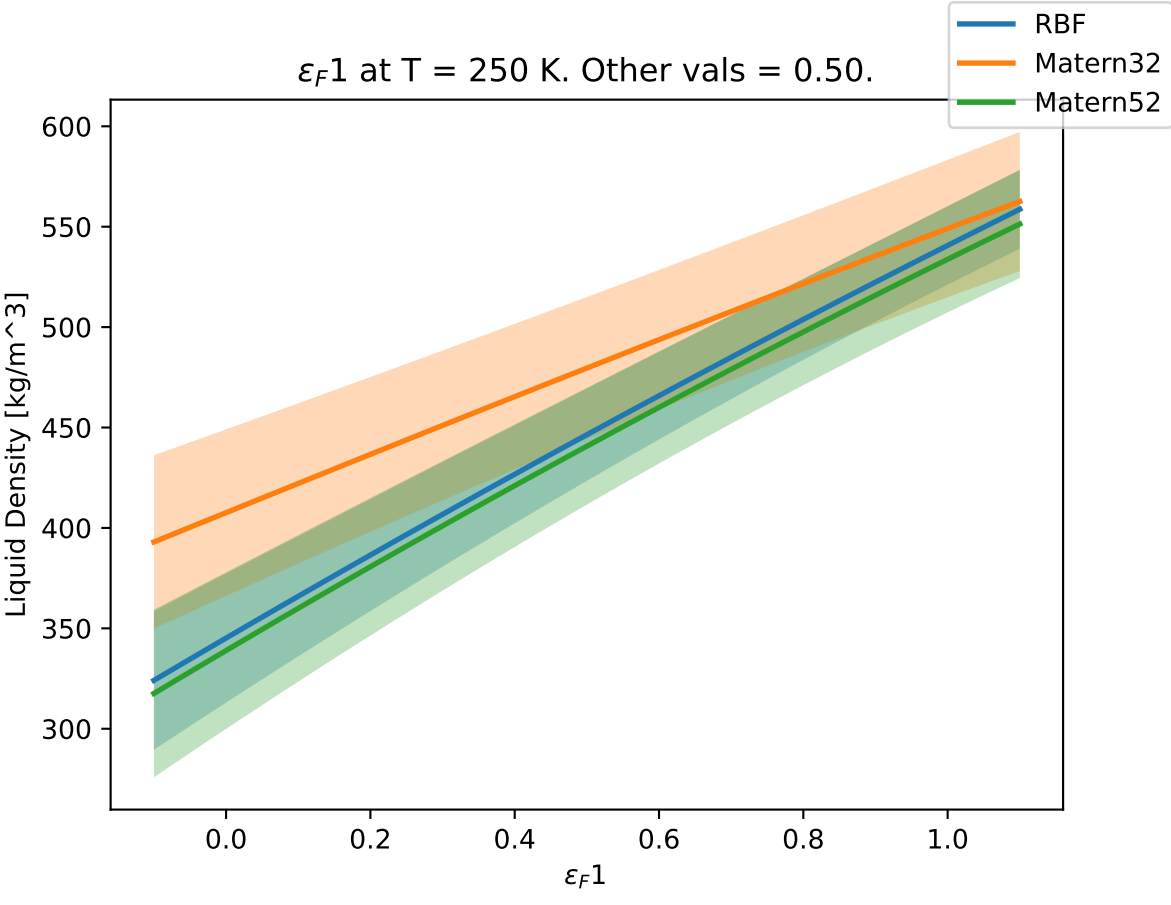

RBF
Matern32
Matern52
$\varepsilon_F 1$ at T = 250 K. Other vals = 0.00.
Liquid Density [kg/m^3]
1000
800
600
400
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_F 1$

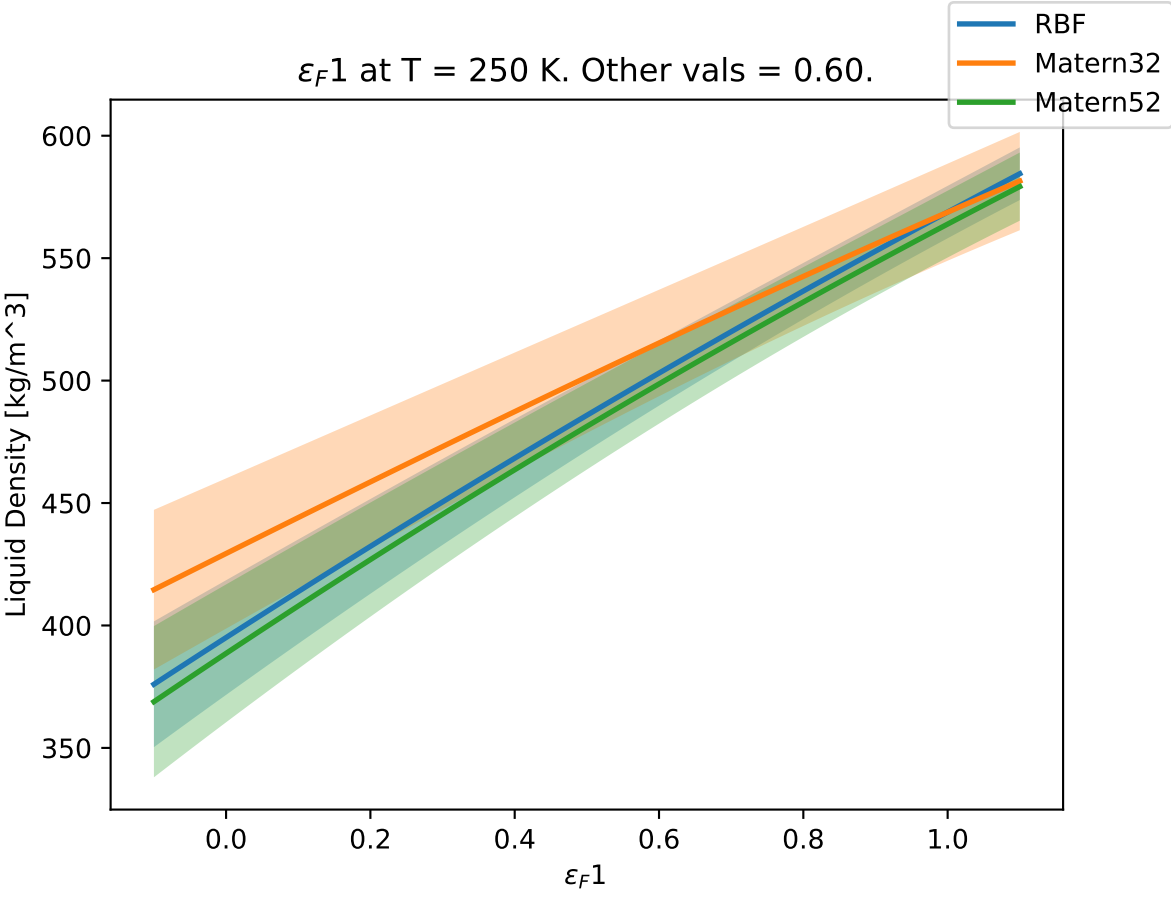

RBF
Matern32
Matern52
$\varepsilon_F 1$ at T = 250 K. Other vals = 0.10.
Liquid Density [kg/m^3]
800
700
600
500
400
300
200
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_F 1$

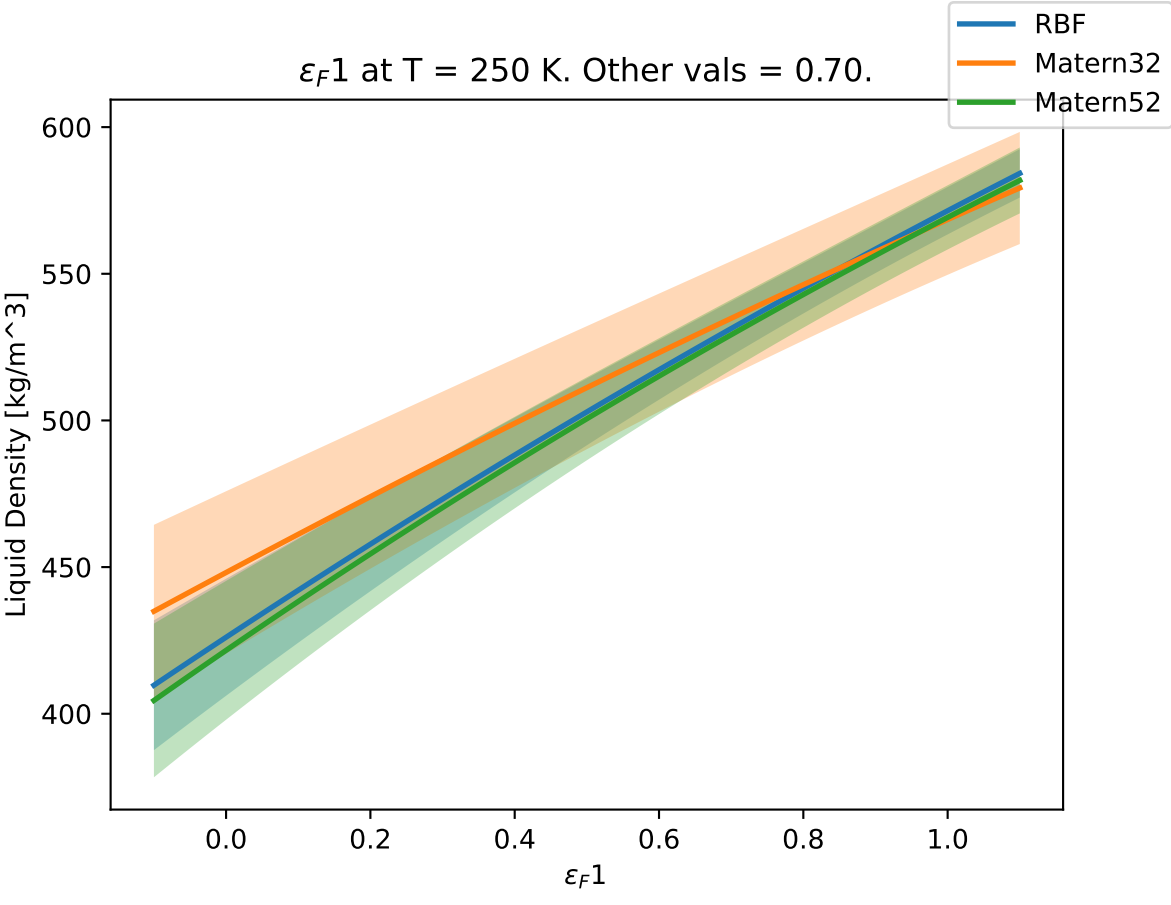

RBF
Matern32
Matern52
$\varepsilon_F 1$ at T = 250 K. Other vals = 0.20.
700
600
500
400
300
200
Liquid Density [kg/m^3]
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_F 1$

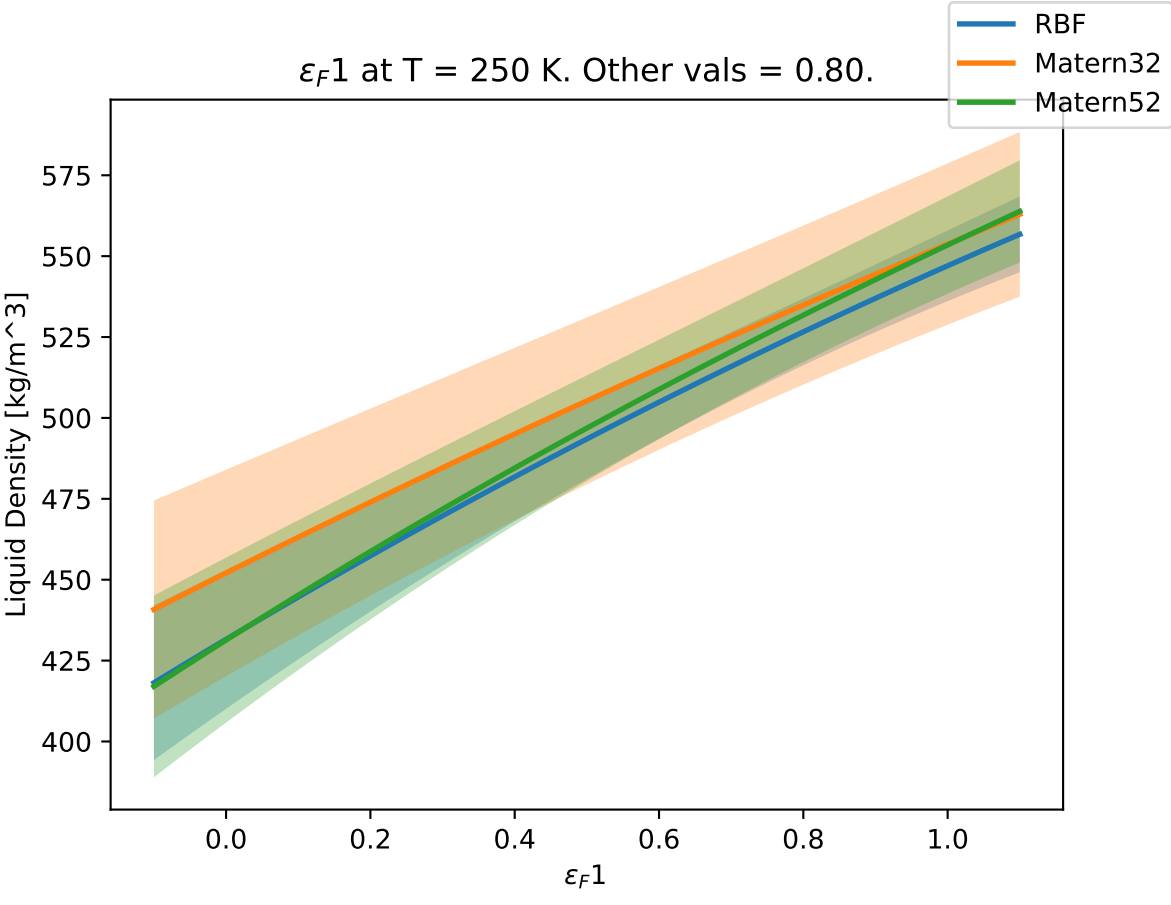

RBF
Matern32
Matern52
$\varepsilon_F 1$ at T = 250 K. Other vals = 0.30.
Liquid Density [kg/m^3]
600
500
400
300
200
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_F 1$

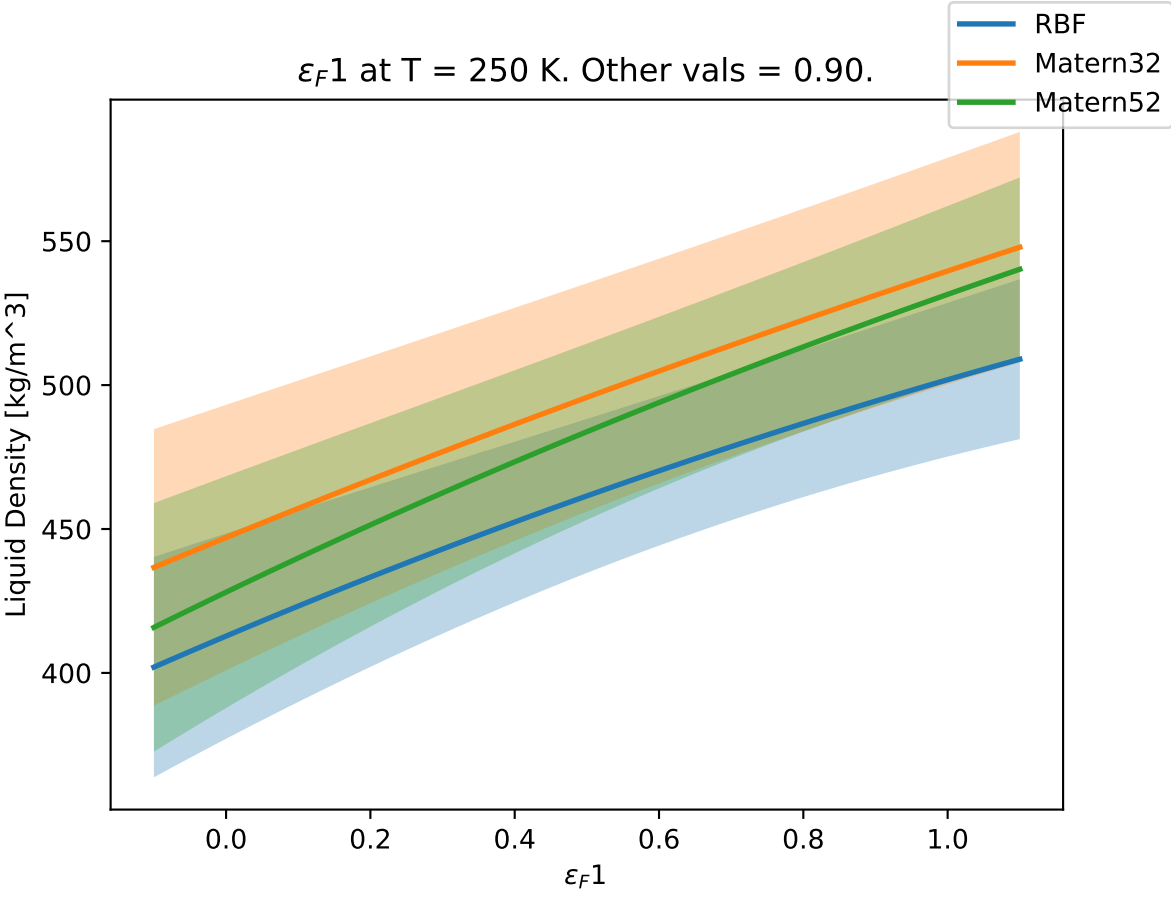

RBF
Matern32
Matern52
$\varepsilon_F 1$ at T = 250 K. Other vals = 0.40.
Liquid Density [kg/m^3]
600
550
500
450
400
350
300
250
200
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_F 1$

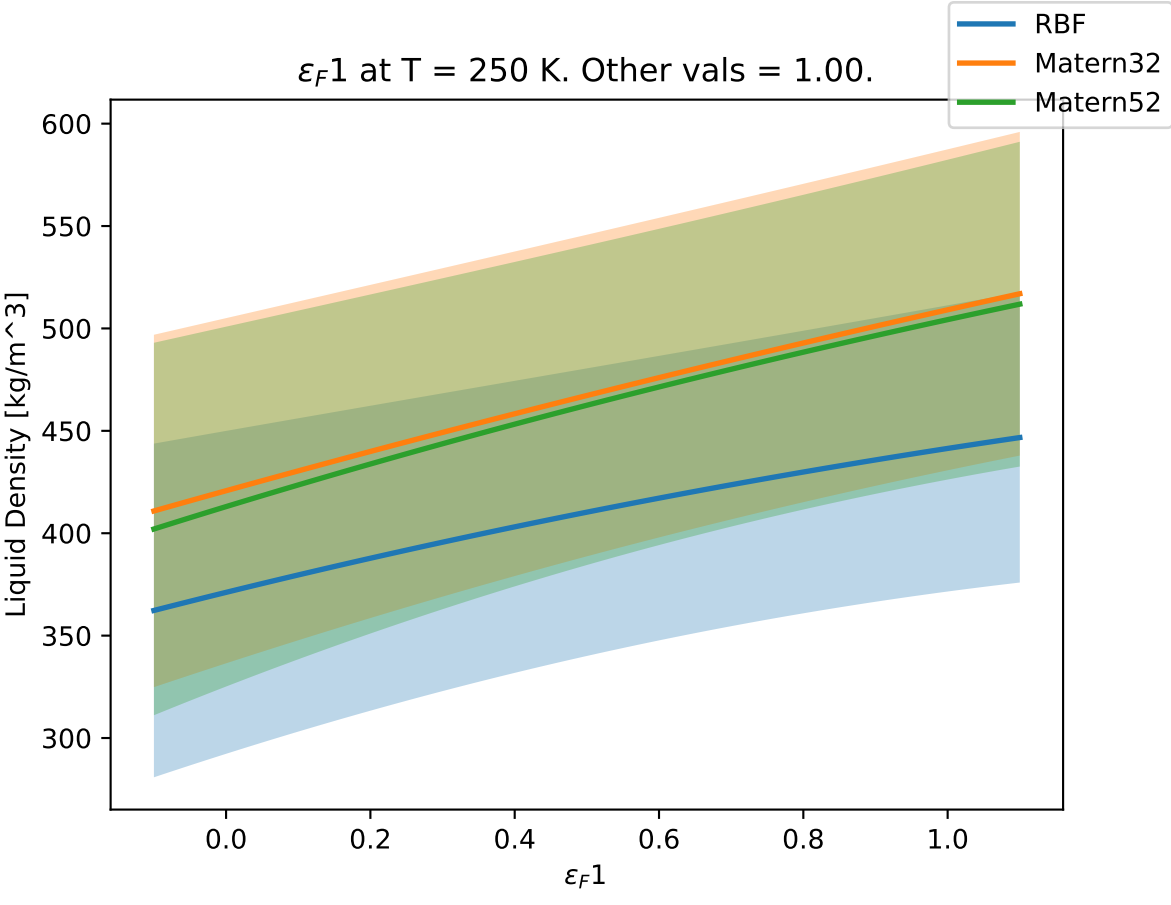

RBF
Matern32
Matern52
$\varepsilon_F 1$ at T = 250 K. Other vals = 0.50.
Liquid Density [kg/m^3]
600
550
500
450
400
350
300
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_F 1$

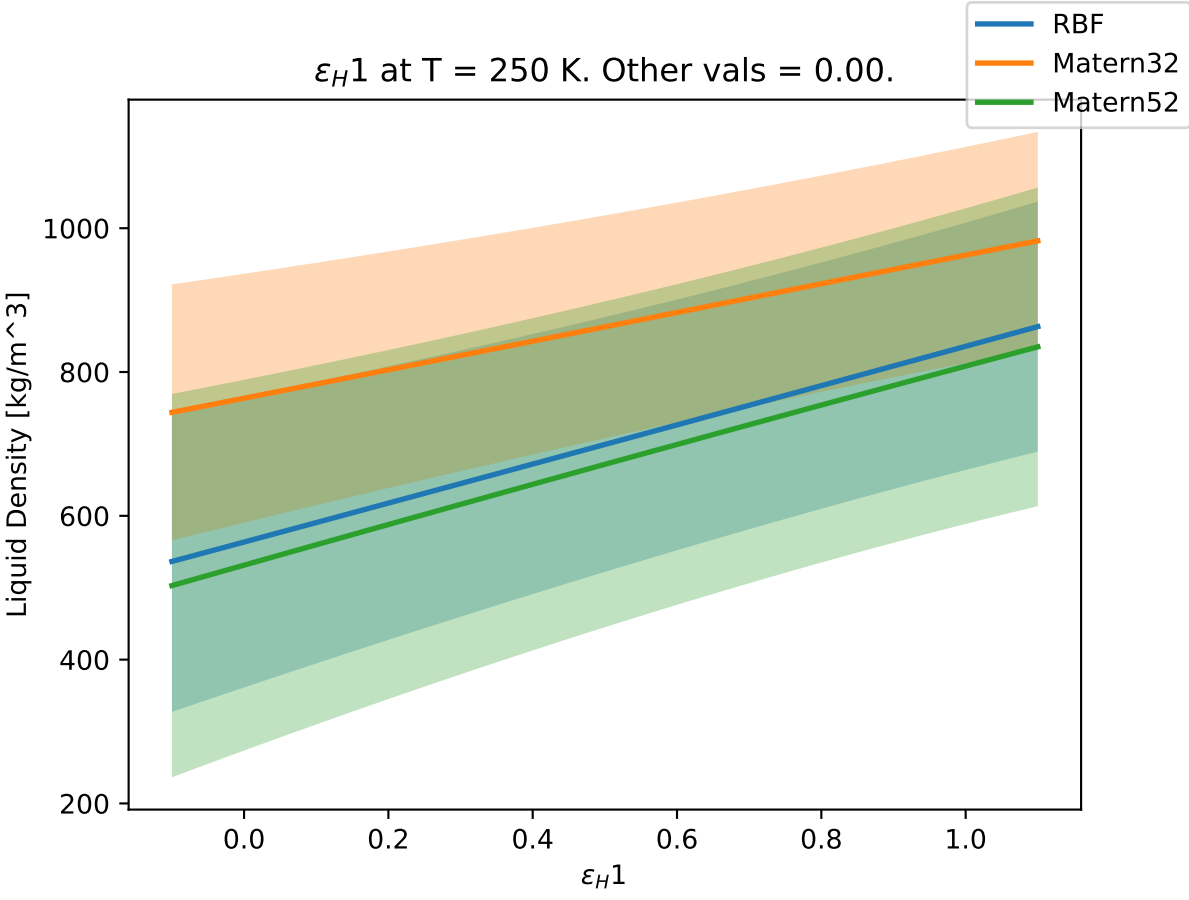

RBF
Matern32
Matern52
$\varepsilon_F 1$ at T = 250 K. Other vals = 0.60.
Liquid Density [kg/m^3]
600
550
500
450
400
350
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_F 1$

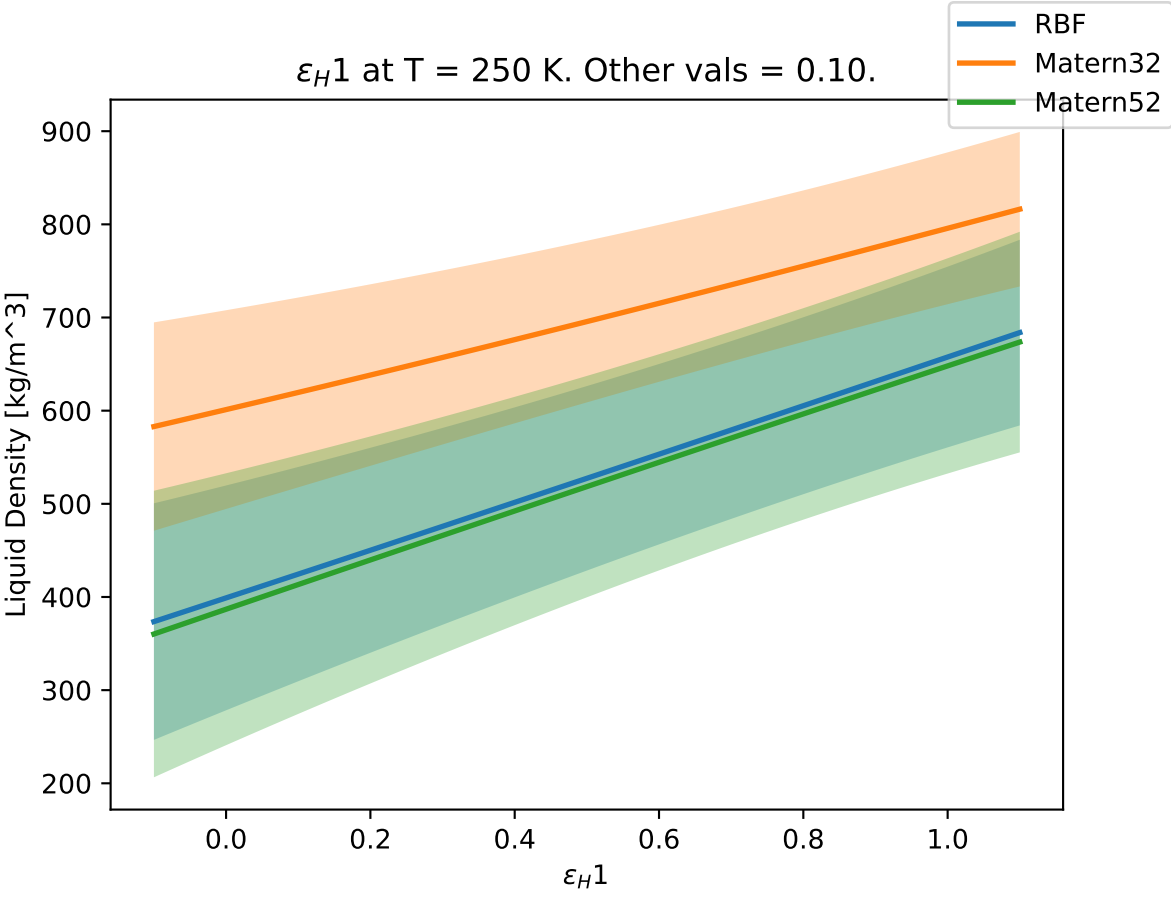

RBF
Matern32
Matern52
$\varepsilon_F 1$ at T = 250 K. Other vals = 0.70.
Liquid Density [kg/m^3]
600
550
500
450
400
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_F 1$

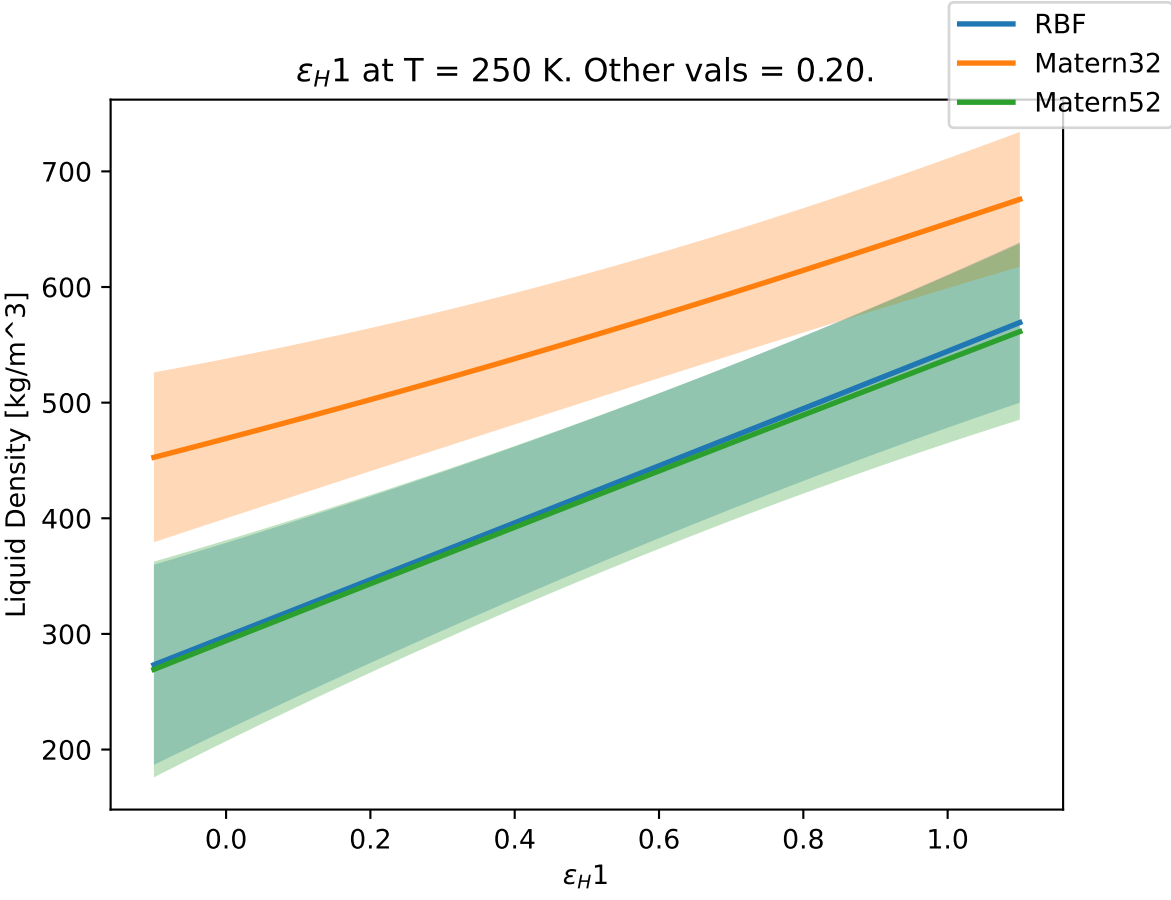

RBF
Matern32
Matern52
$\varepsilon_F 1$ at T = 250 K. Other vals = 0.80.
575
550
525
500
475
450
425
400
Liquid Density [kg/m^3]
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_F 1$

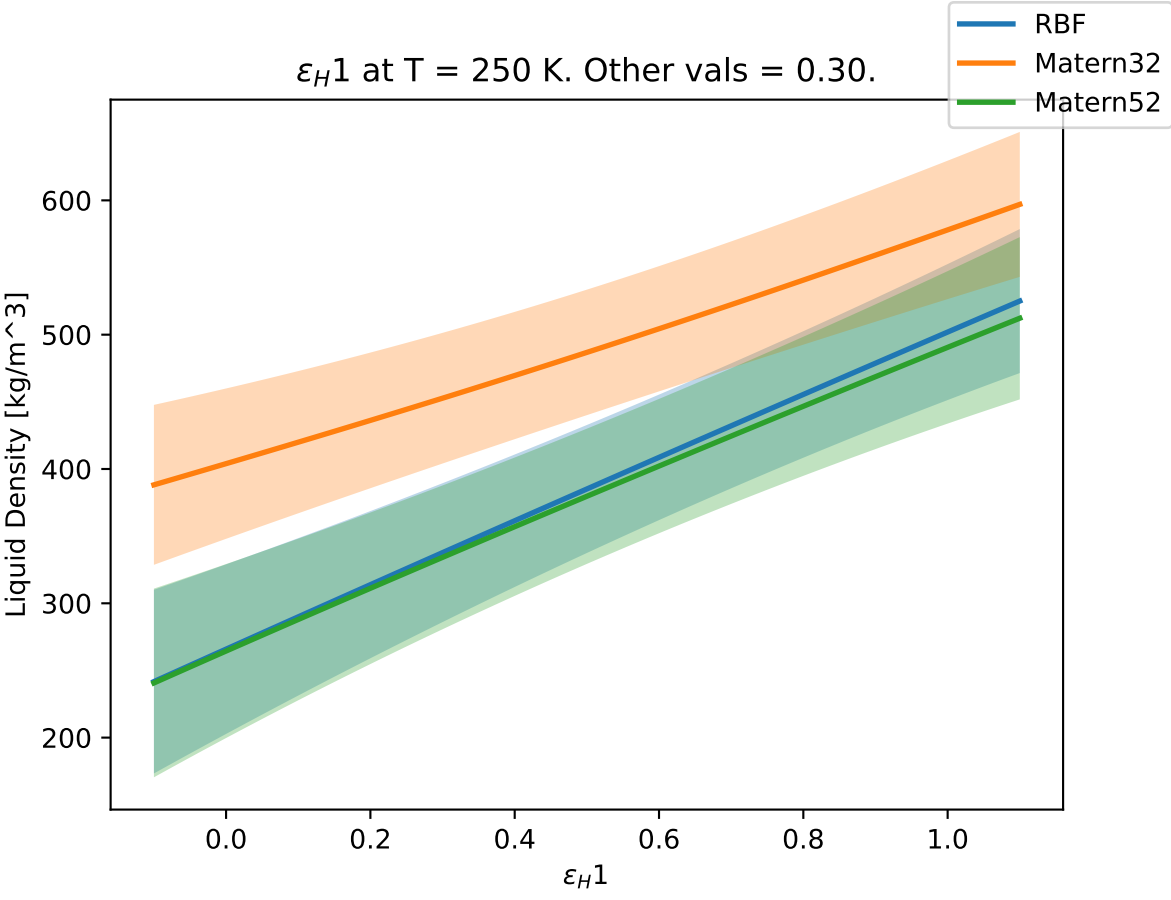

RBF
Matern32
Matern52
$\varepsilon_F 1$ at T = 250 K. Other vals = 0.90.
Liquid Density [kg/m^3]
550
500
450
400
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_F 1$

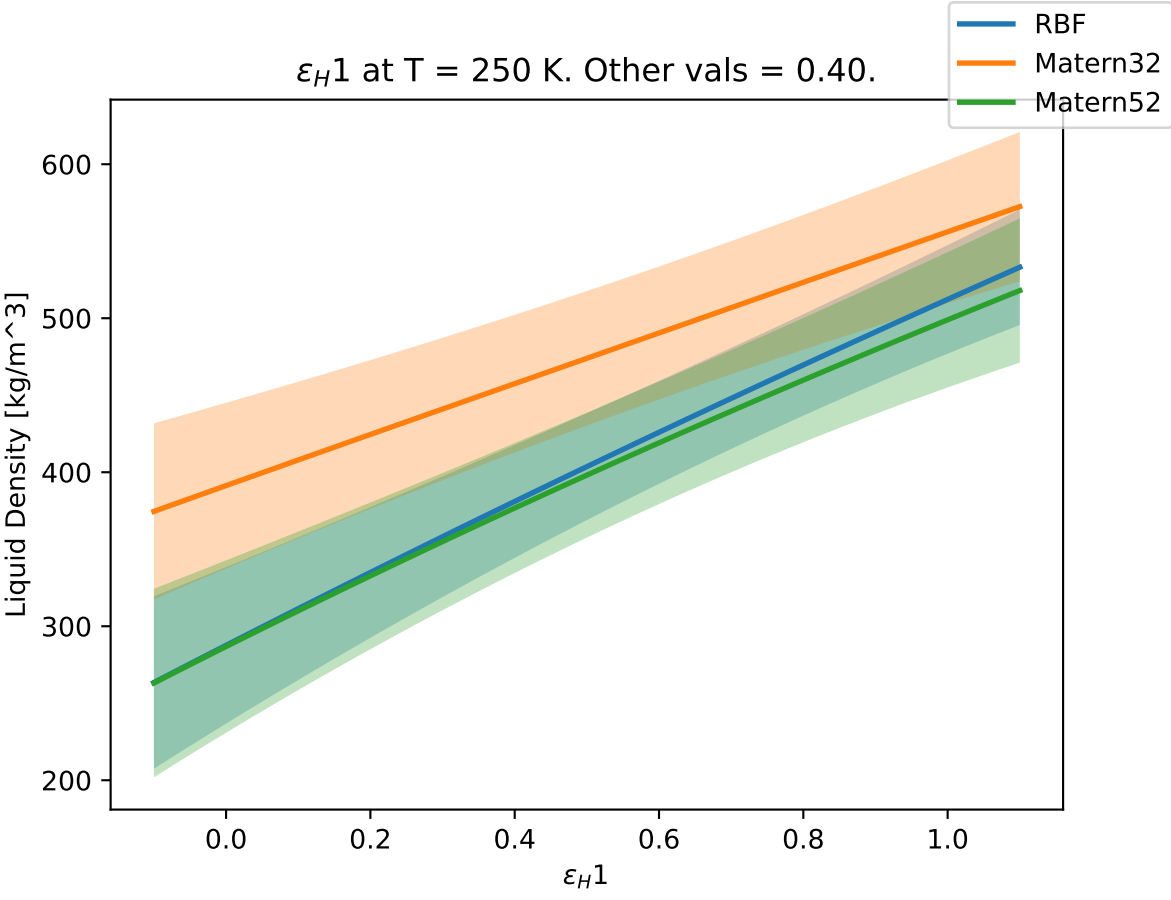

RBF
Matern32
Matern52
$\varepsilon_F 1$ at T = 250 K. Other vals = 1.00.
Liquid Density [kg/m^3]
600
550
500
450
400
350
300
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_F 1$

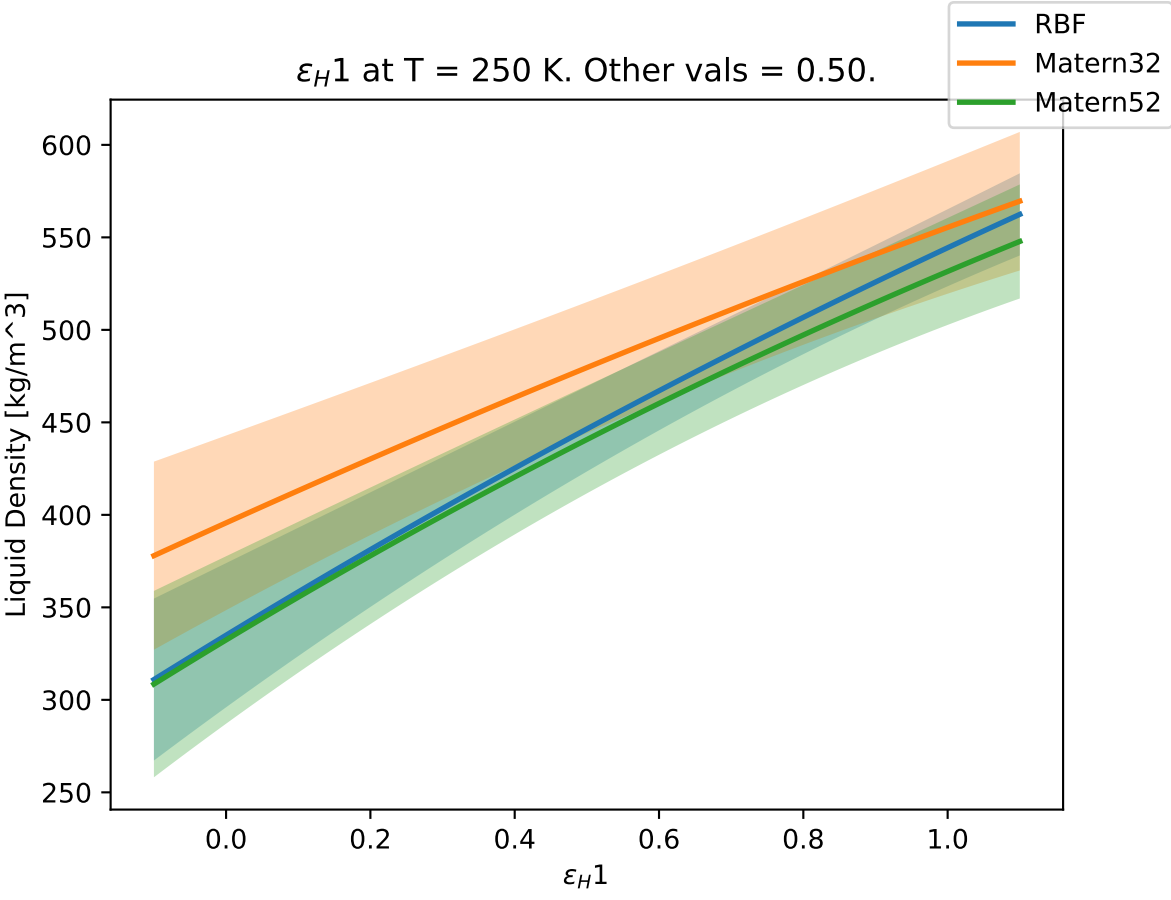

RBF
Matern32
Matern52
$\varepsilon_H 1$ at T = 250 K. Other vals = 0.00.
Liquid Density [kg/m^3]
1000
800
600
400
200
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_H 1$

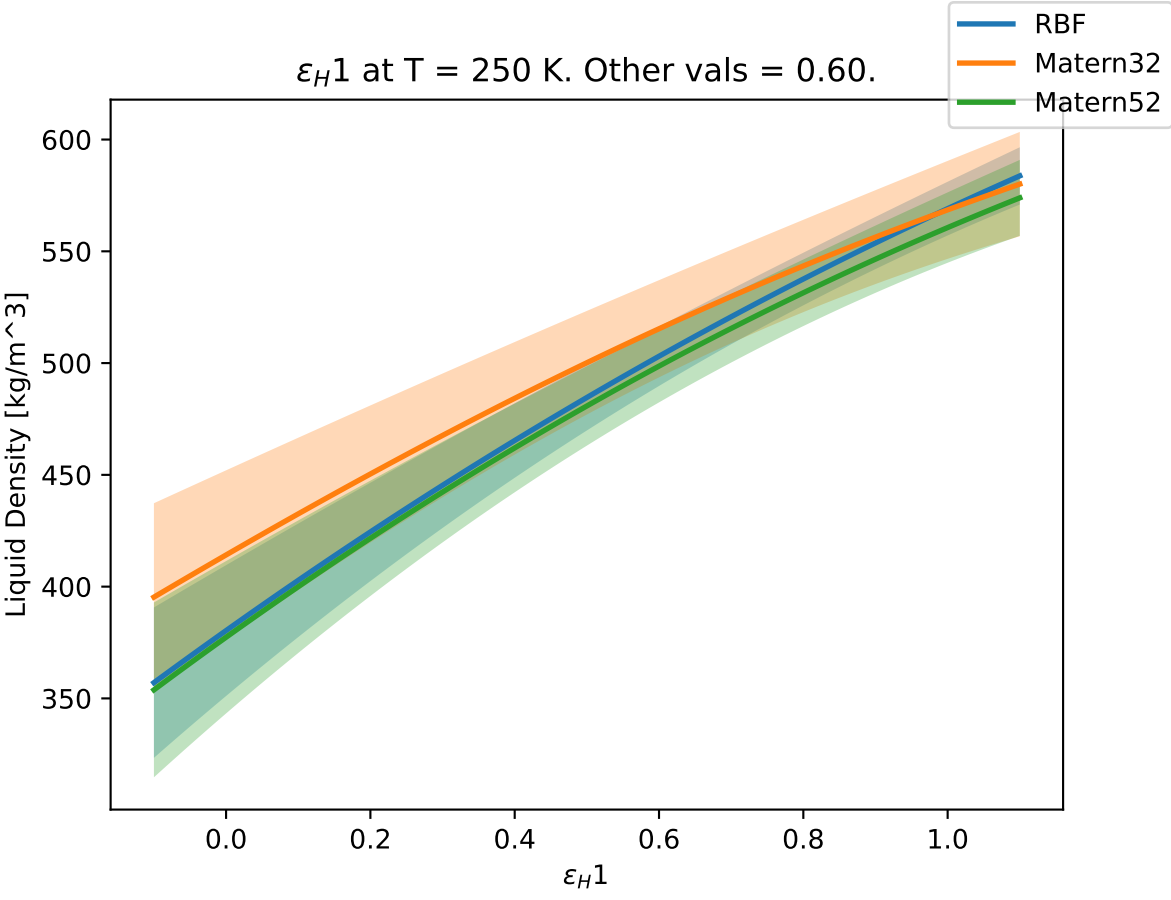

RBF
Matern32
Matern52
$\varepsilon_H 1$ at T = 250 K. Other vals = 0.10.
Liquid Density [kg/m^3]
900
800
700
600
500
400
300
200
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_H 1$

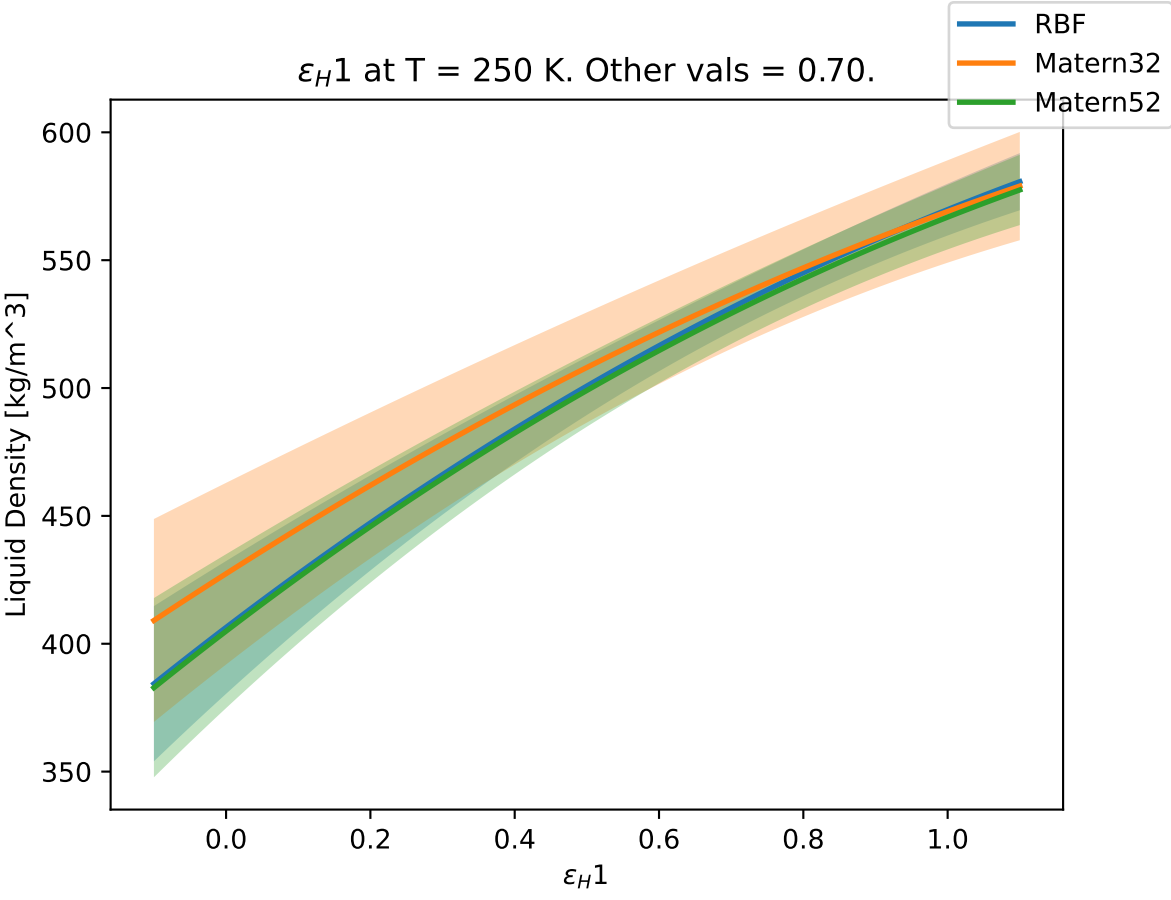

RBF
Matern32
Matern52
$\varepsilon_H 1$ at T = 250 K. Other vals = 0.20.
Liquid Density [kg/m^3]
700
600
500
400
300
200
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_H 1$

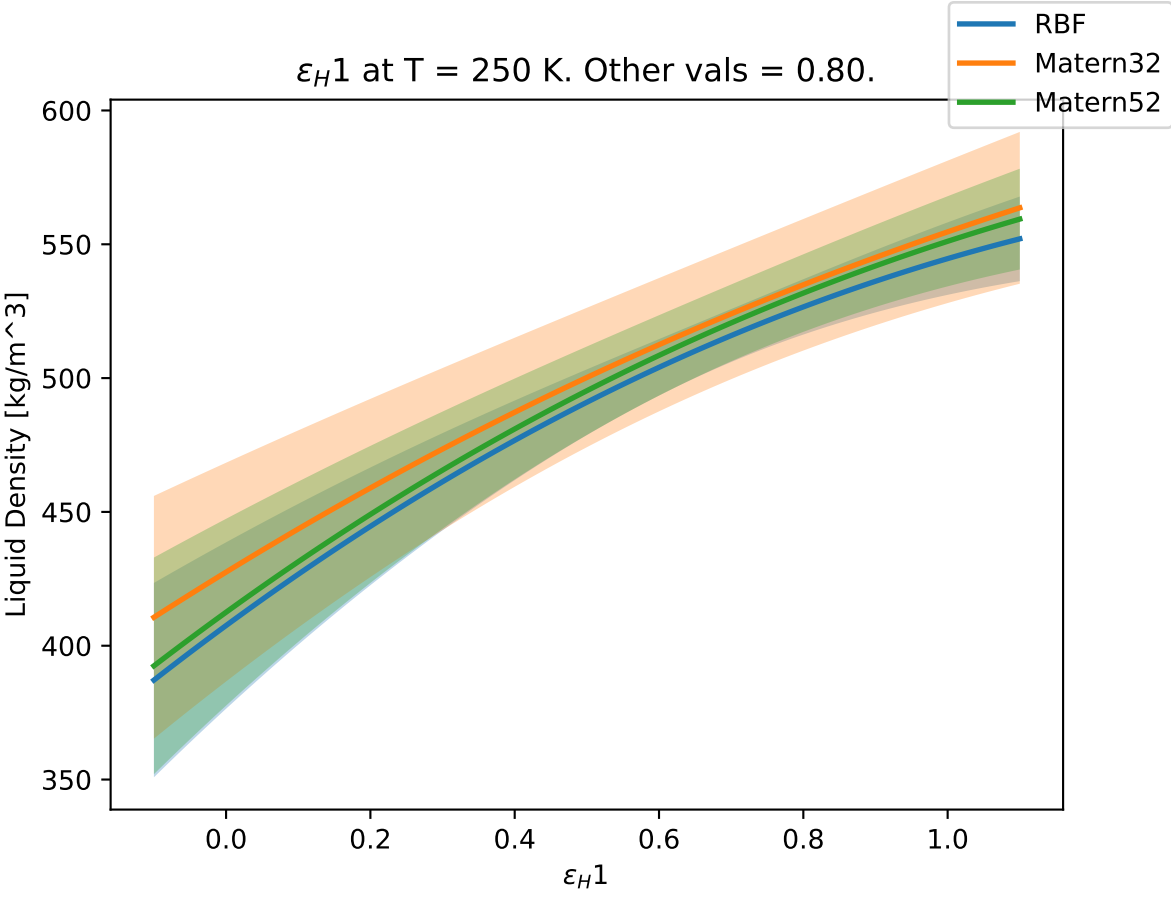

RBF
Matern32
Matern52
$\varepsilon_H 1$ at T = 250 K. Other vals = 0.30.
Liquid Density [kg/m^3]
600
500
400
300
200
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_H 1$

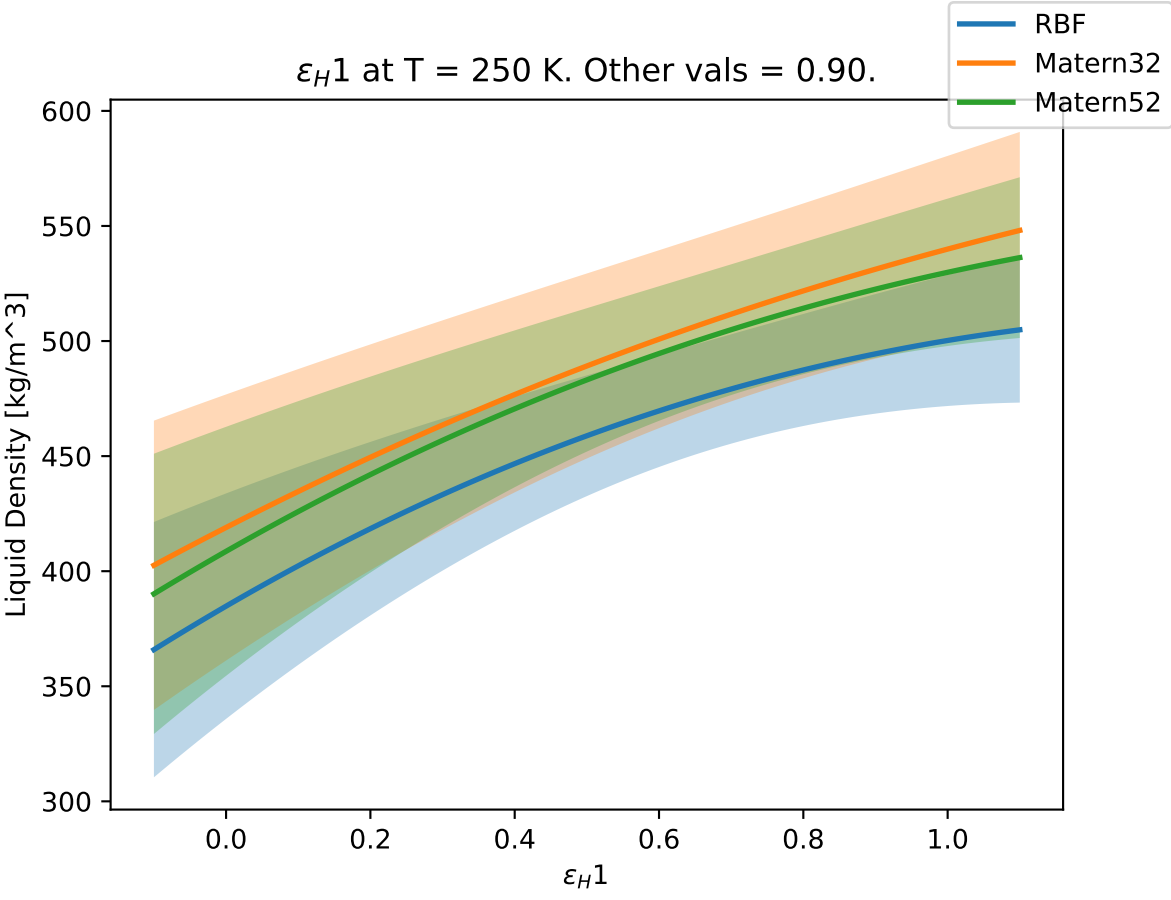

RBF
Matern32
Matern52
$\varepsilon_H 1$ at T = 250 K. Other vals = 0.40.
Liquid Density [kg/m^3]
600
500
400
300
200
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_H 1$

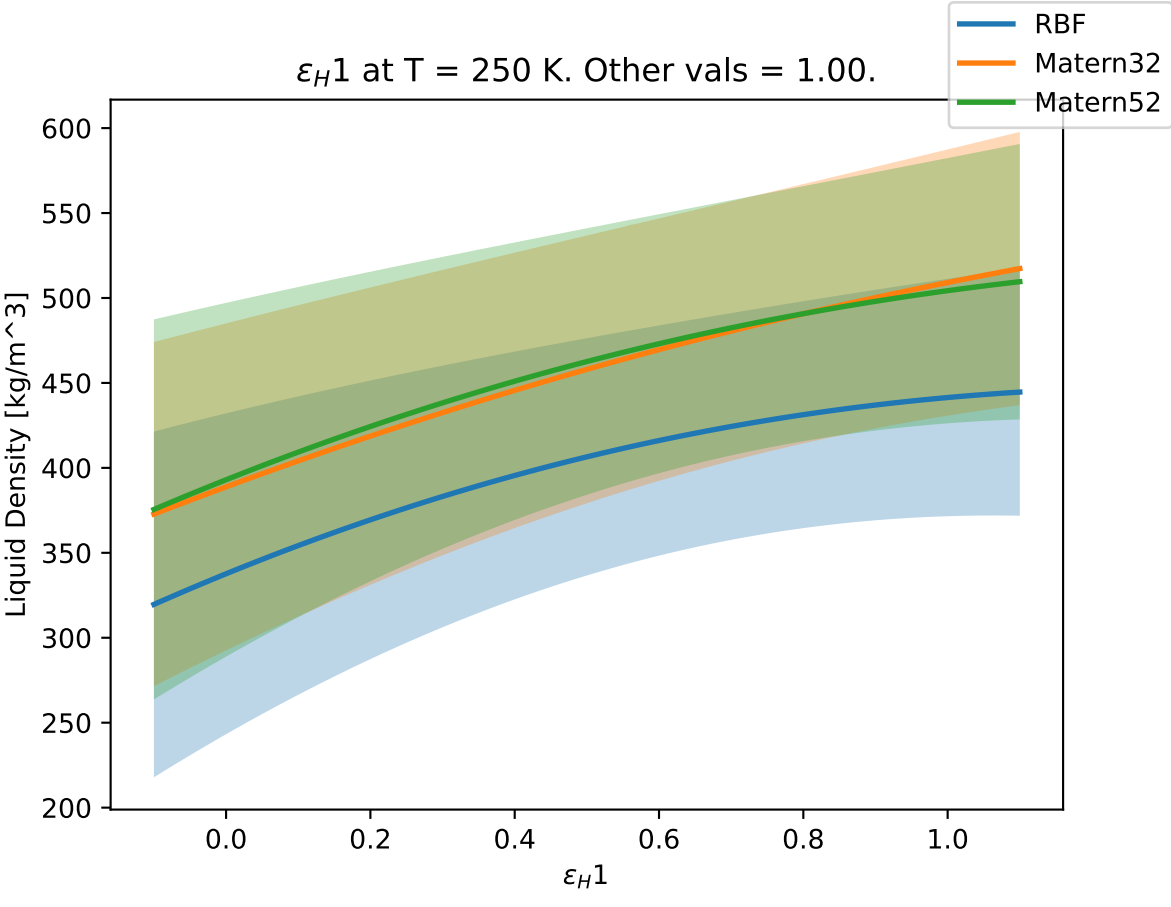

RBF
Matern32
Matern52
$\varepsilon_H 1$ at T = 250 K. Other vals = 0.50.
Liquid Density [kg/m^3]
600
550
500
450
400
350
300
250
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_H 1$

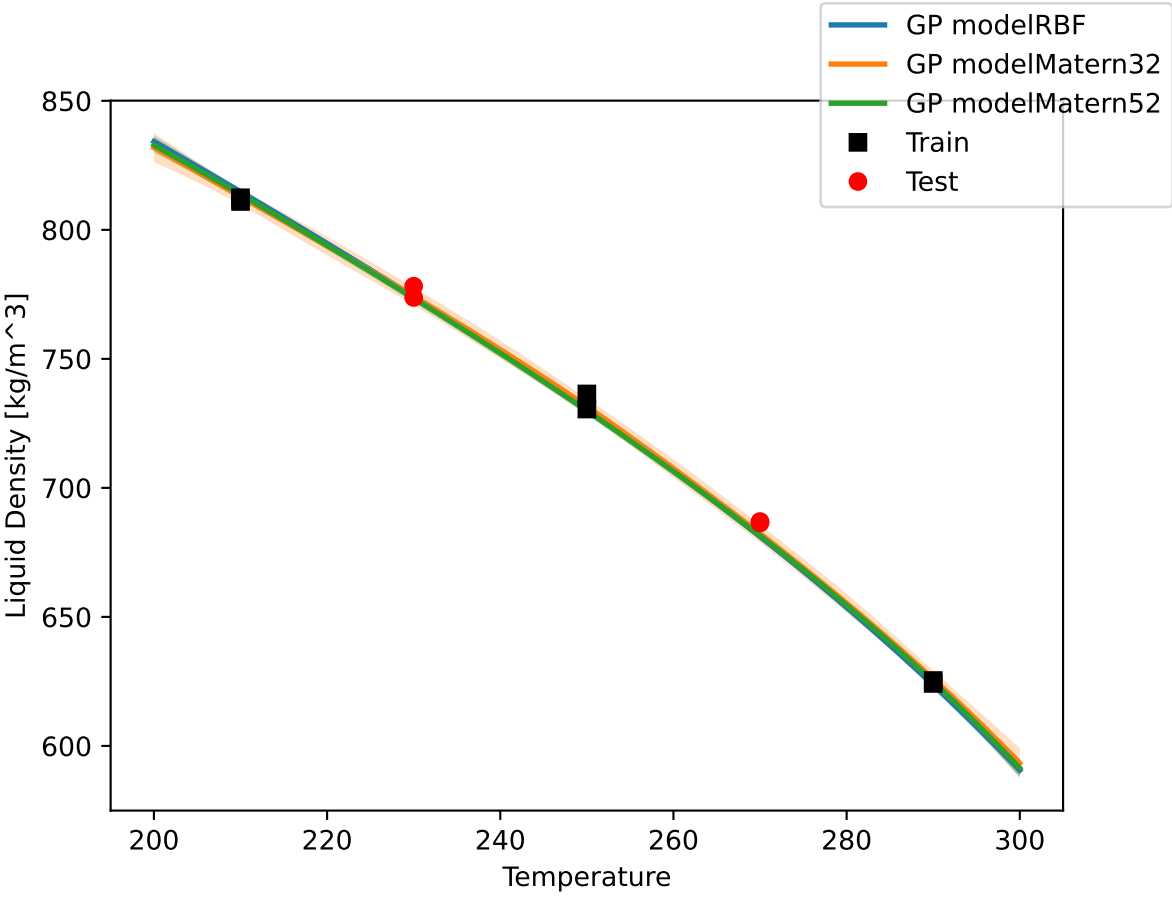

RBF
Matern32
Matern52
$\varepsilon_H 1$ at T = 250 K. Other vals = 0.60.
Liquid Density [kg/m^3]
600
550
500
450
400
350
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_H 1$

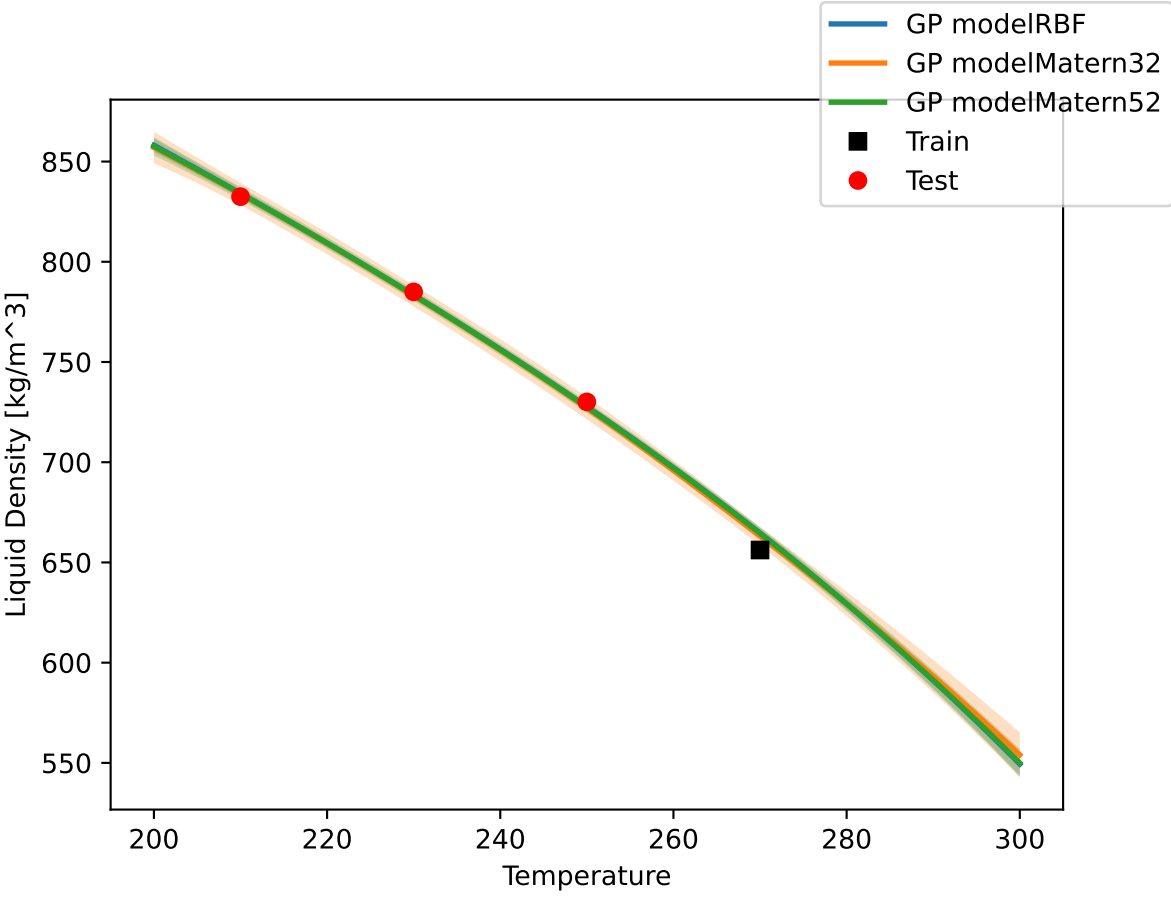

RBF
Matern32
Matern52
$\varepsilon_H 1$ at T = 250 K. Other vals = 0.70.
Liquid Density [kg/m^3]
600
550
500
450
400
350
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_H 1$

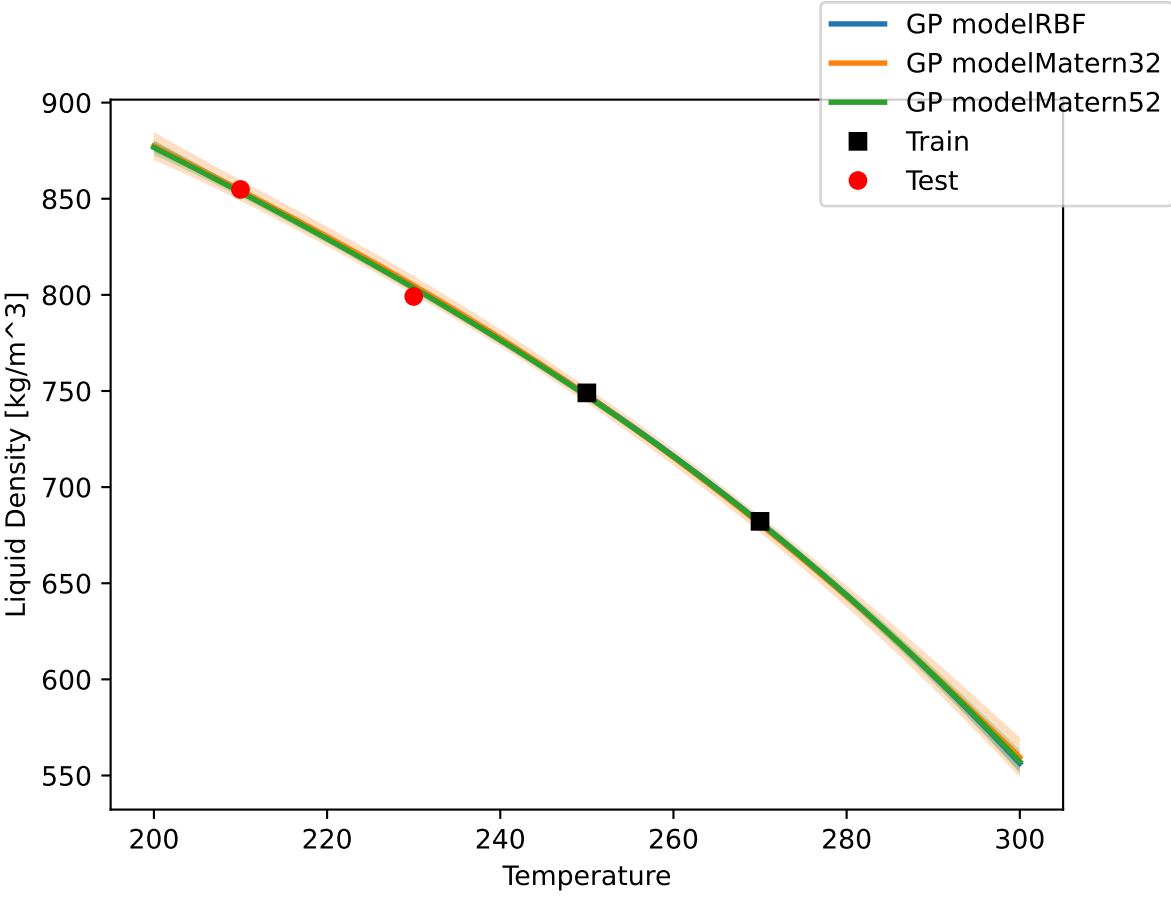

RBF
Matern32
Matern52
$\varepsilon_H 1$ at T = 250 K. Other vals = 0.80.
Liquid Density [kg/m^3]
600
550
500
450
400
350
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_H 1$

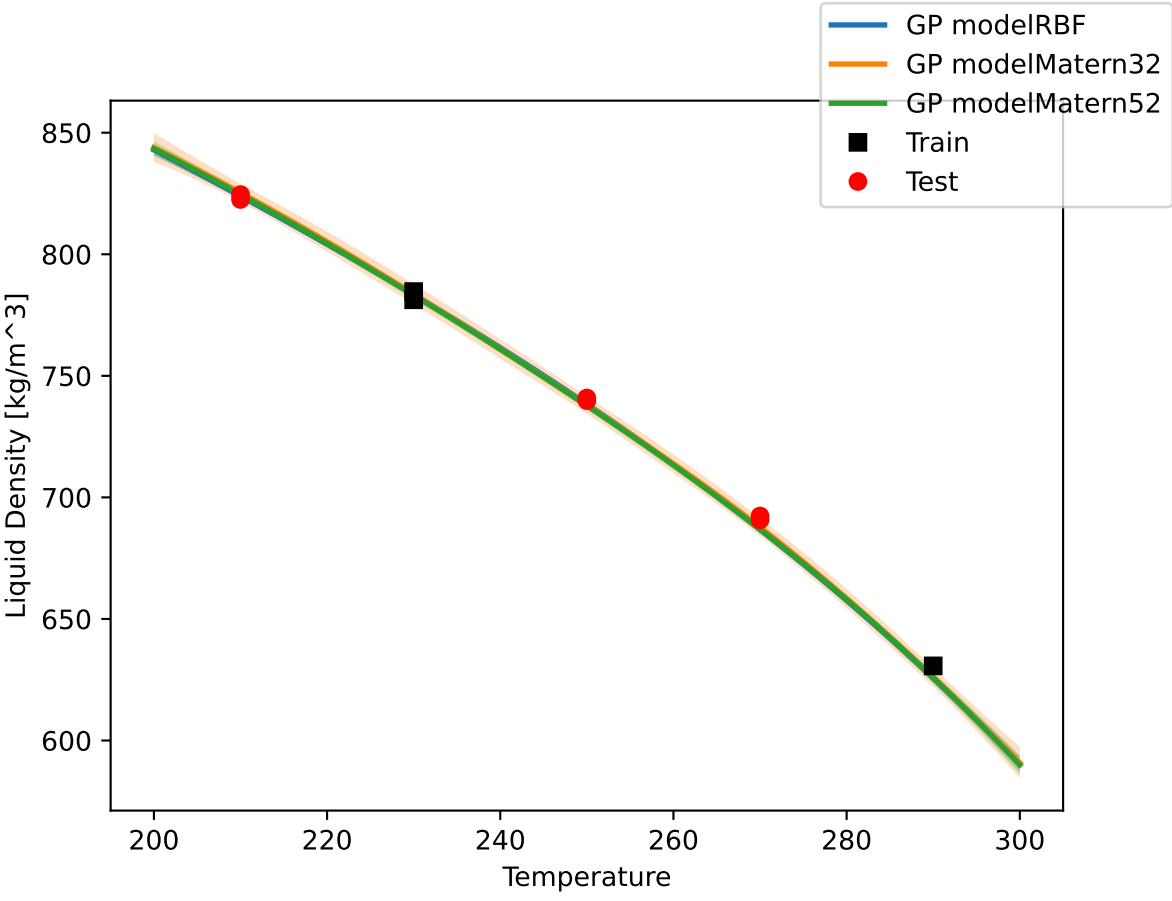

RBF
Matern32
Matern52
$\varepsilon_H 1$ at T = 250 K. Other vals = 0.90.
Liquid Density [kg/m^3]
600
550
500
450
400
350
300
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_H 1$

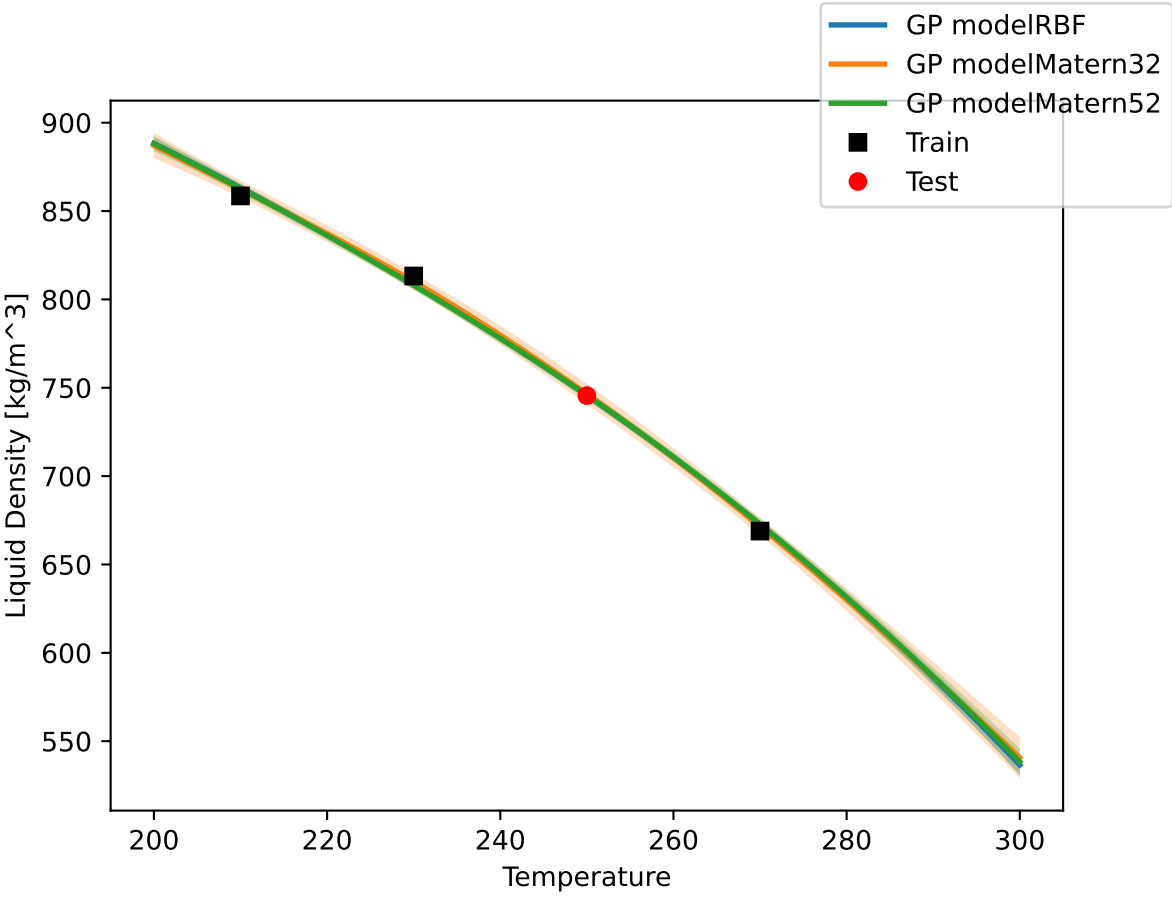

RBF
Matern32
Matern52
$\varepsilon_H 1$ at T = 250 K. Other vals = 1.00.
Liquid Density [kg/m^3]
600
550
500
450
400
350
300
250
200
0.0
0.2
0.4
0.6
0.8
1.0
$\varepsilon_H 1$

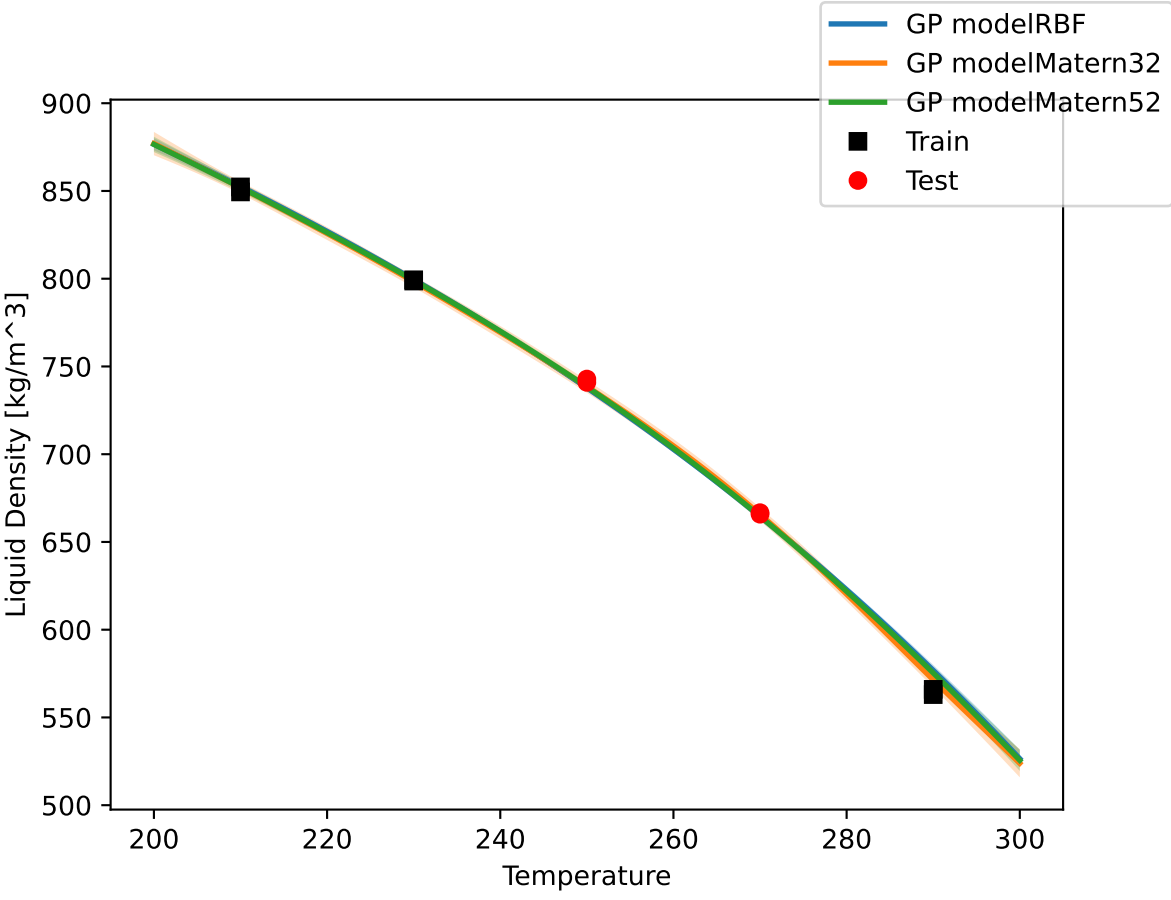

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

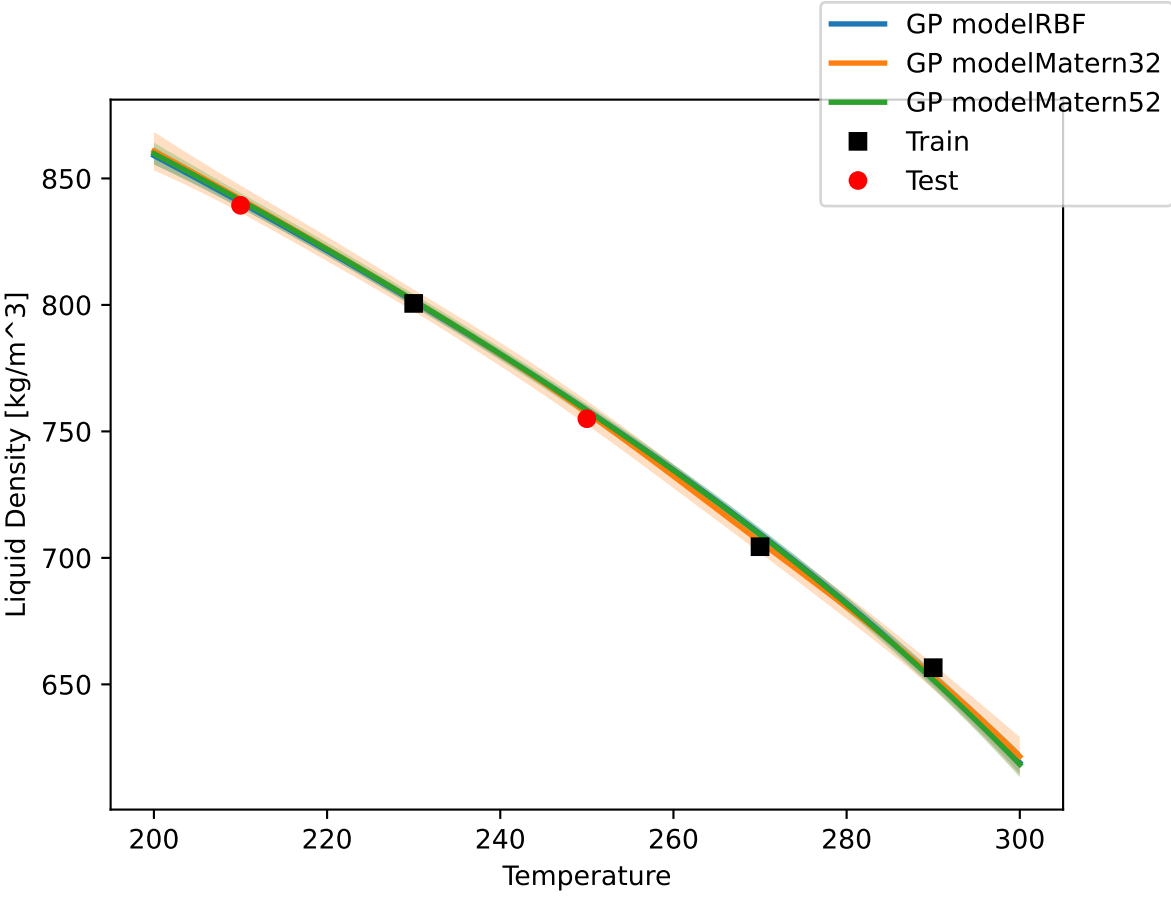

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

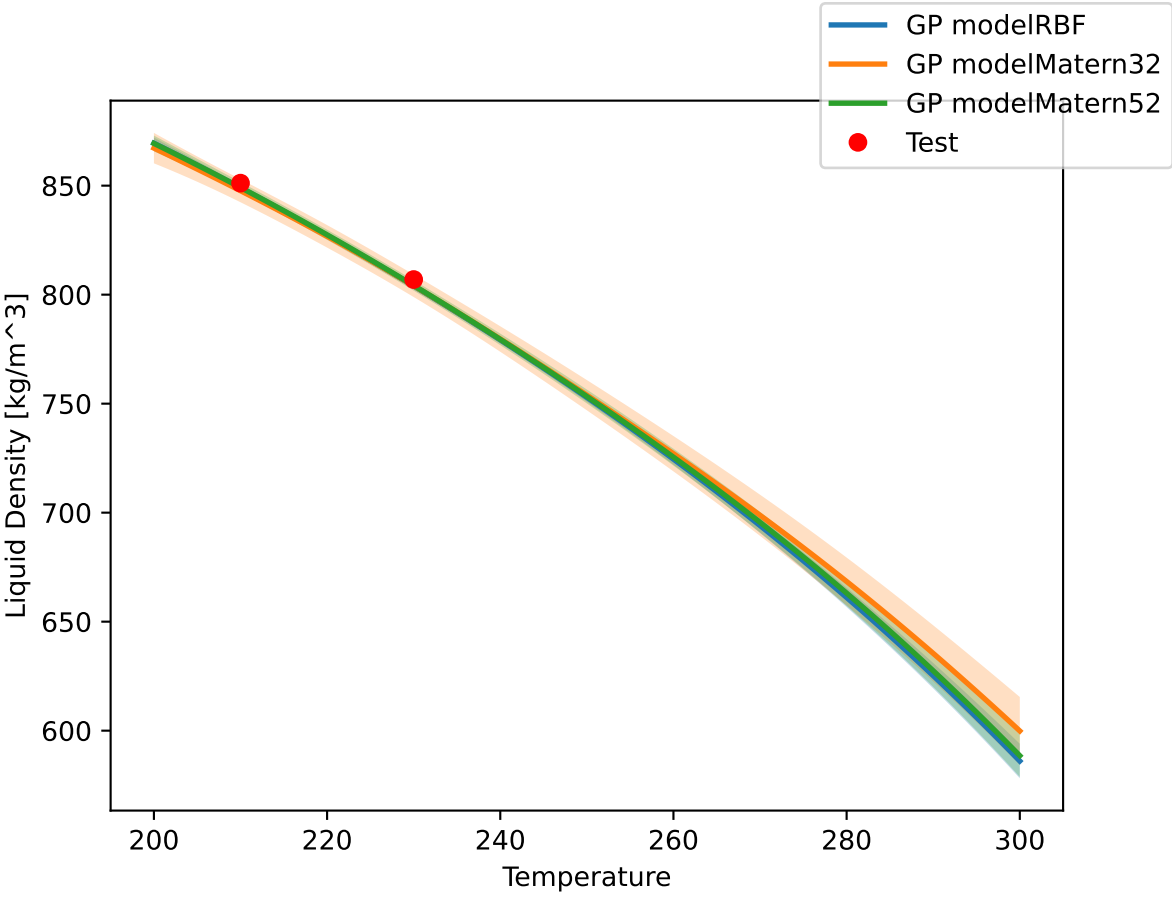

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

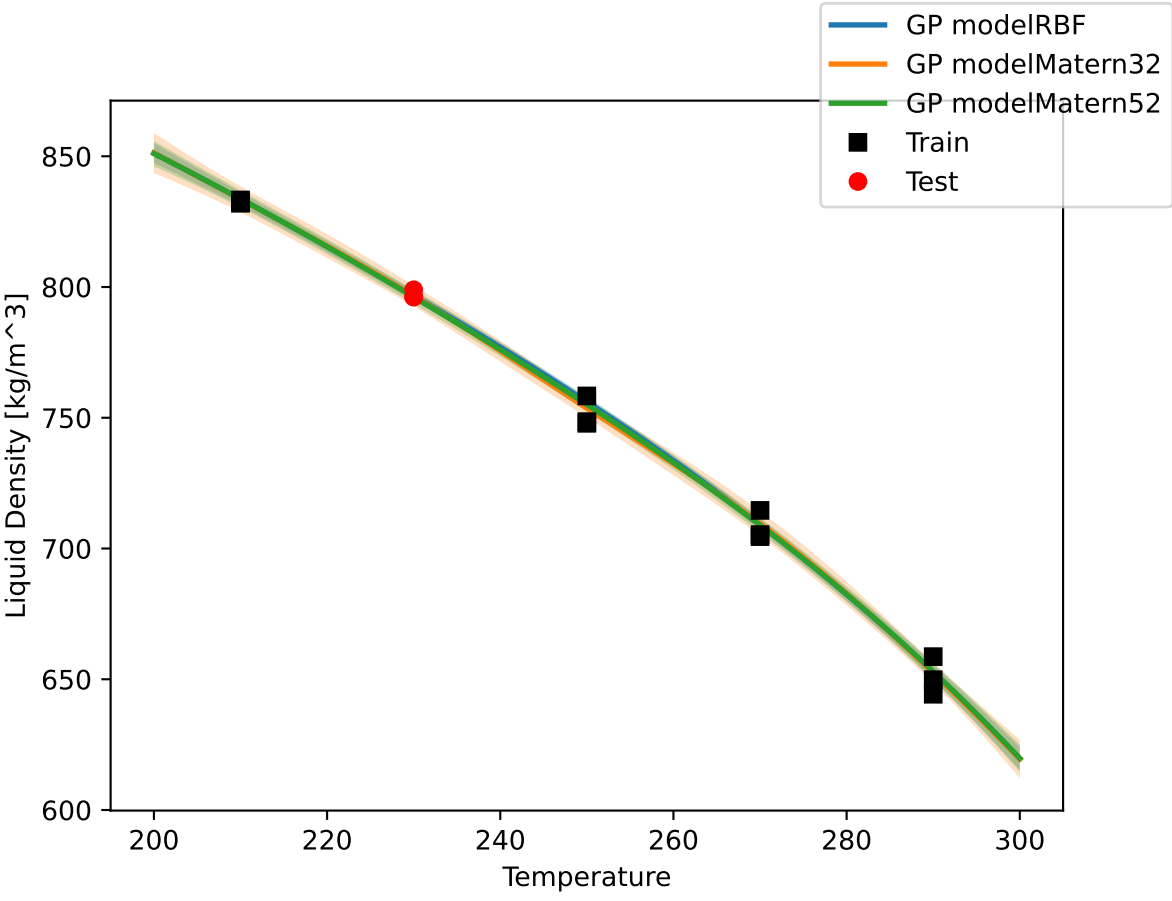

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

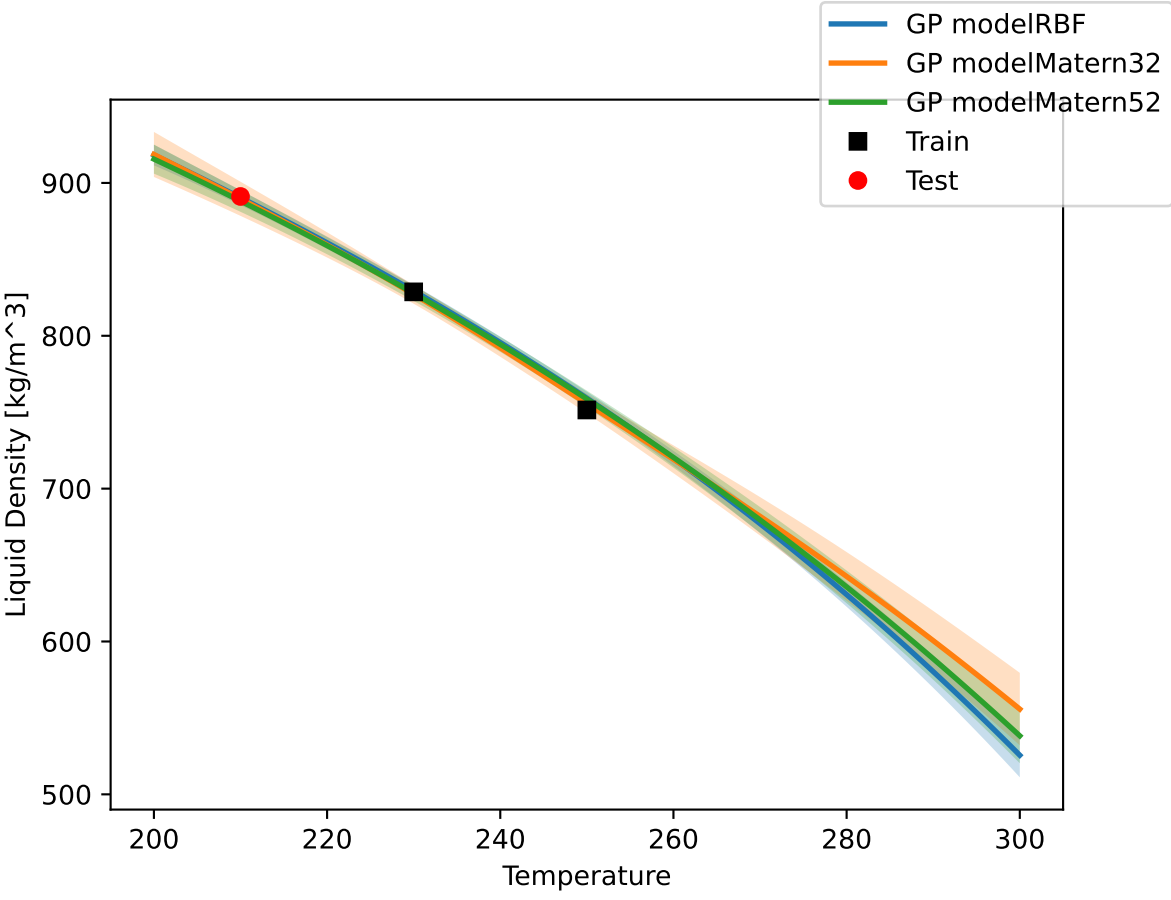

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

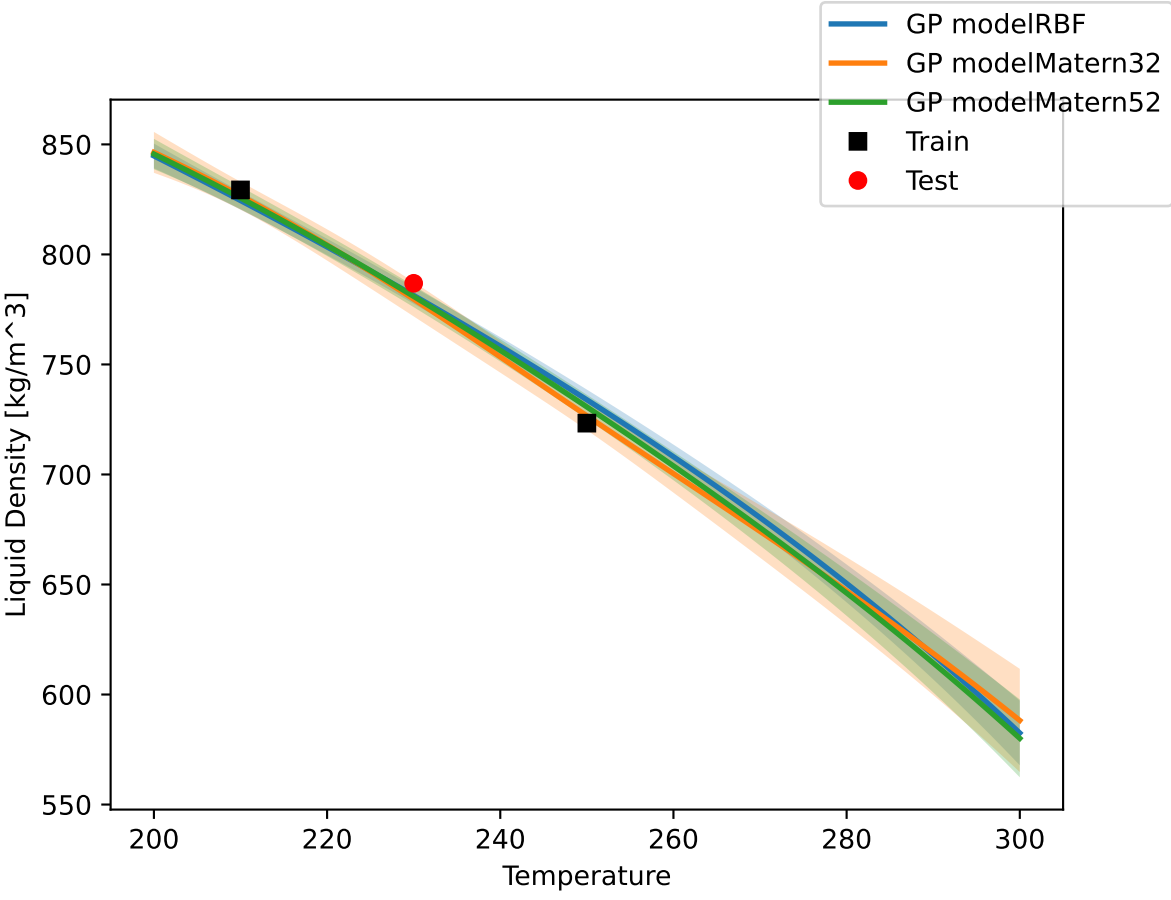

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
600
550
500
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

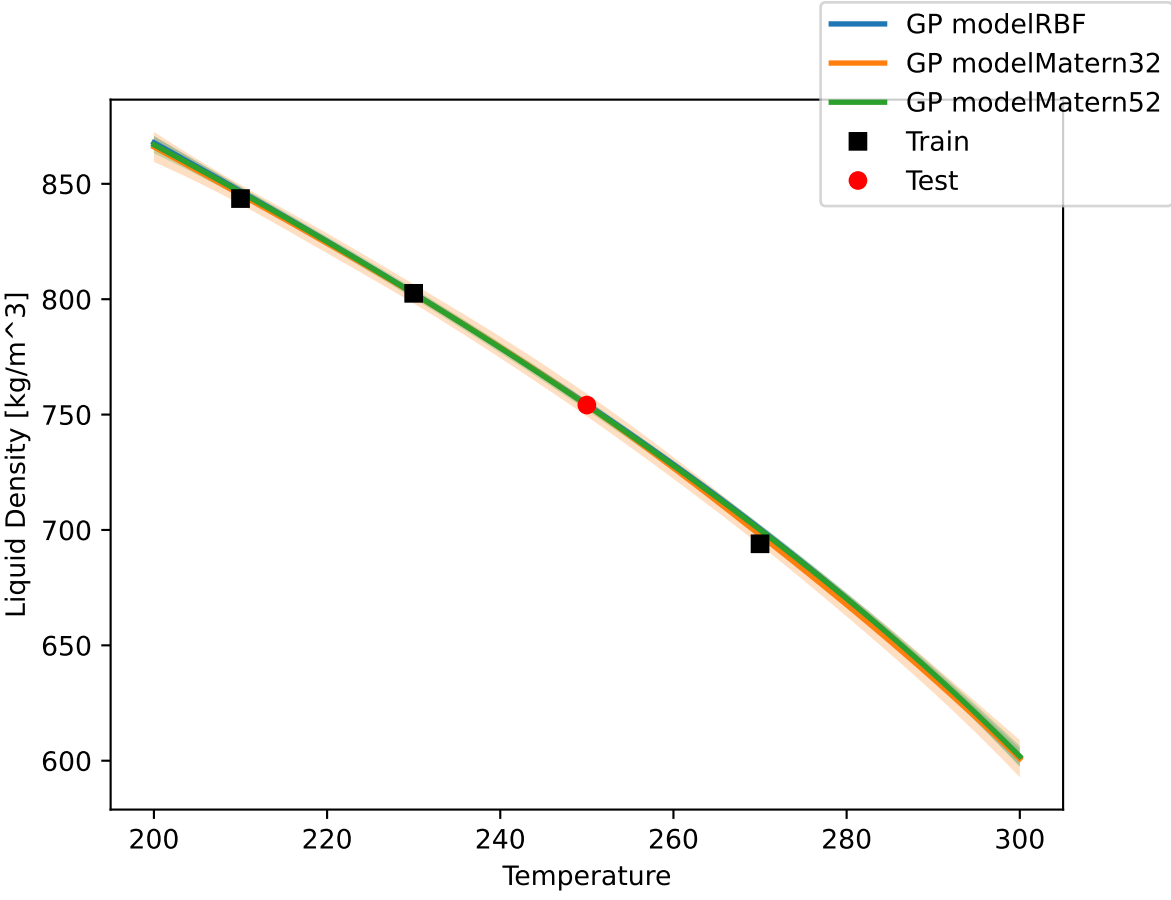

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

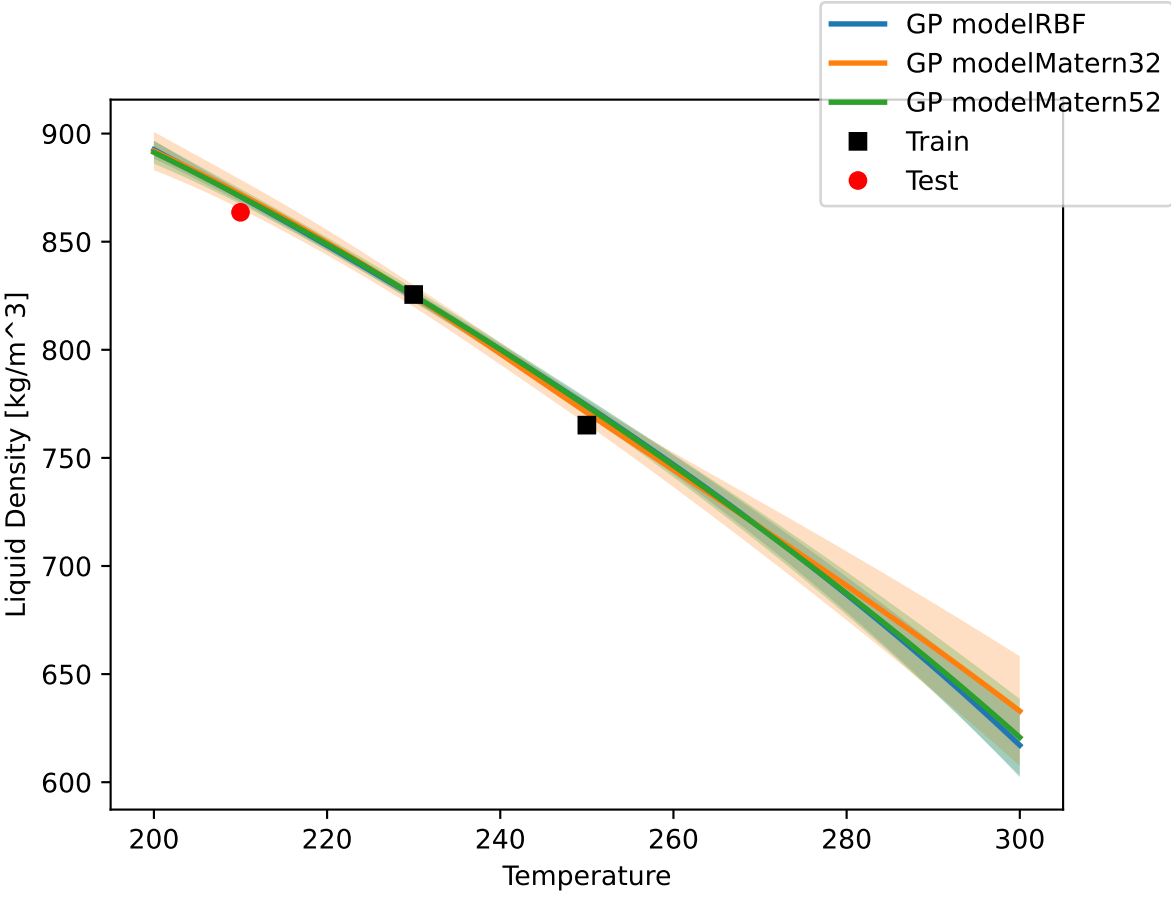

GP modelRBF
GP modelMatern32
GP modelMatern52
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

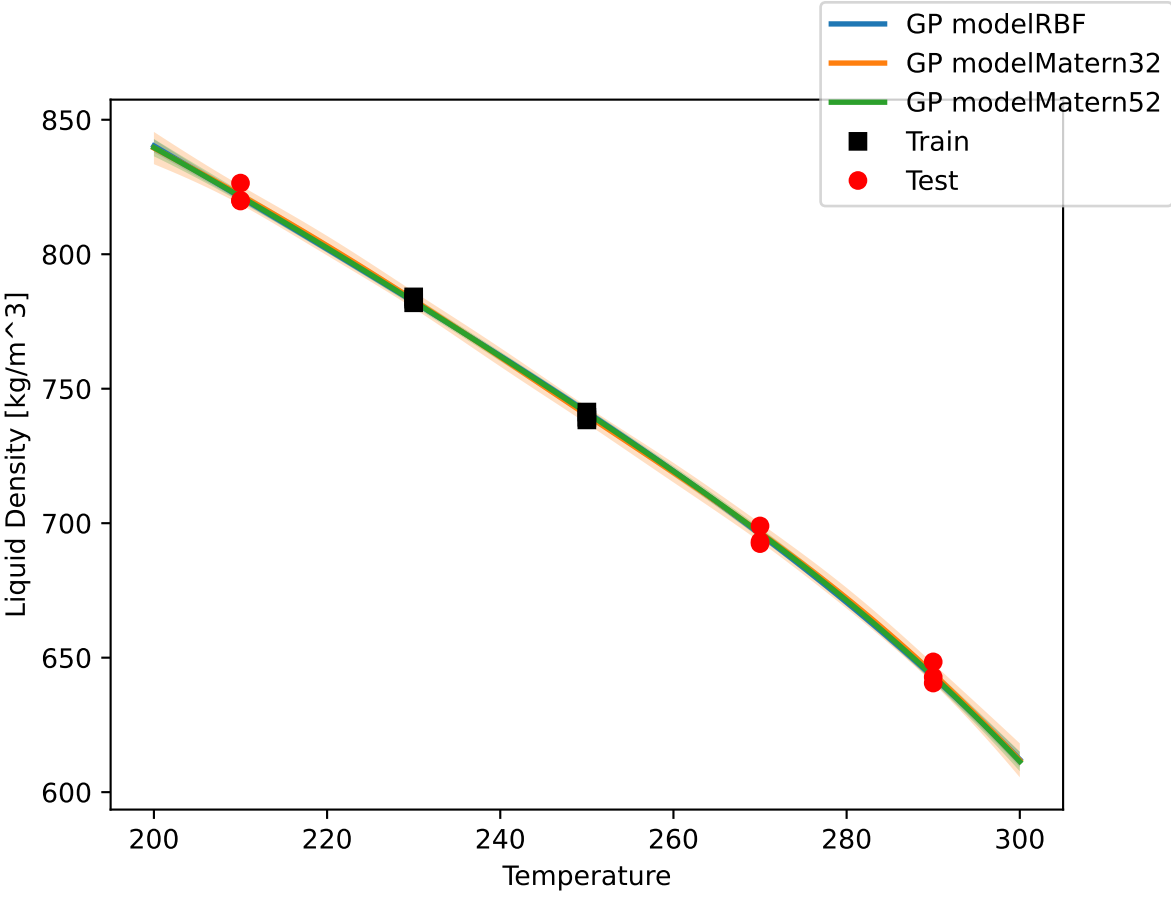

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

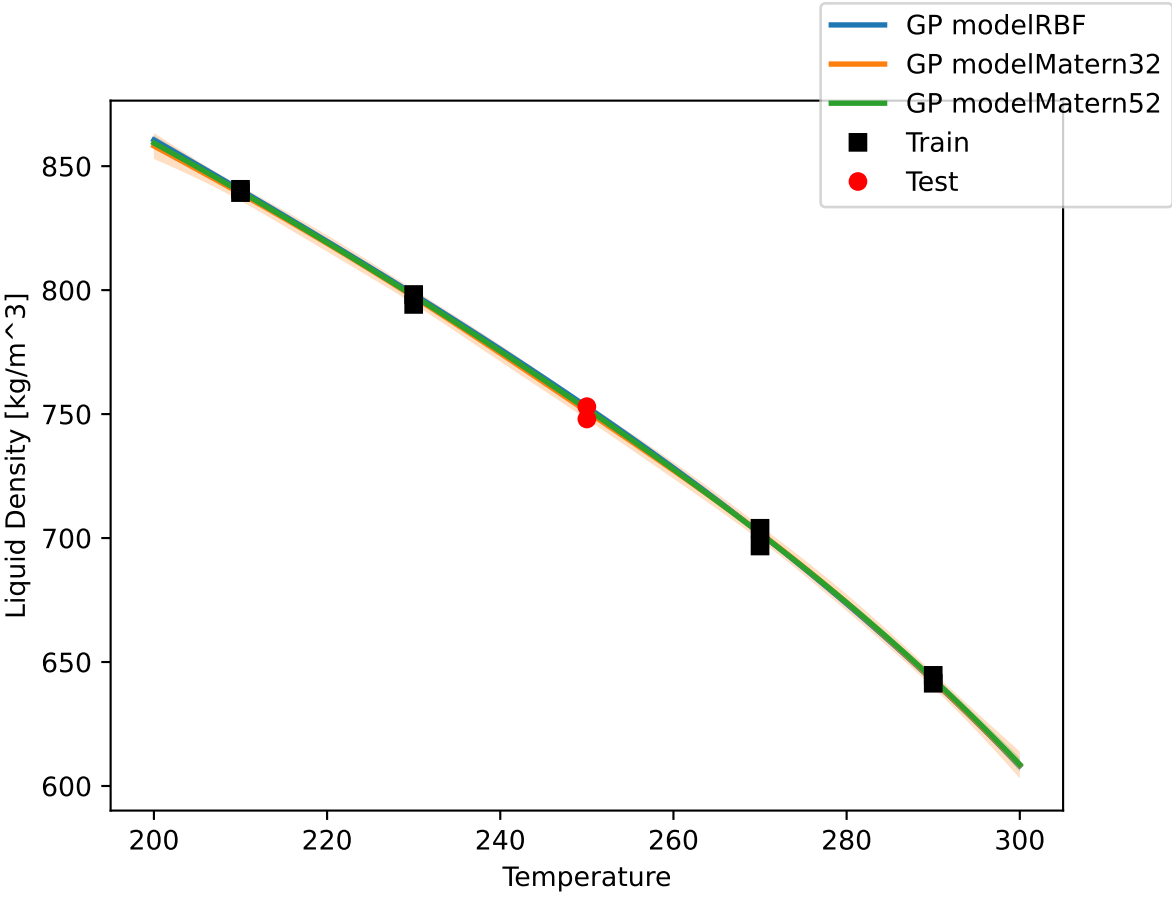

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
800
700
600
500
200
220
240
260
280
300
Temperature

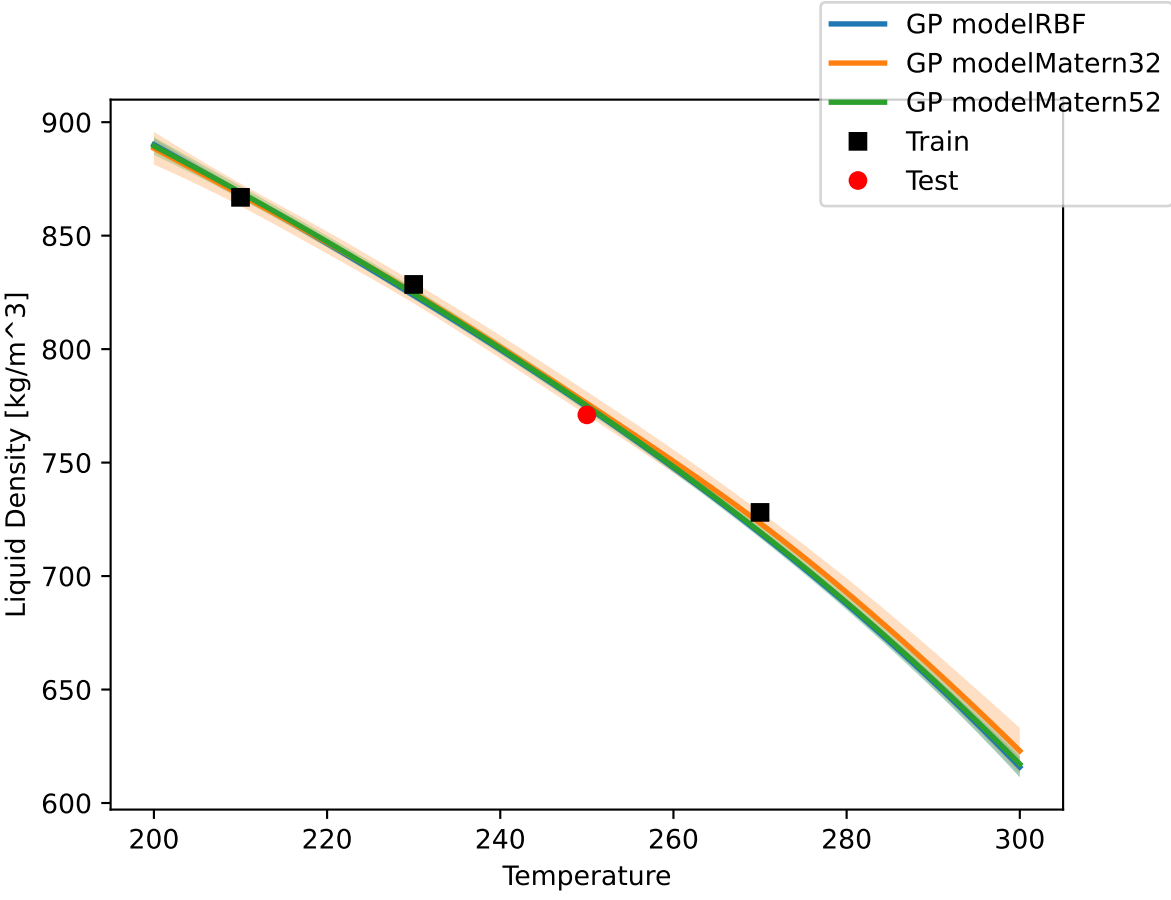

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

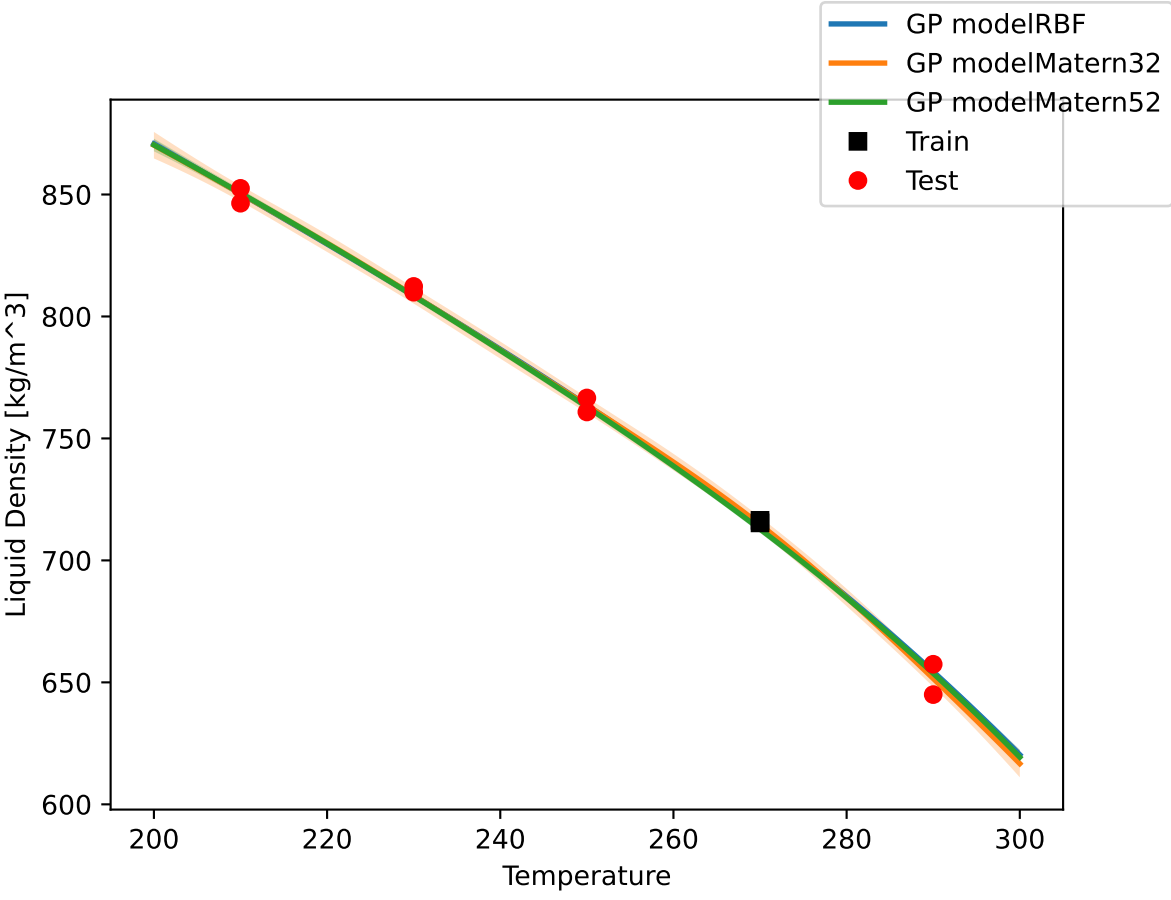

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

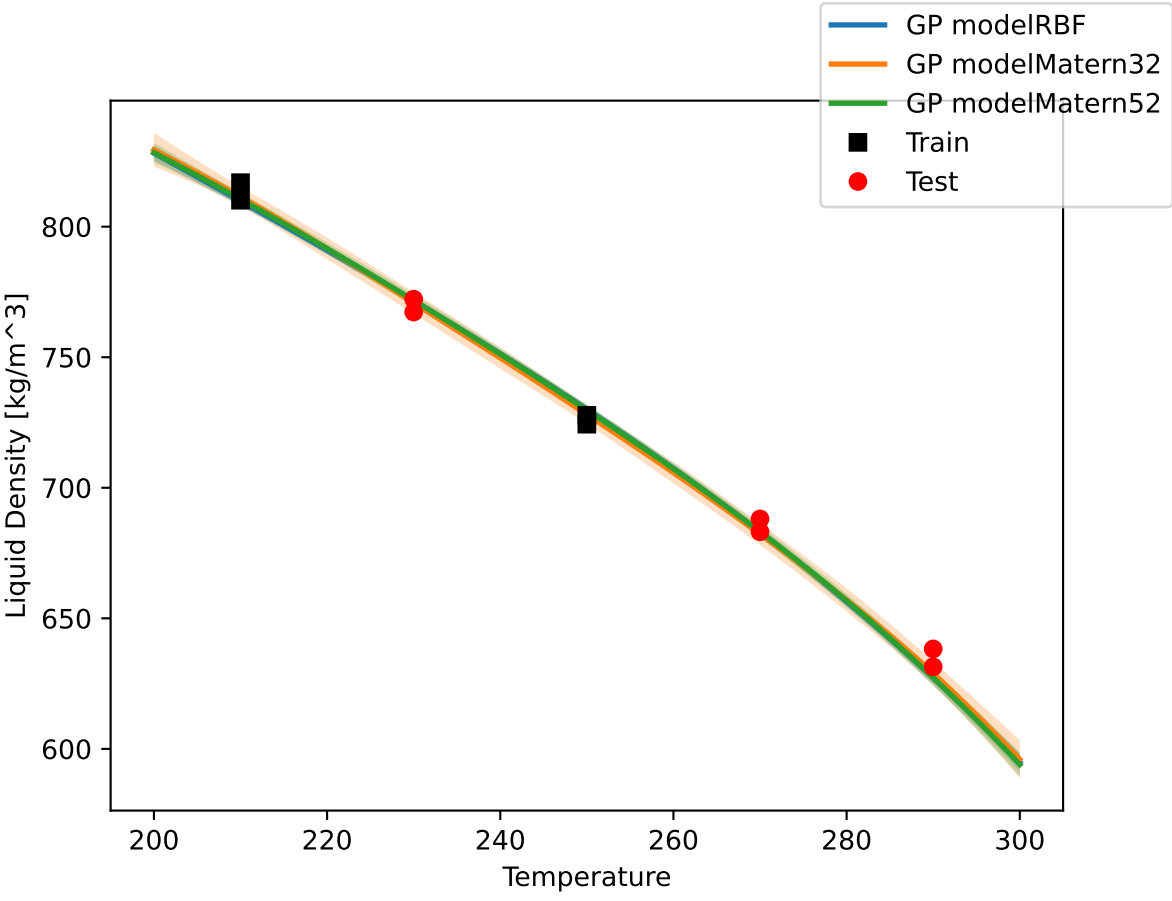

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

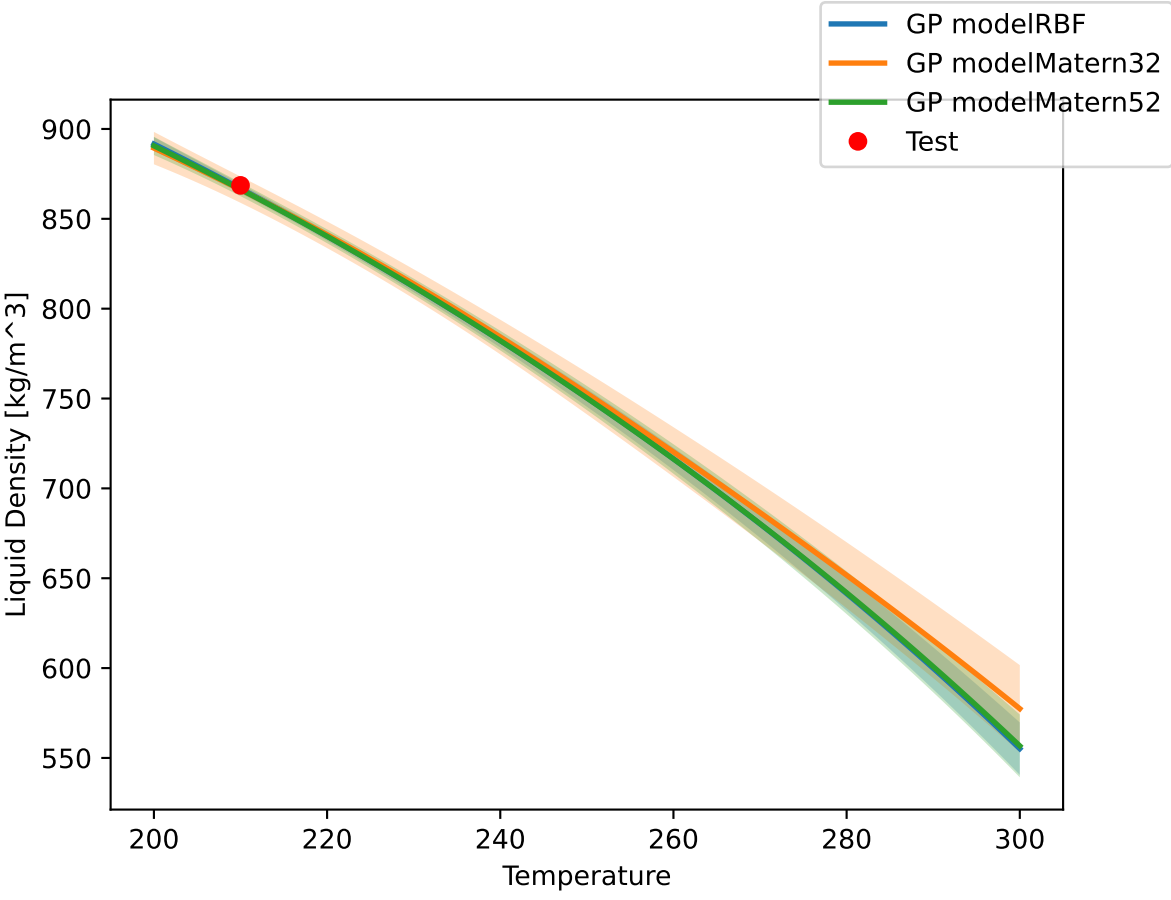

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

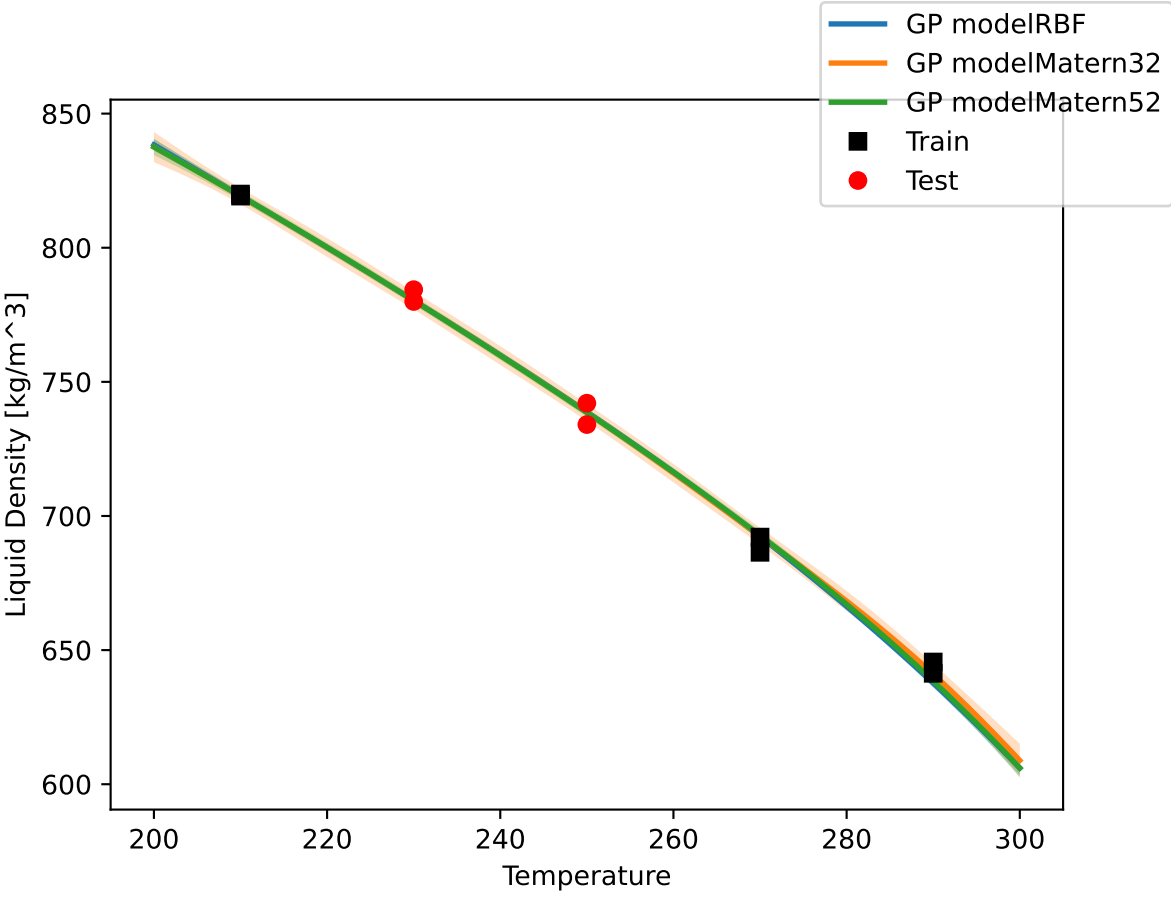

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

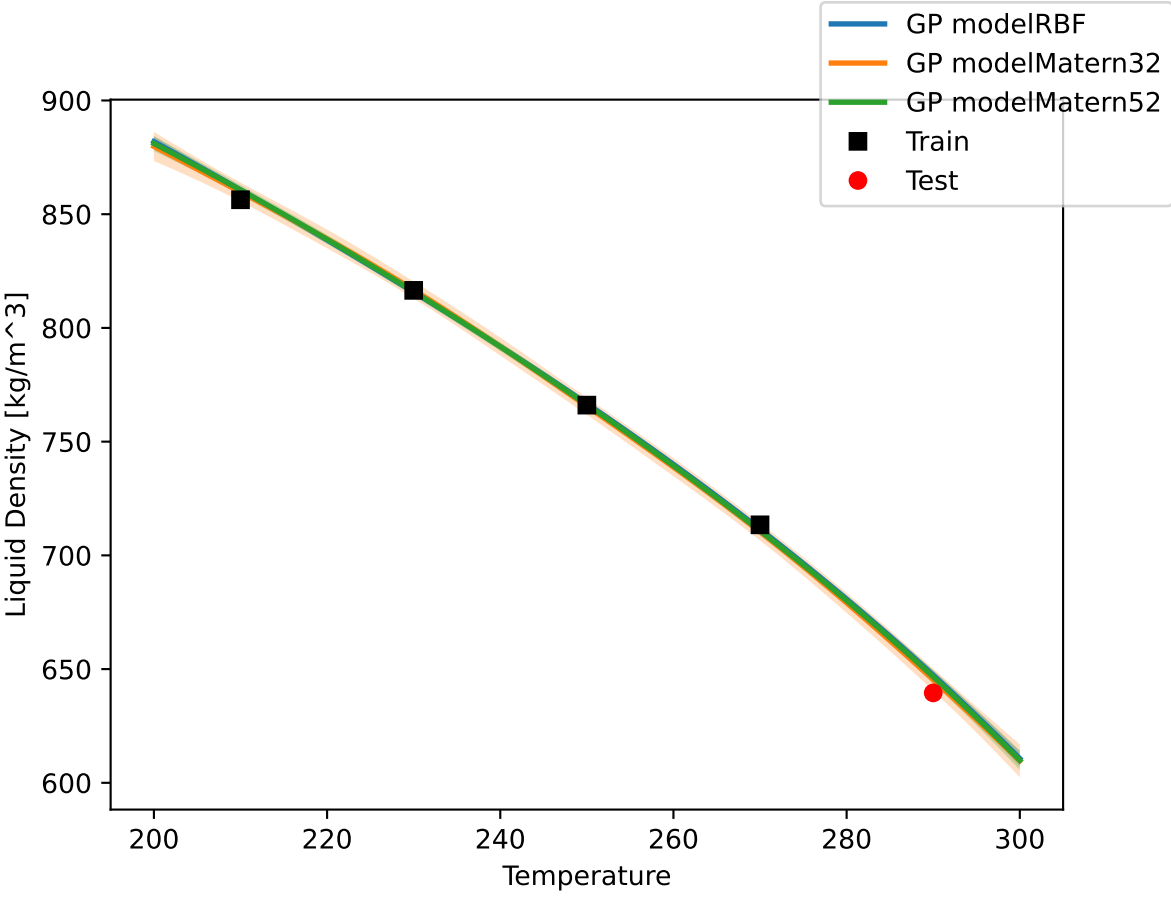

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

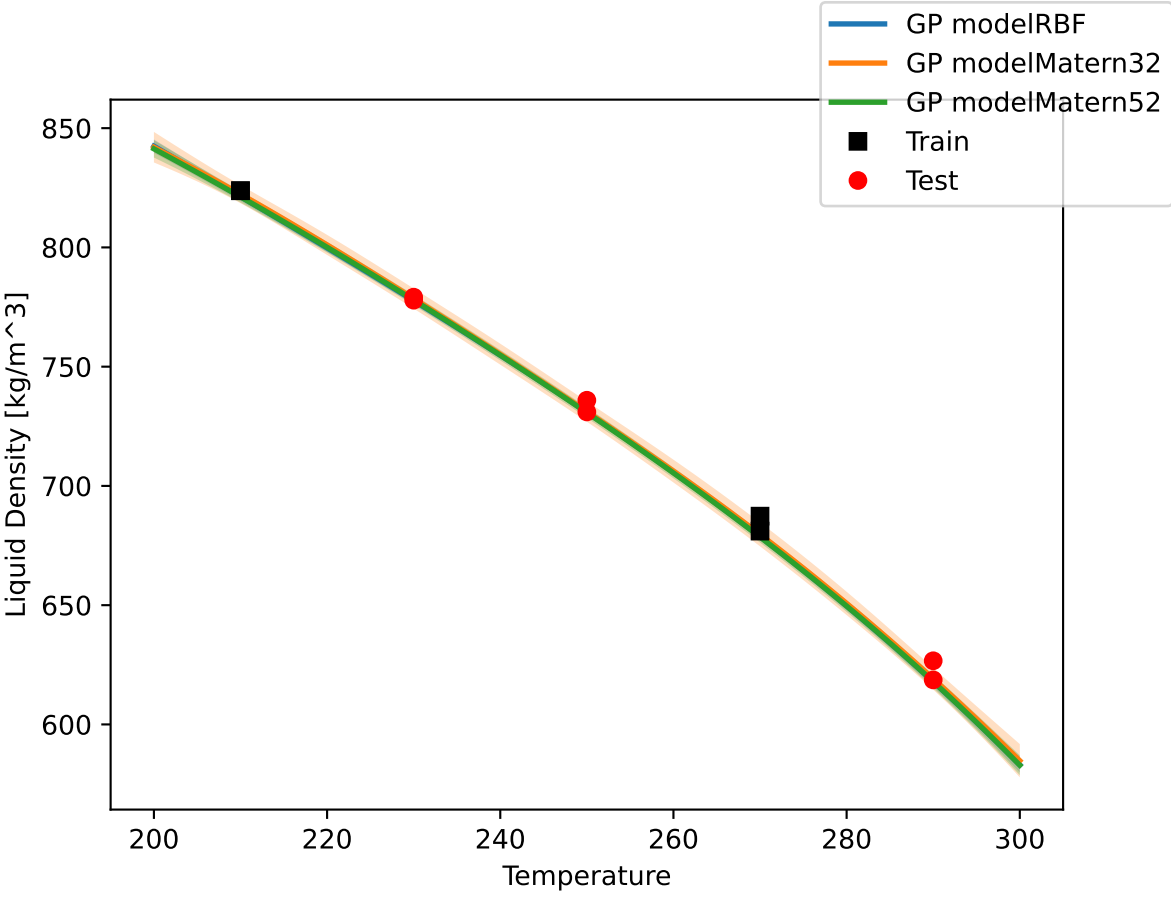

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

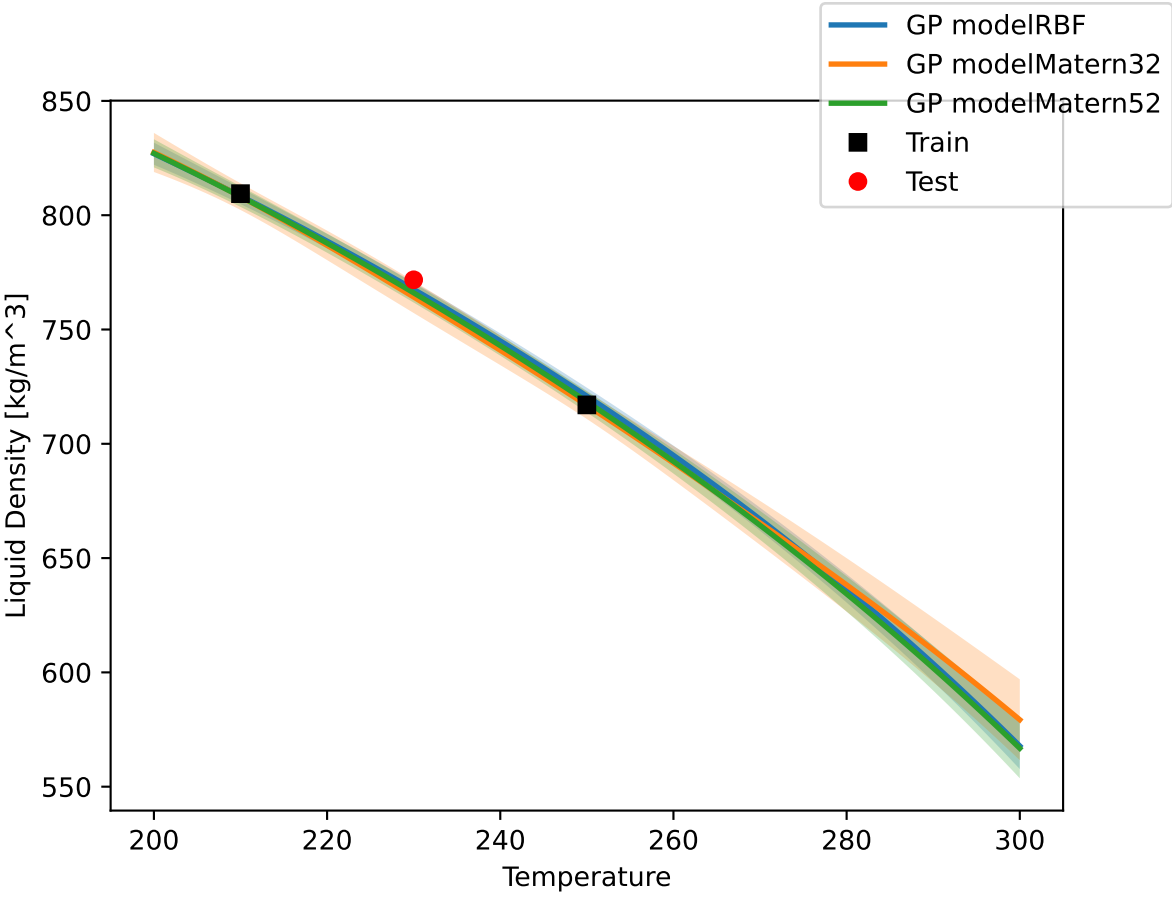

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

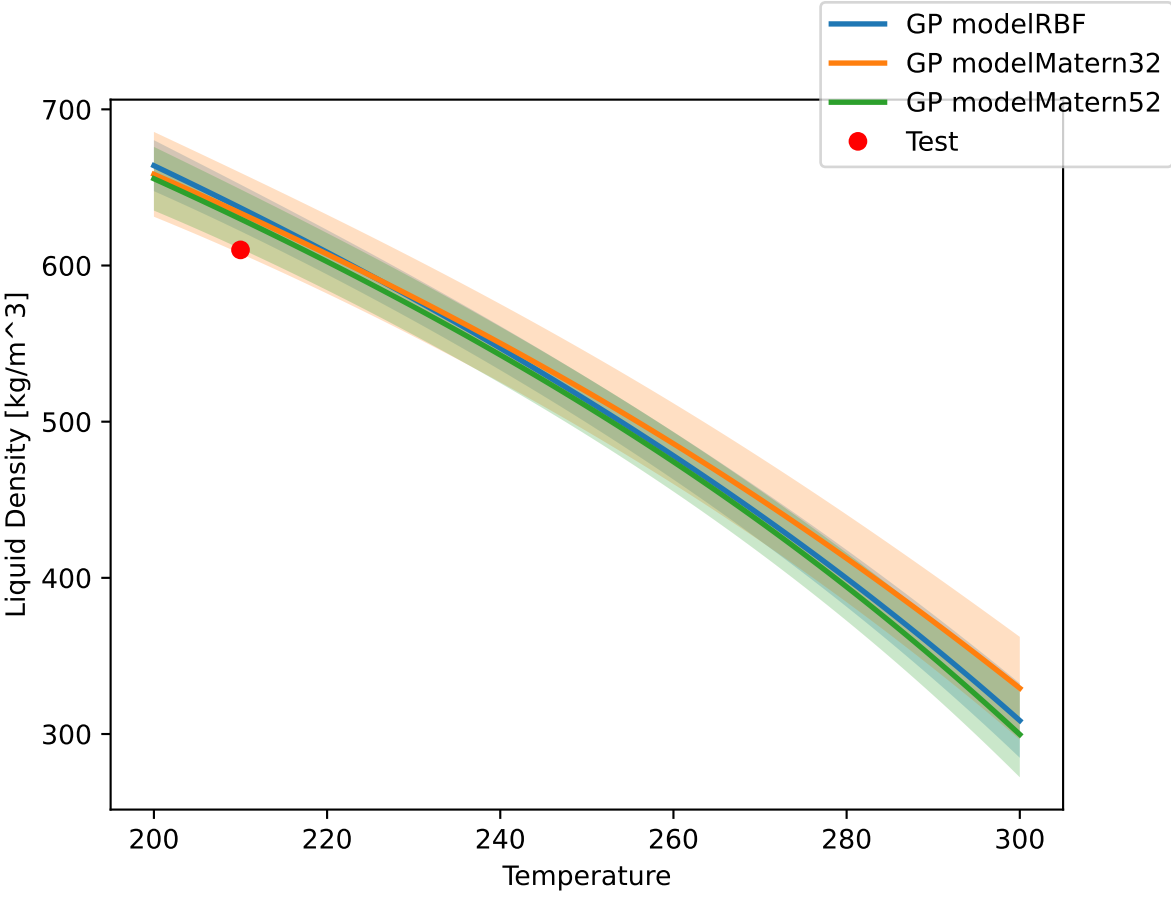

GP modelRBF
GP modelMatern32
GP modelMatern52
Test
900
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

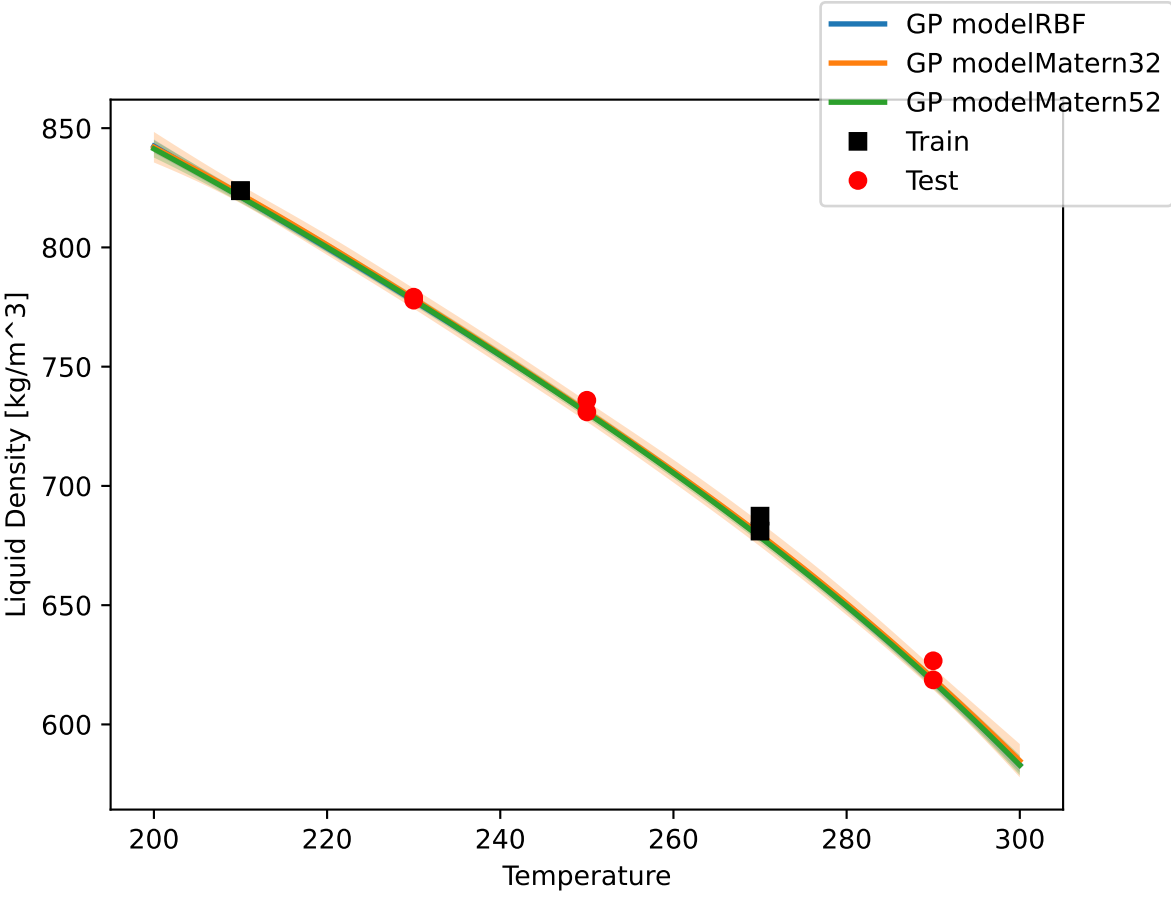

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

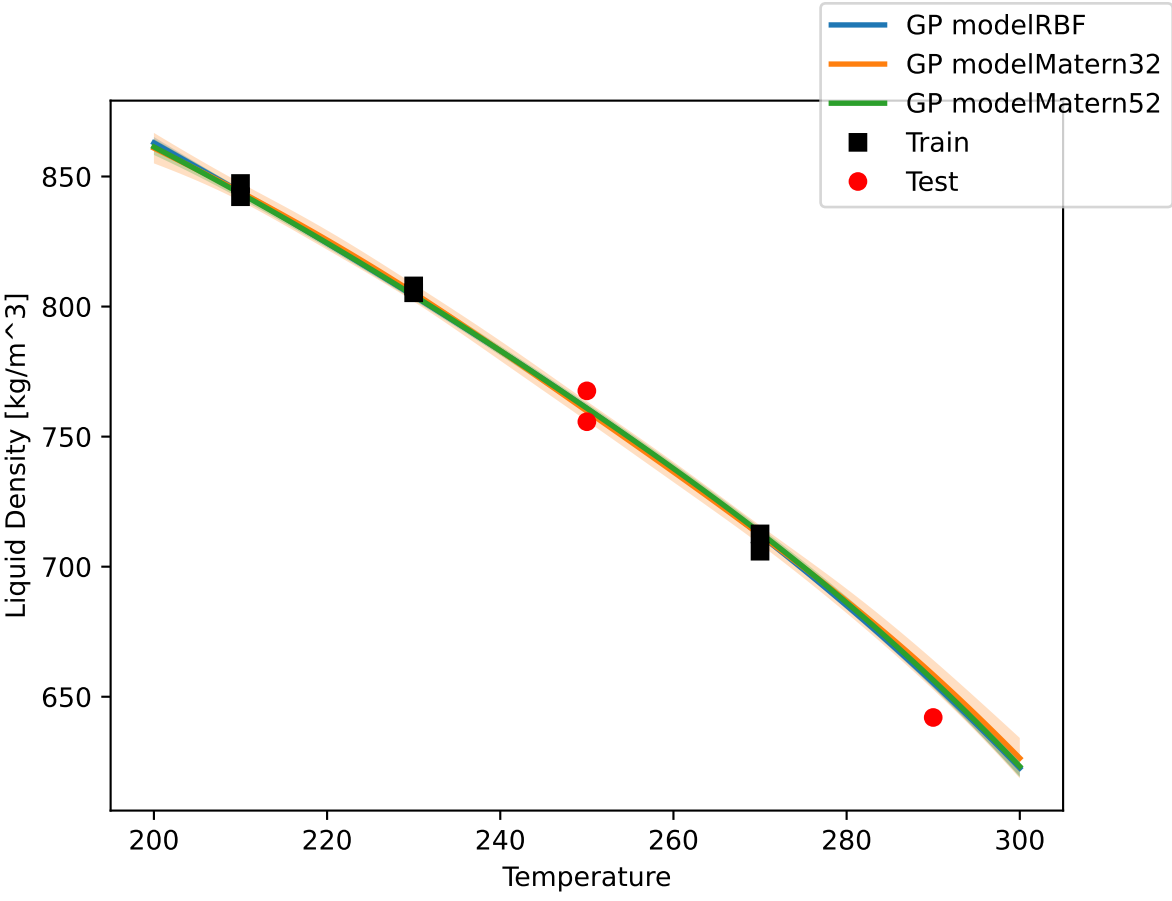

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

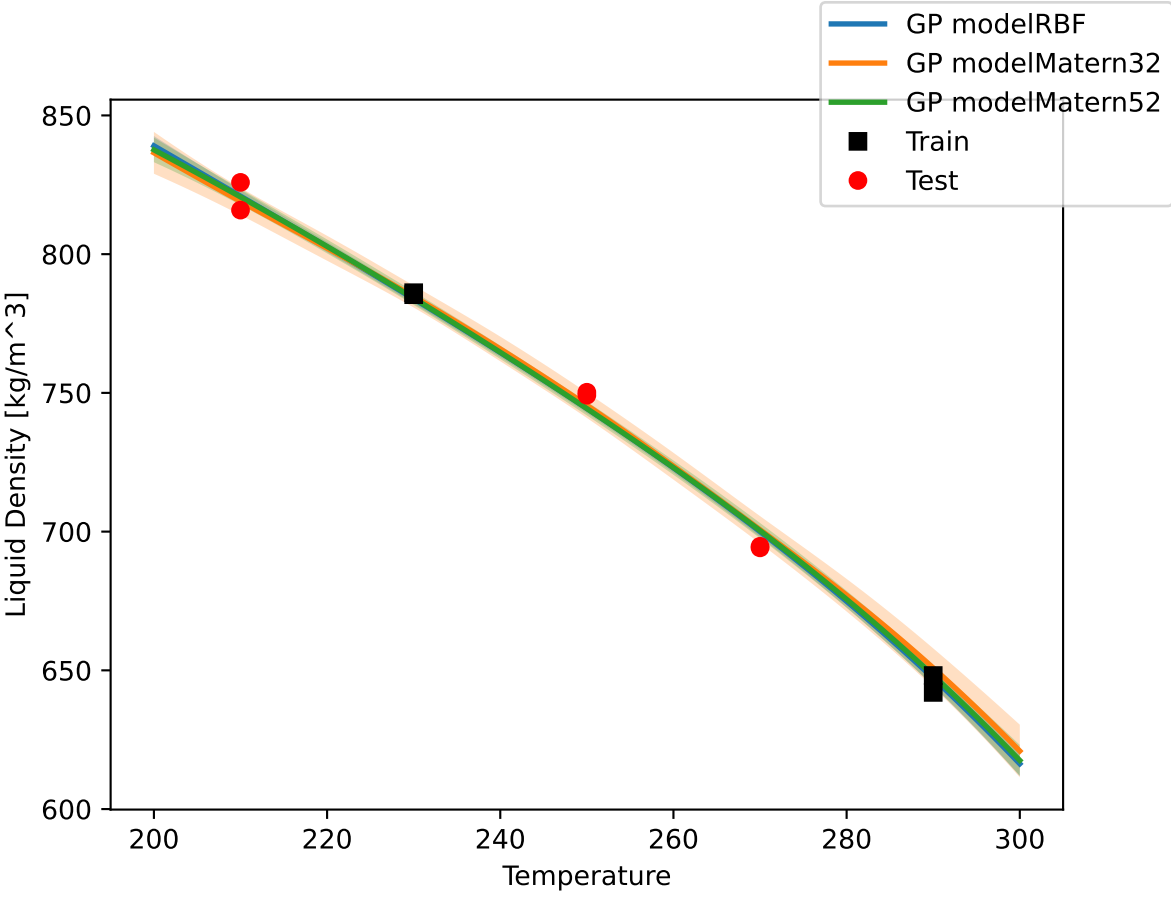

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

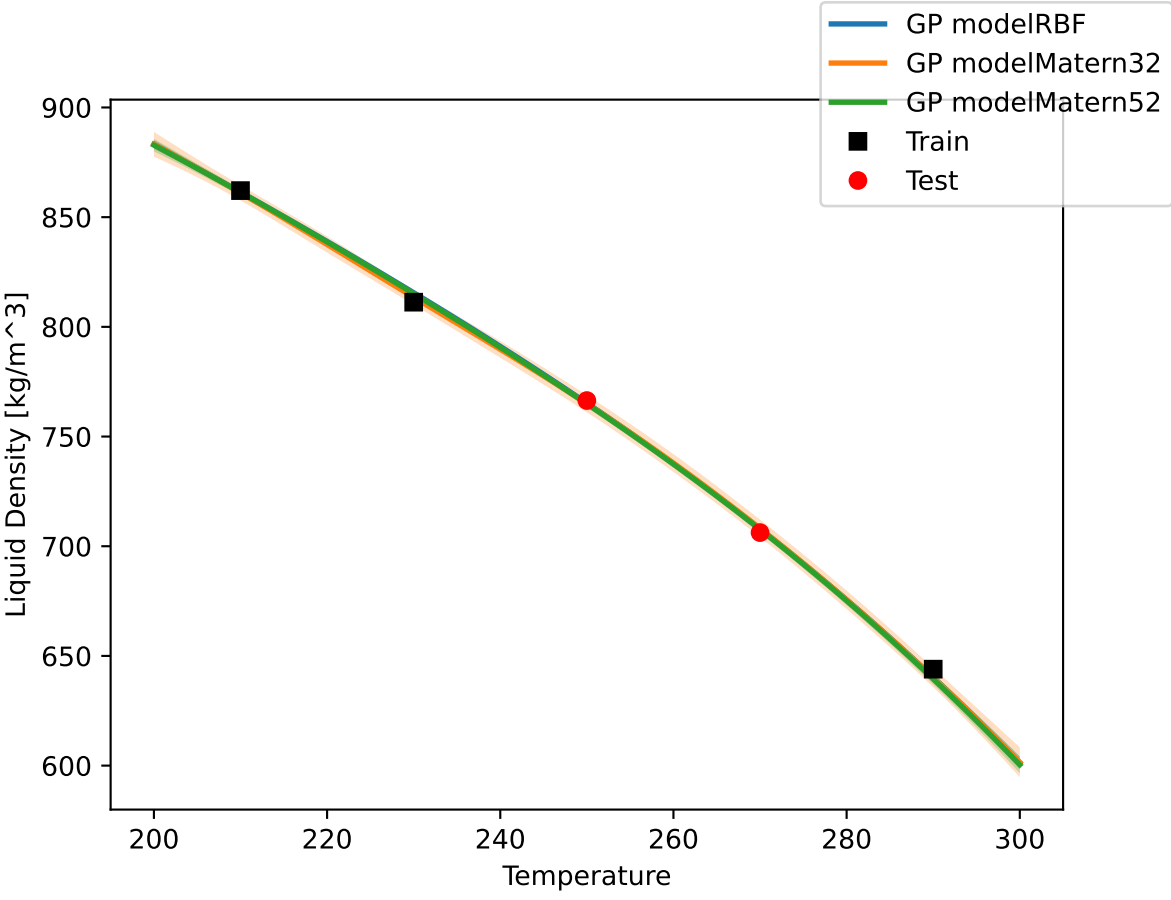

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

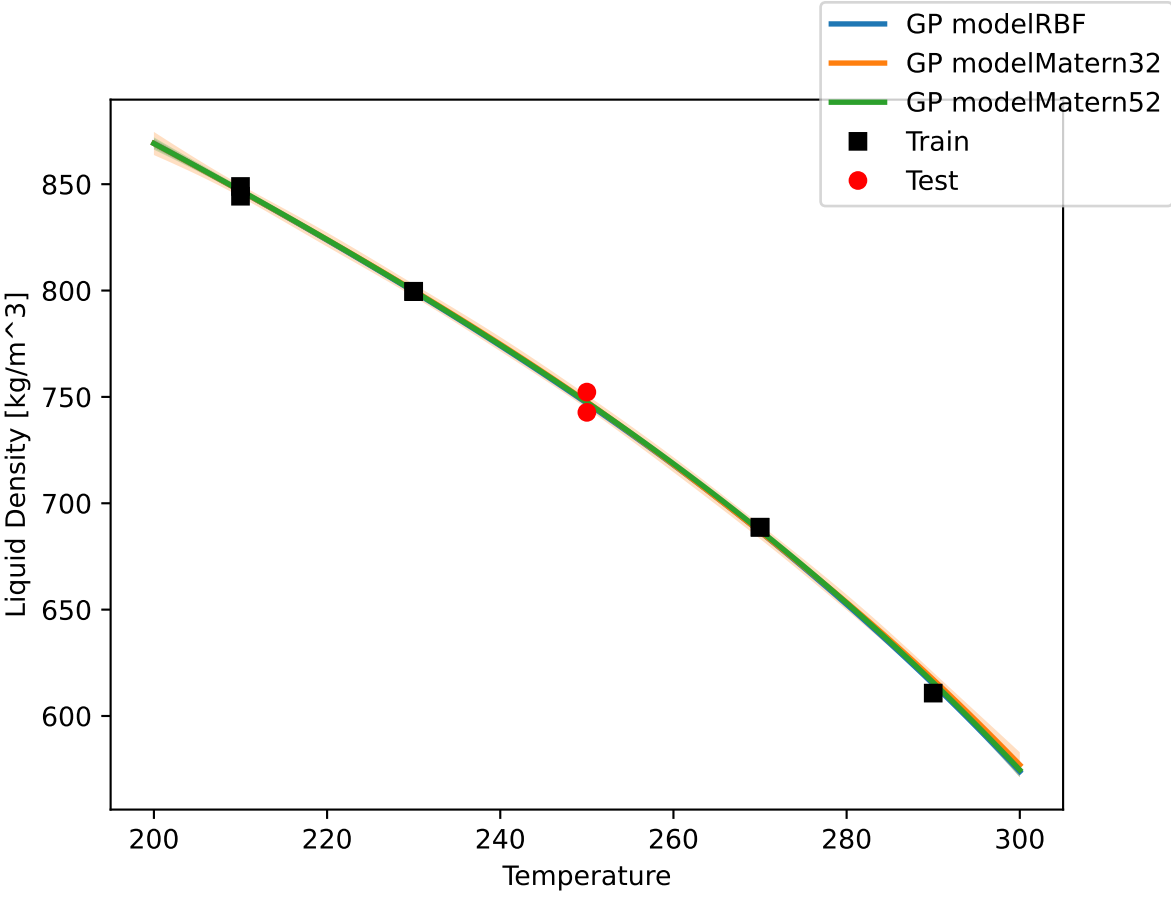

GP modelRBF
GP modelMatern32
GP modelMatern52
Test
700
600
500
400
300
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

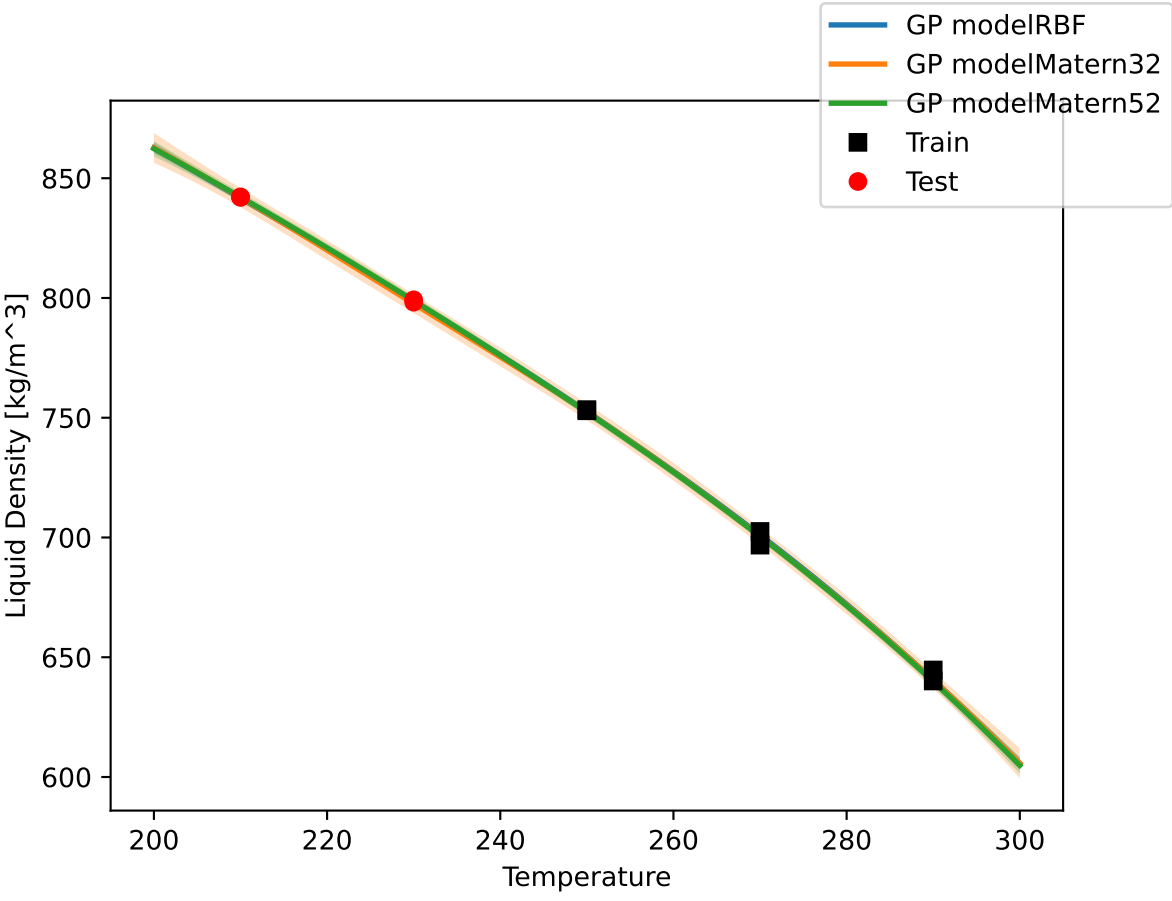

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

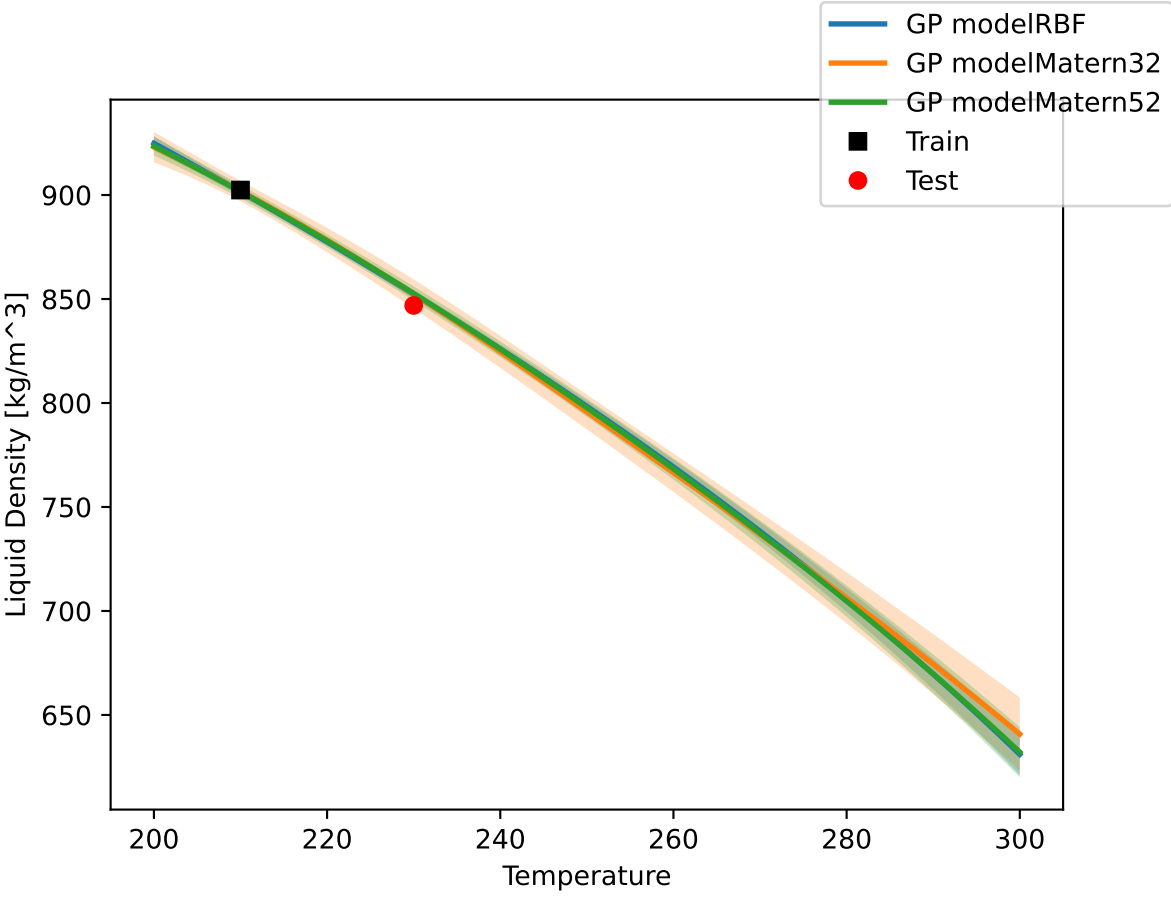

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

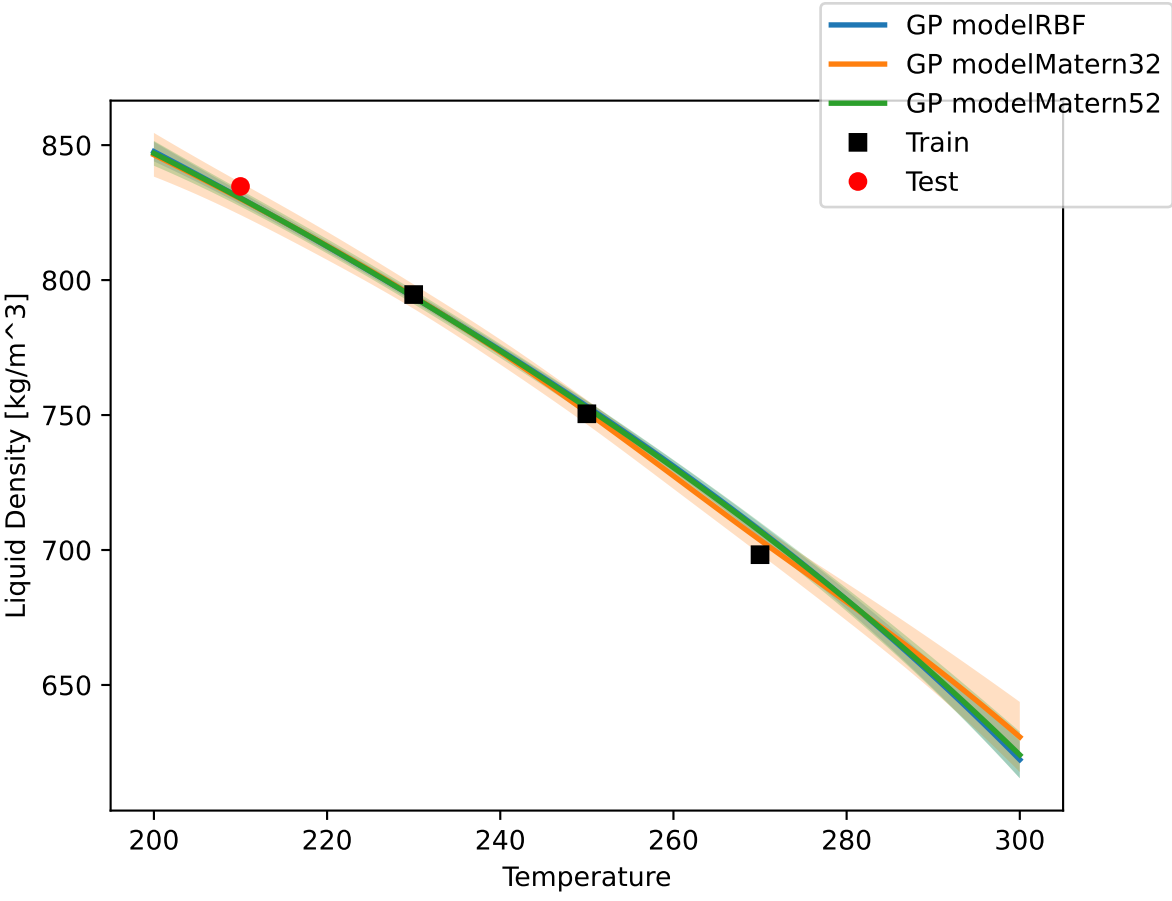

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

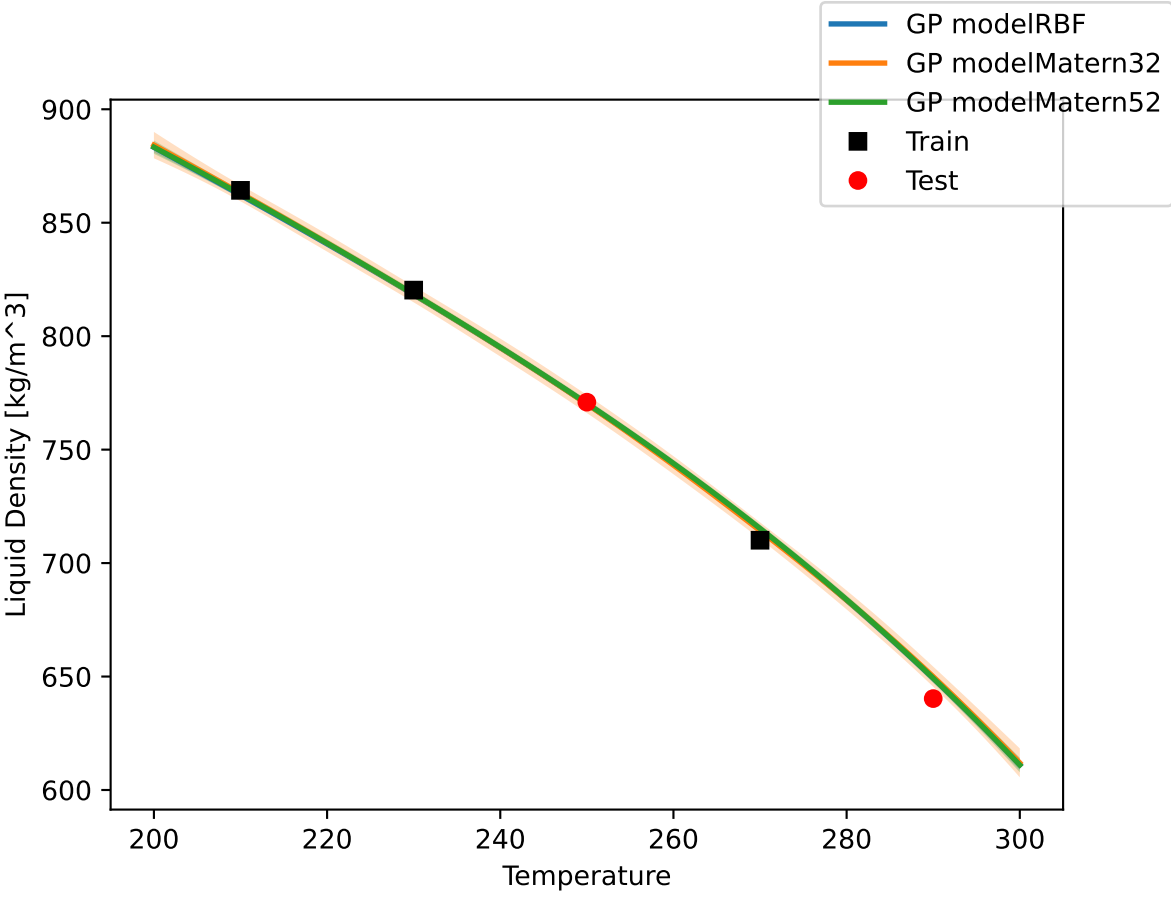

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

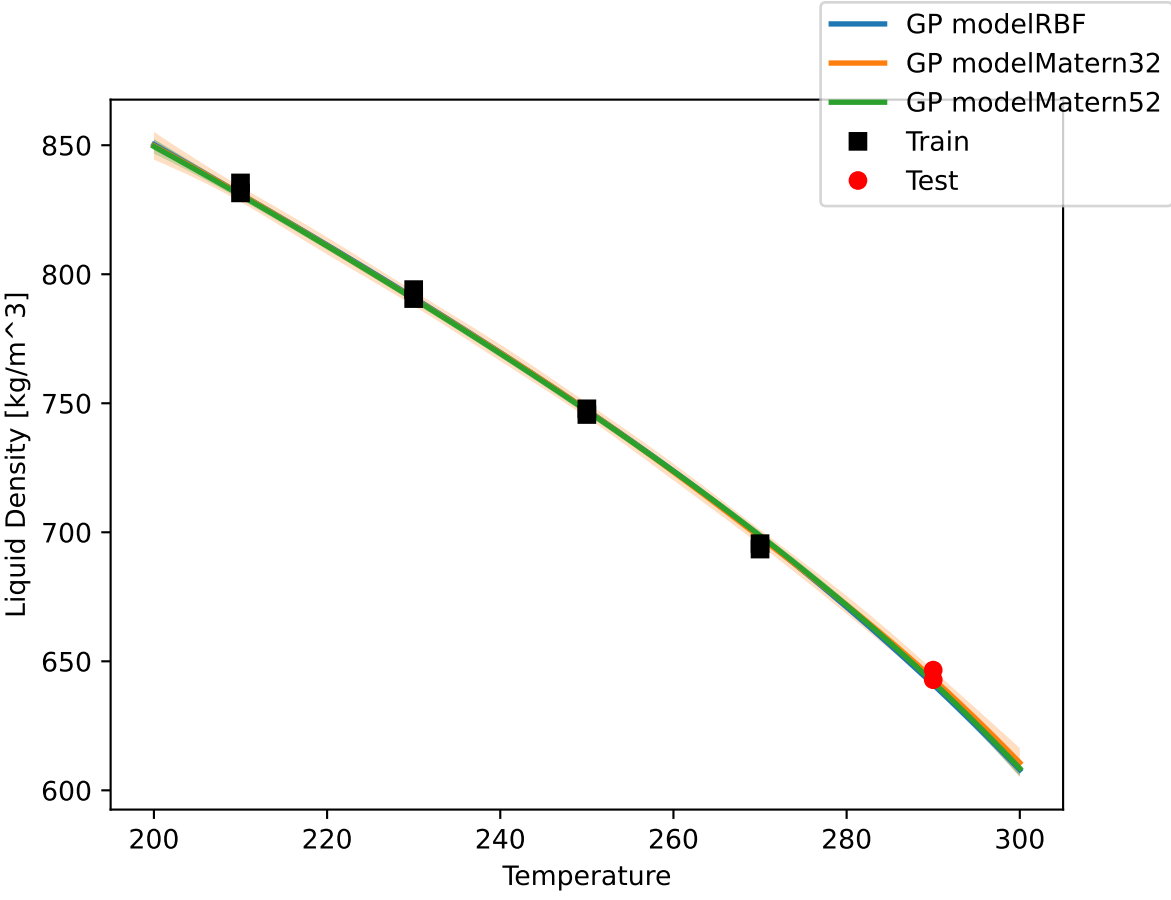

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

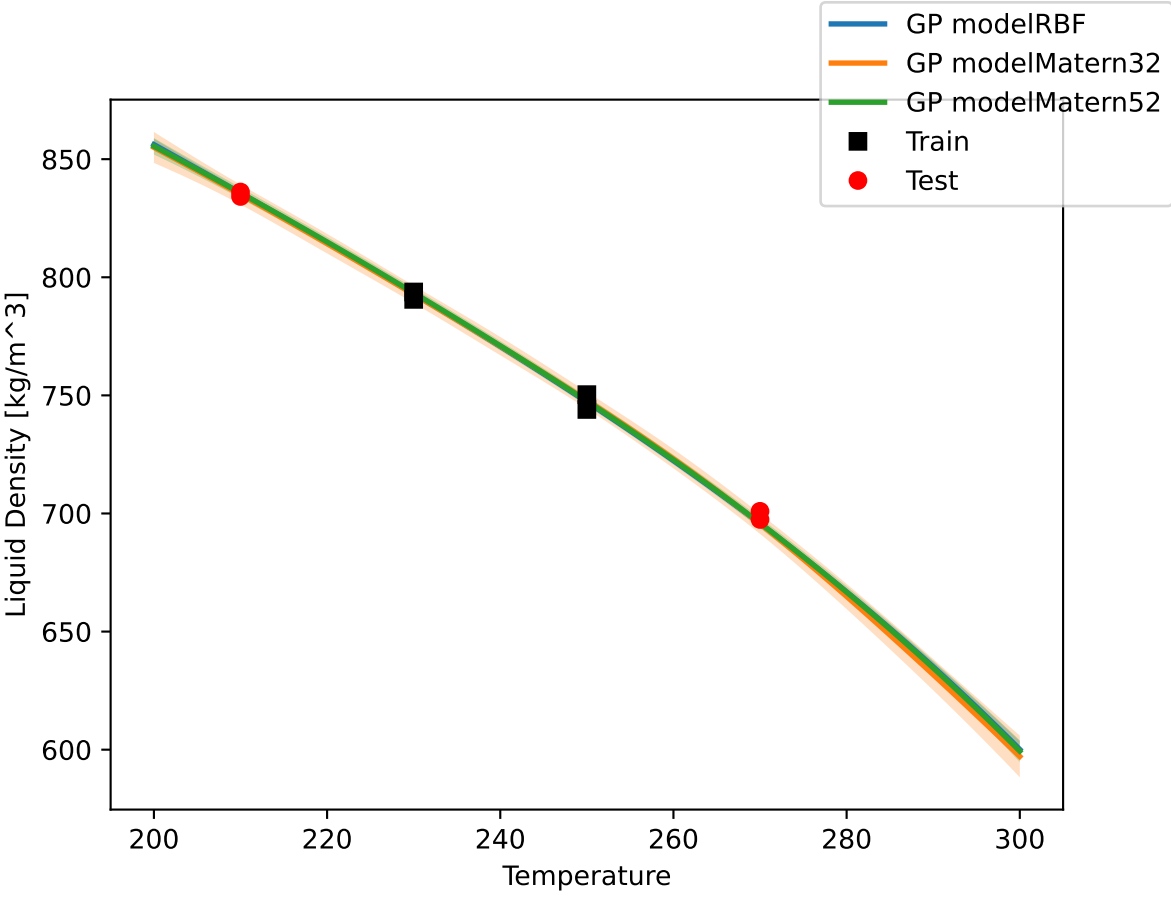

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

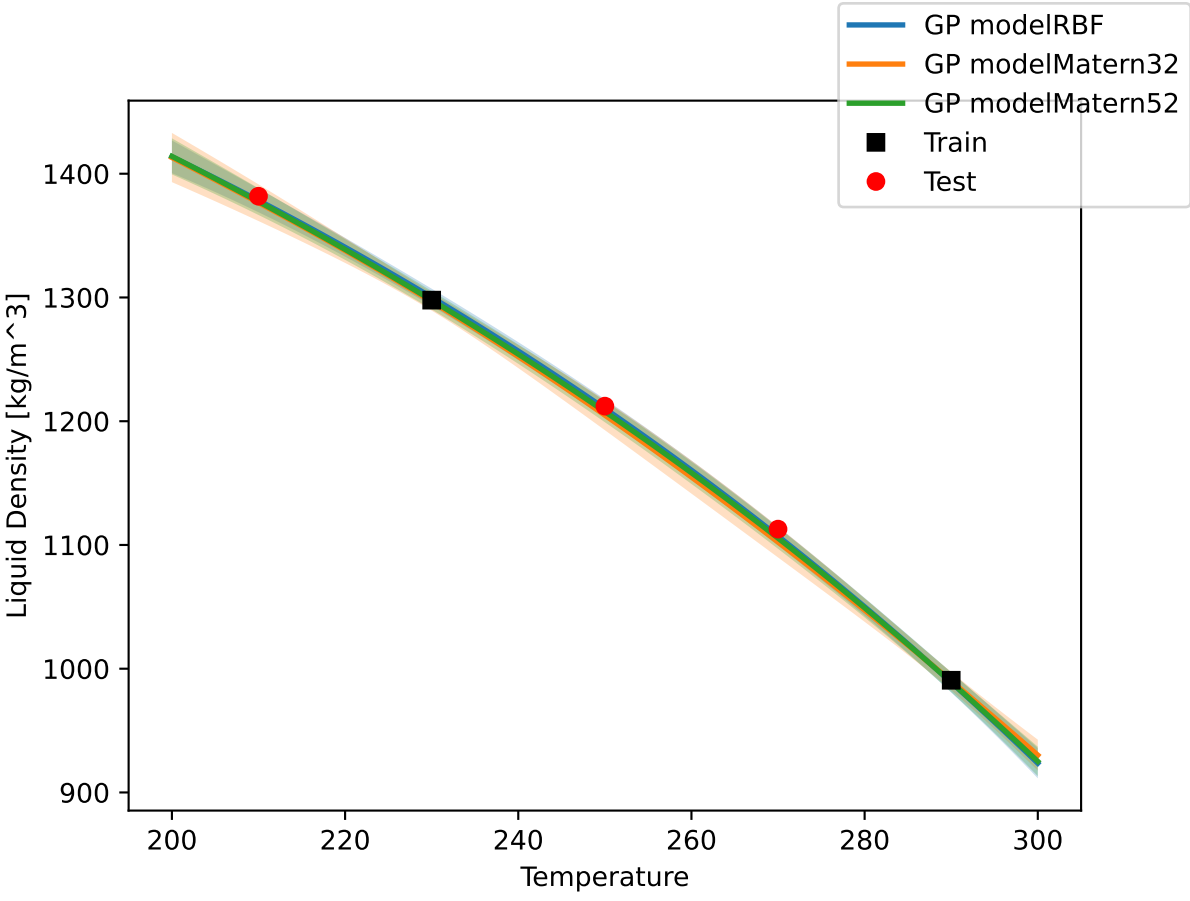

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
200
220
240
260
280
300
Temperature

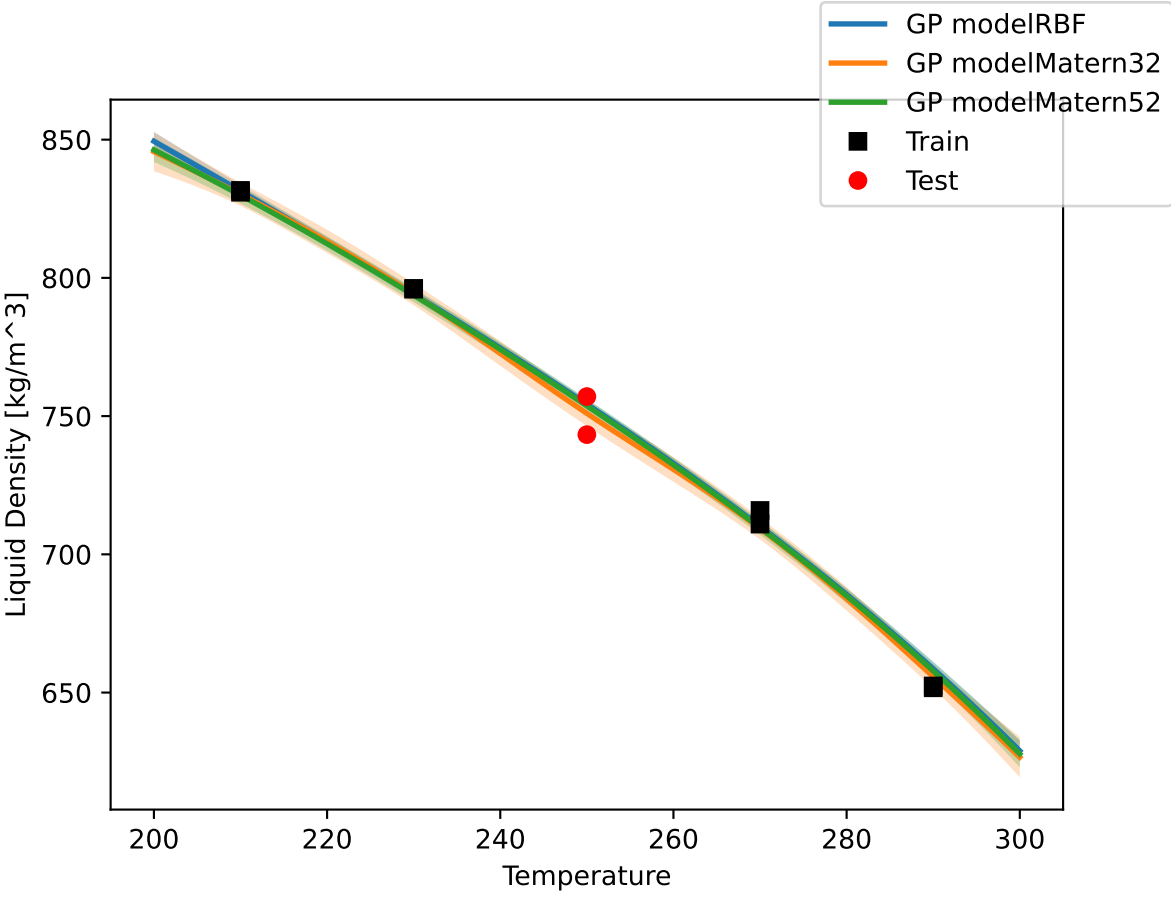

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

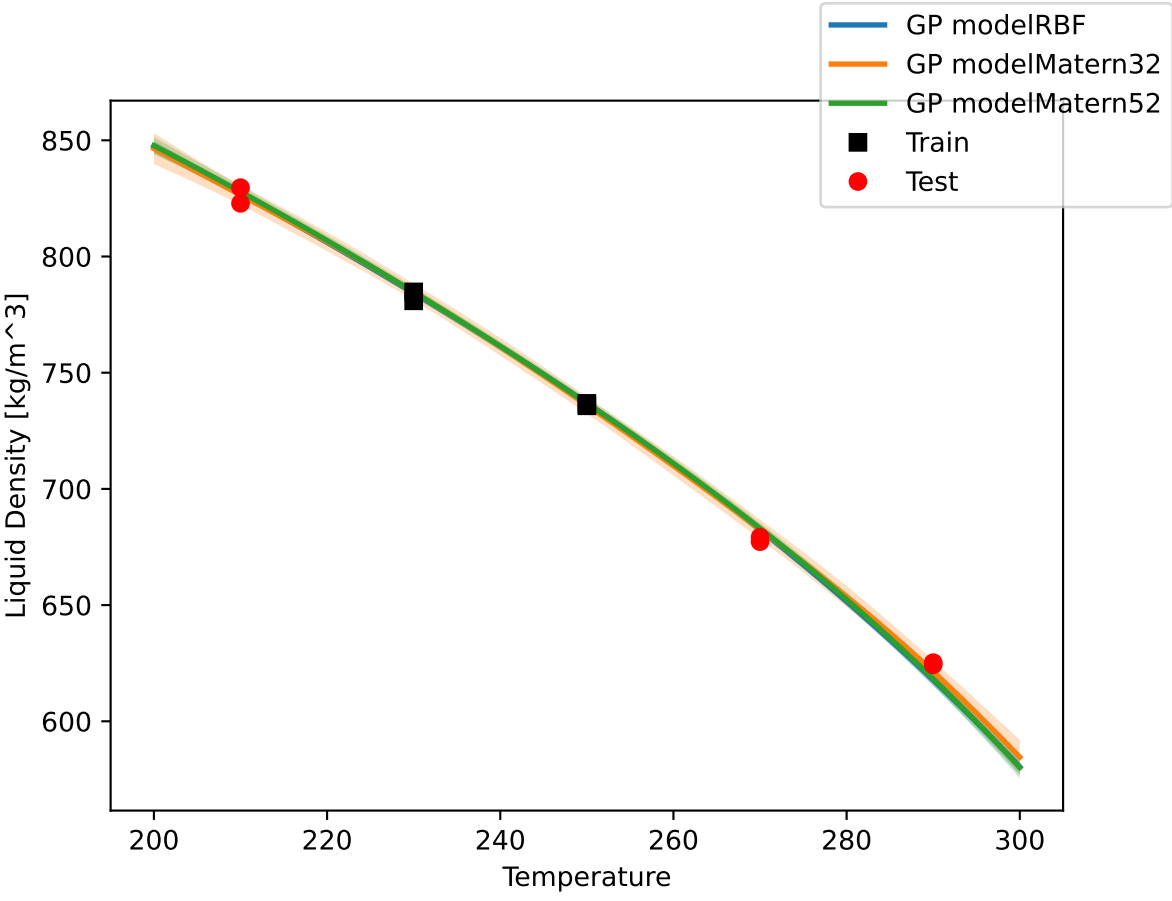

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

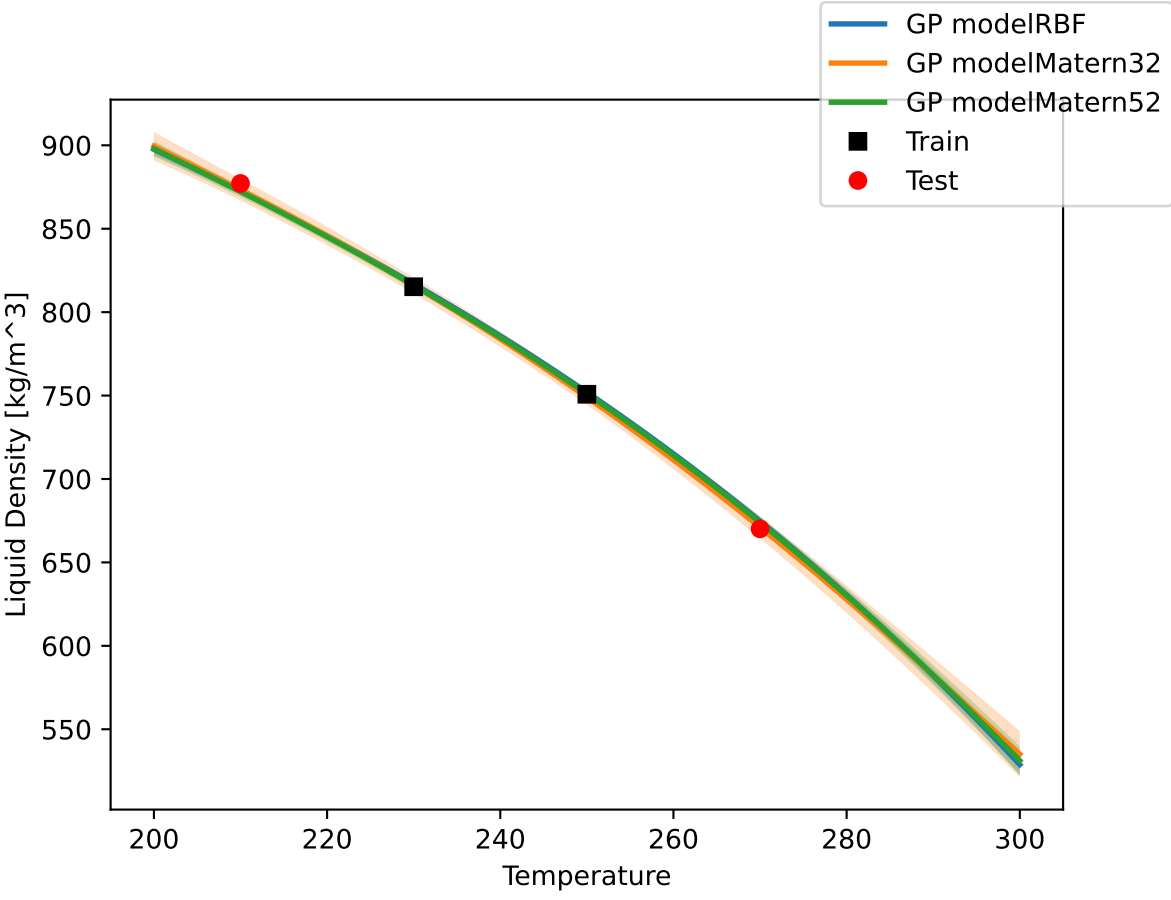

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

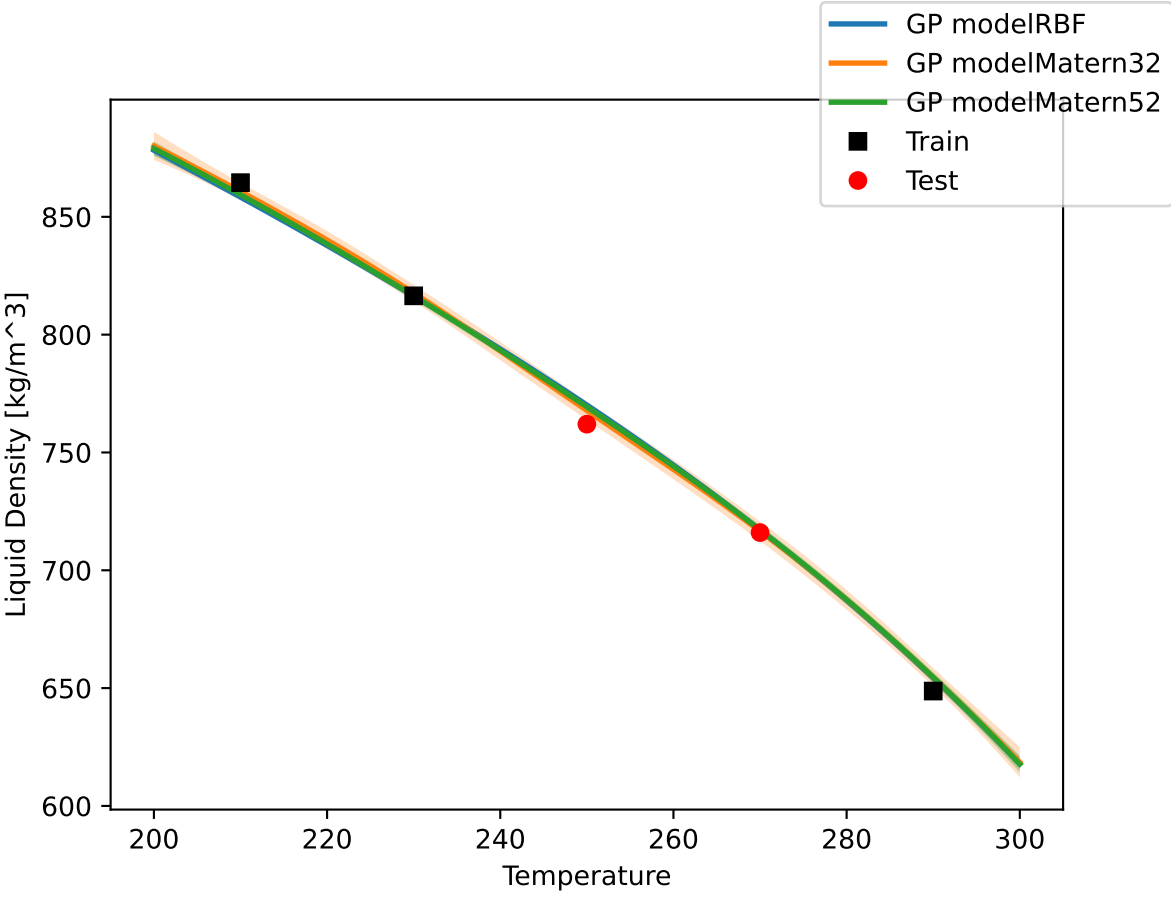

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

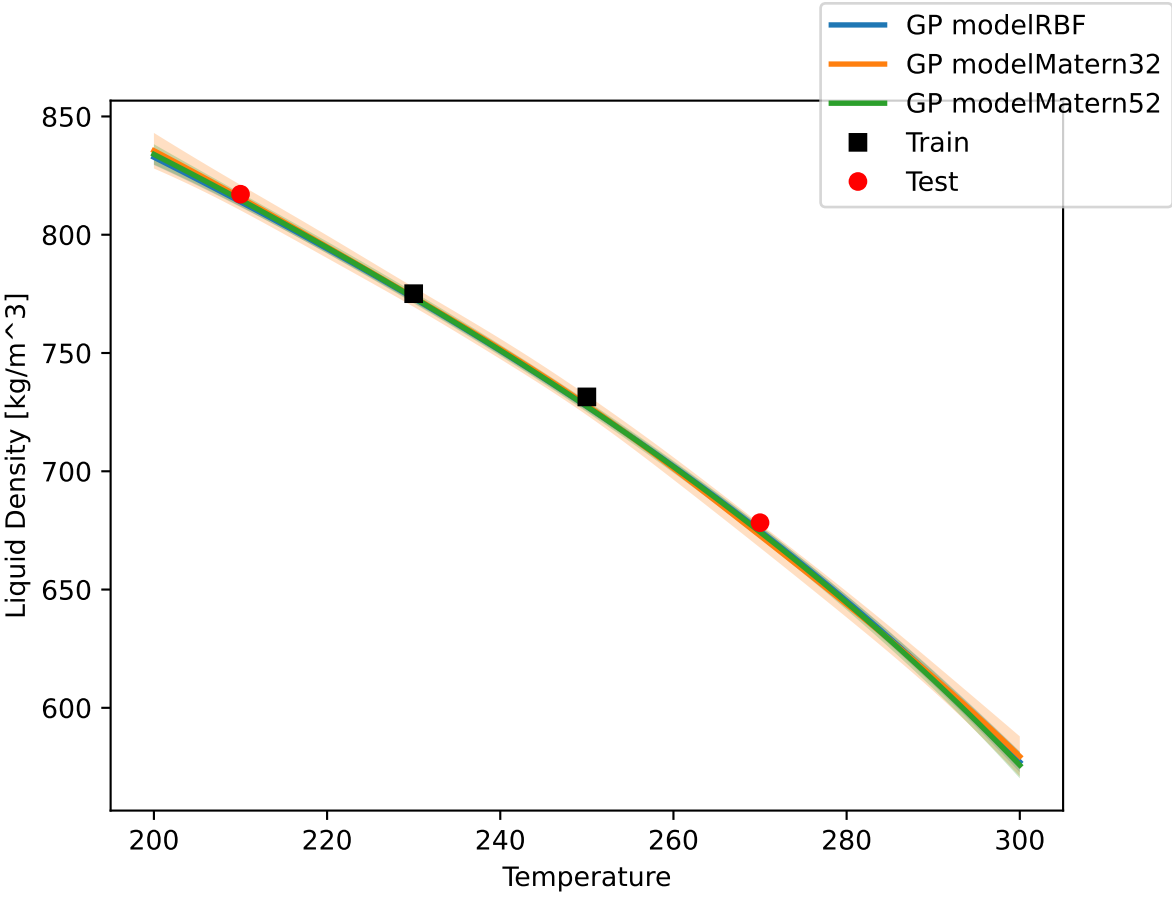

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
1400
1300
1200
1100
1000
900
200
220
240
260
280
300
Temperature

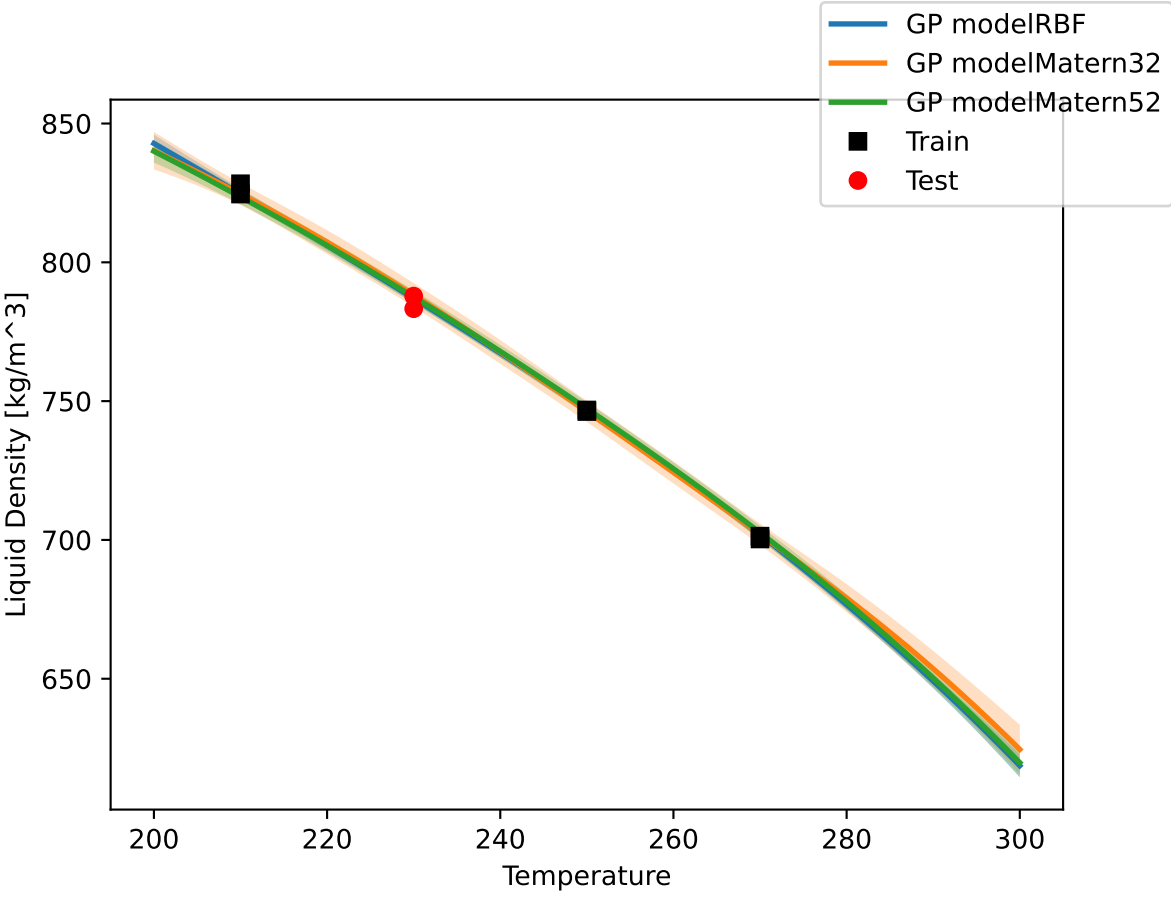

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

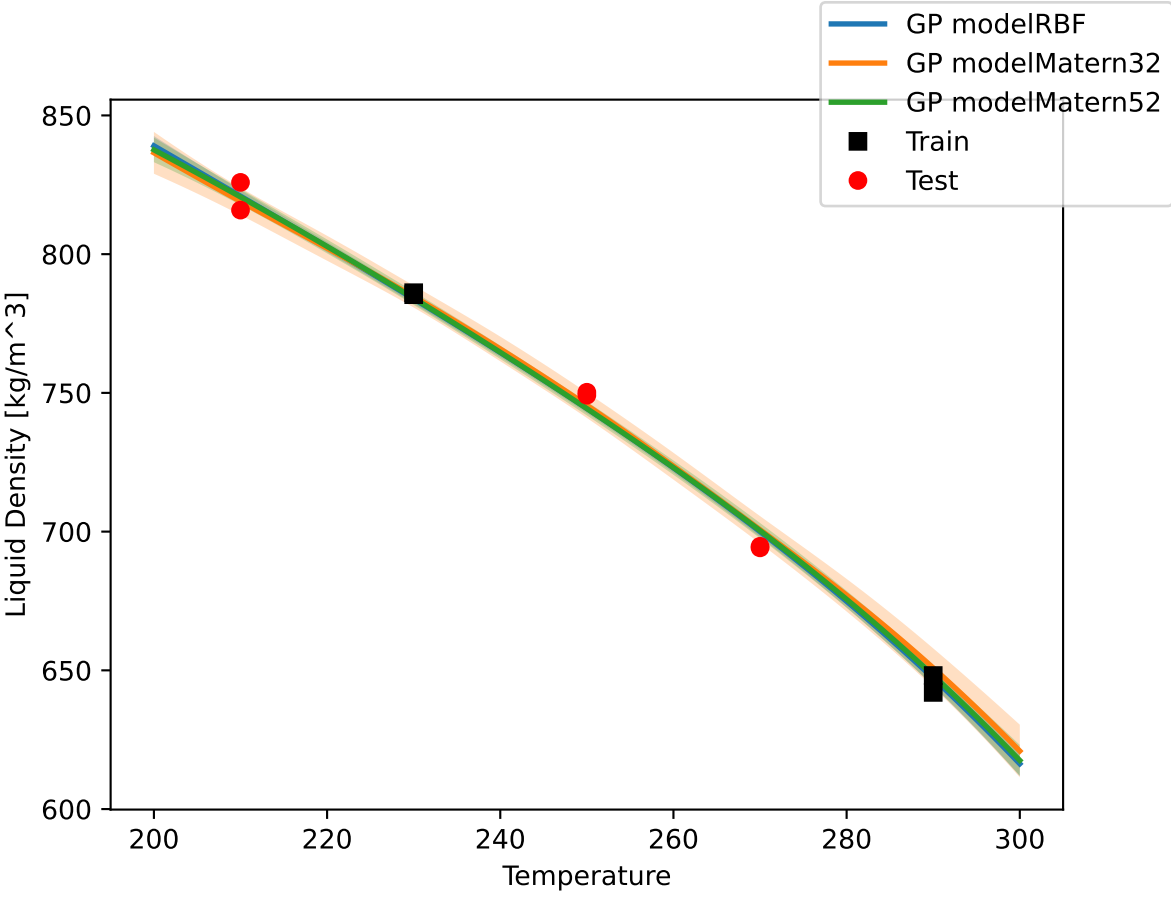

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

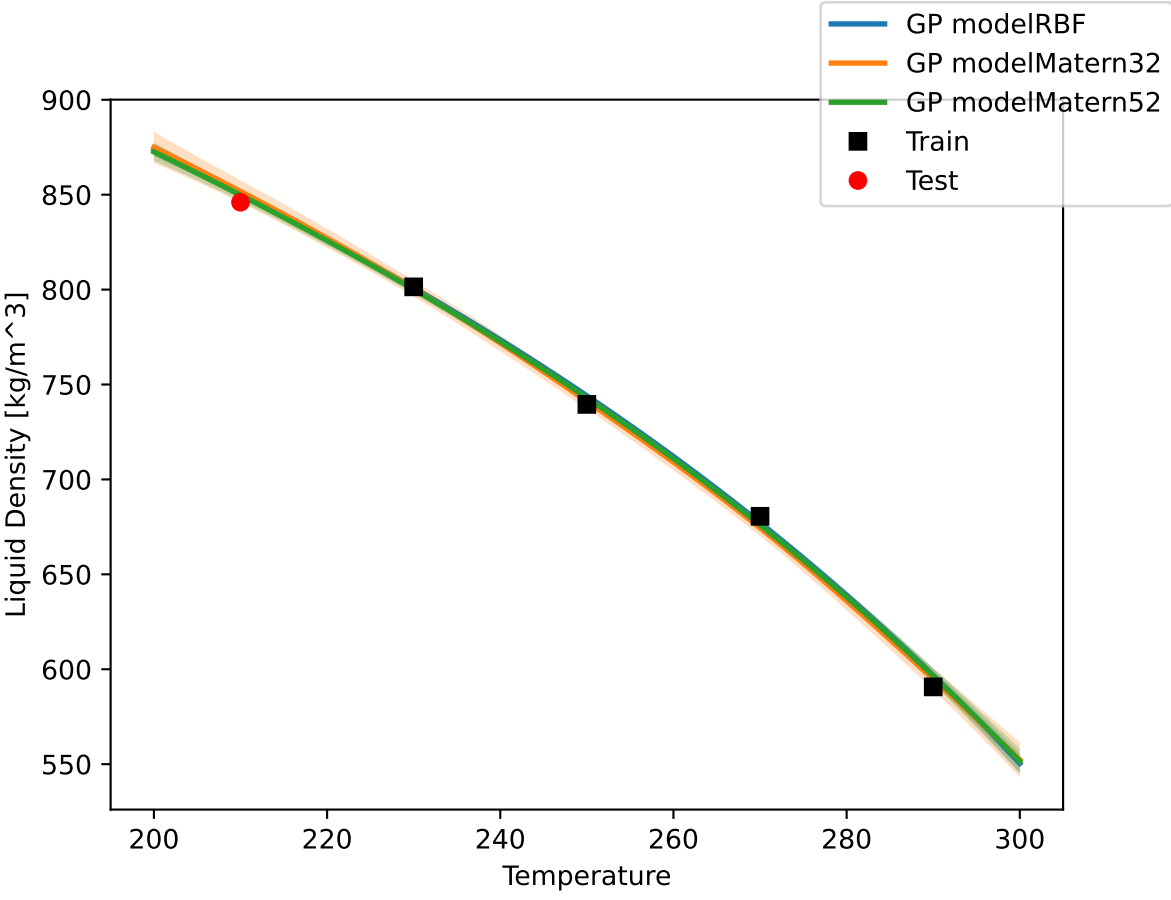

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

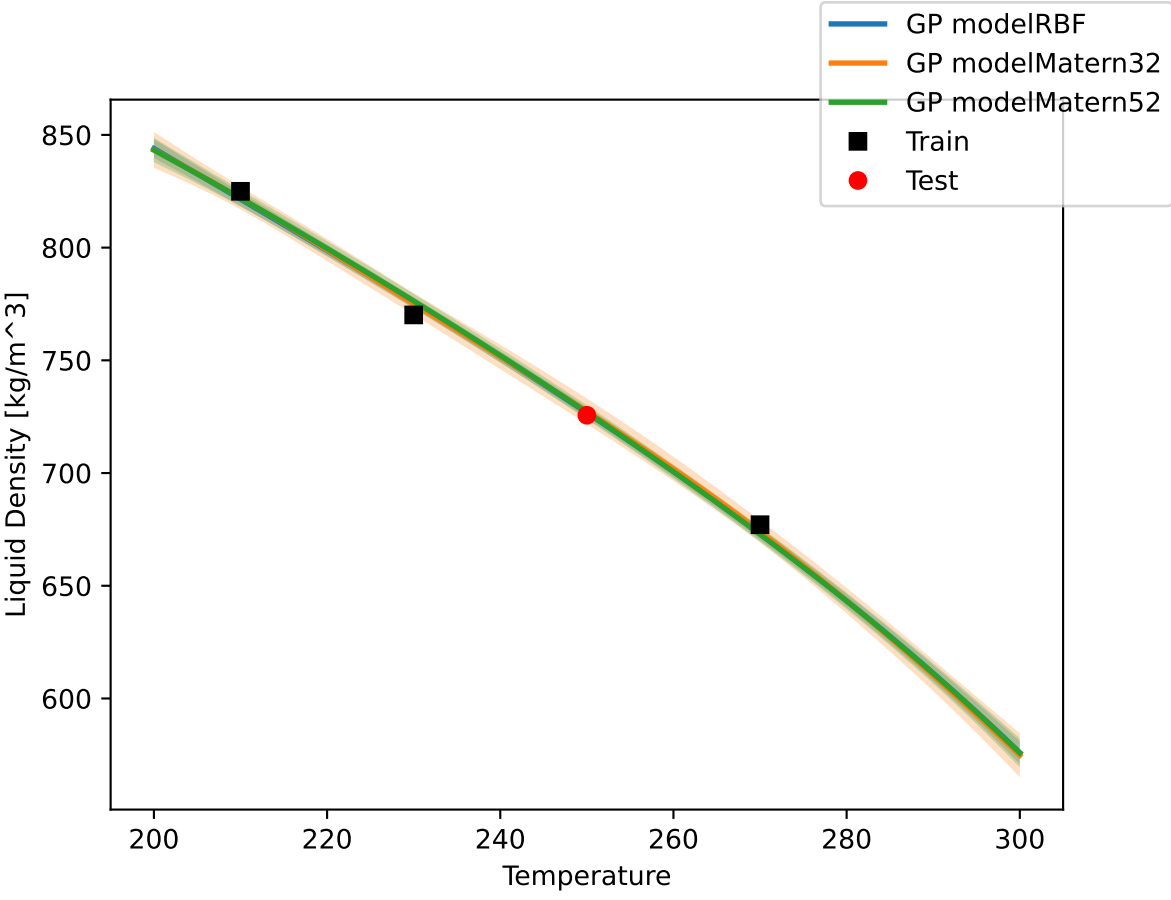

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

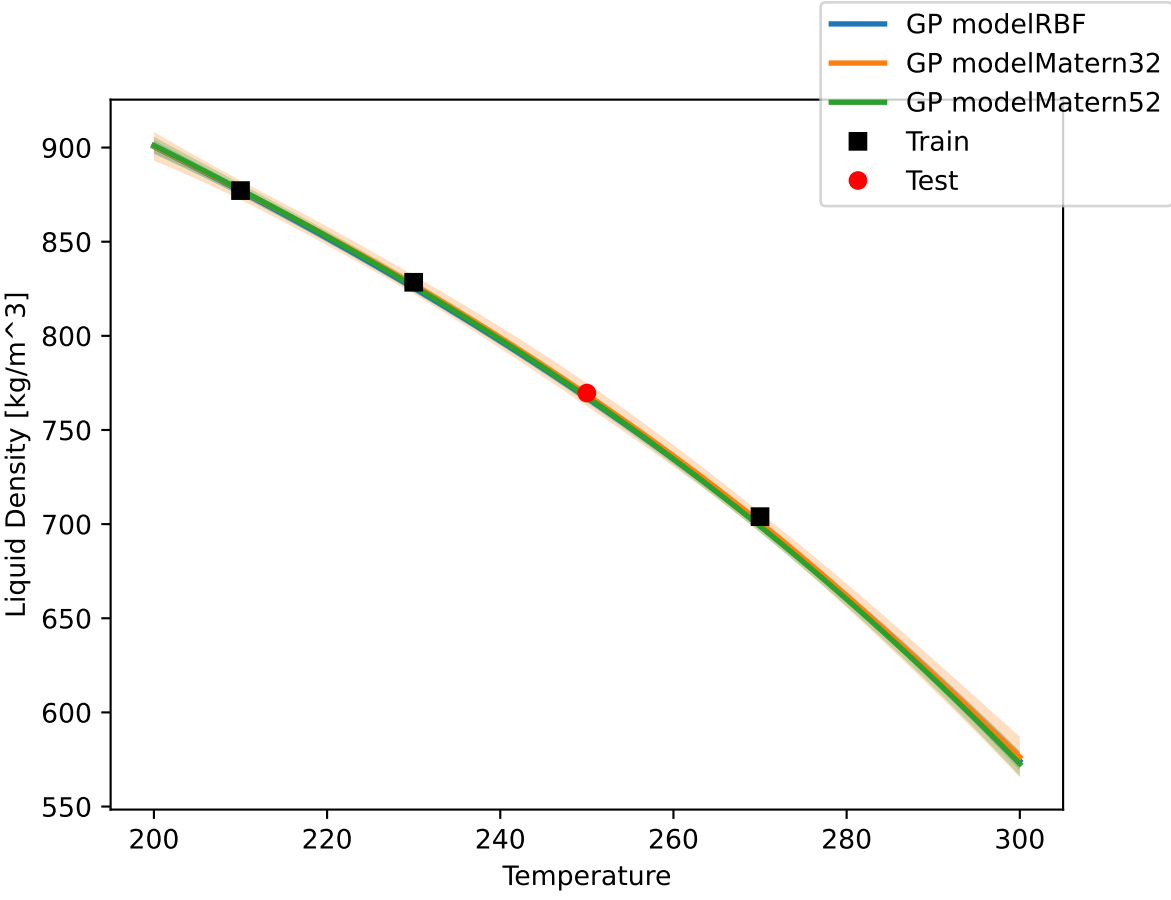

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

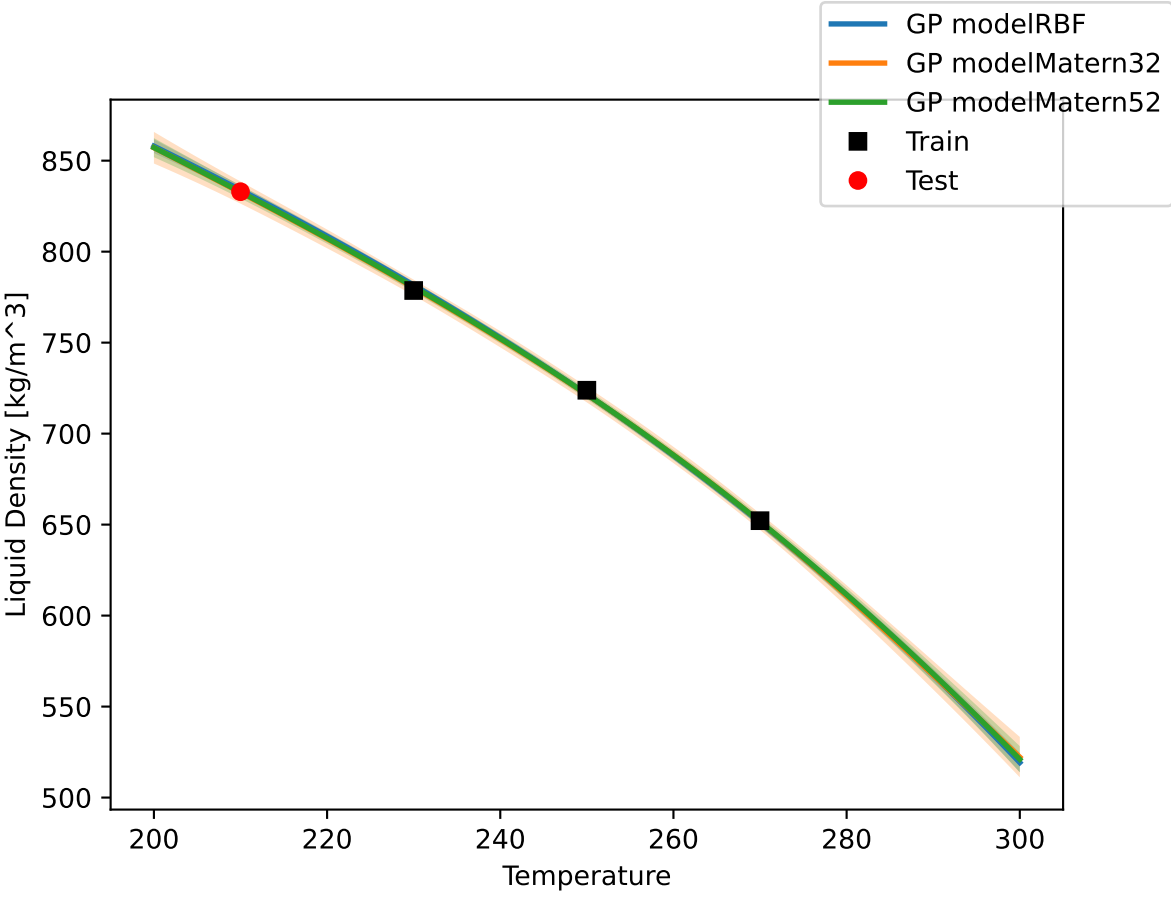

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

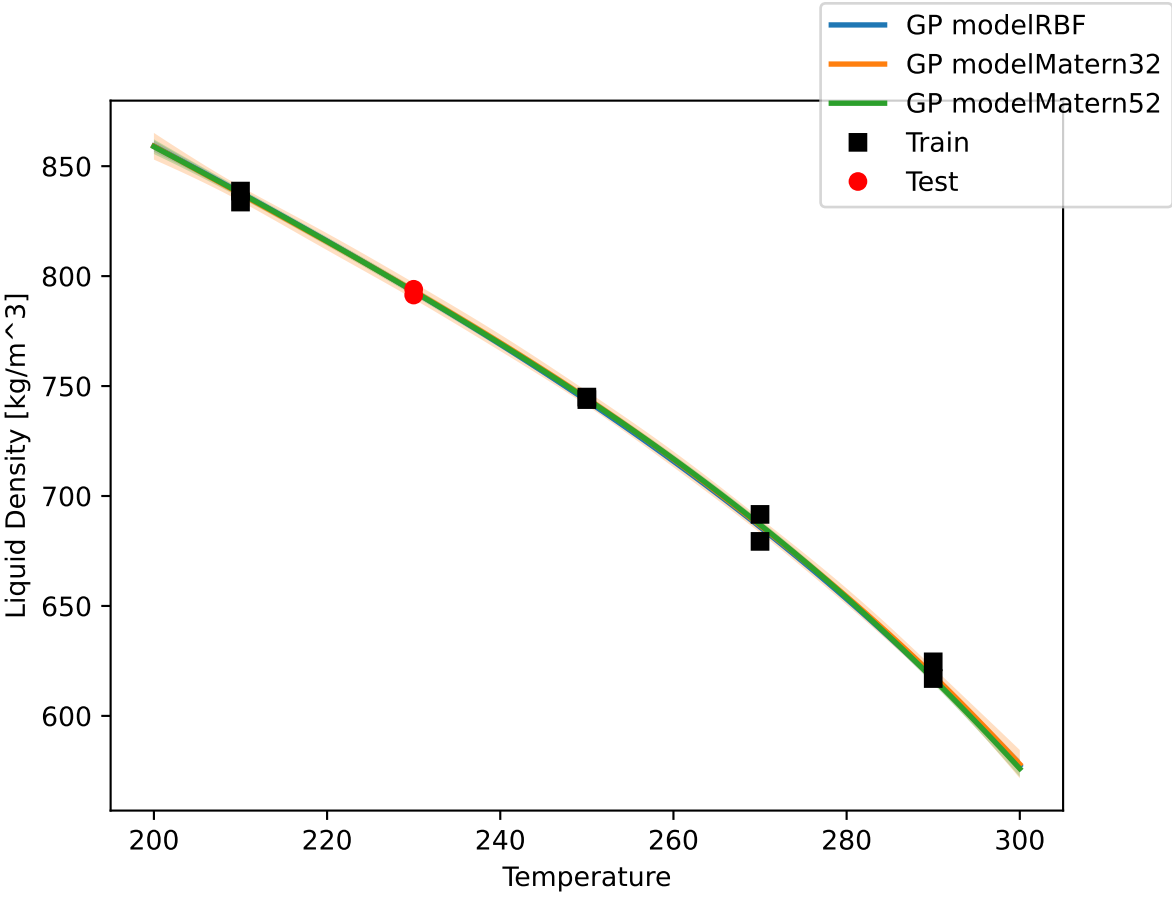

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

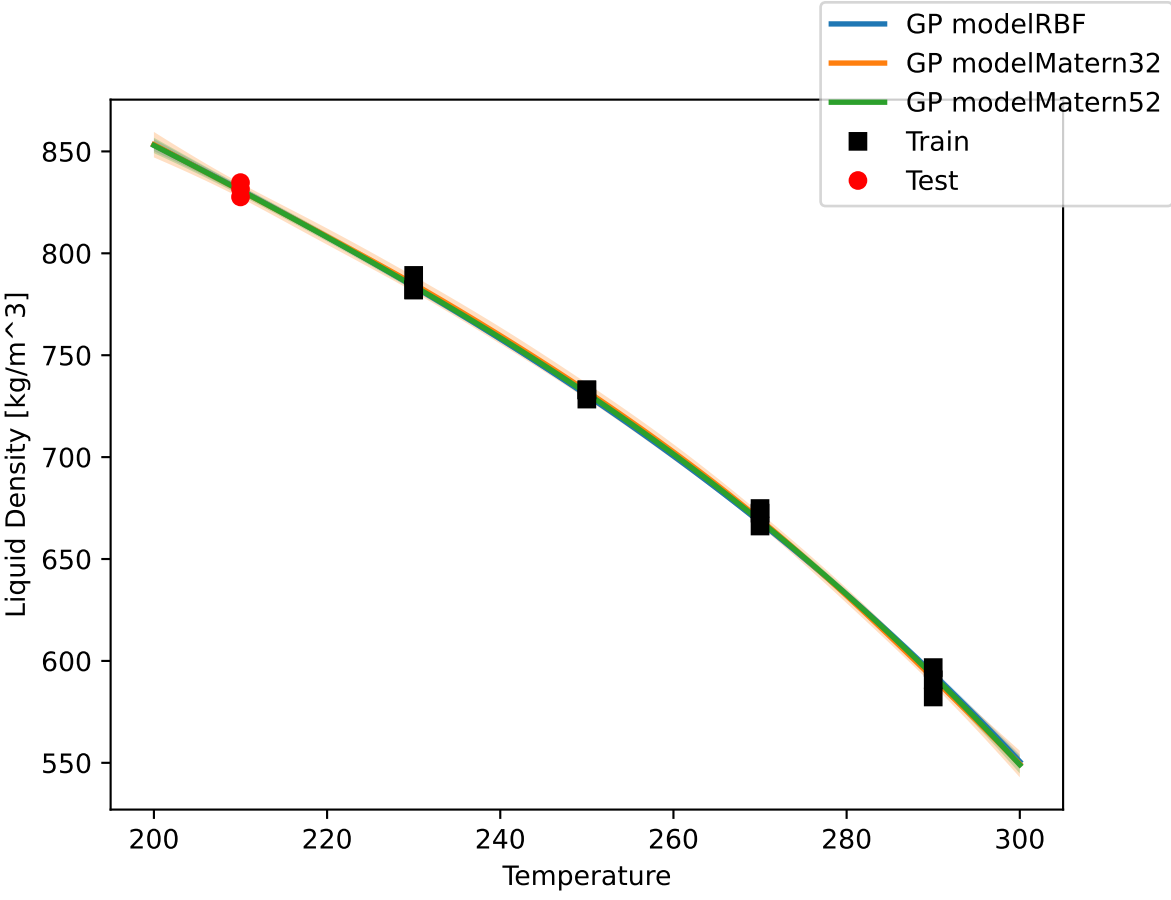

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

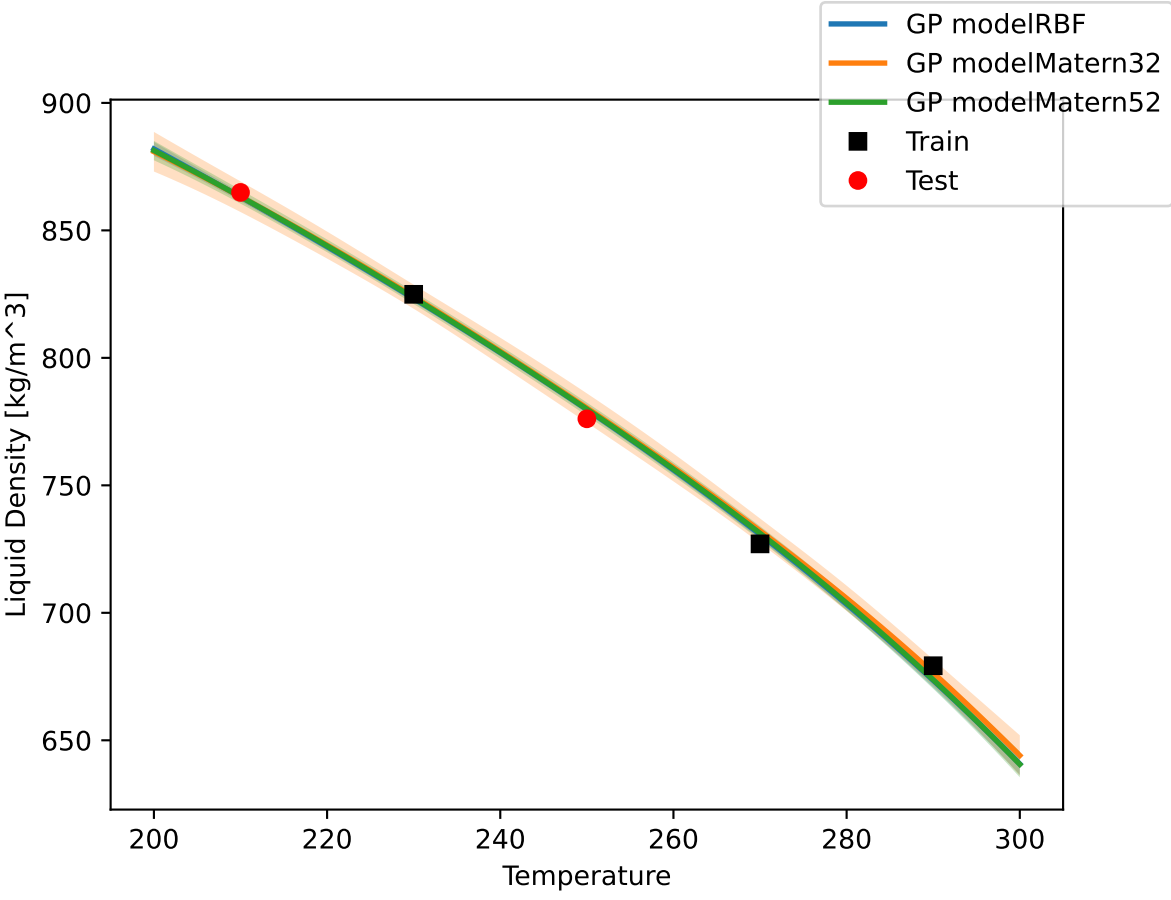

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

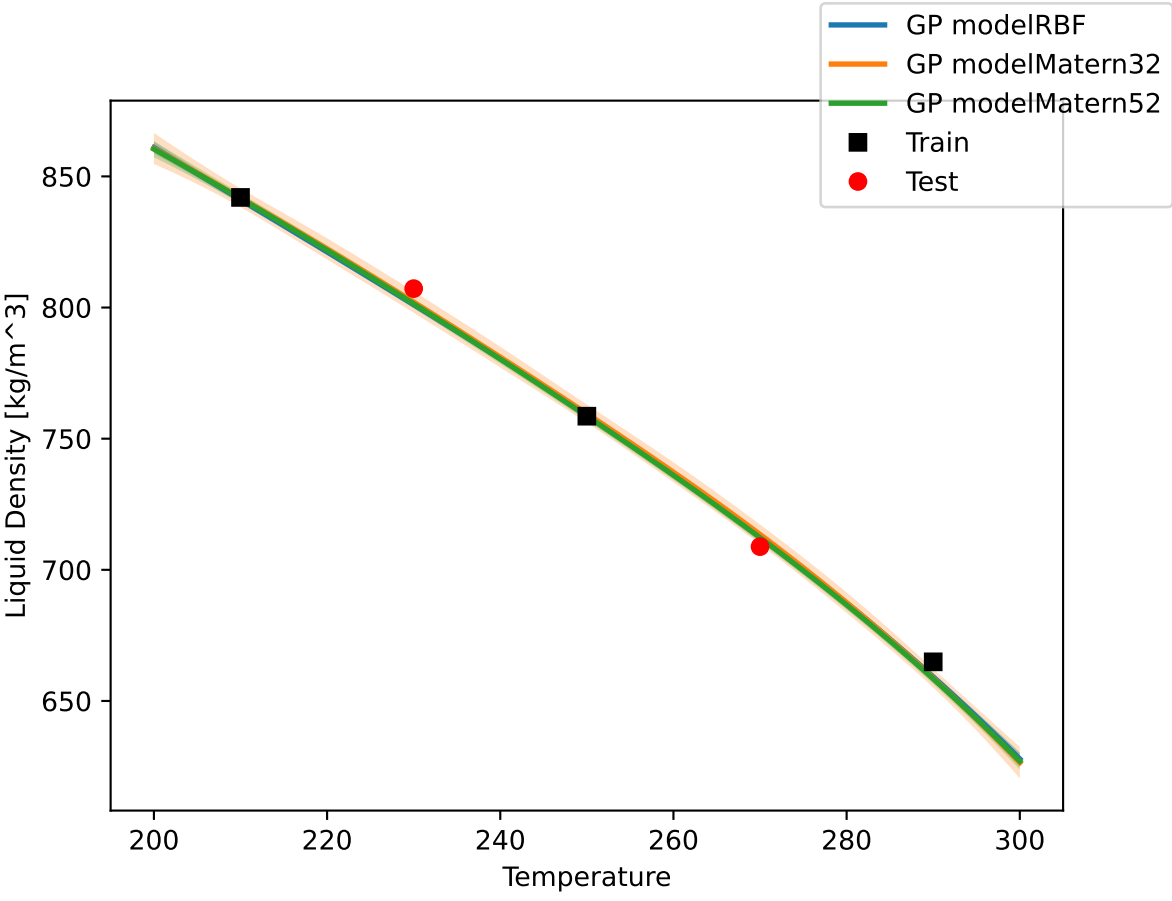

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

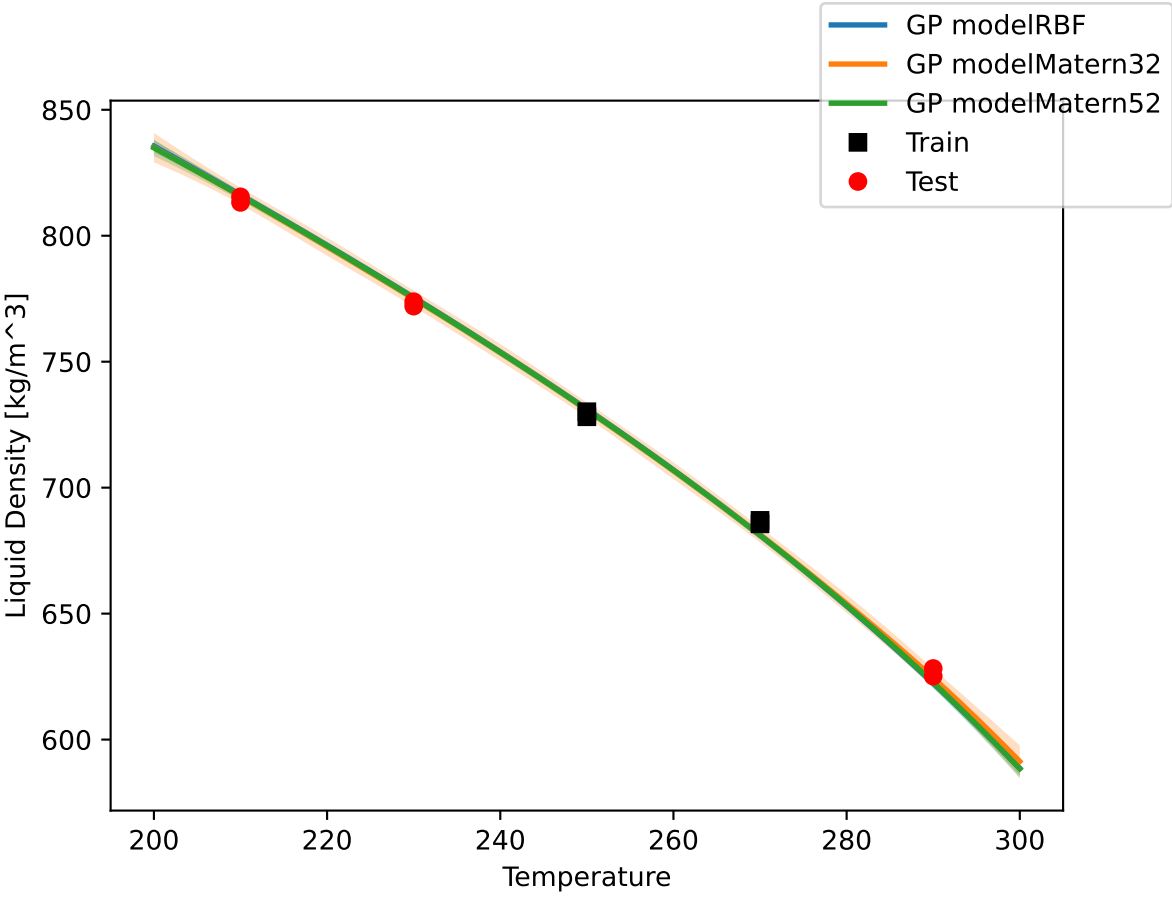

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
500
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

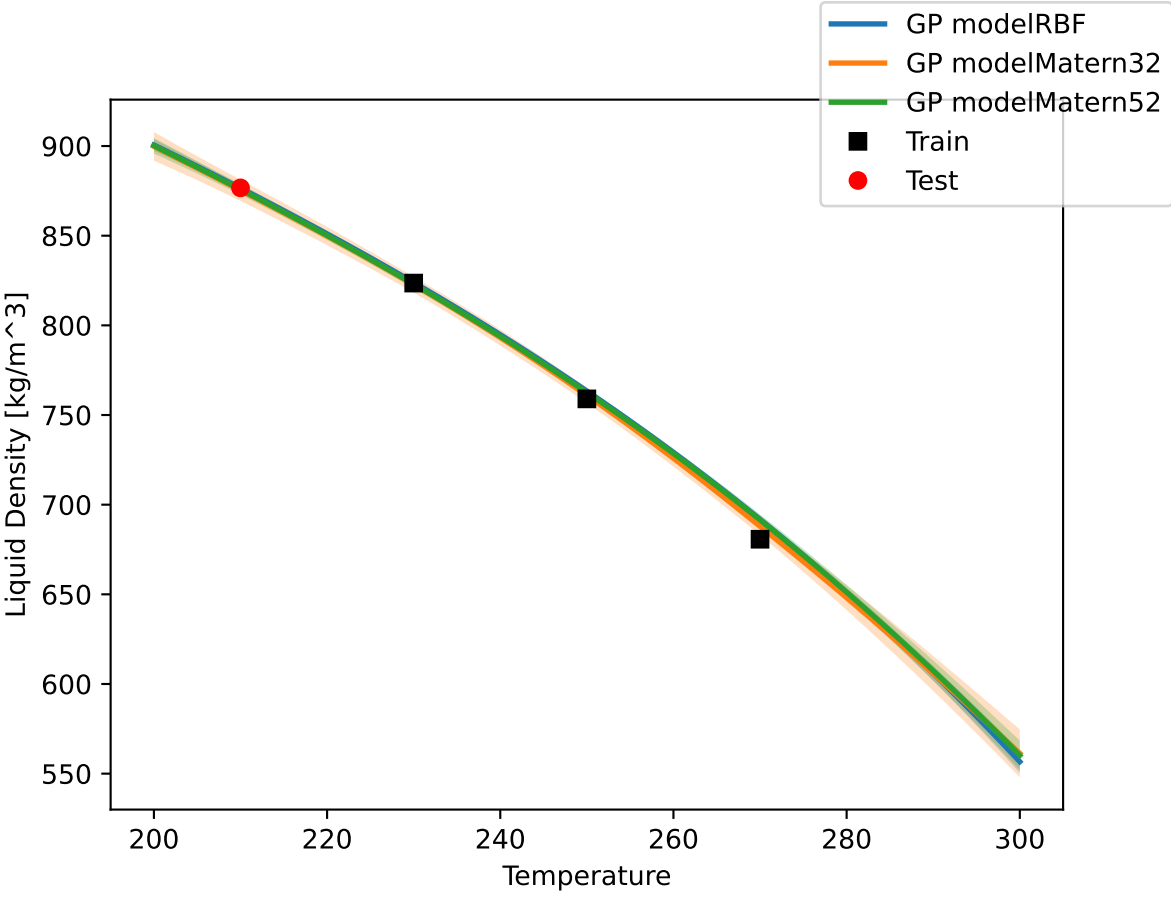

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

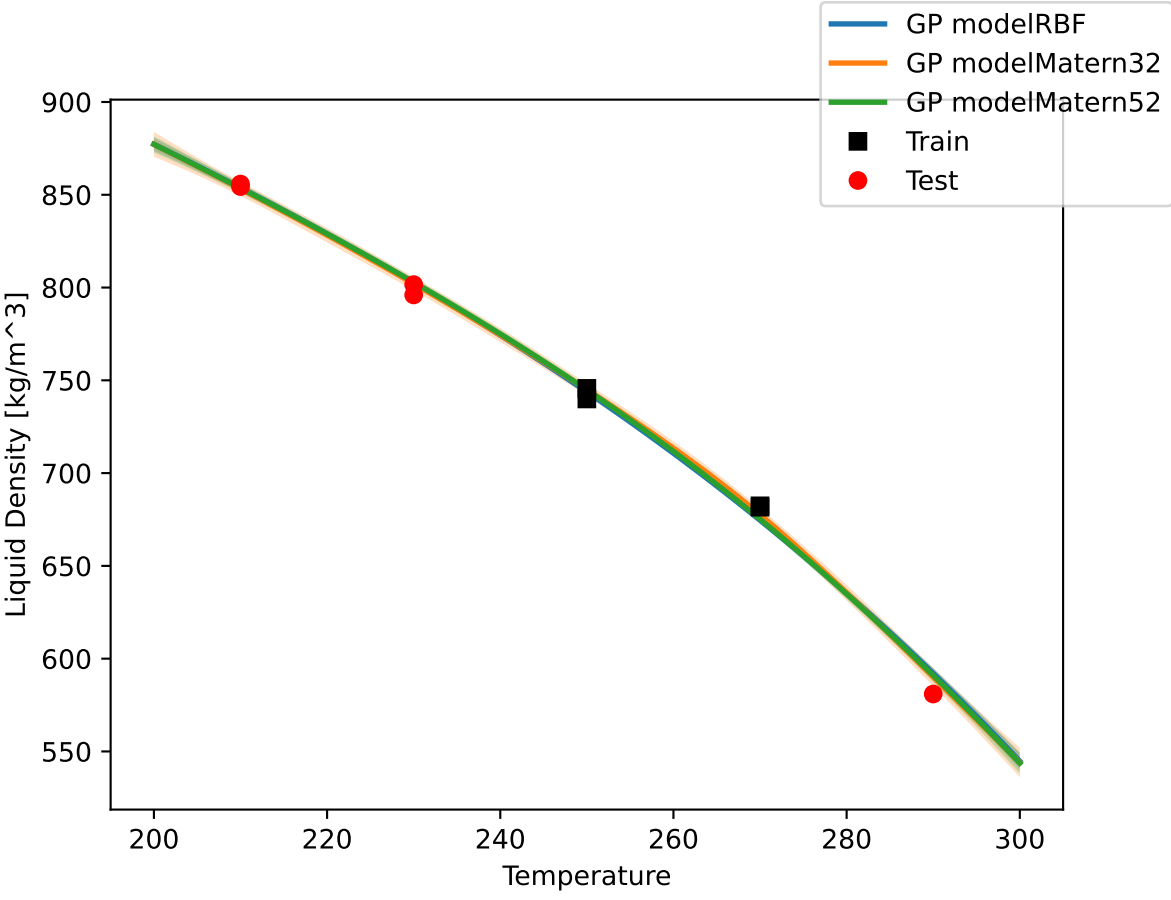

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

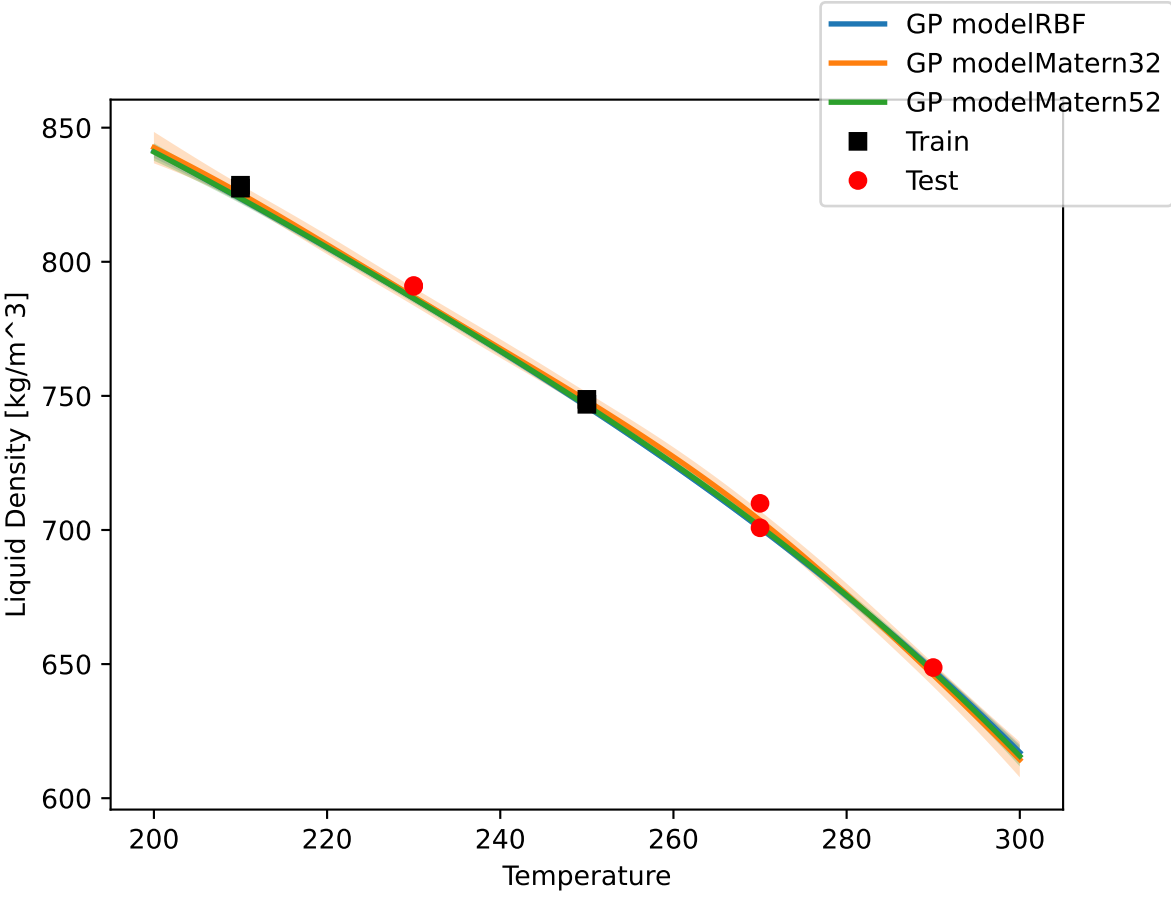

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

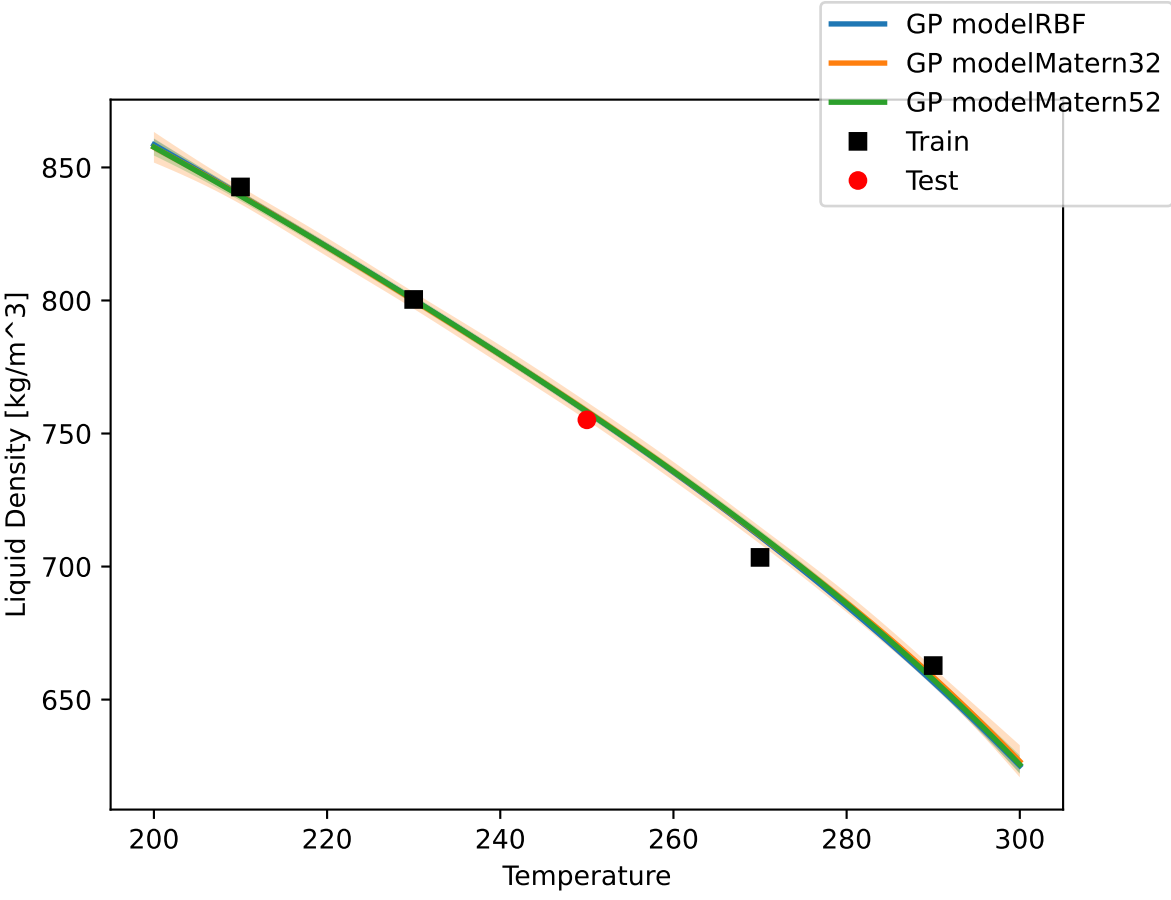

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

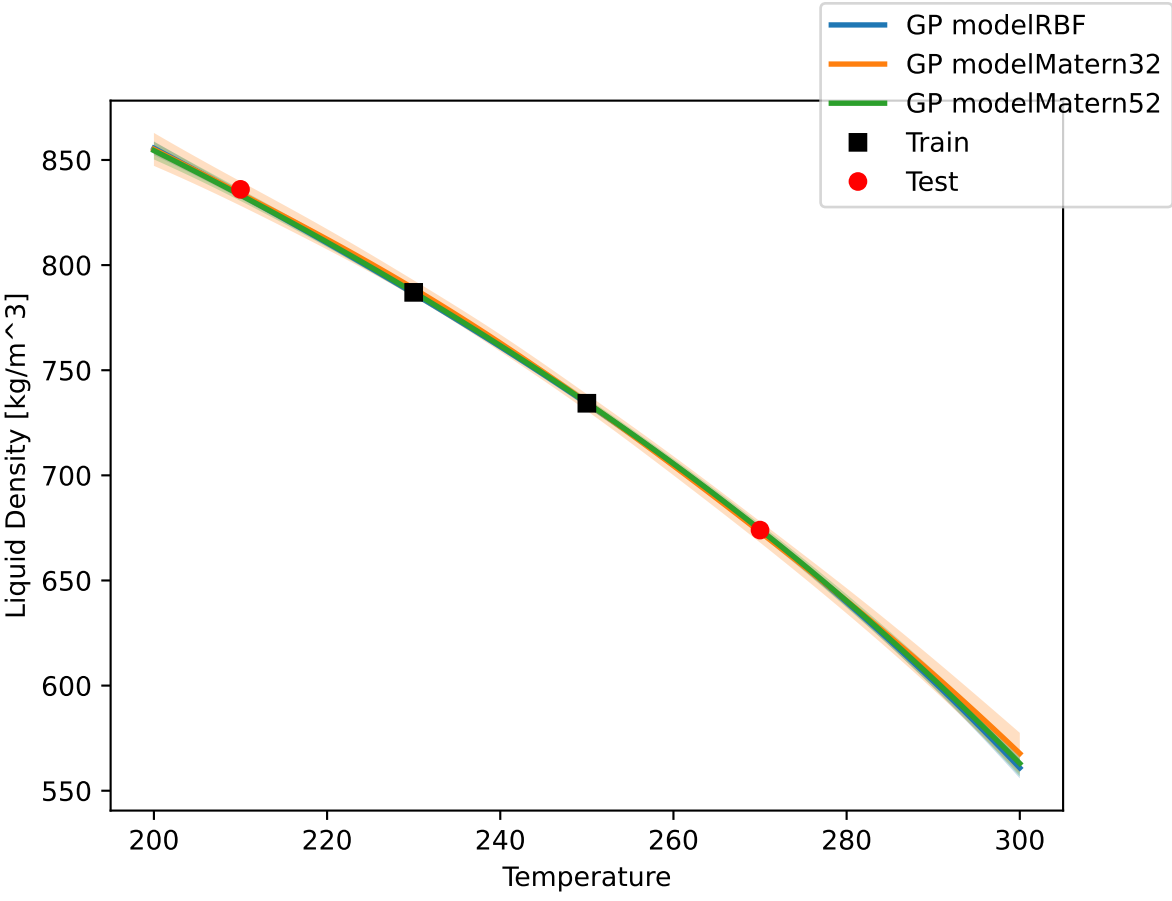

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

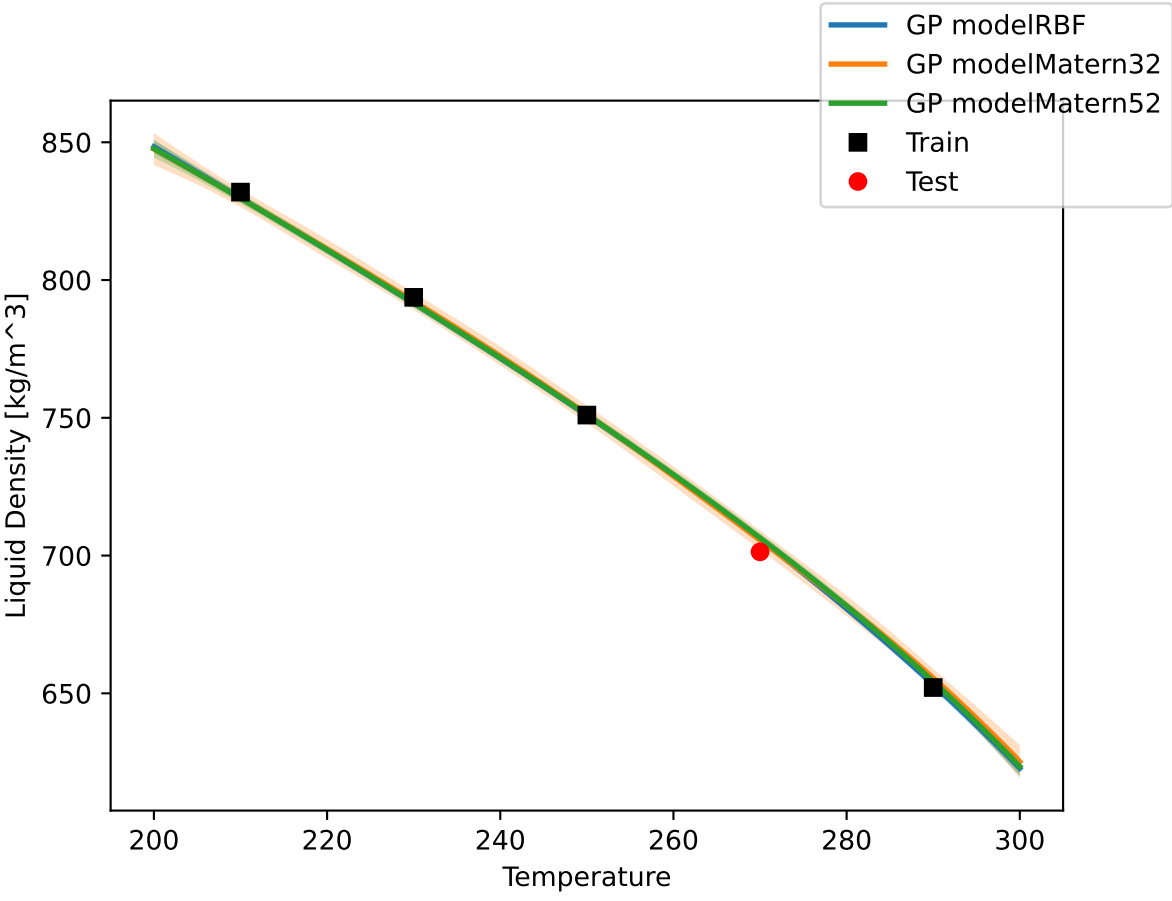

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

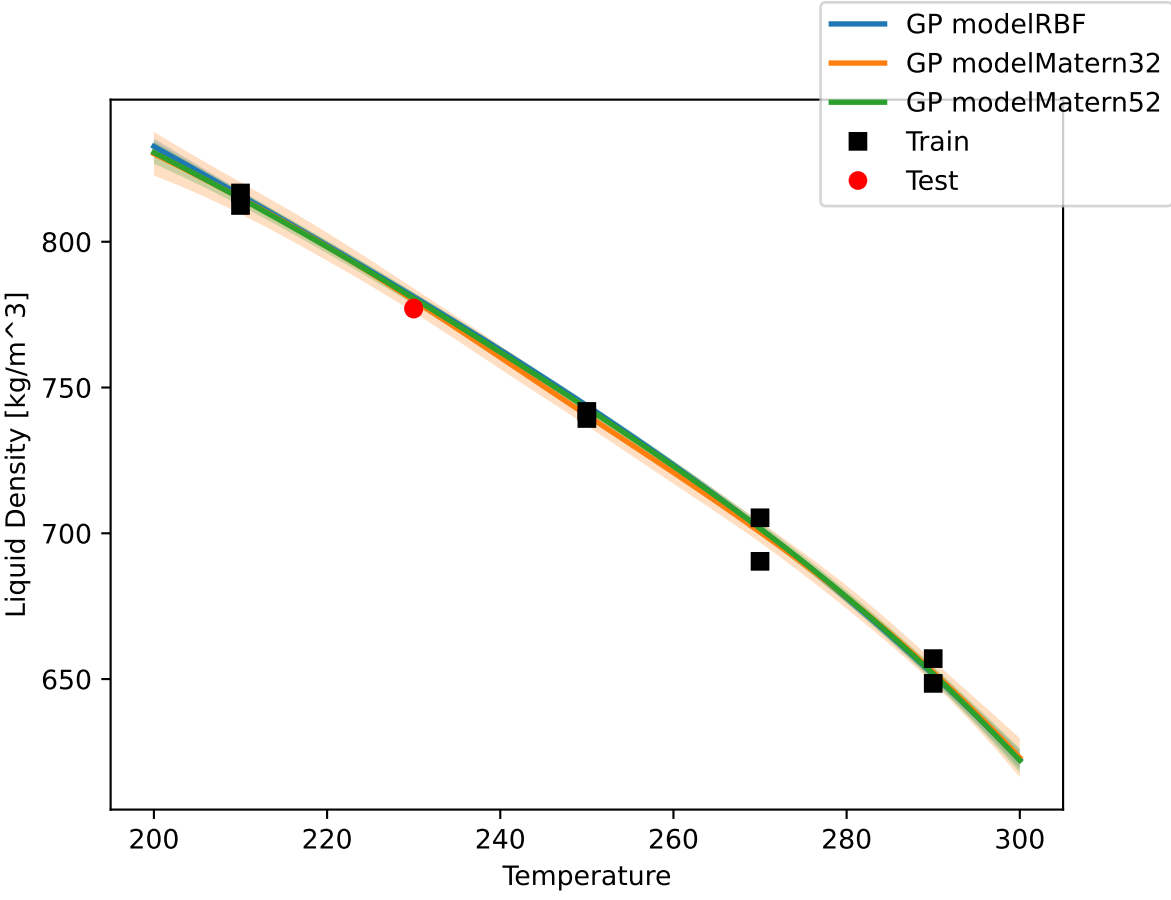

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

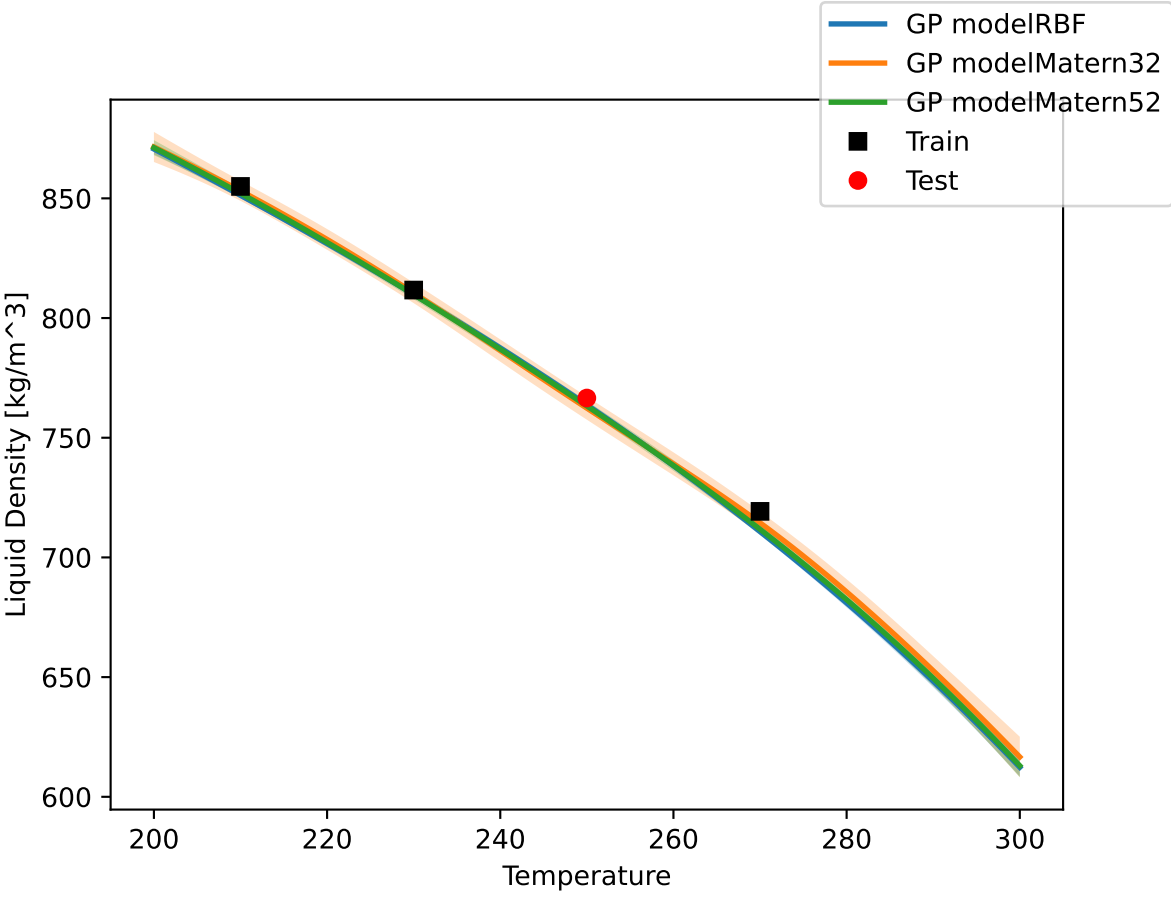

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

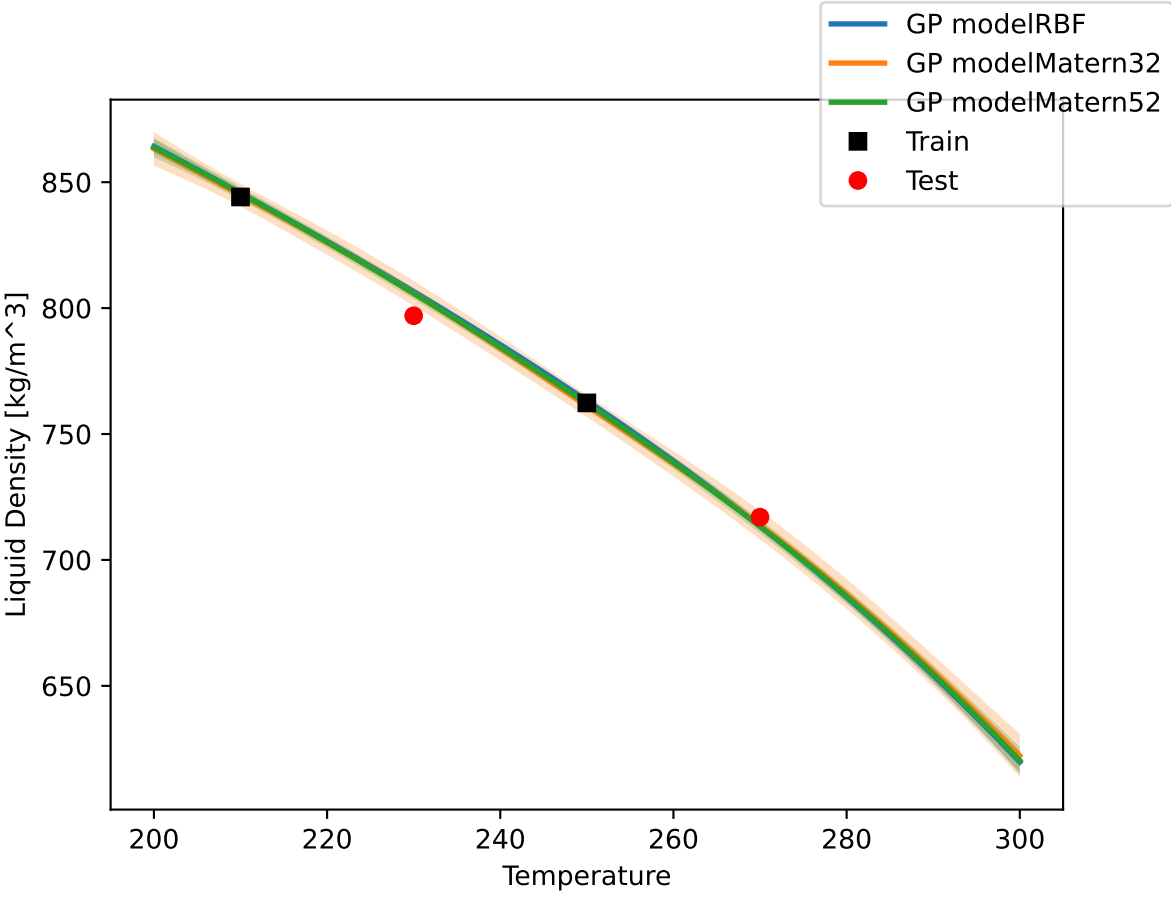

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

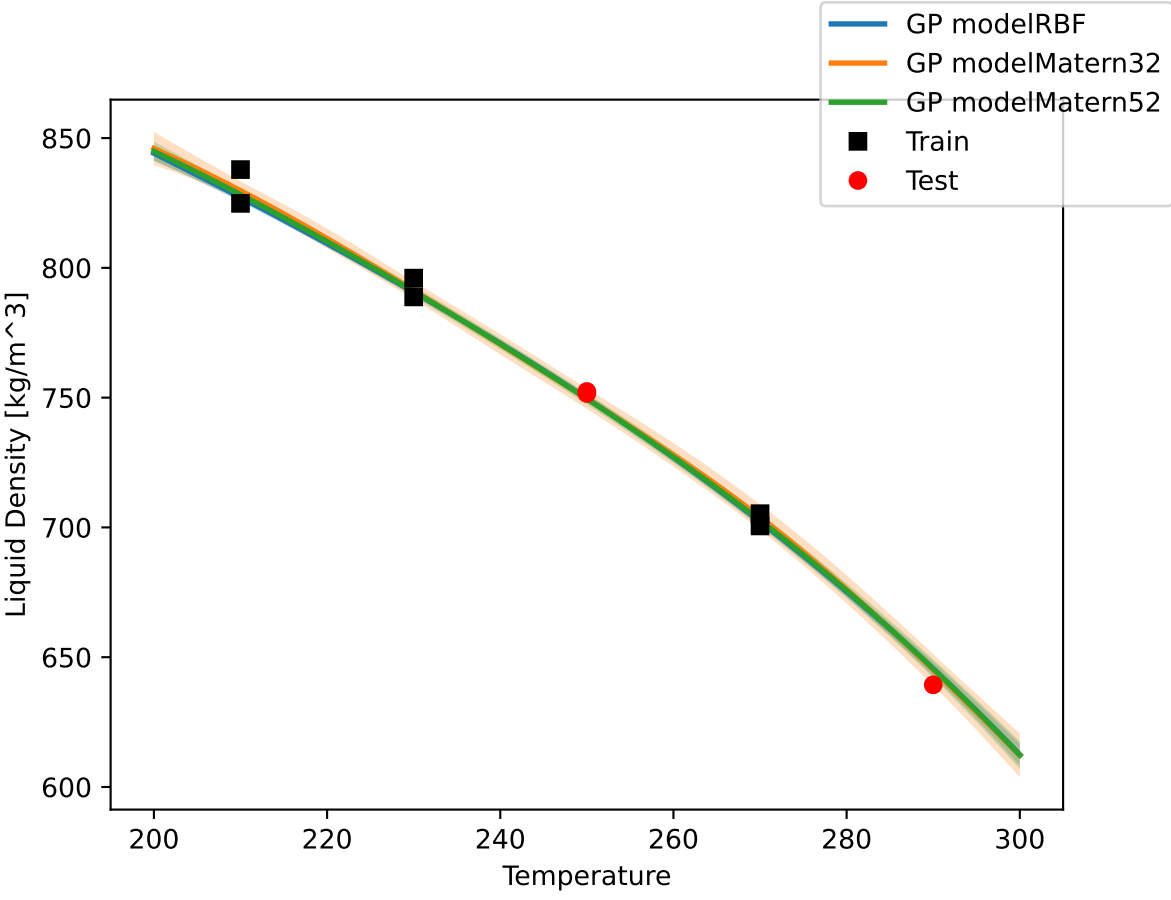

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

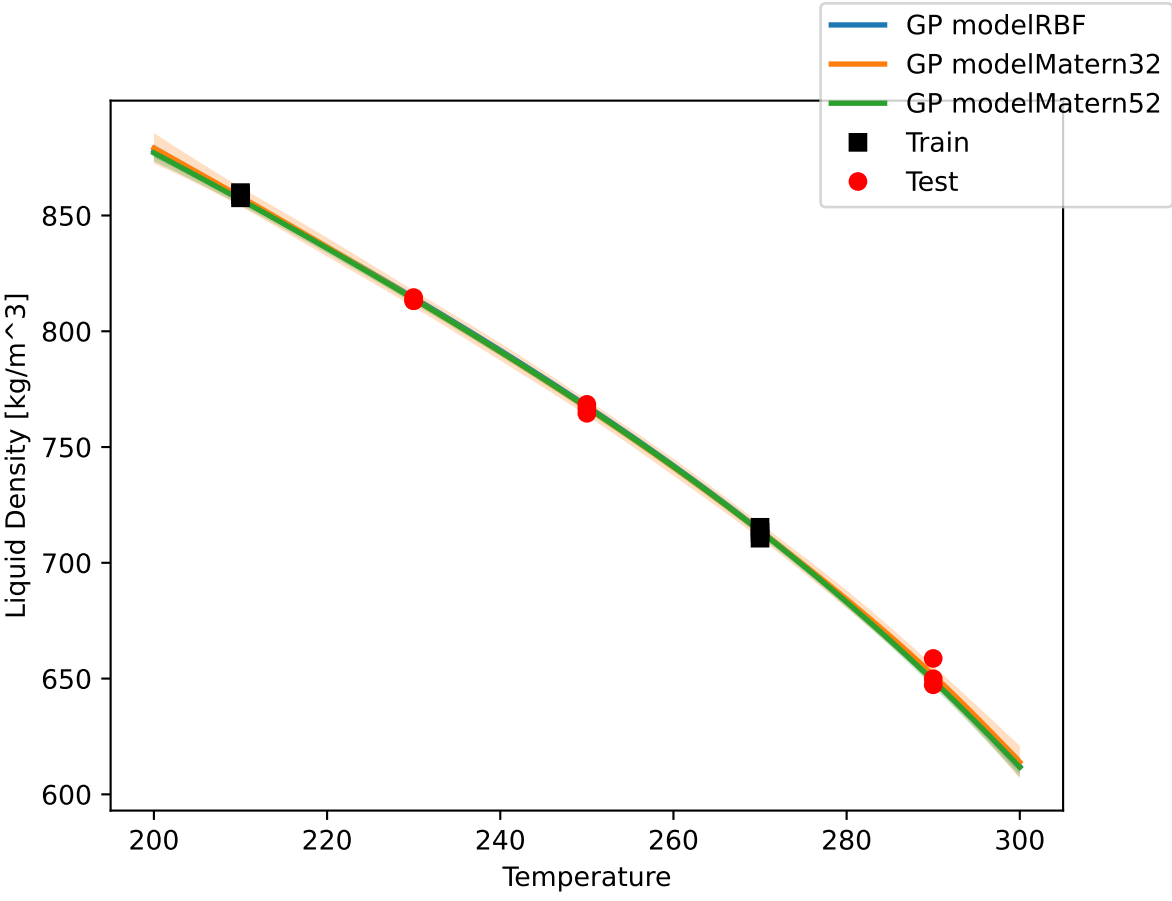

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

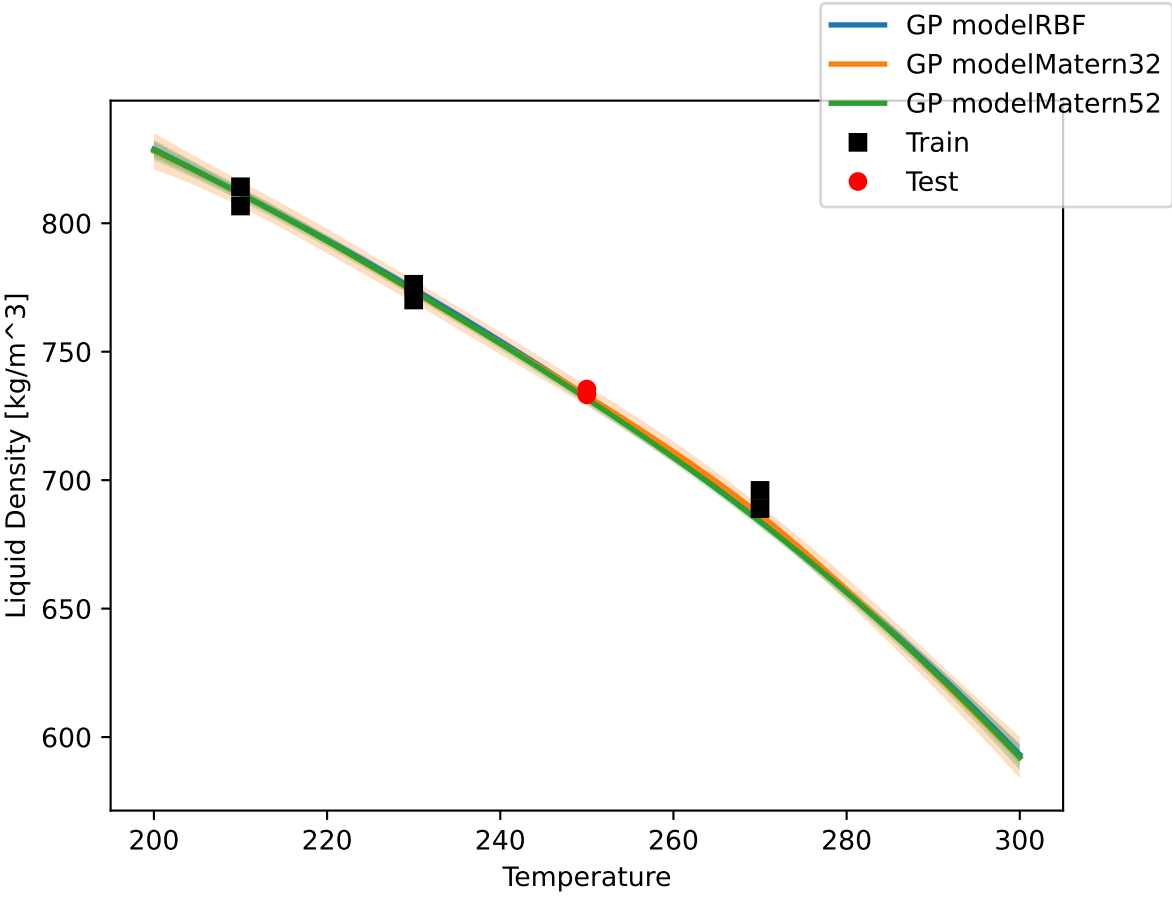

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
200
220
240
260
280
300
Temperature

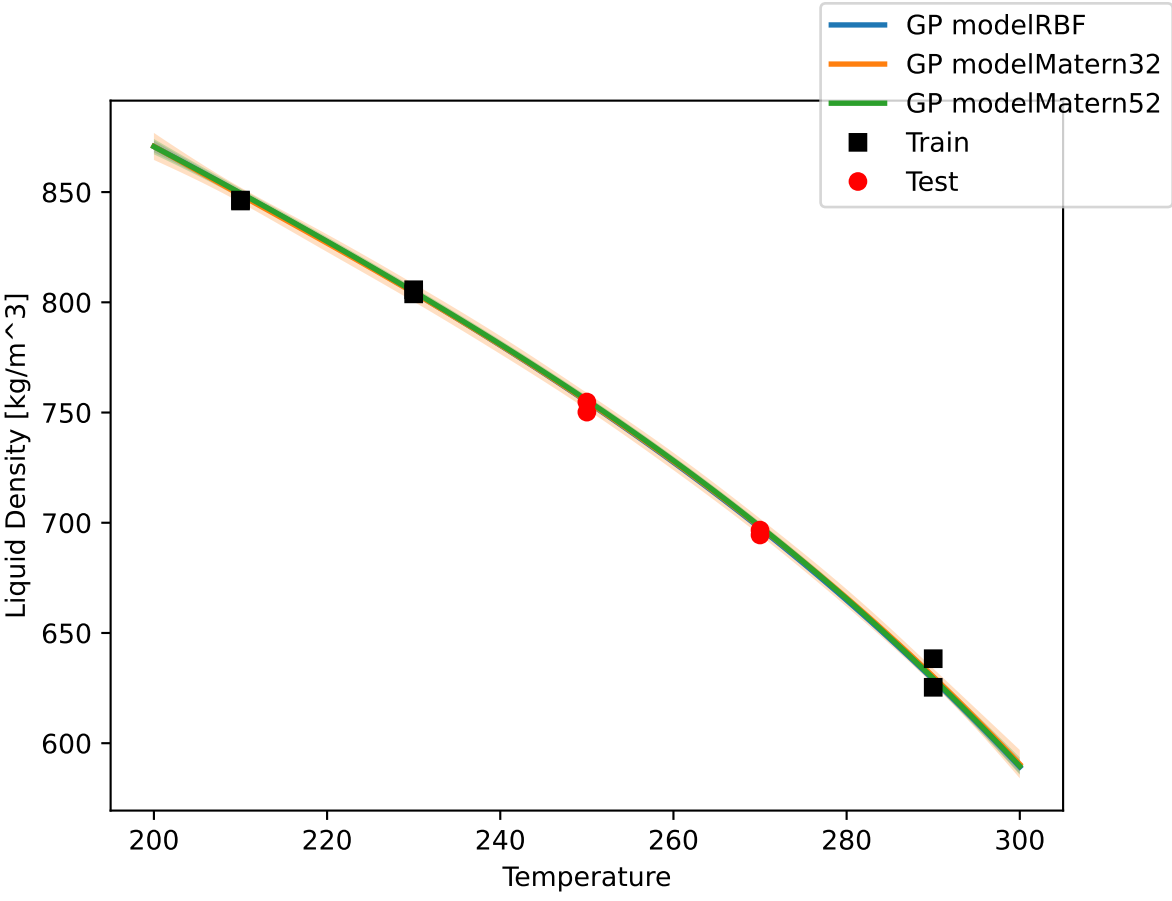

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

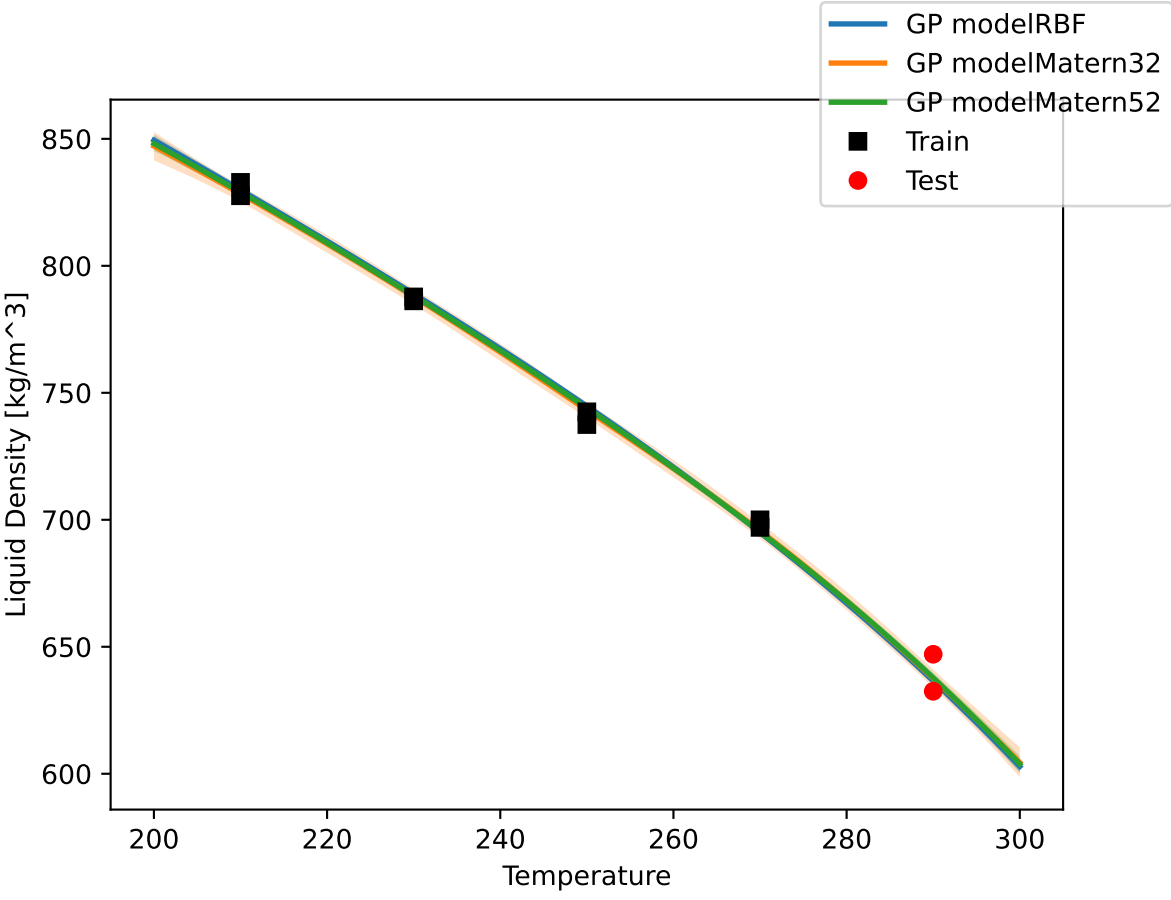

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

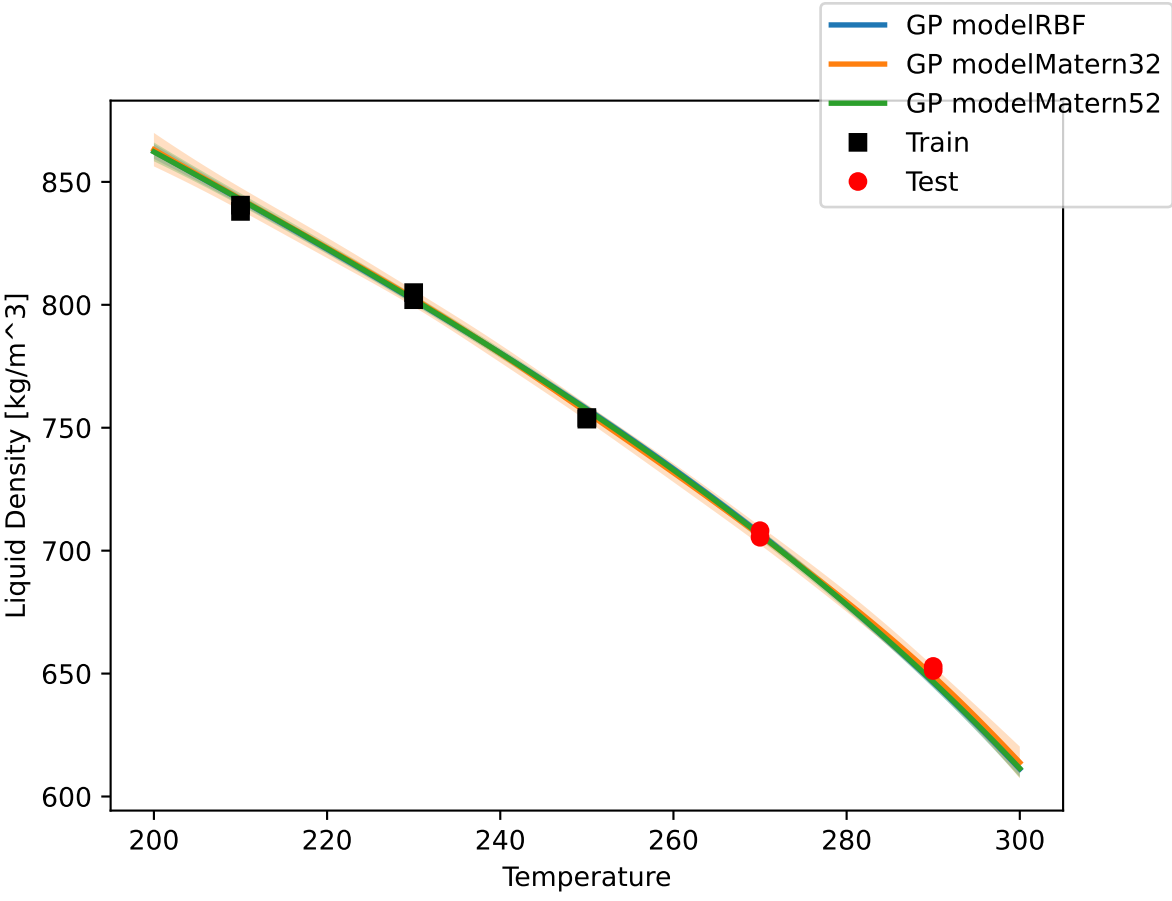

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

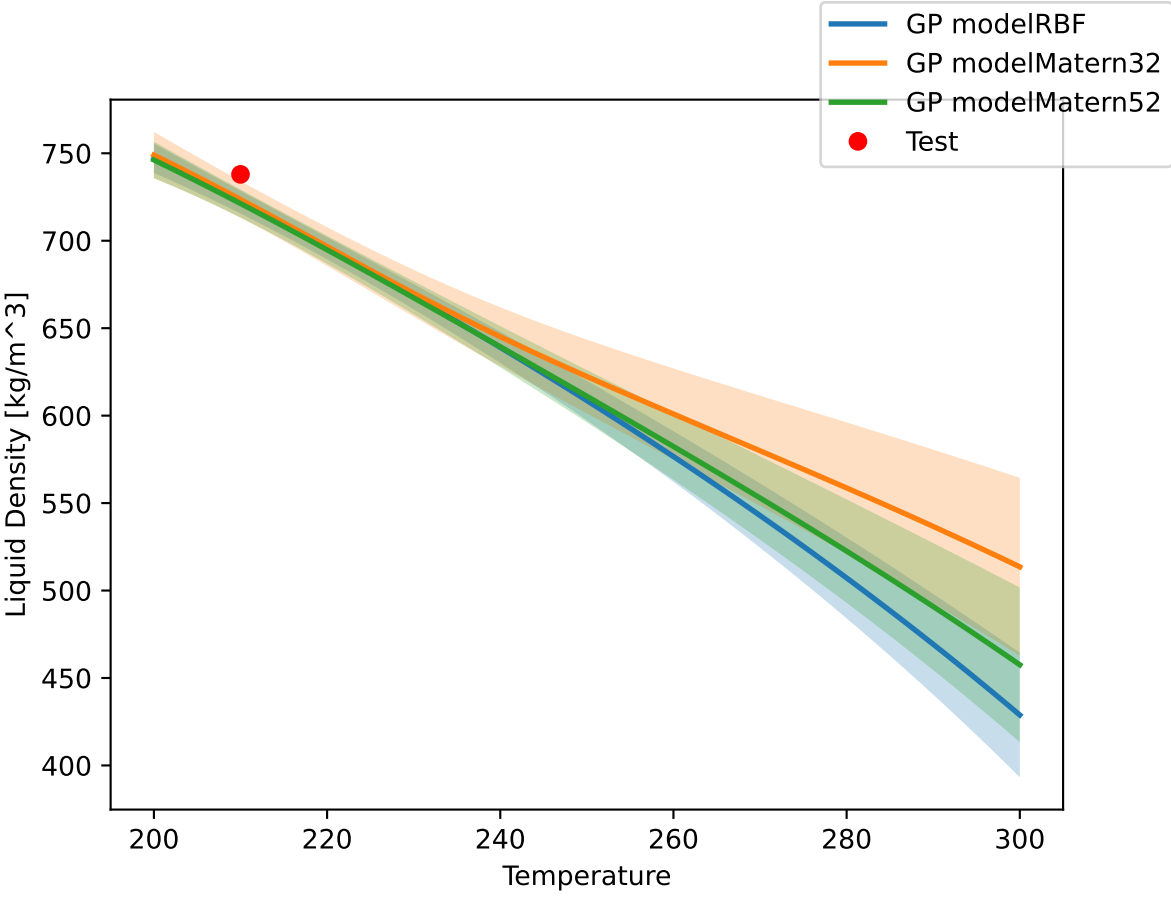

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

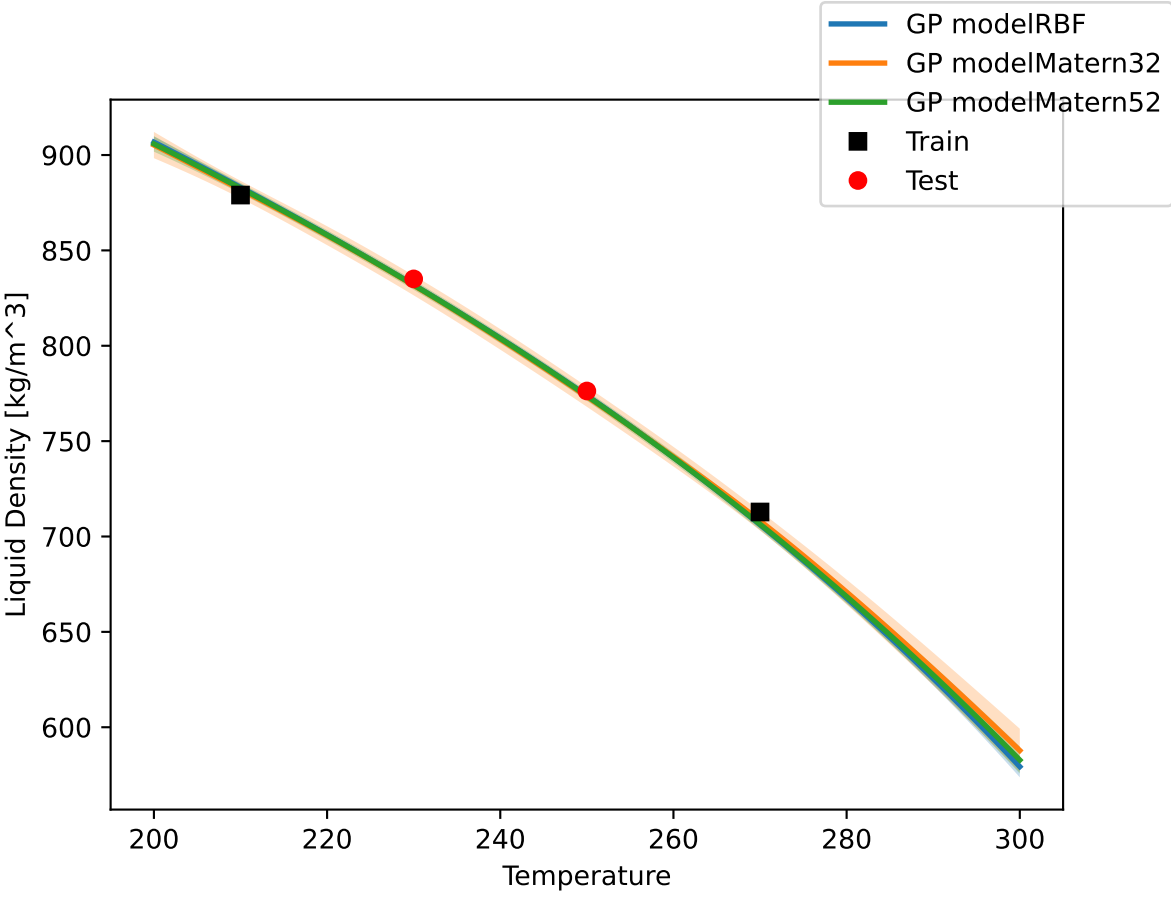

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

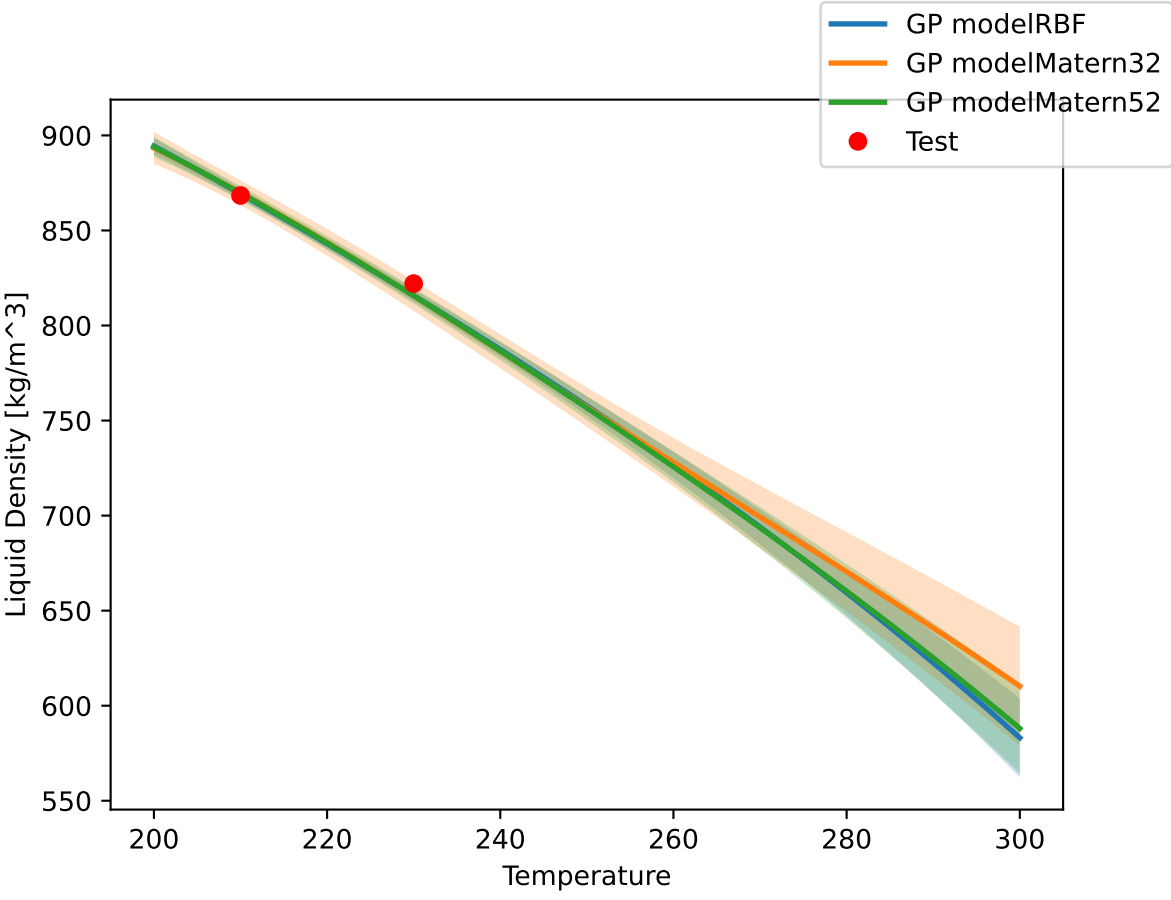

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

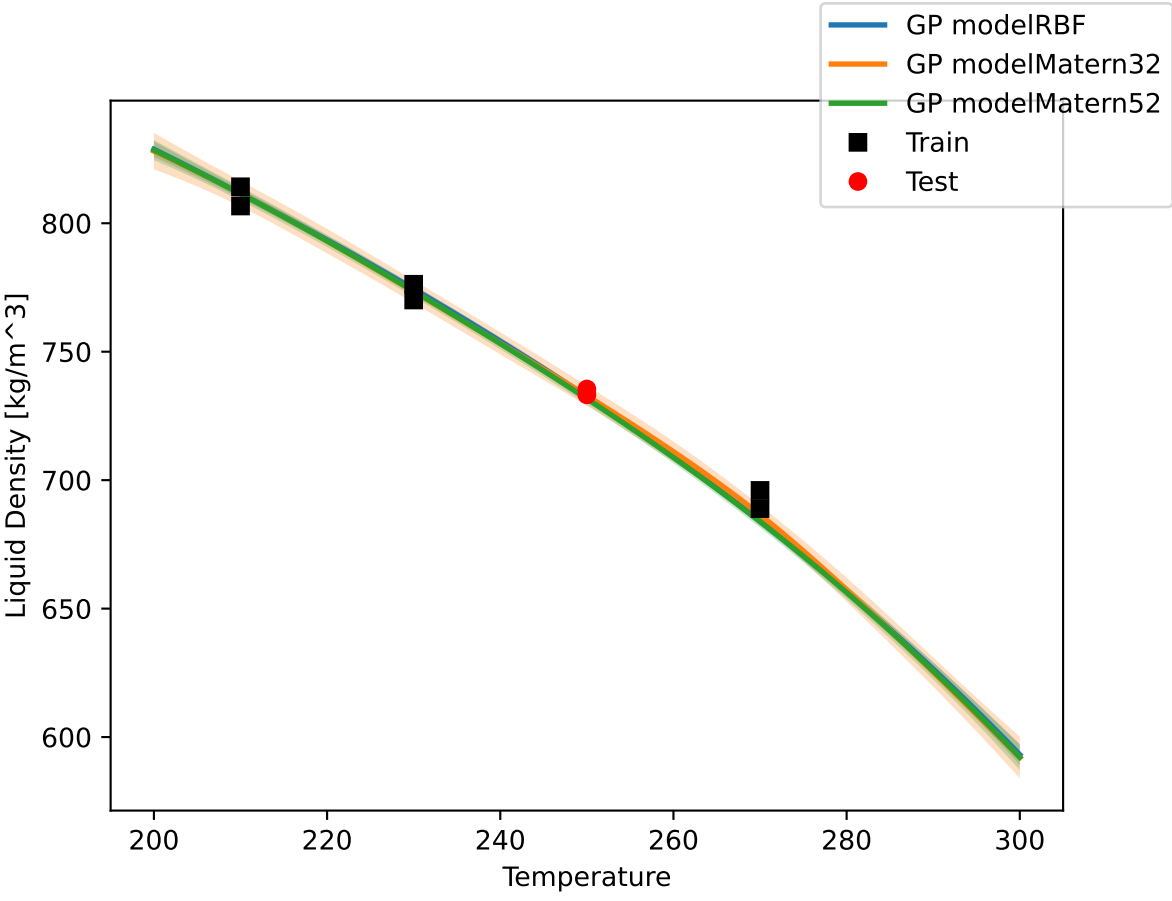

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

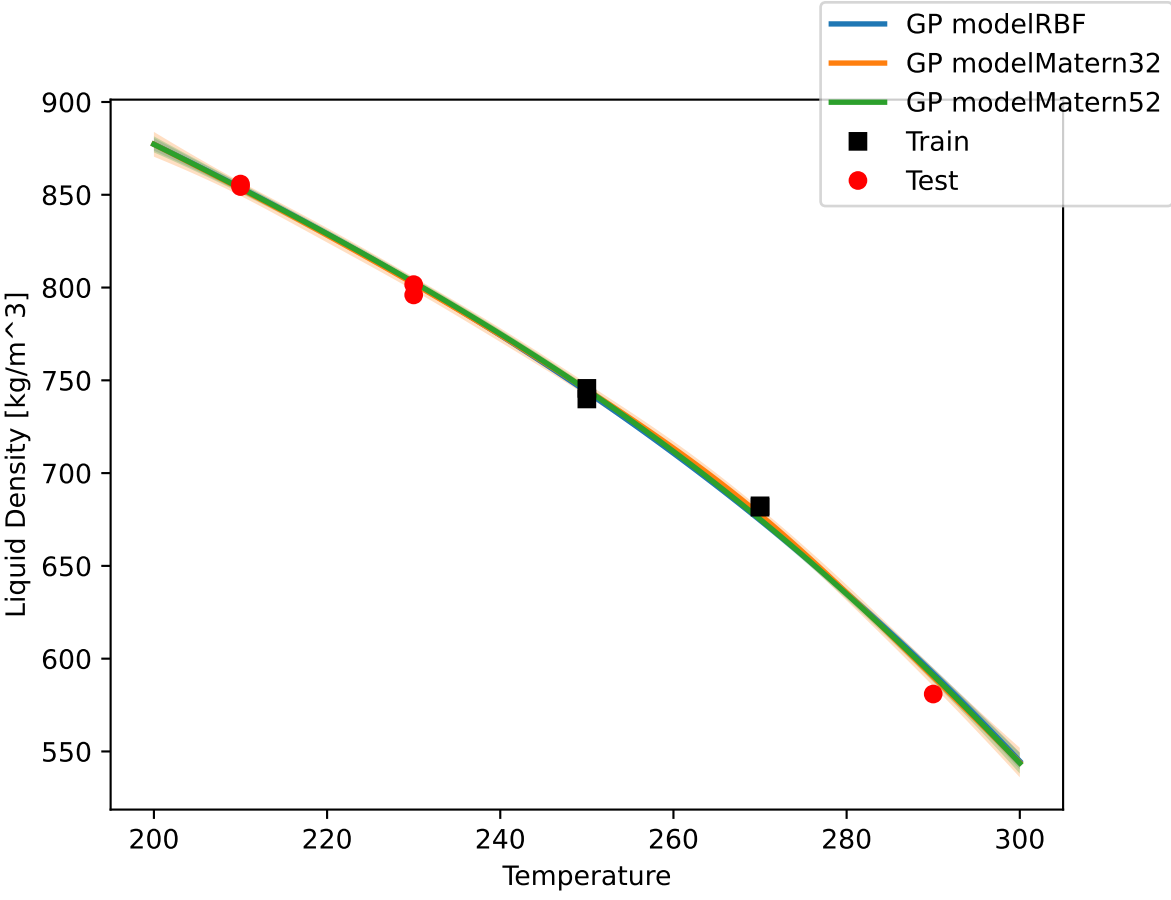

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

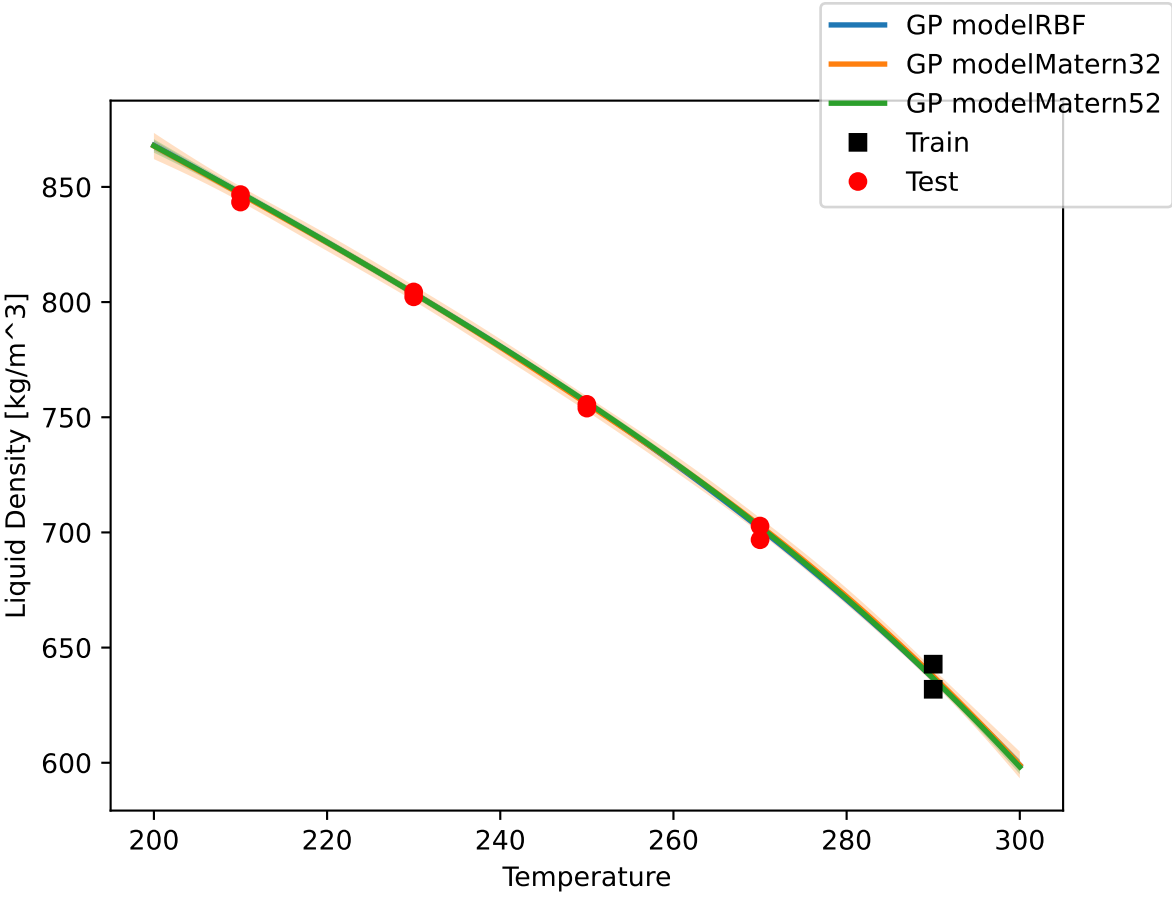

GP modelRBF
GP modelMatern32
GP modelMatern52
Test
750
700
650
600
550
500
450
400
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

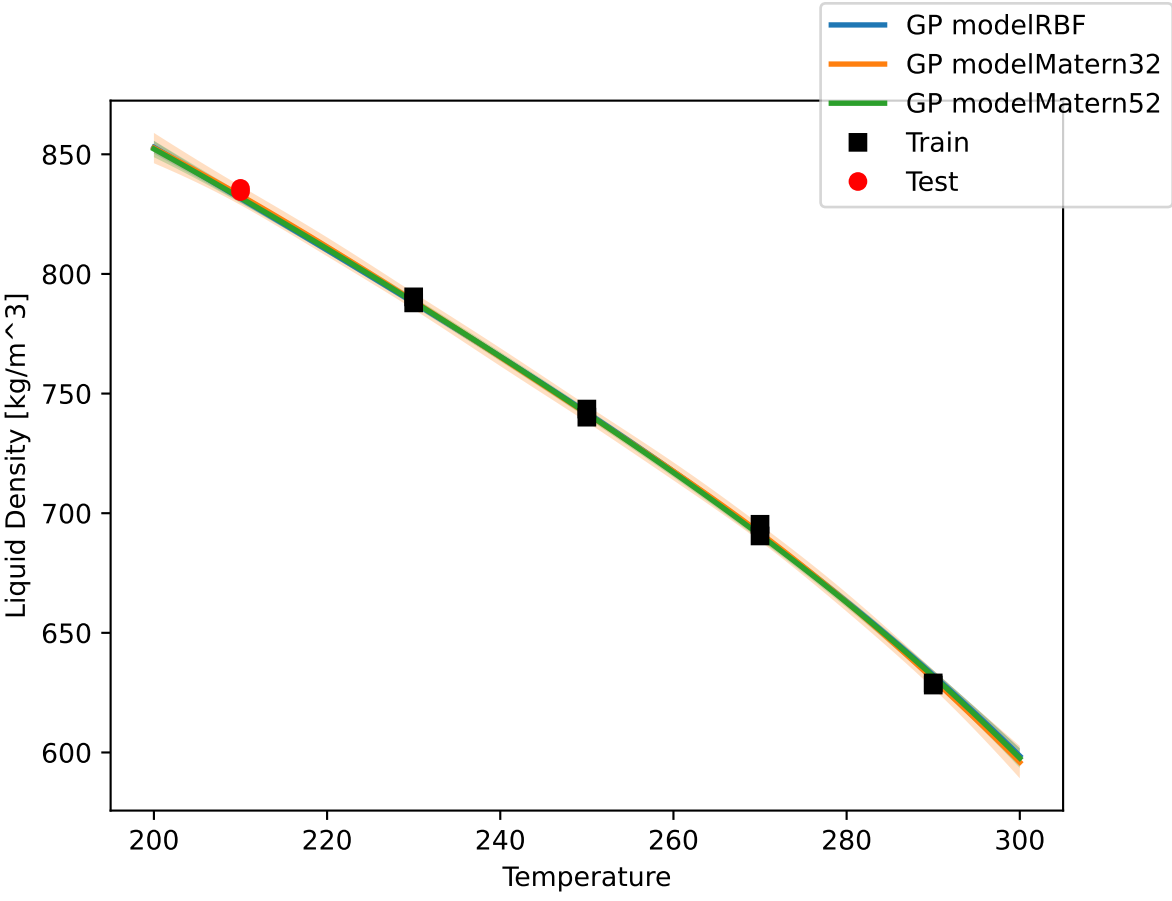

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

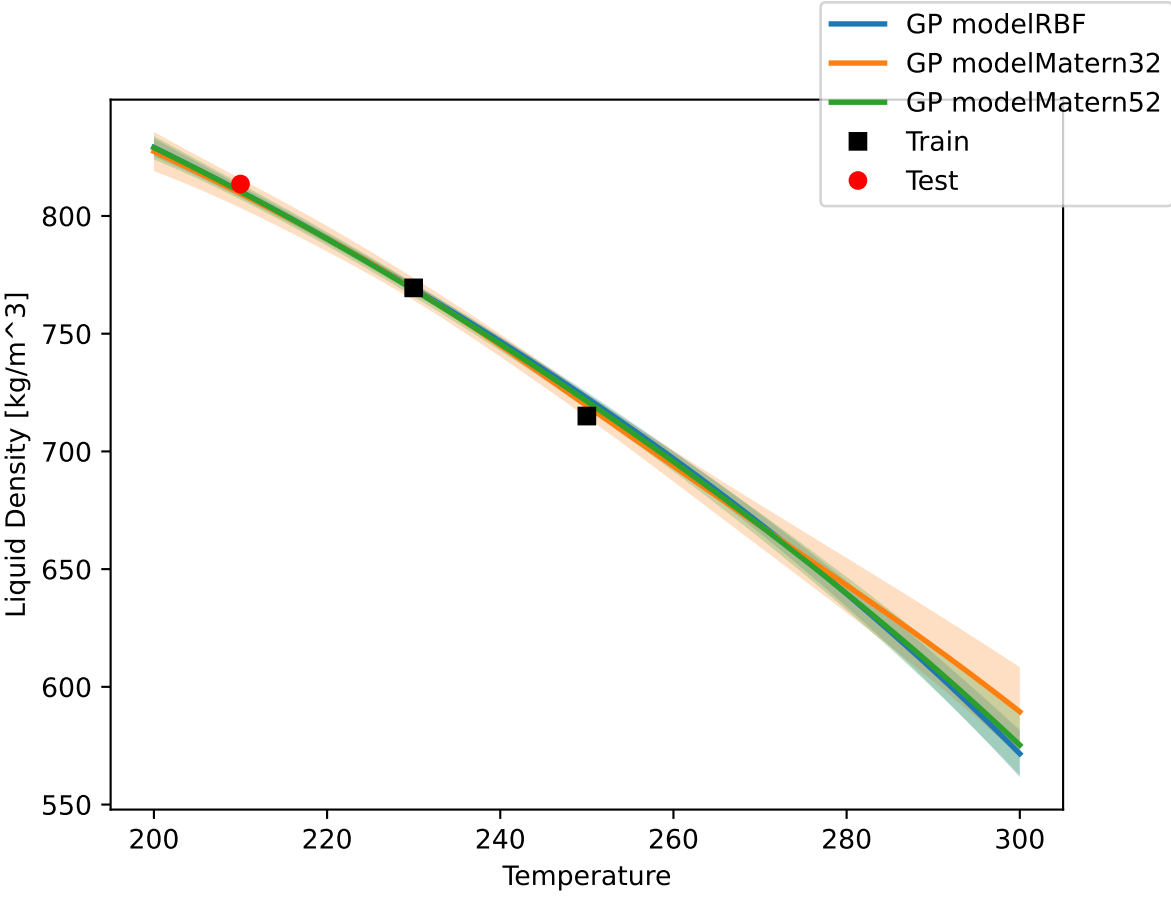

GP modelRBF
GP modelMatern32
GP modelMatern52
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

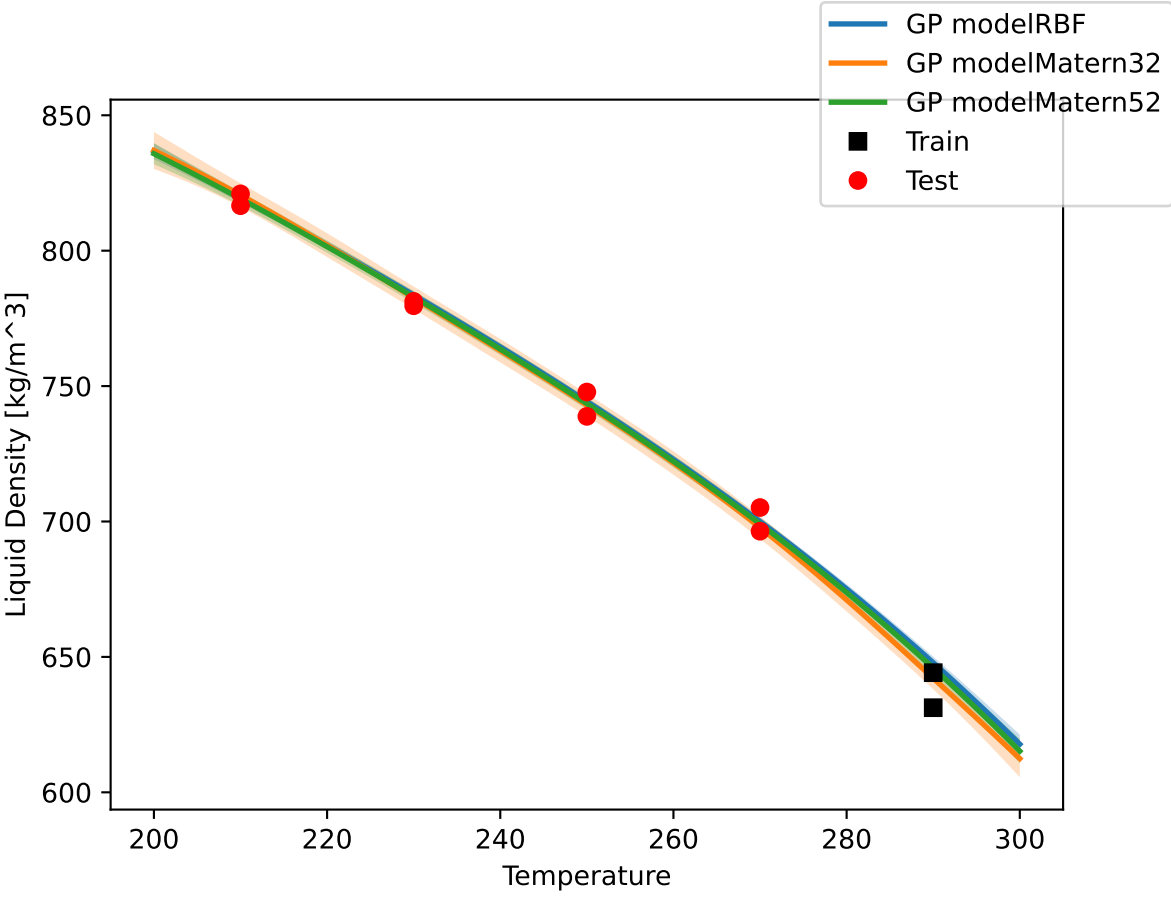

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

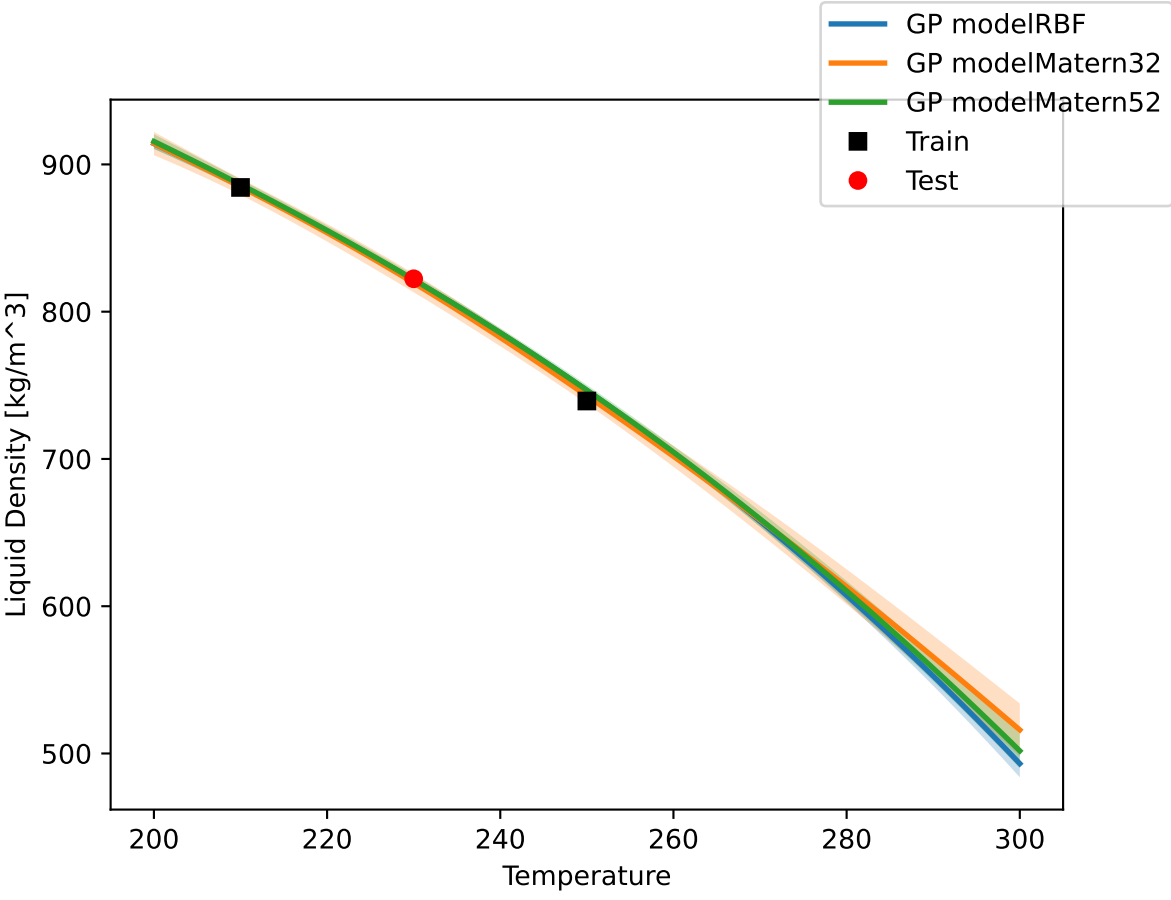

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

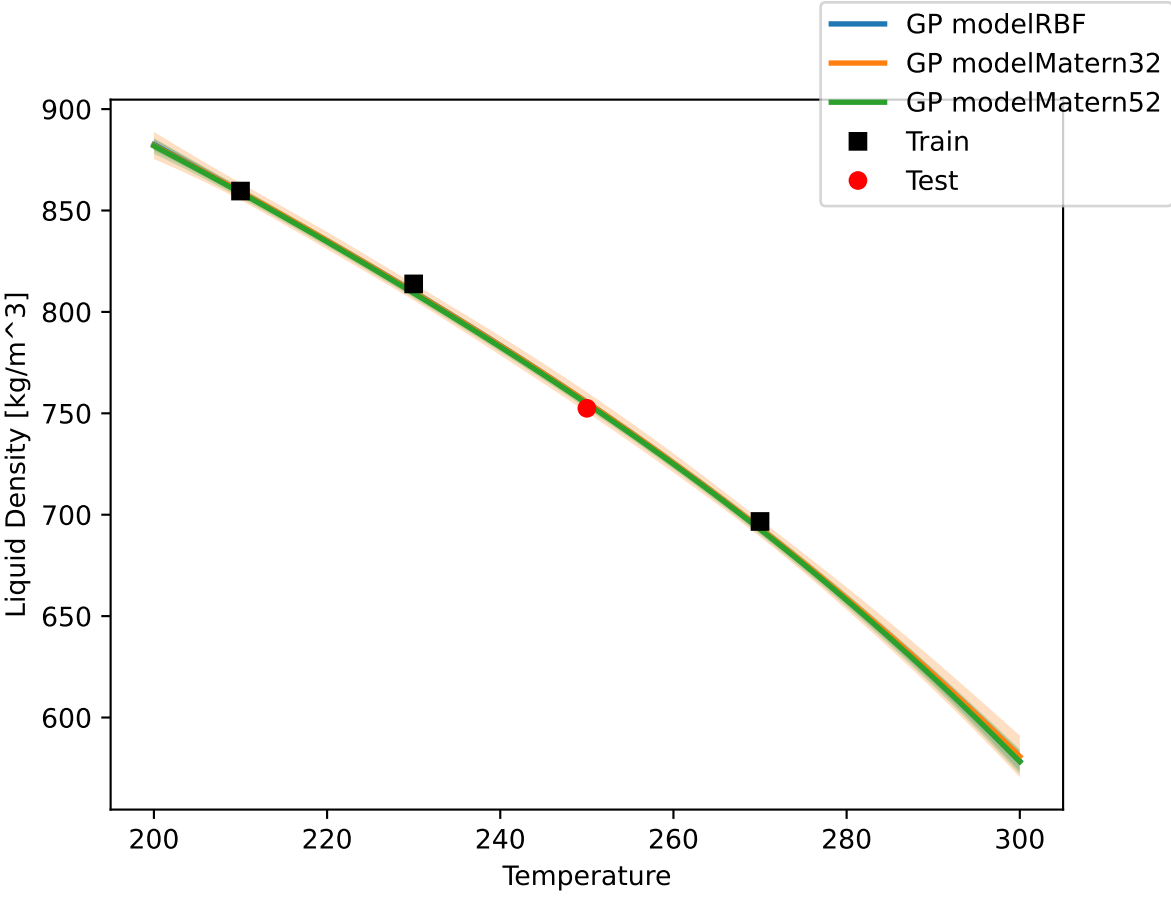

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

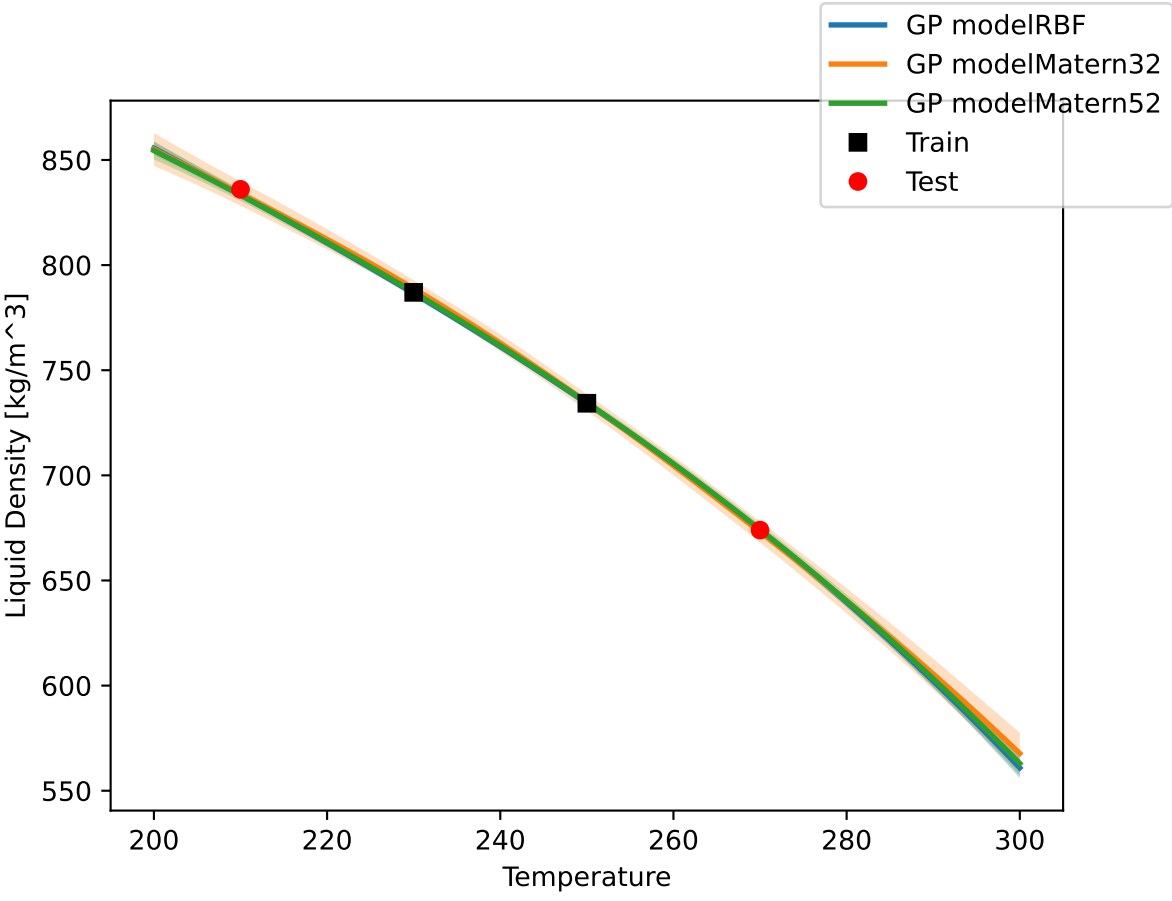

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

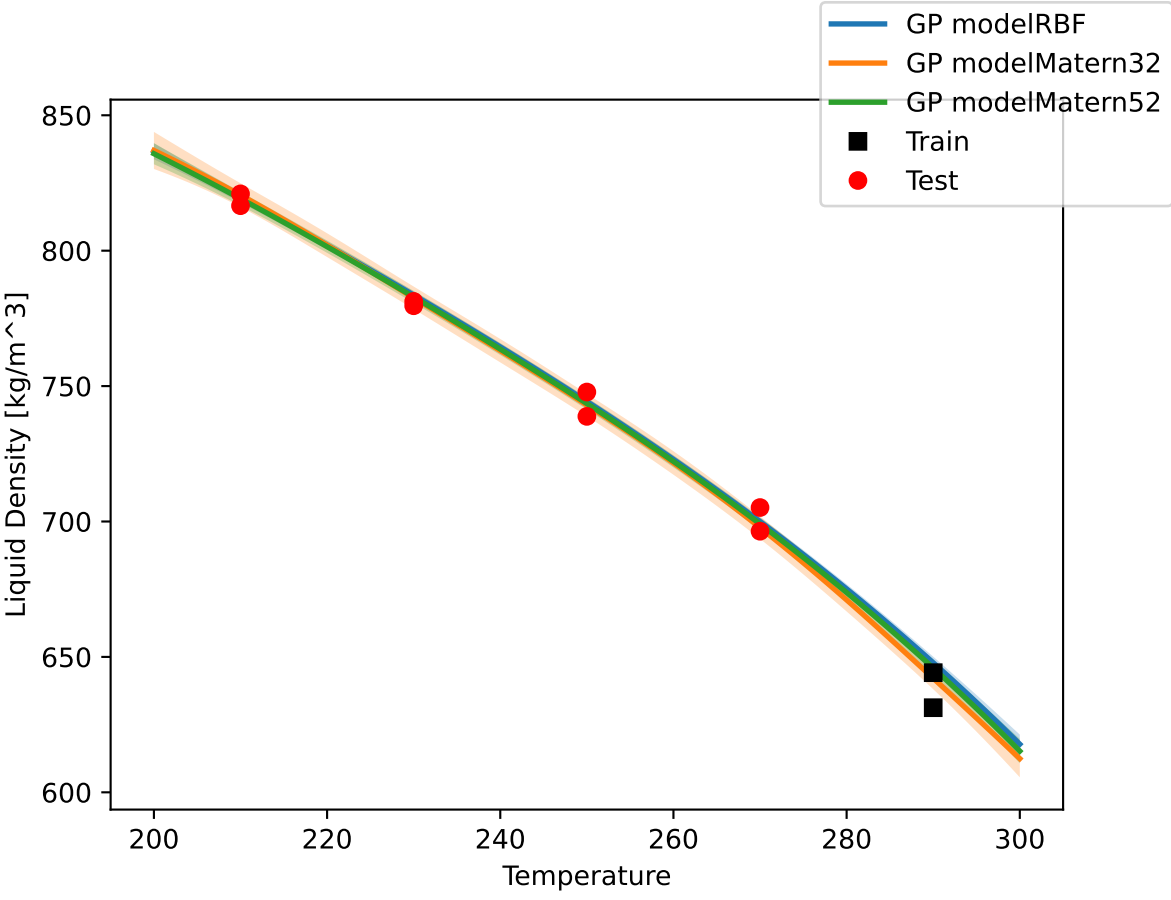

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

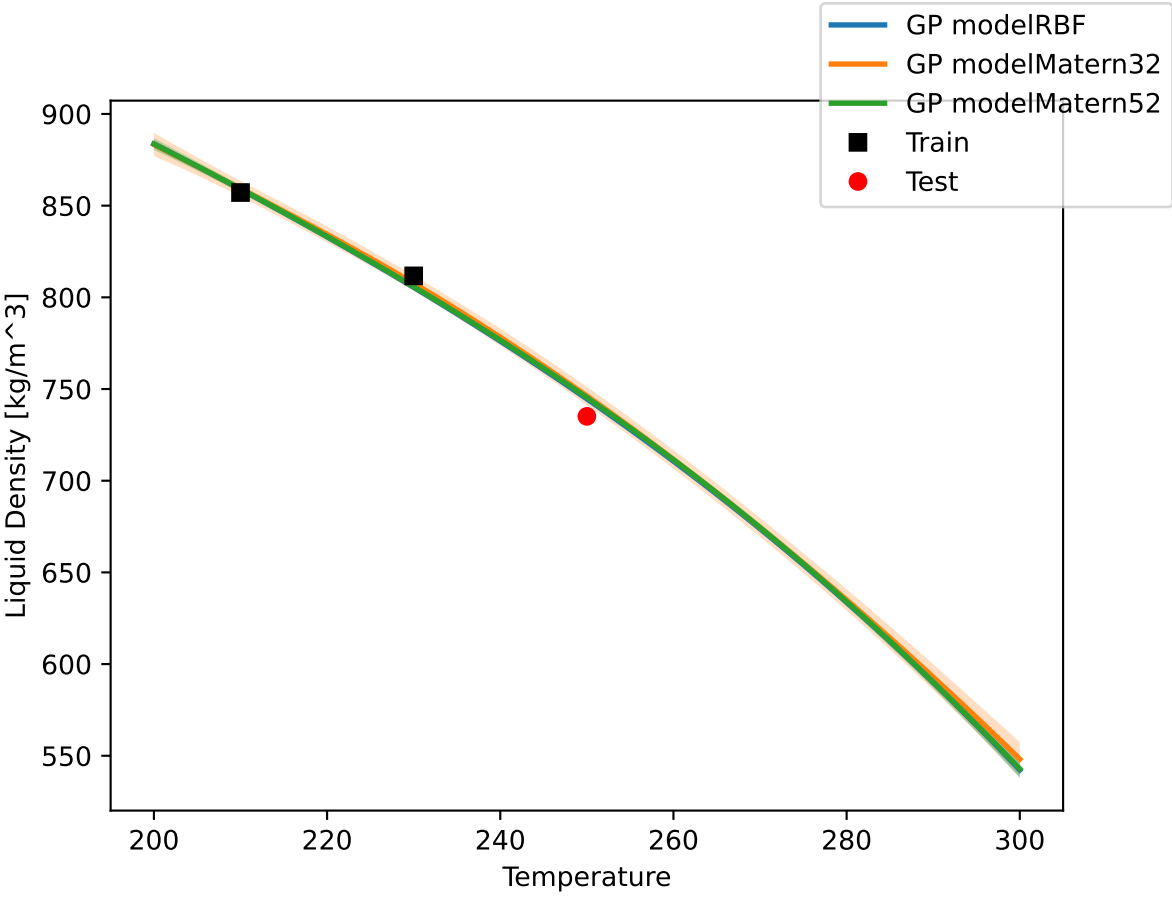

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

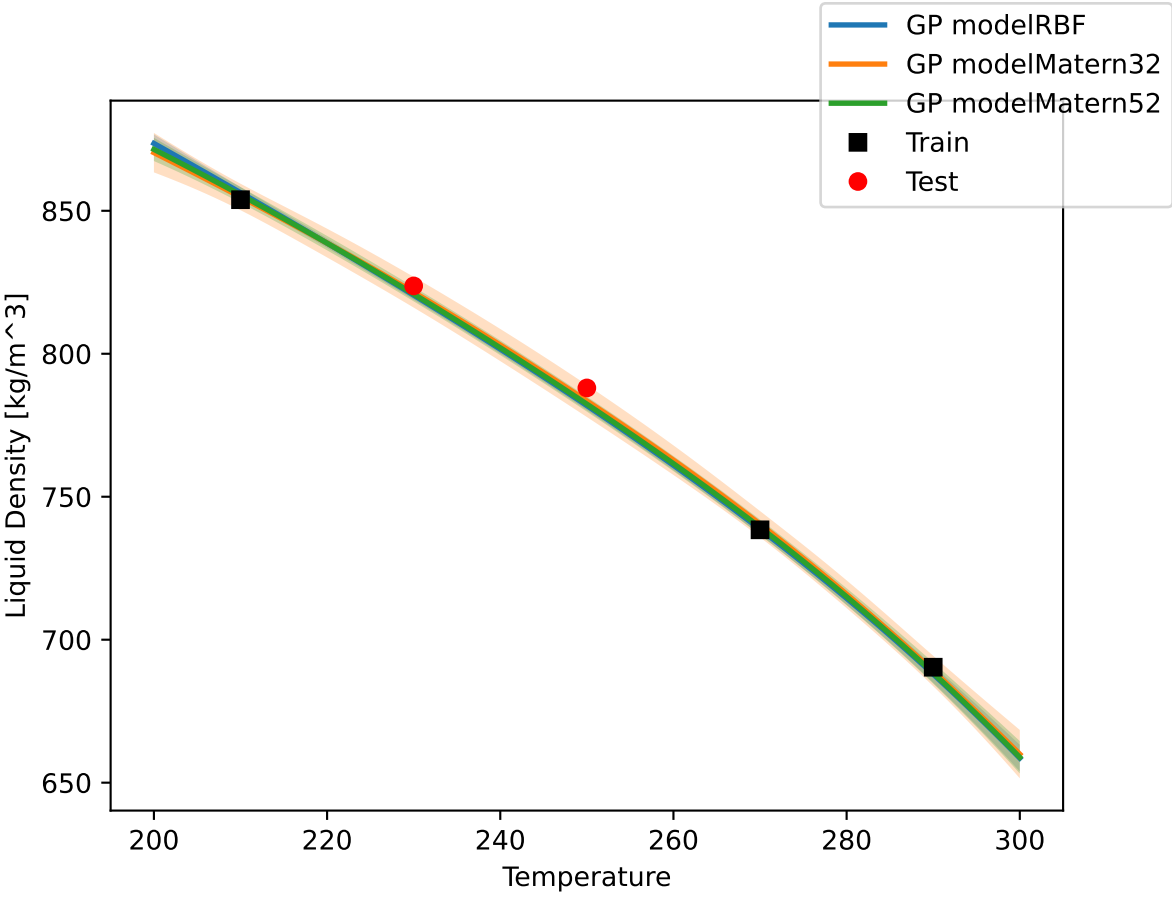

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
800
700
600
500
200
220
240
260
280
300
Temperature

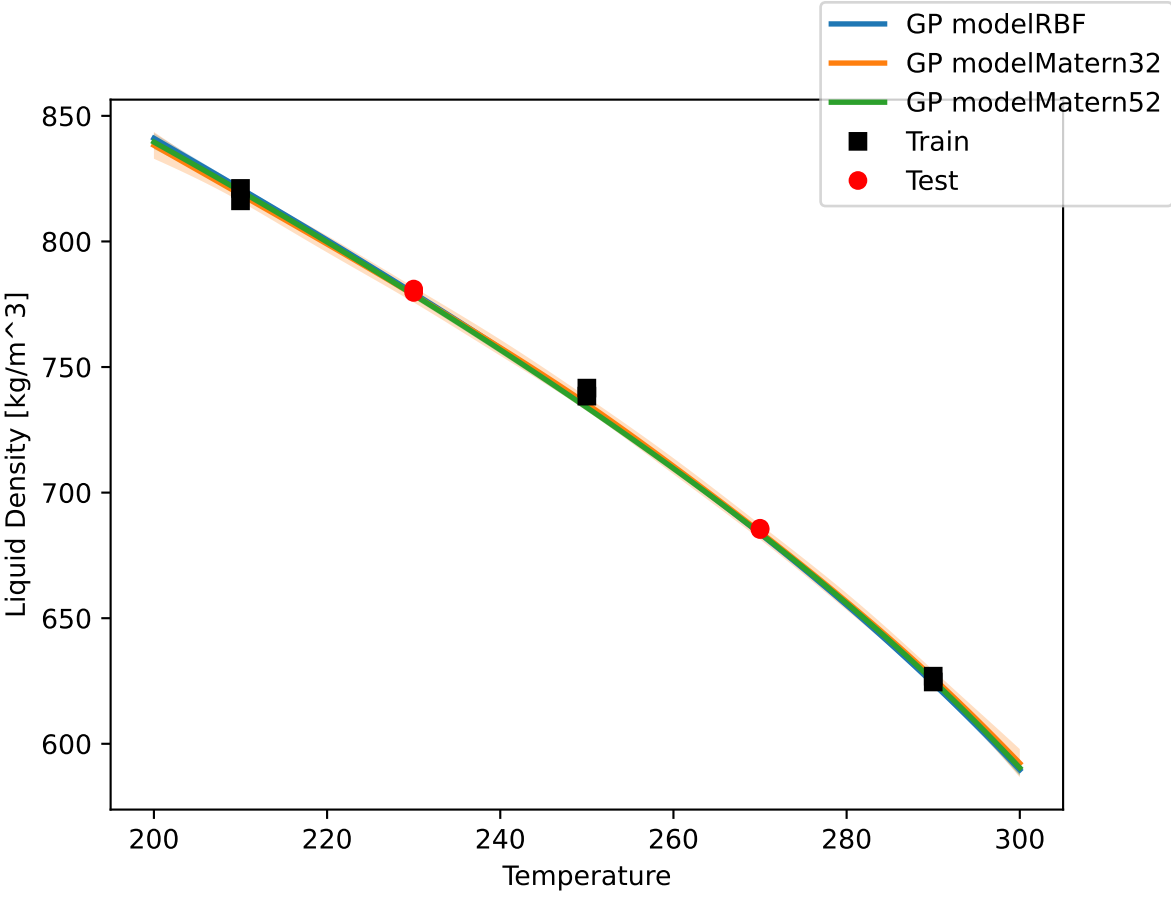

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

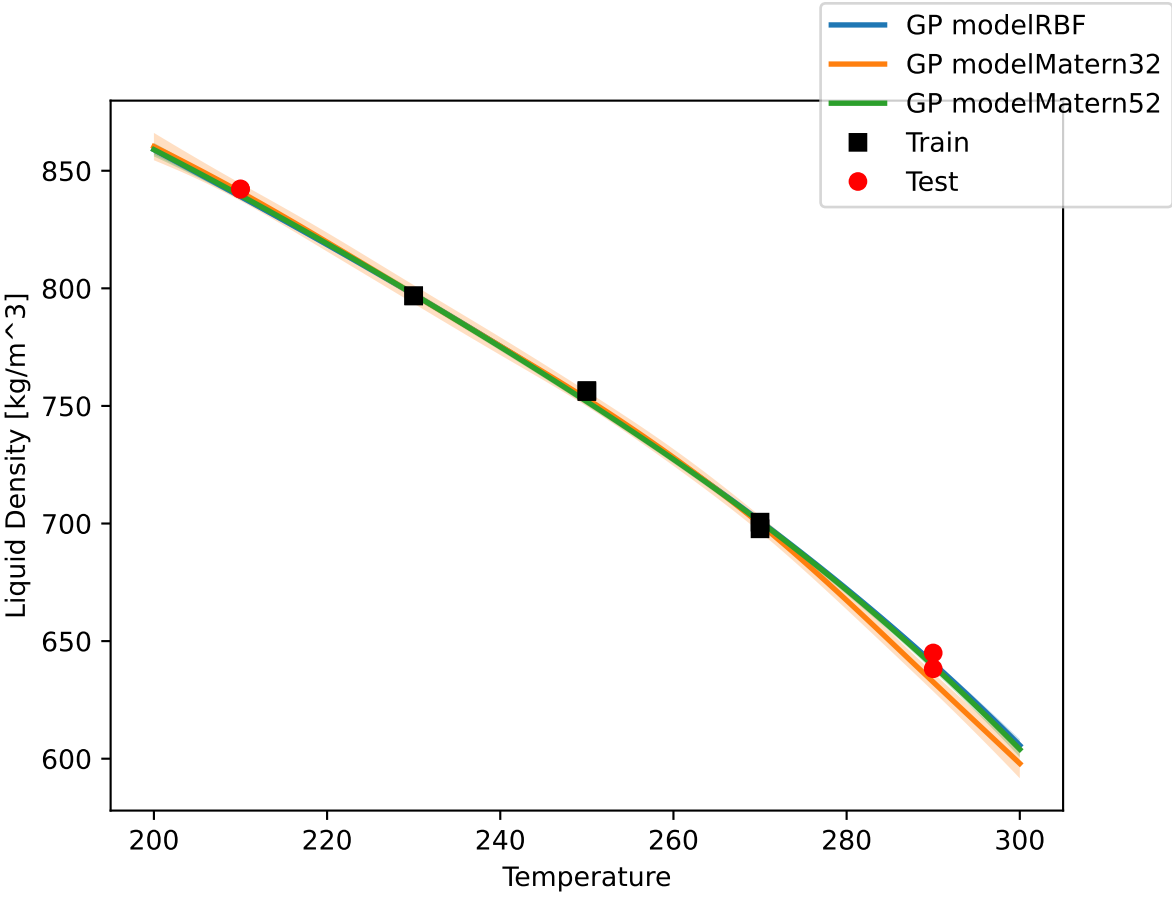

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

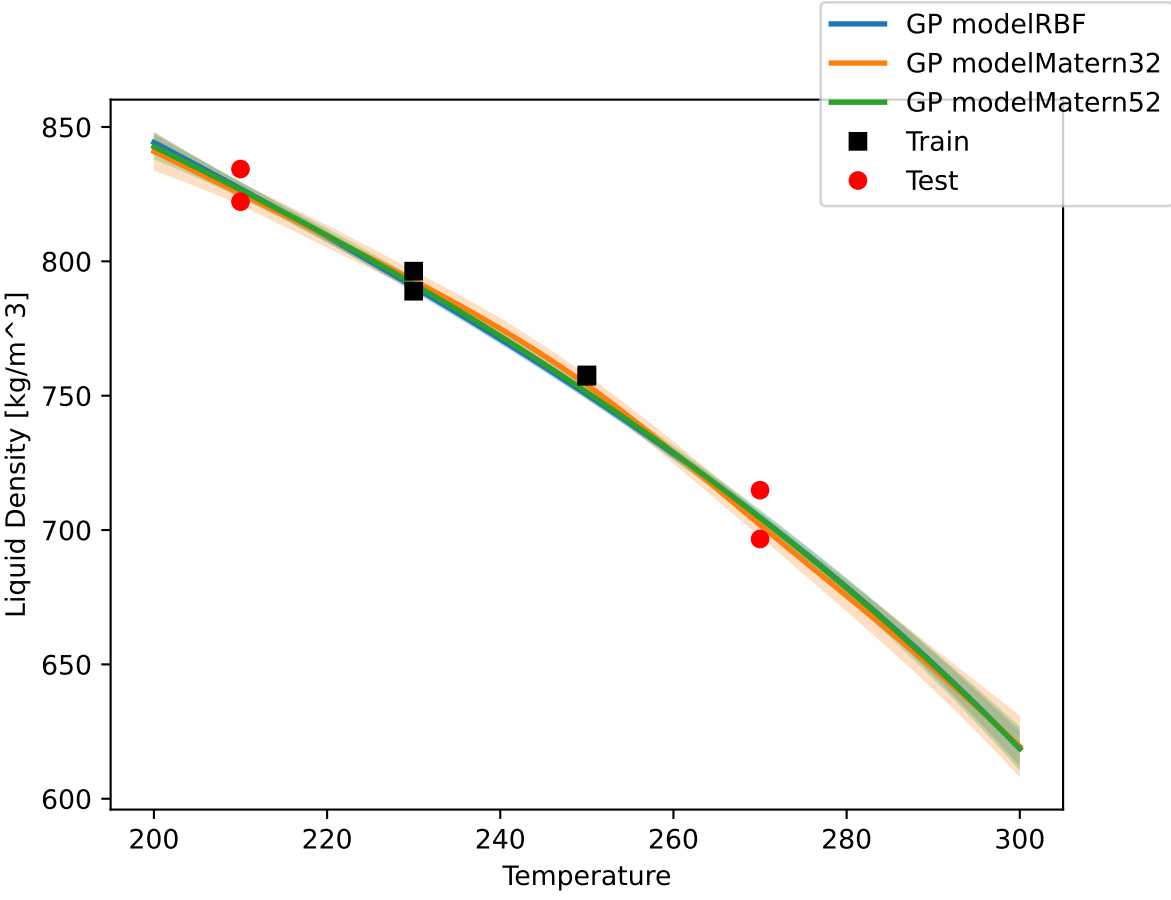

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

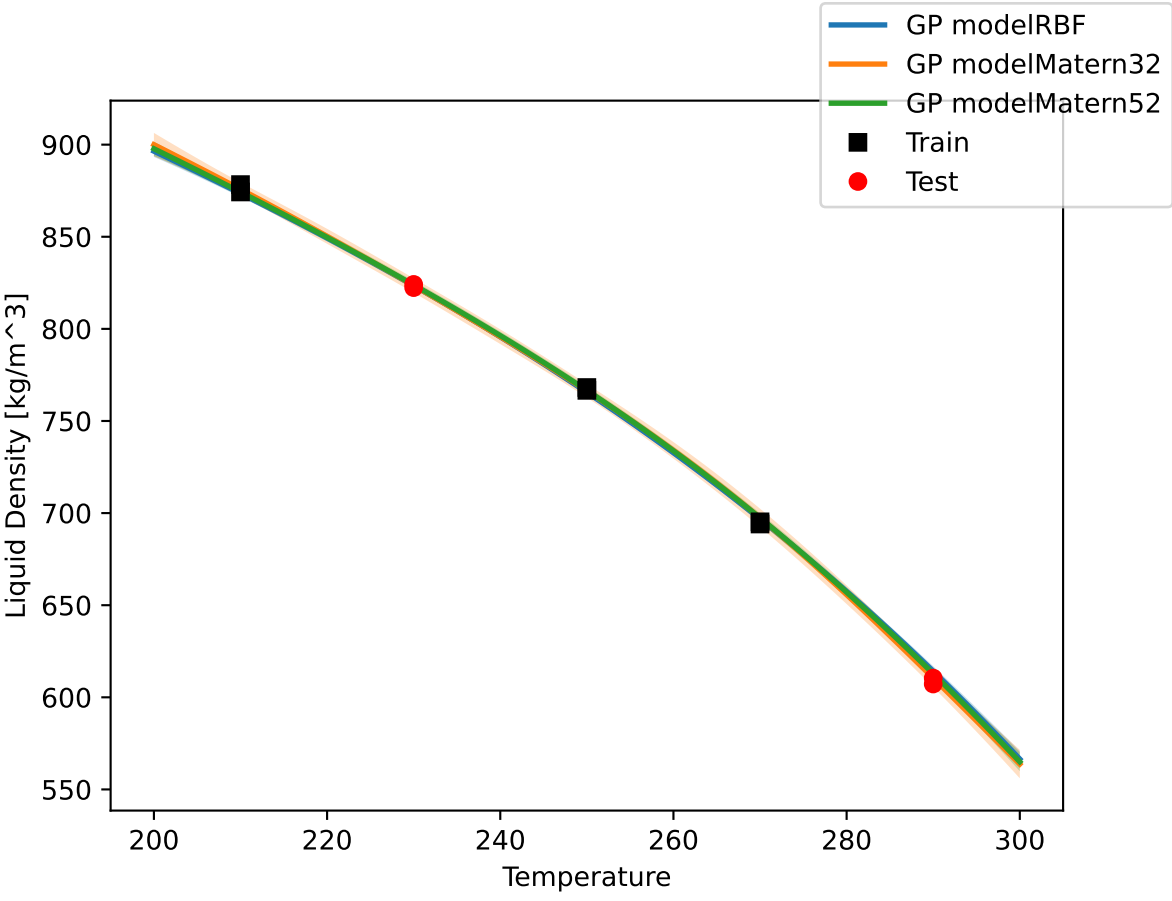

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

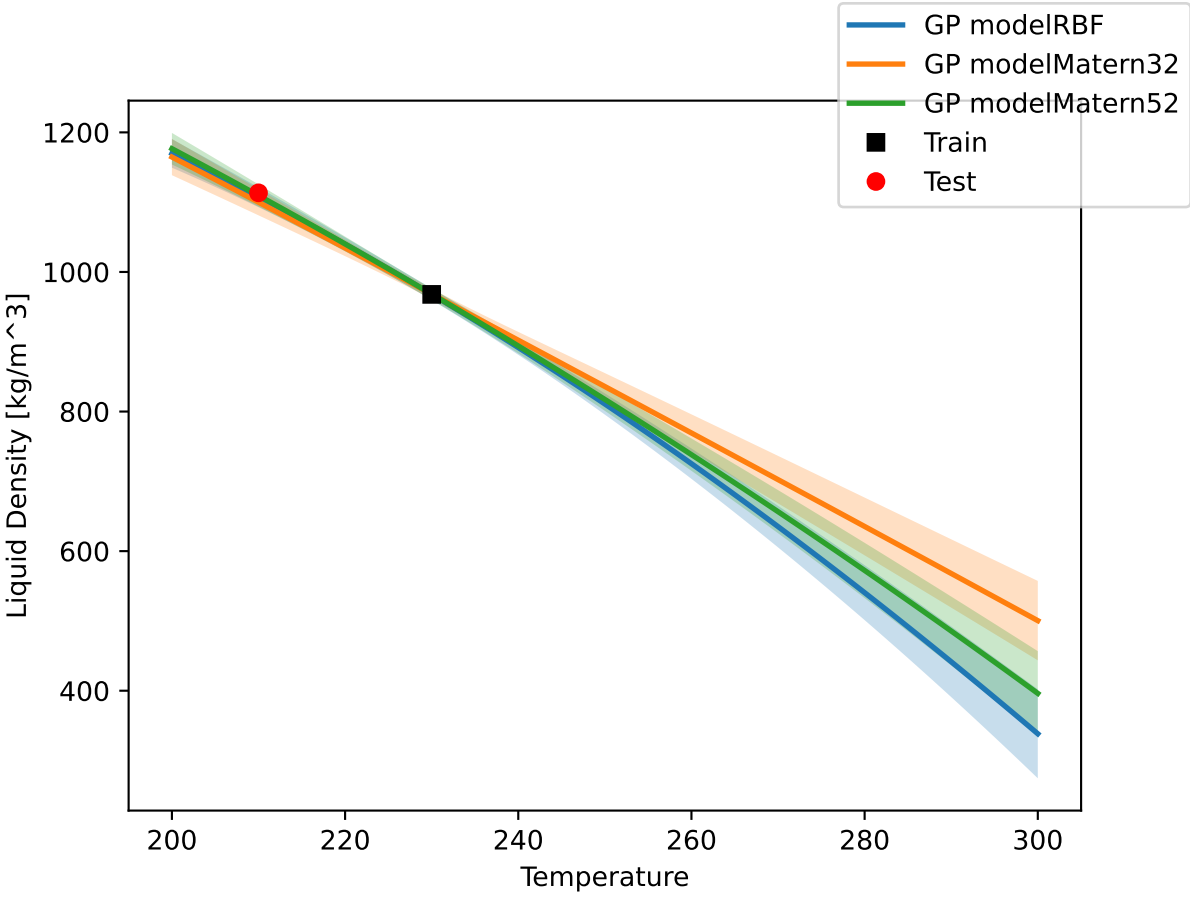

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

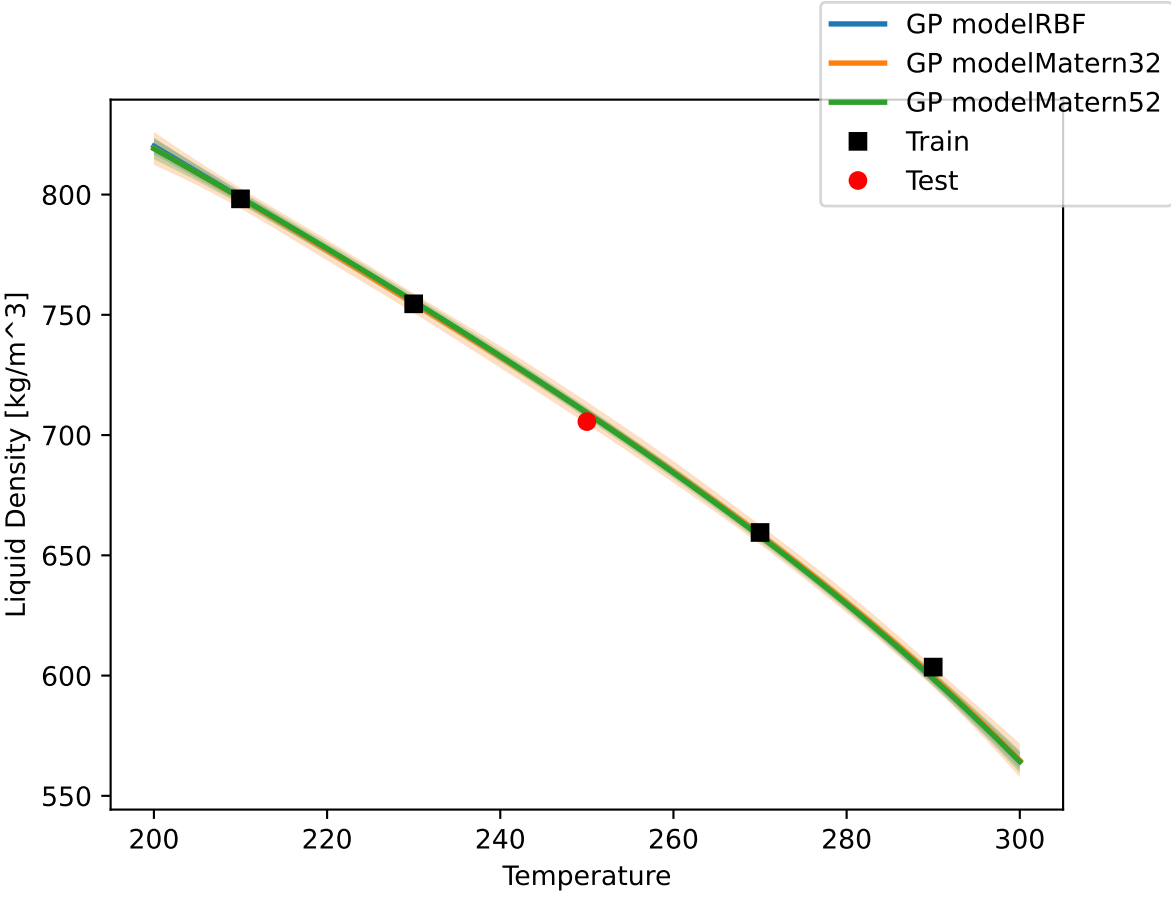

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

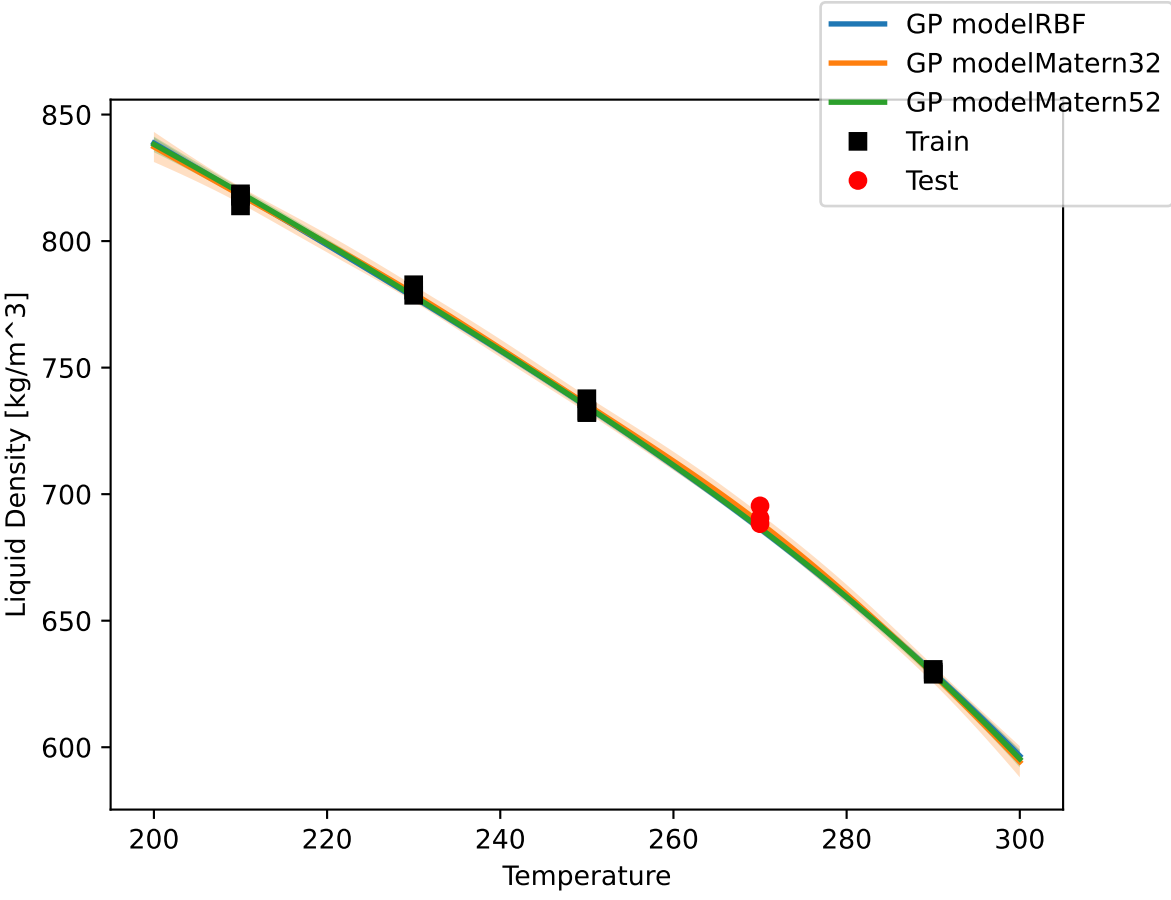

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

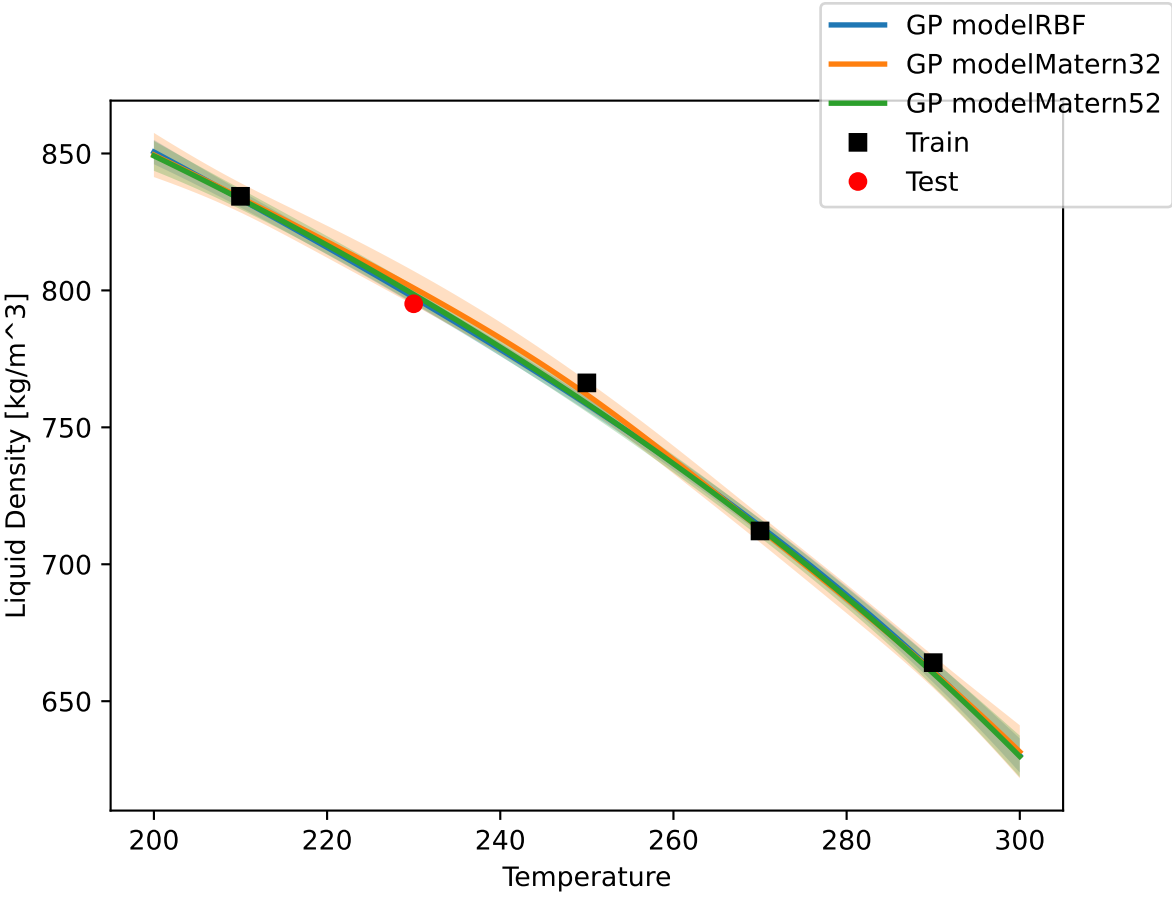

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

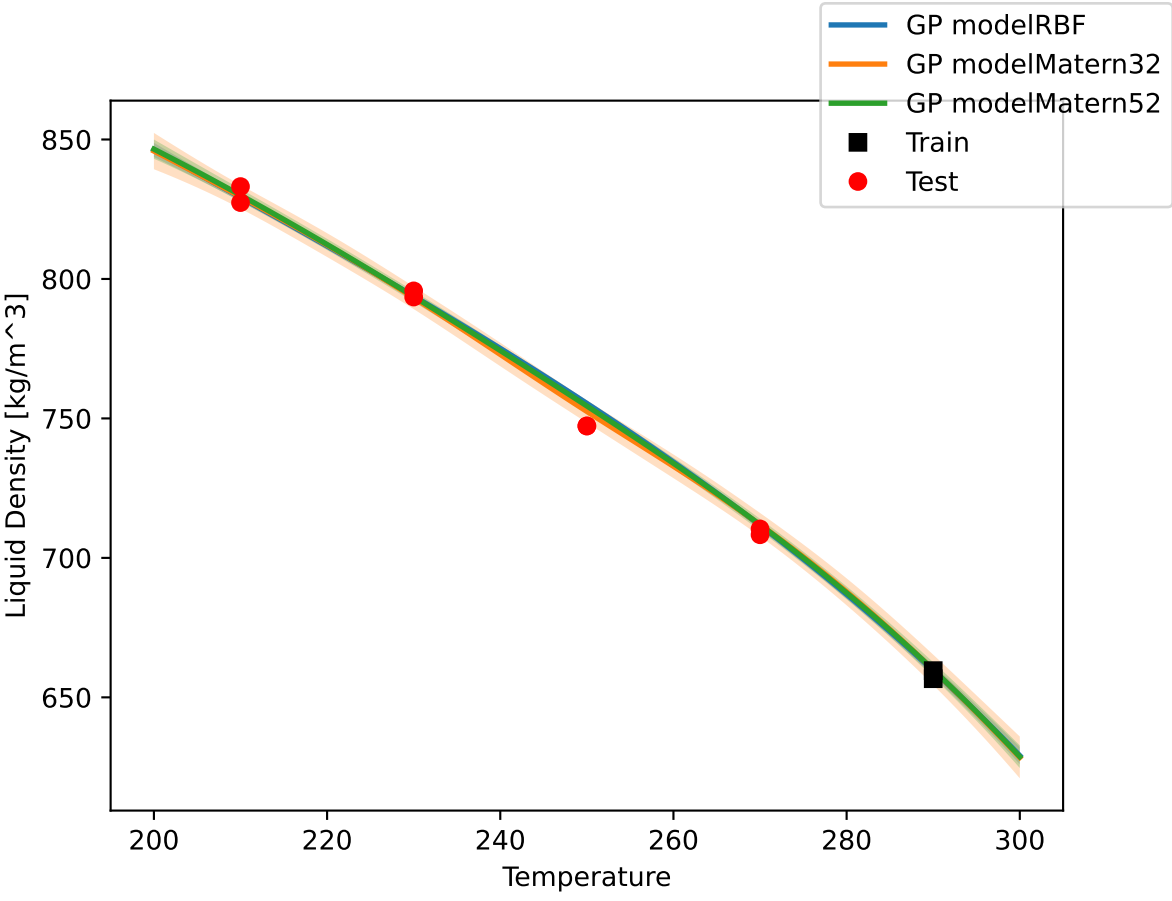

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

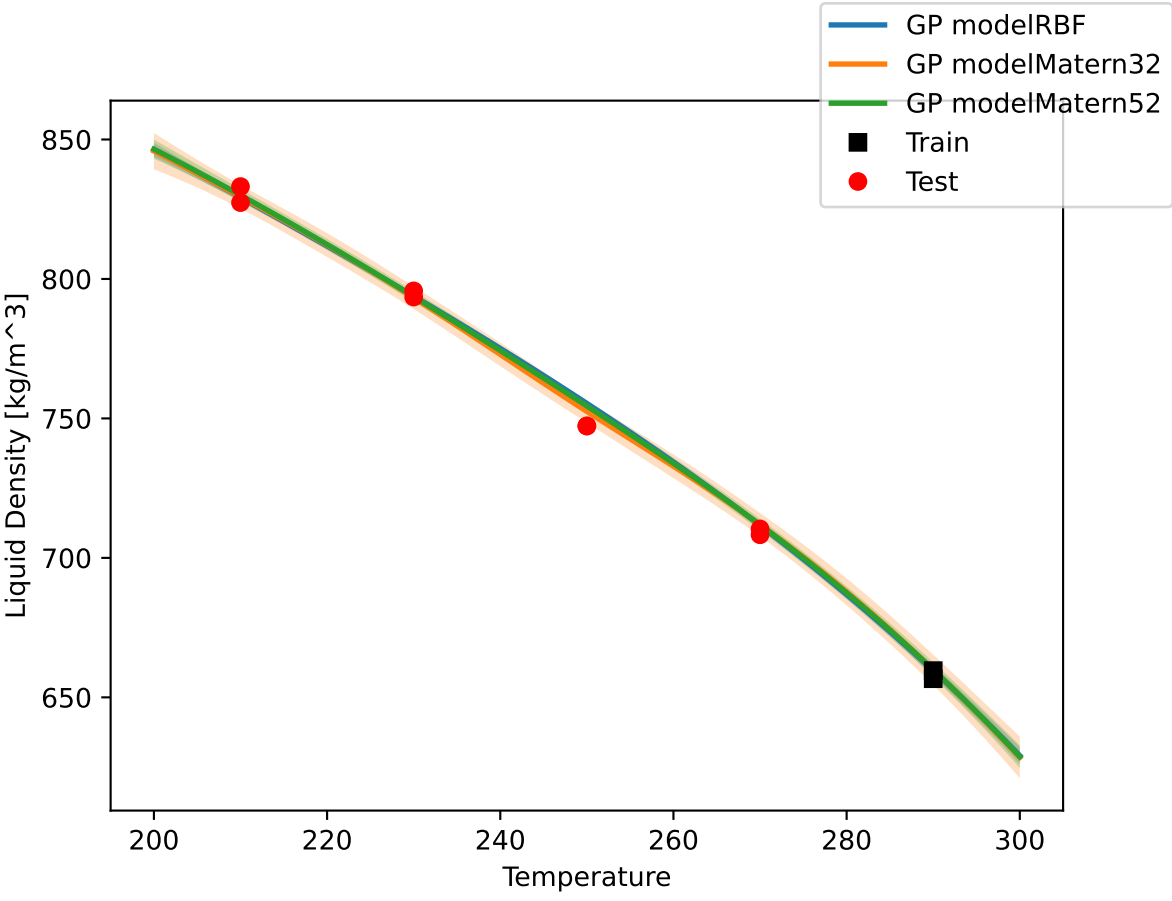

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
1200
1000
800
600
400
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

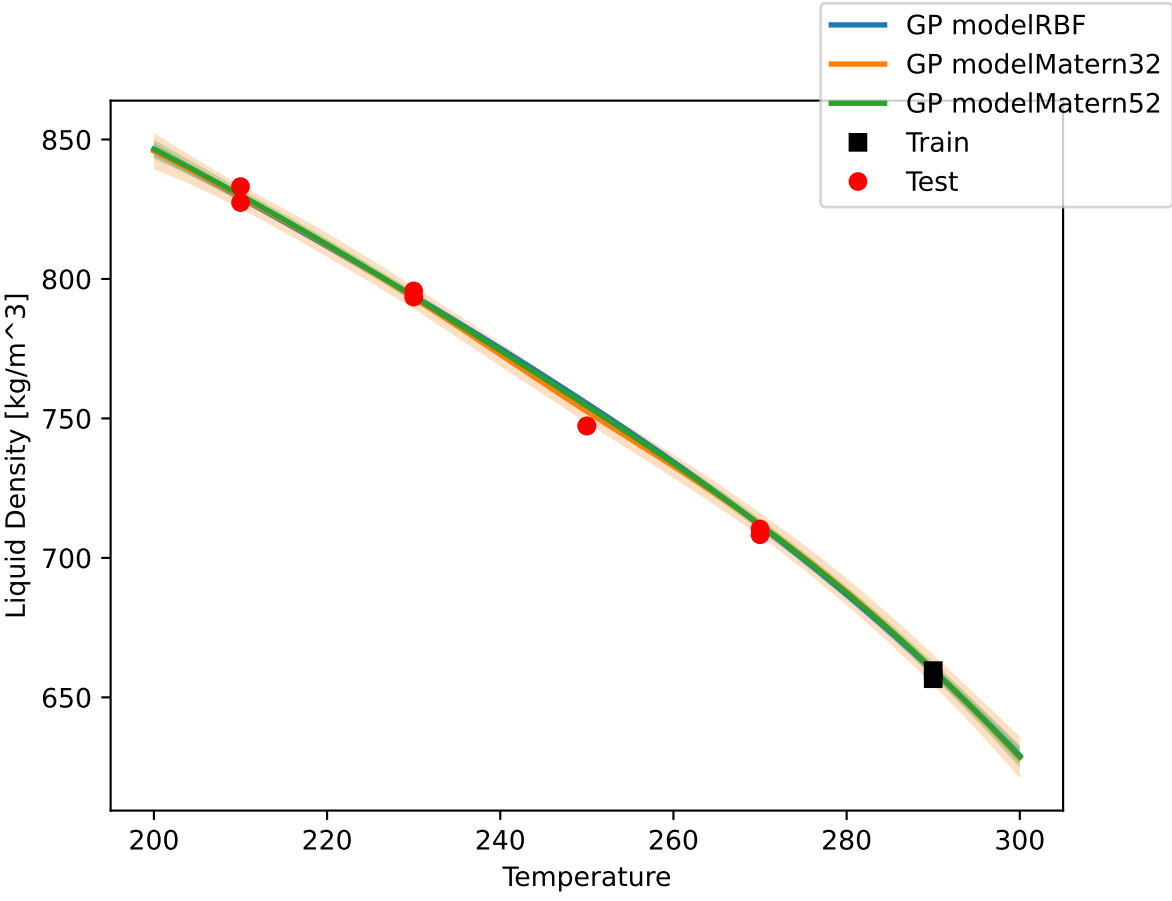

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

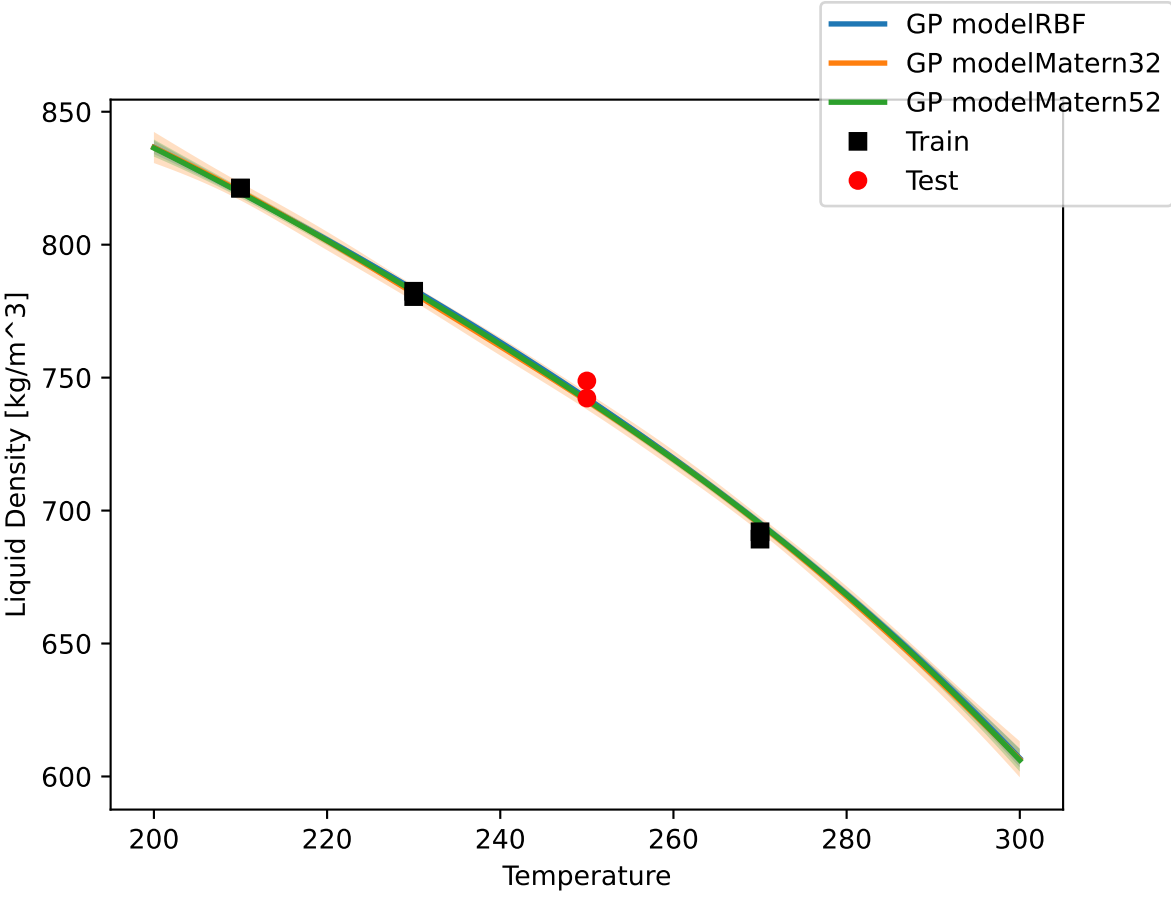

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

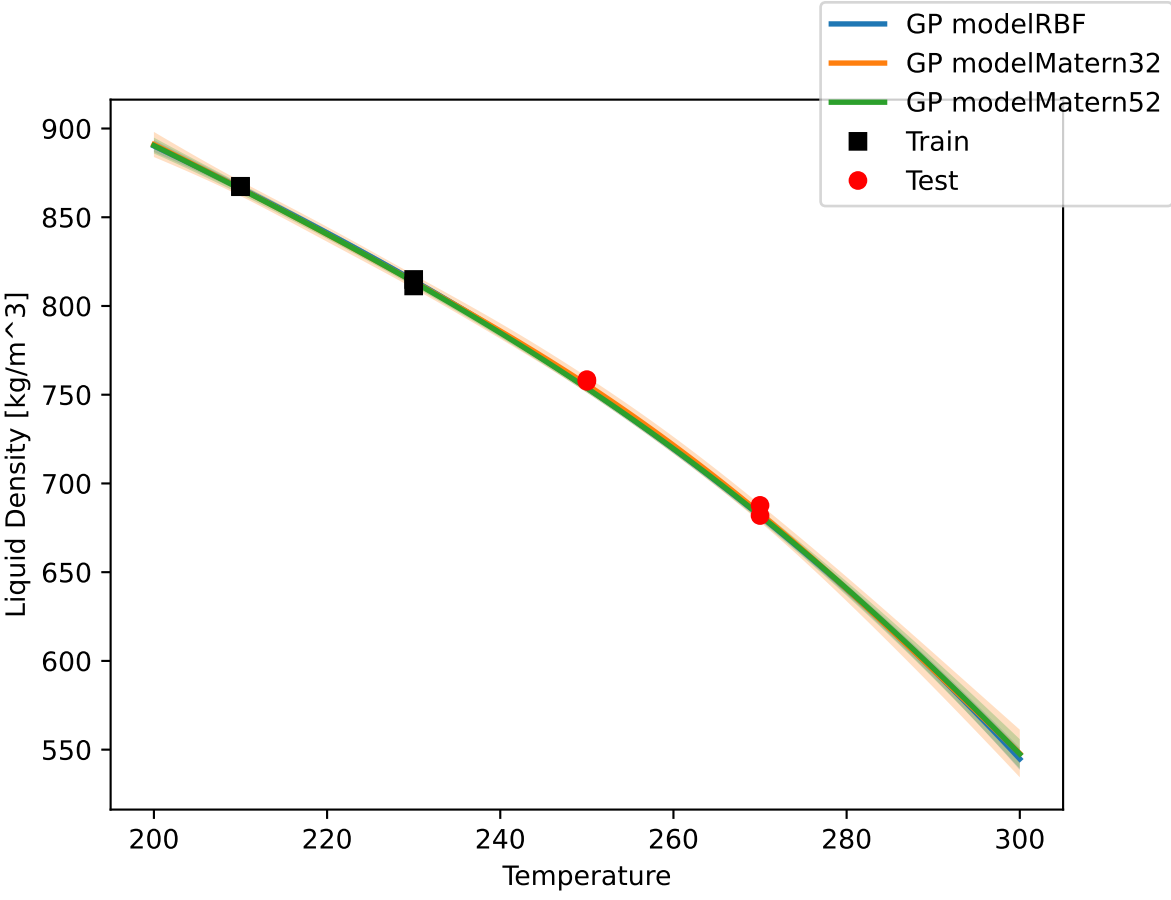

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

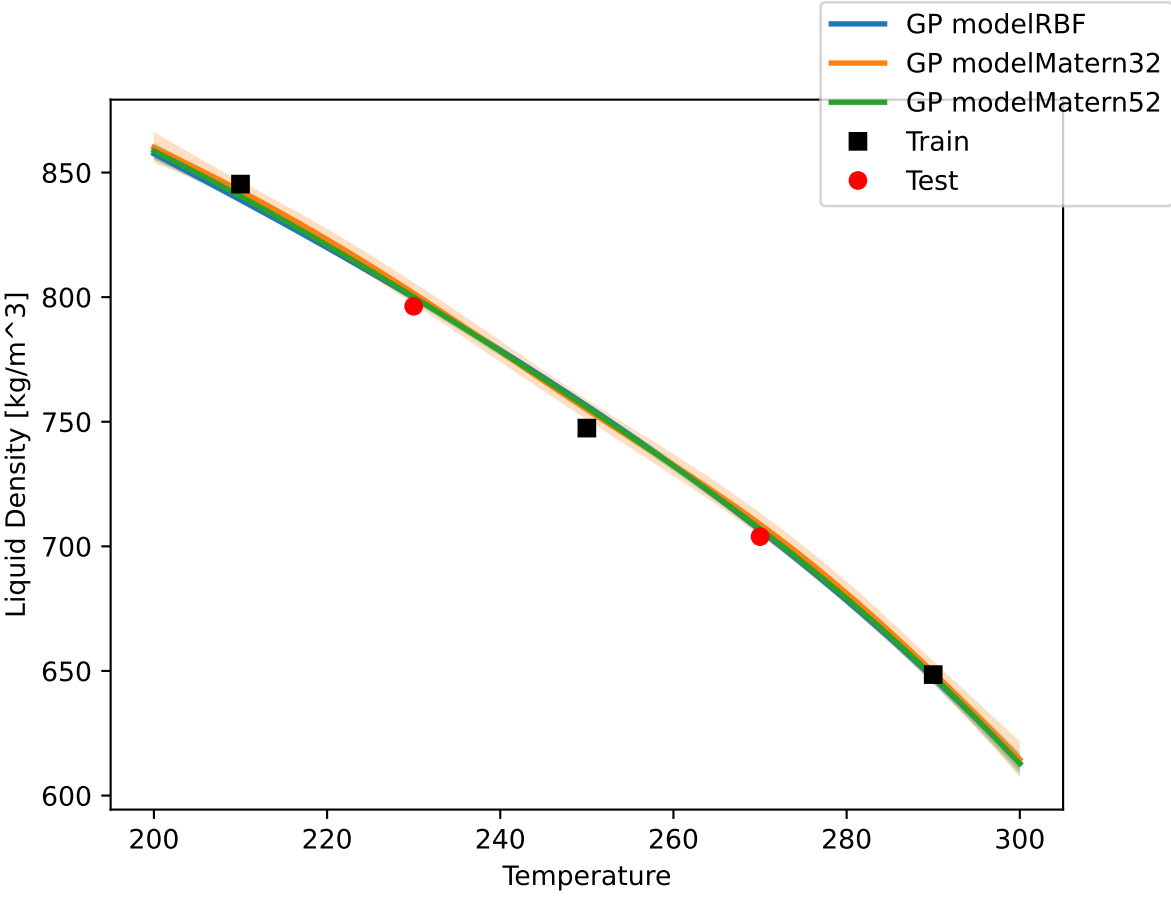

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

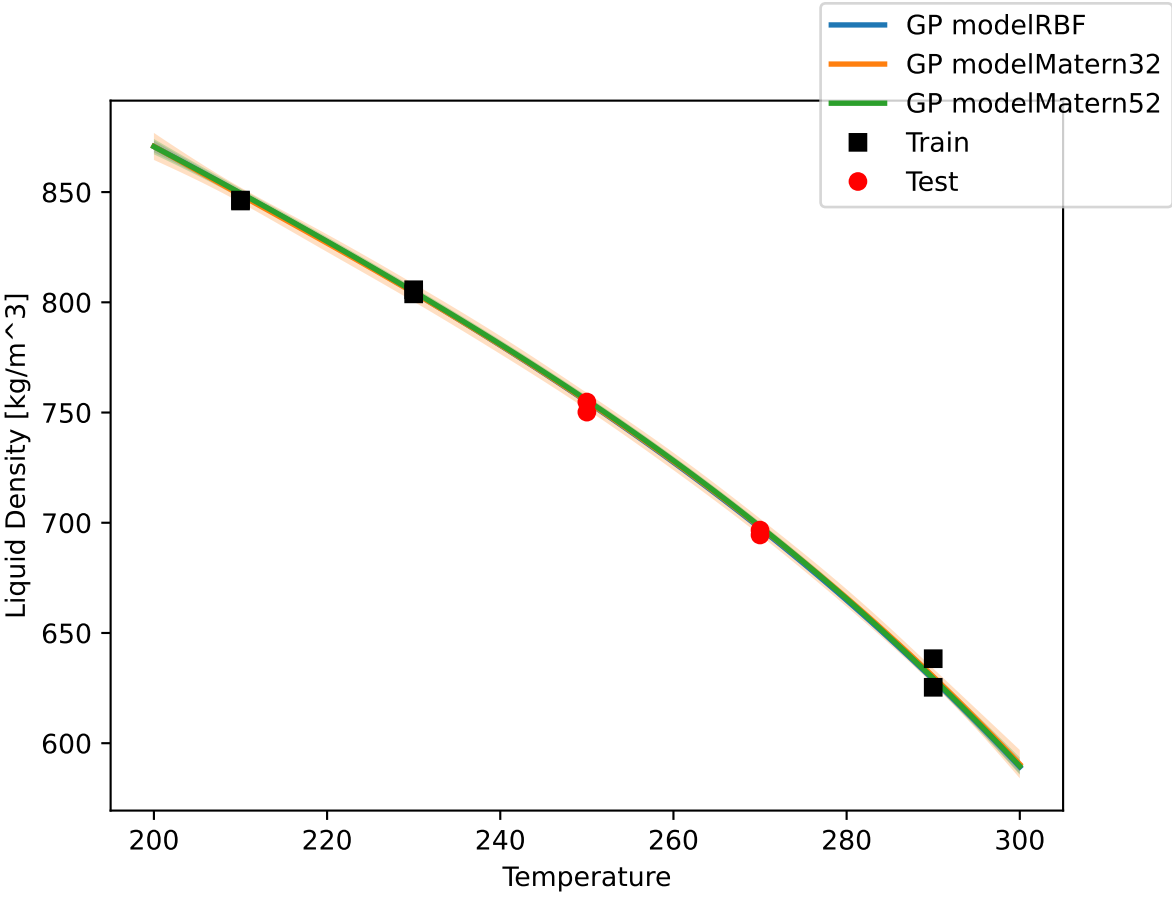

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

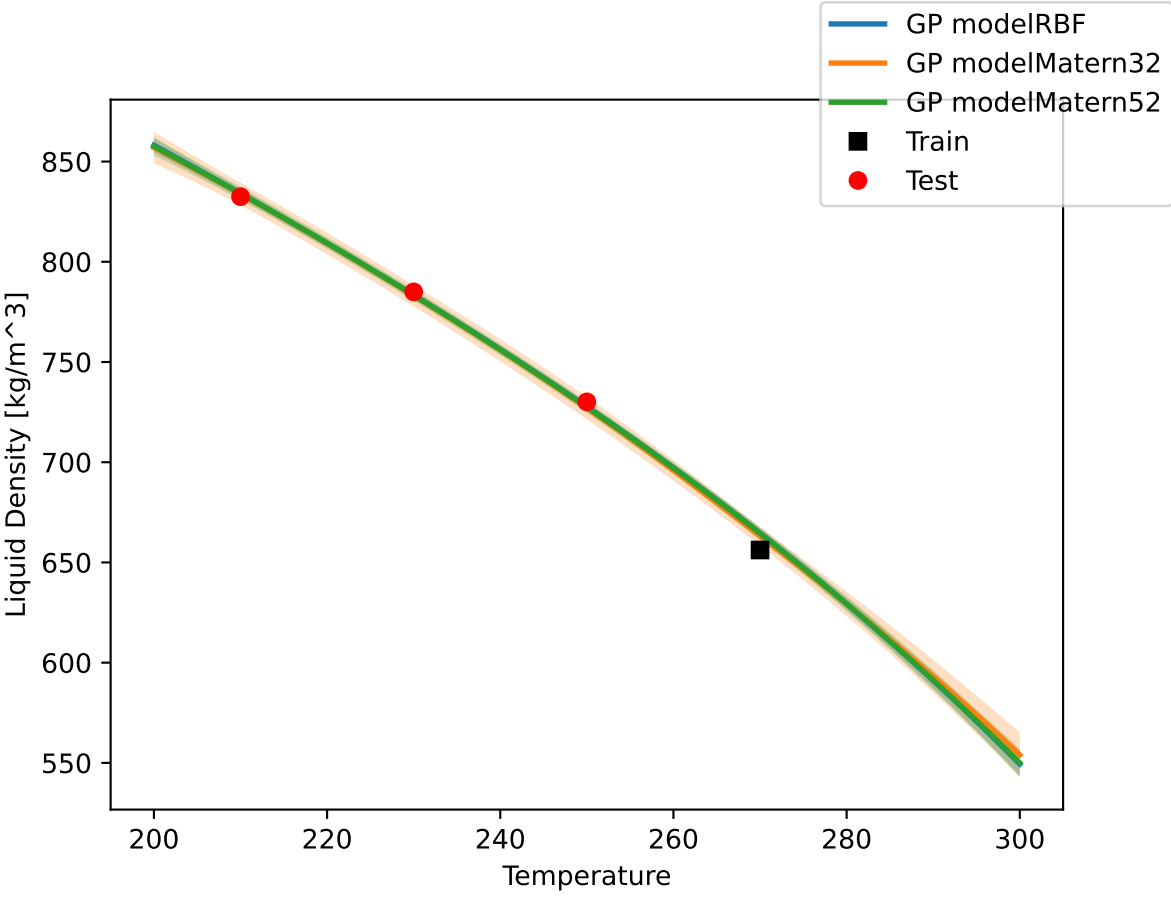

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

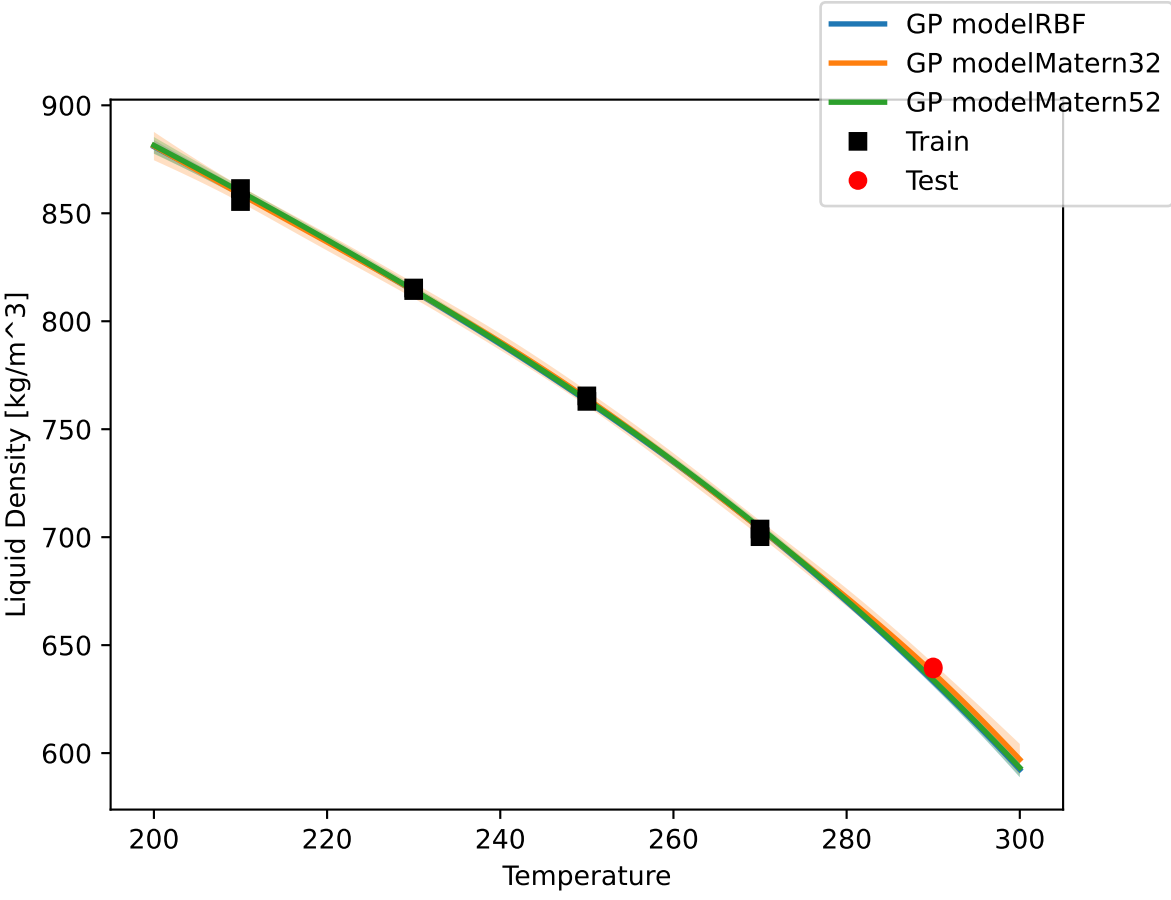

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

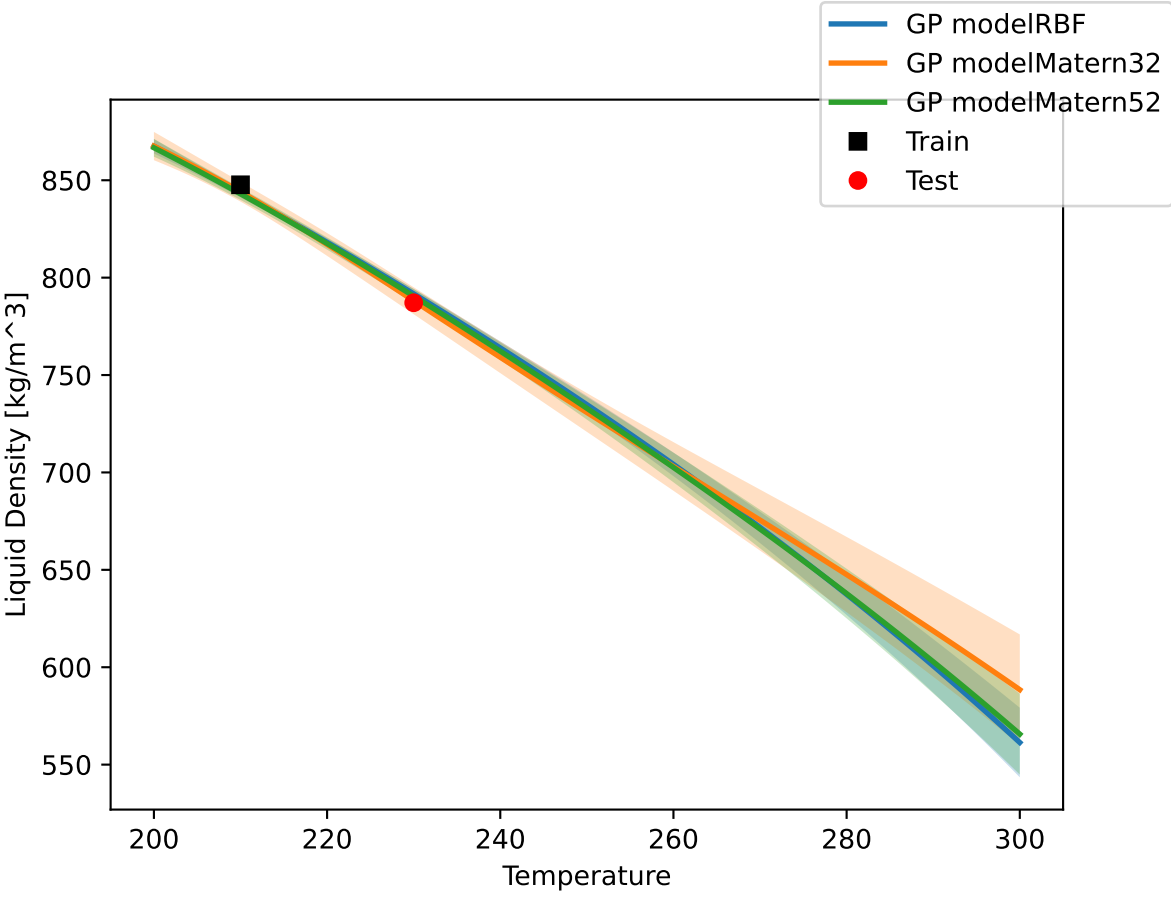

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

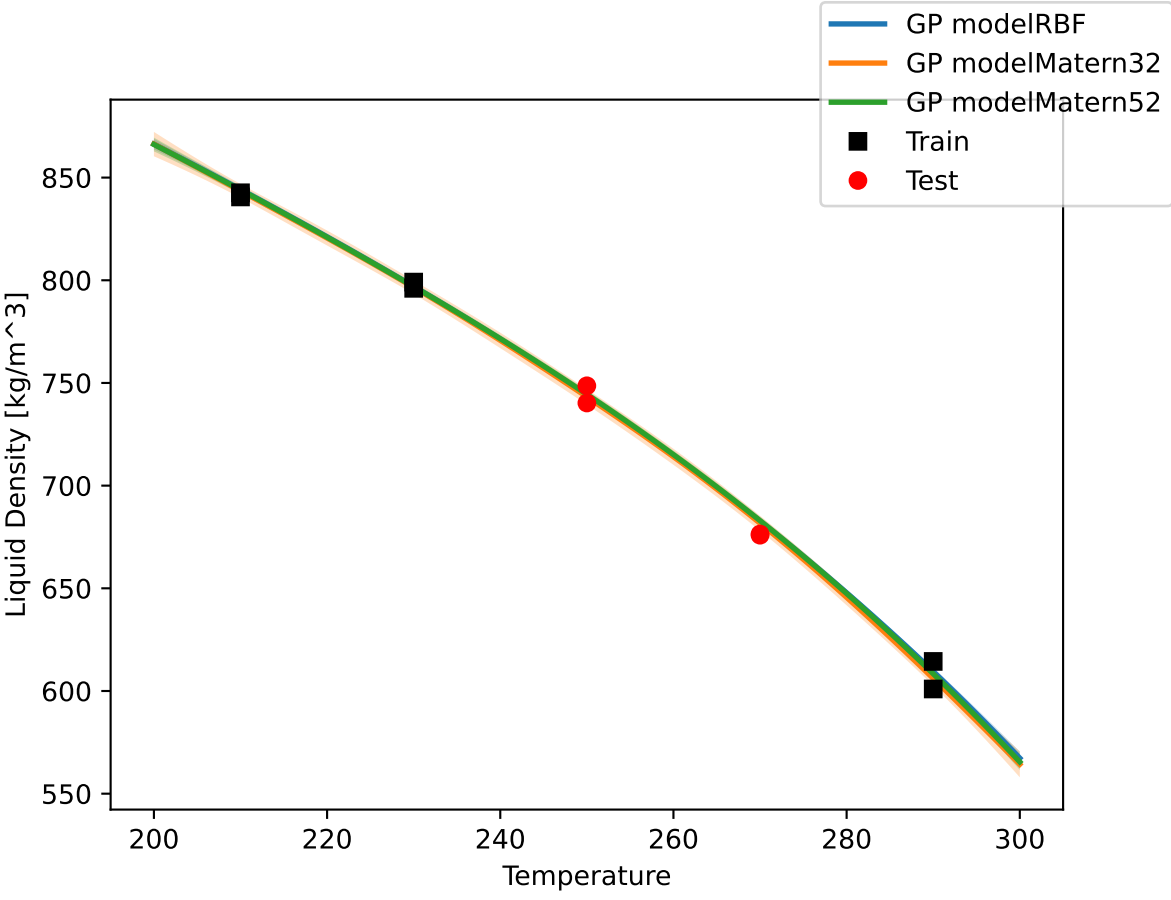

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

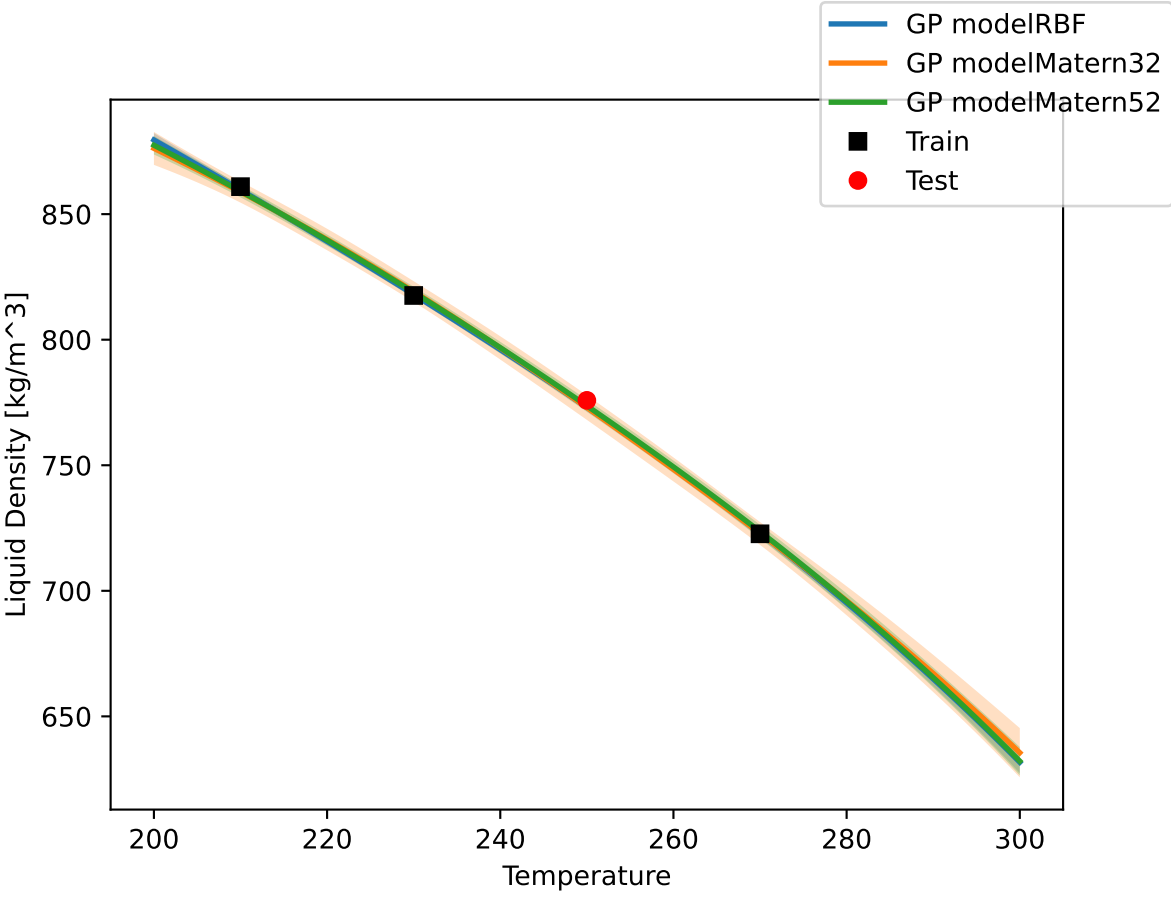

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

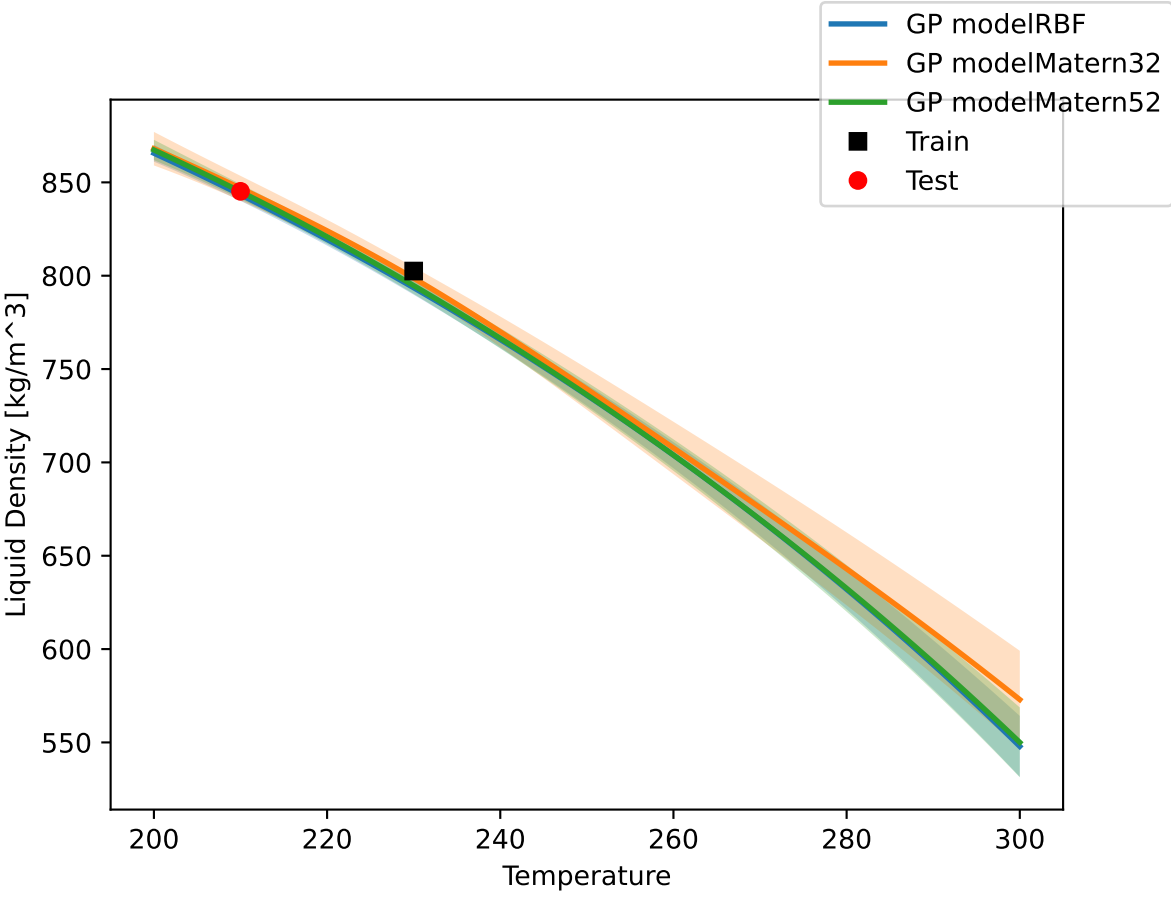

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

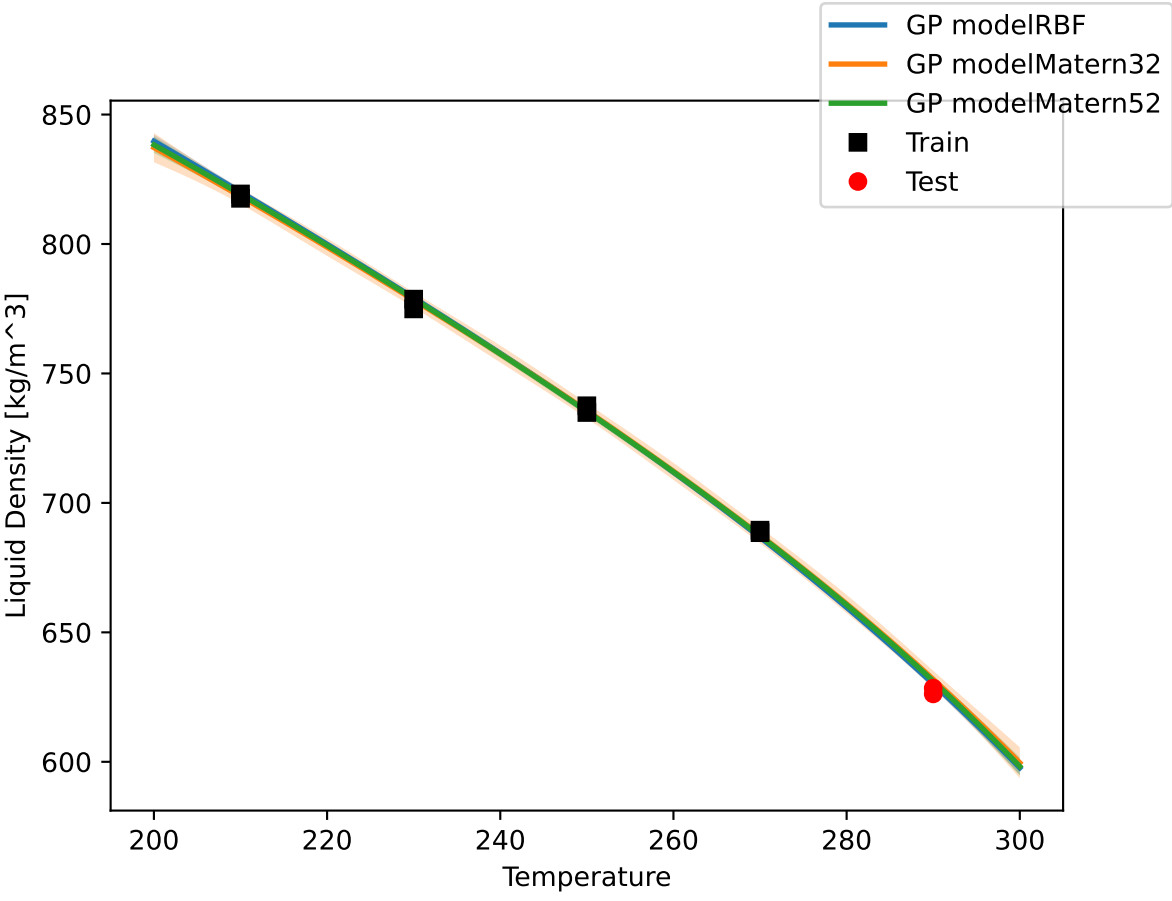

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

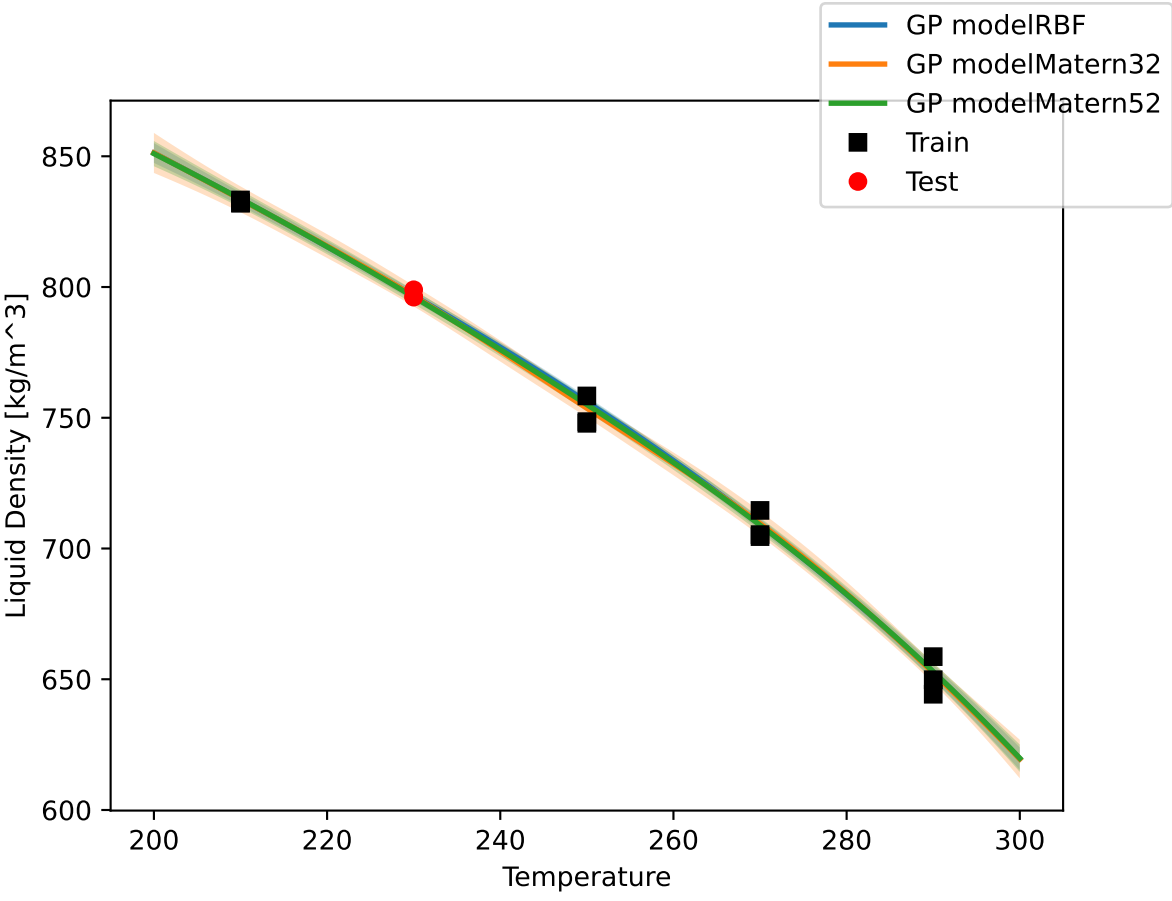

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

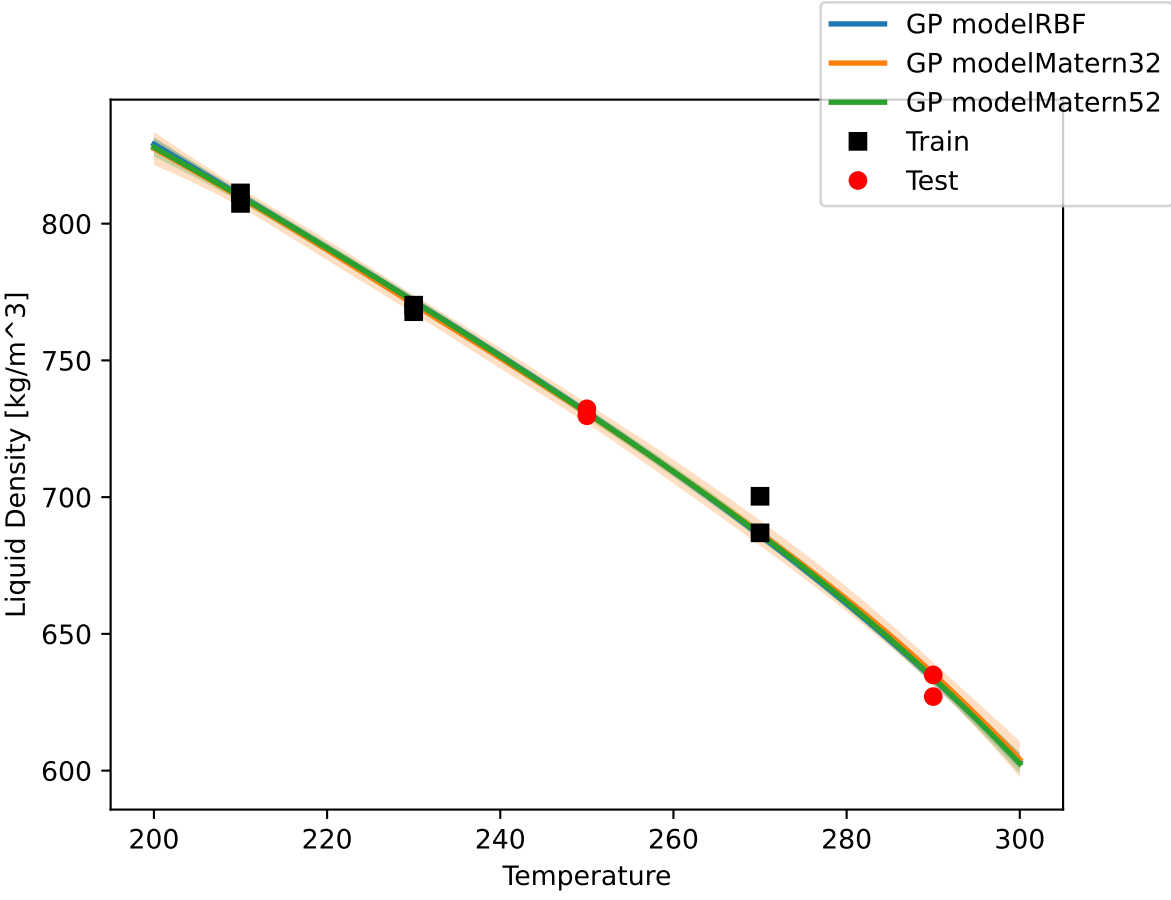

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

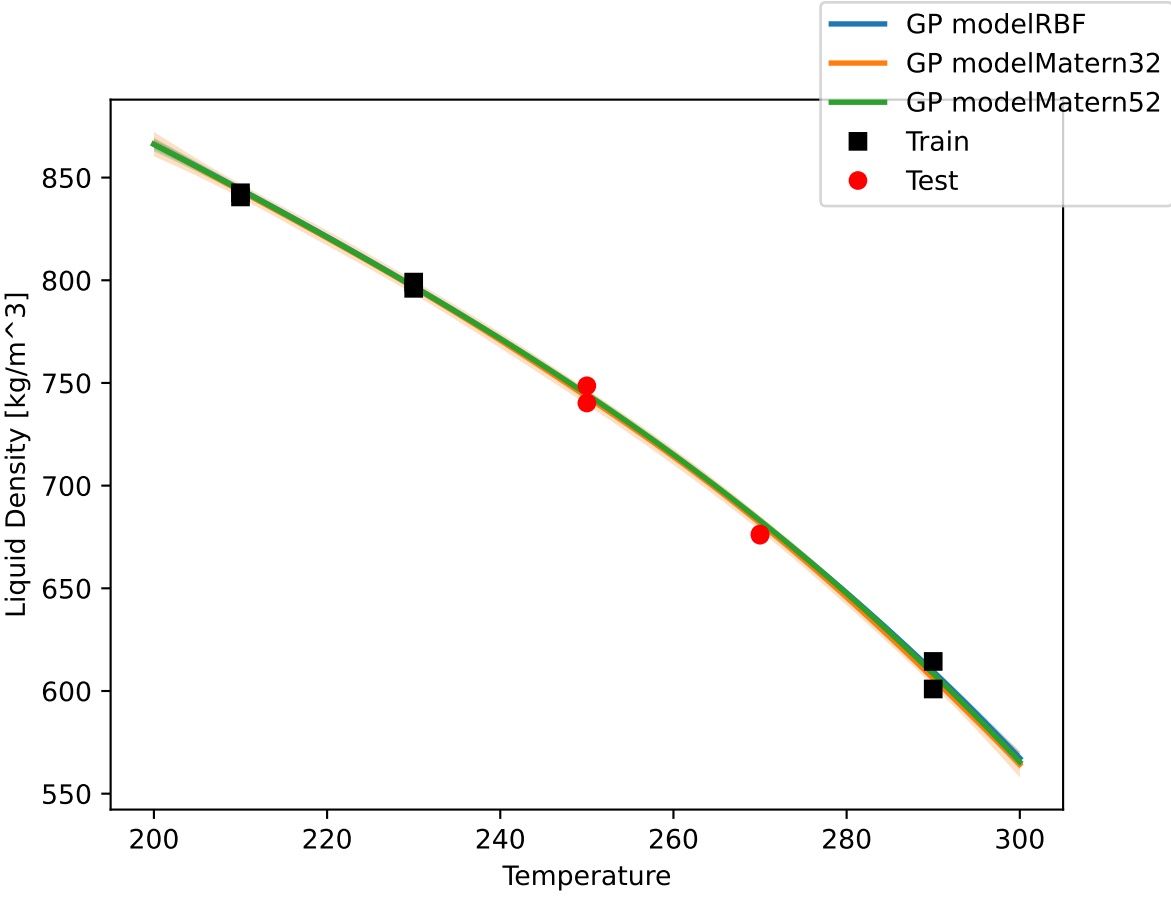

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

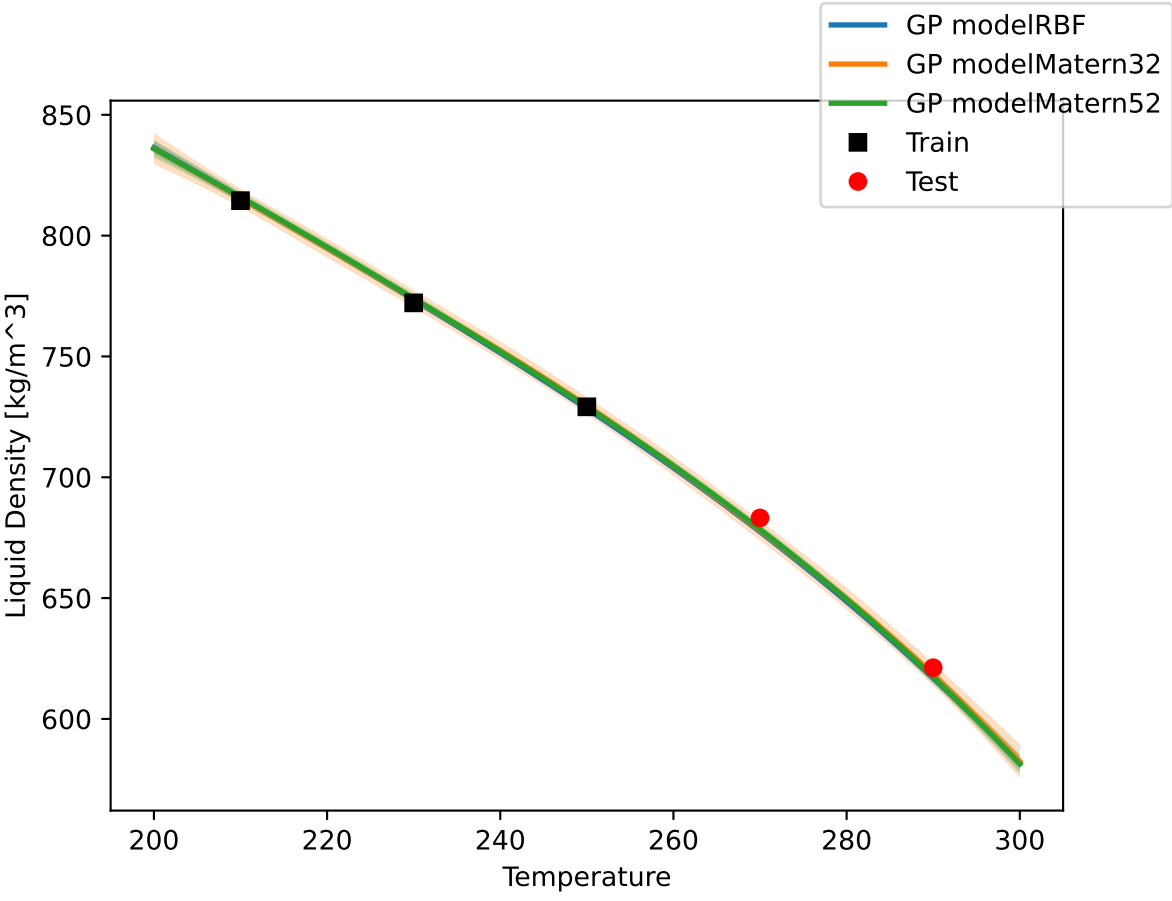

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

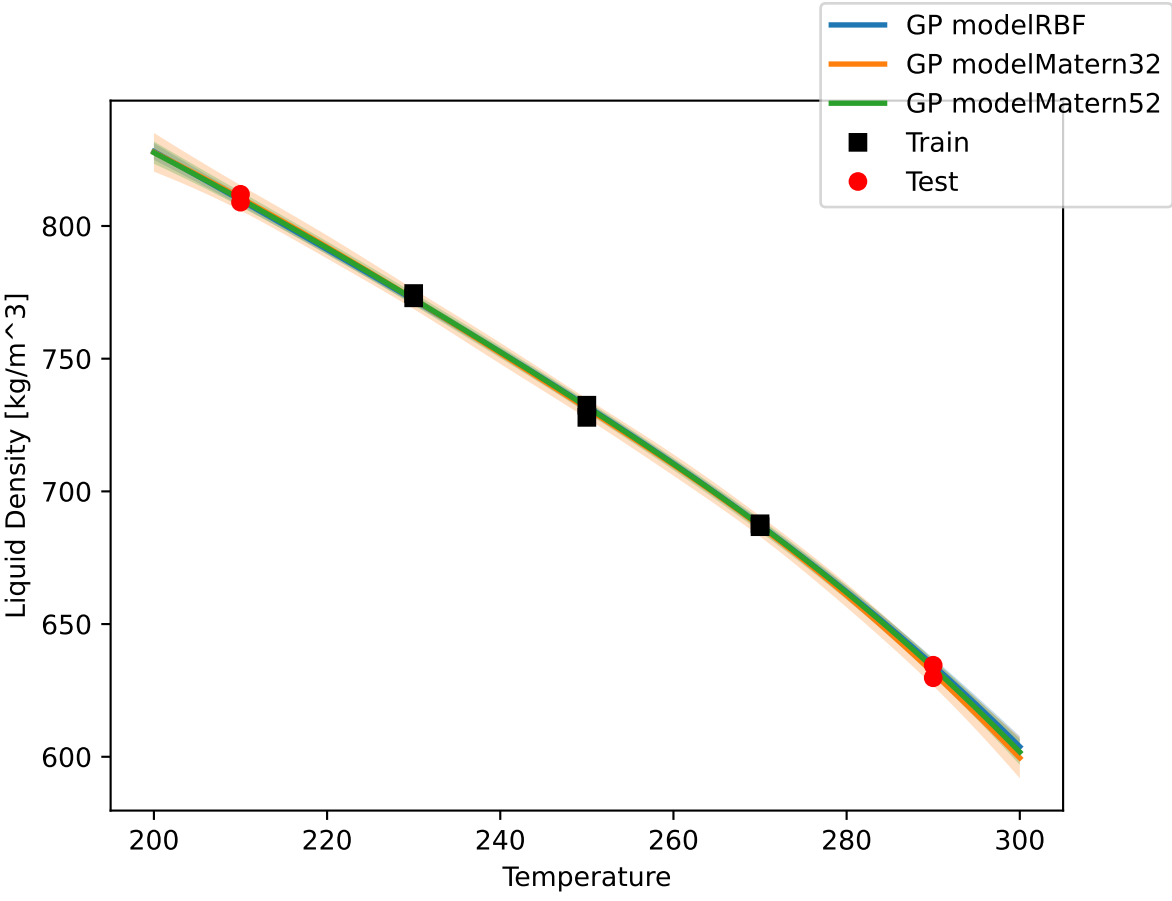

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

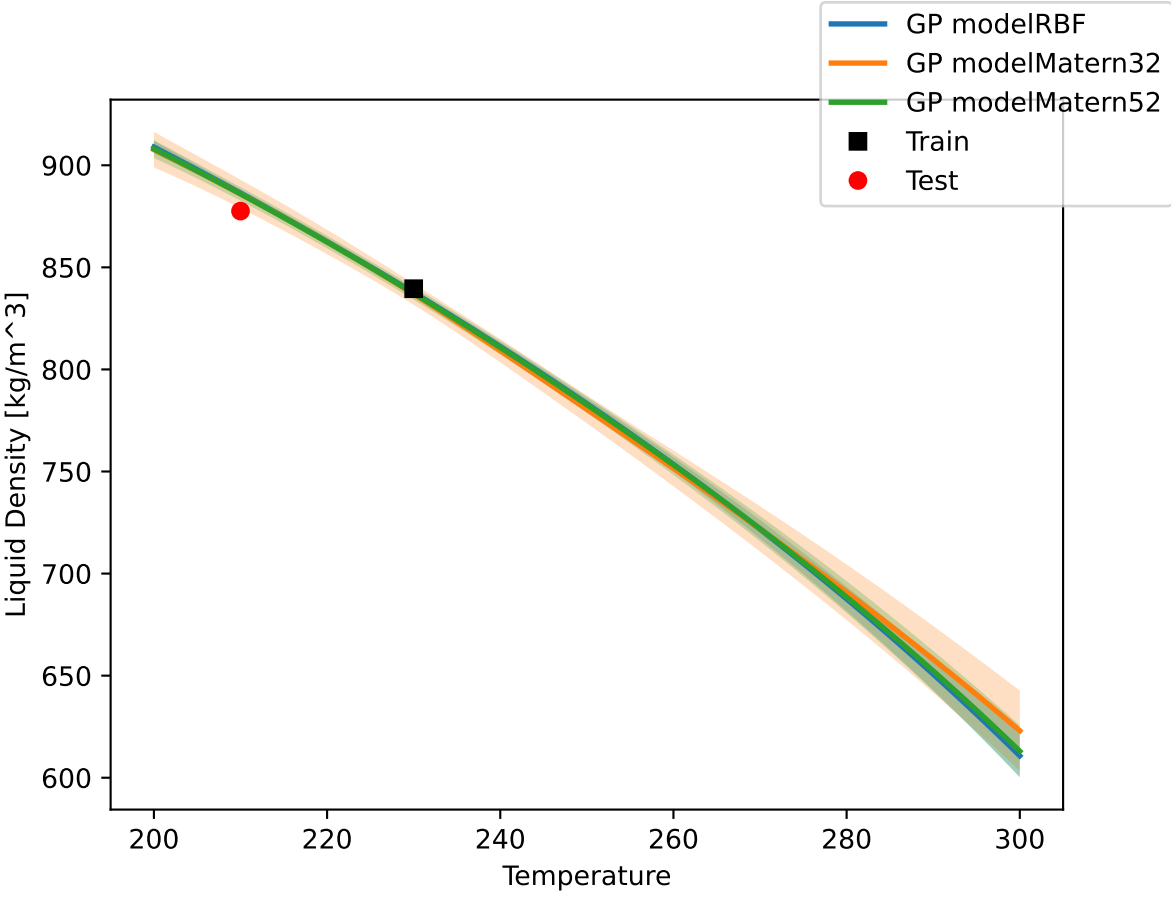

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

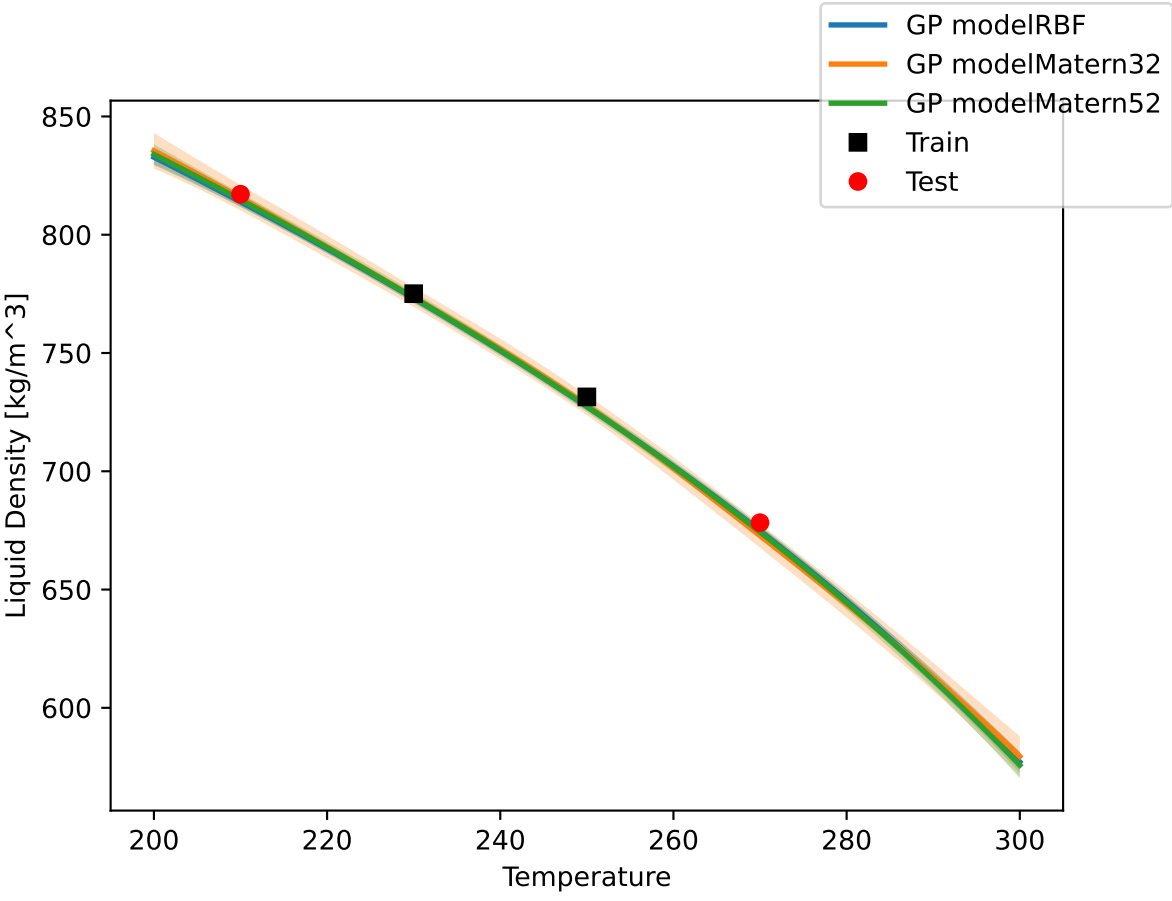

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

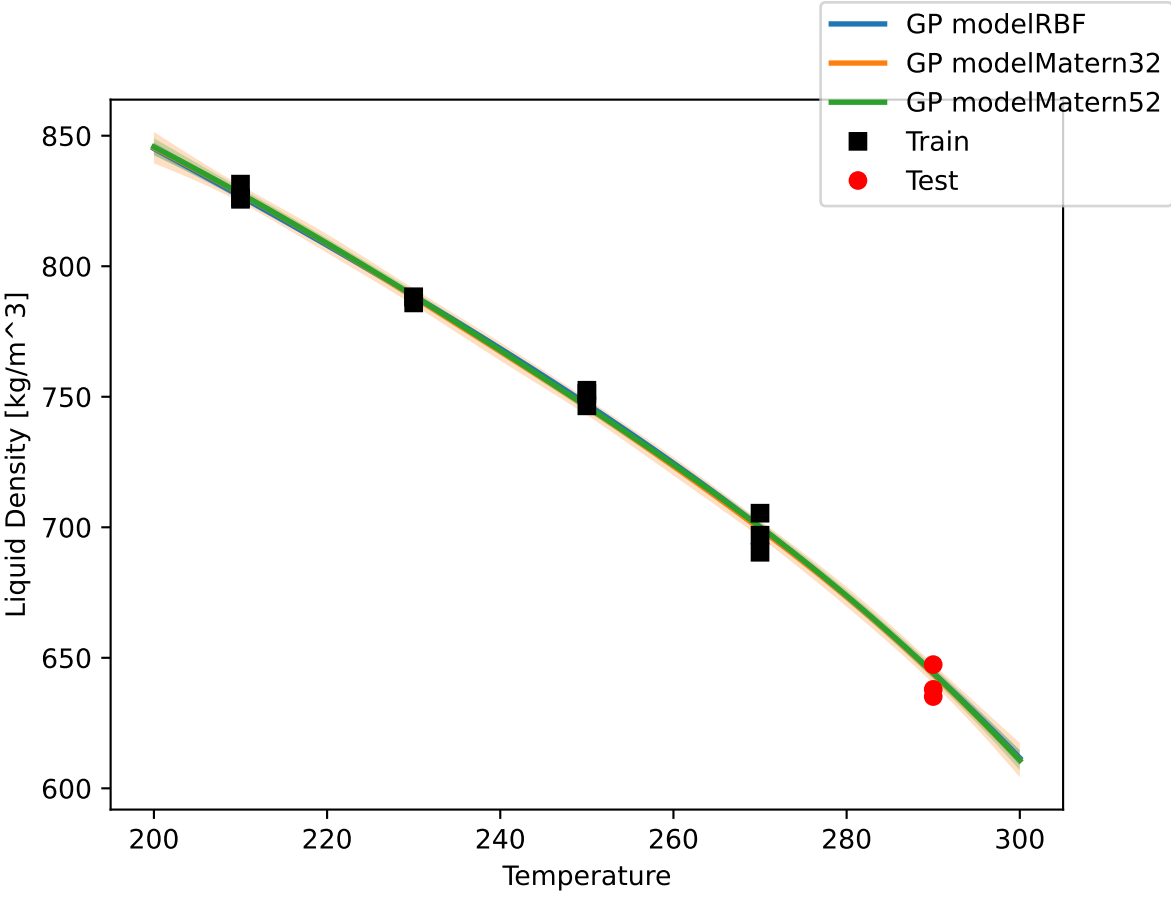

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

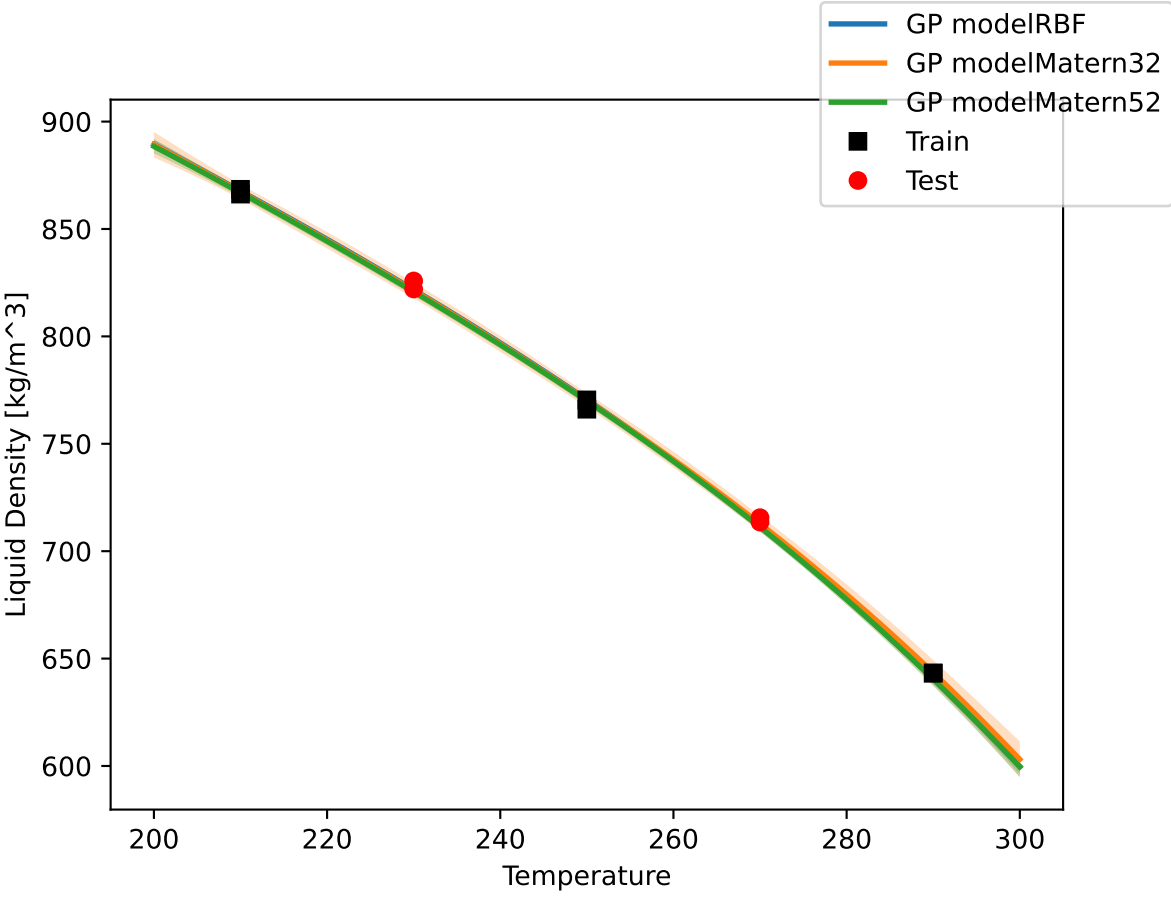

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

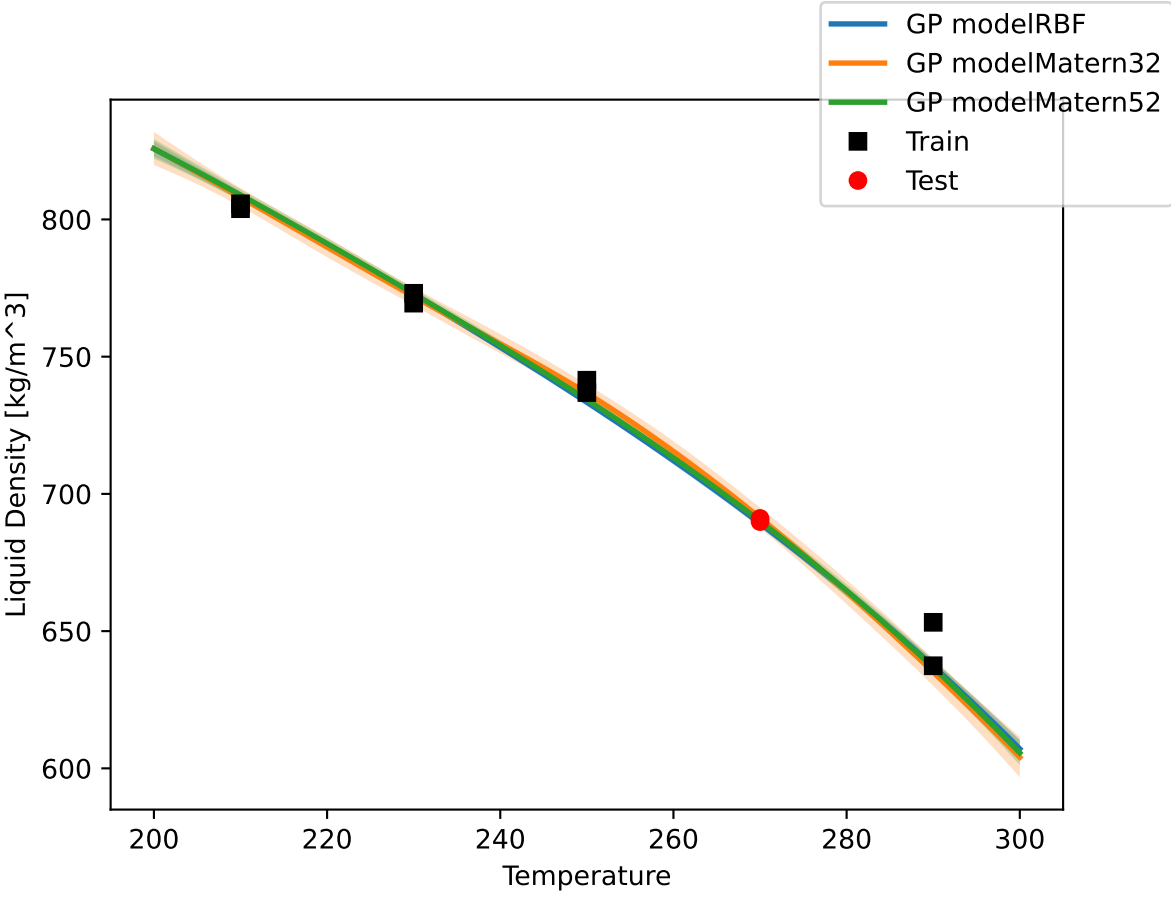

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

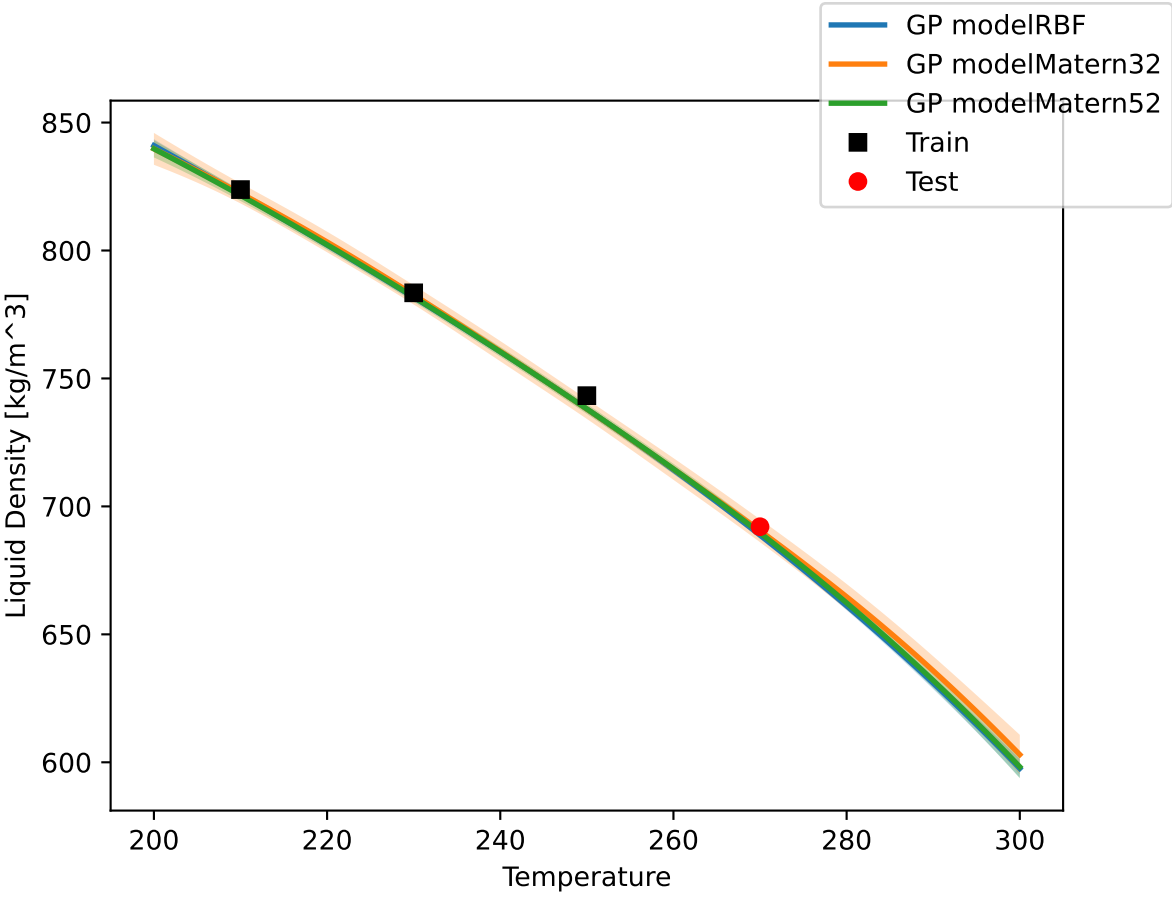

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

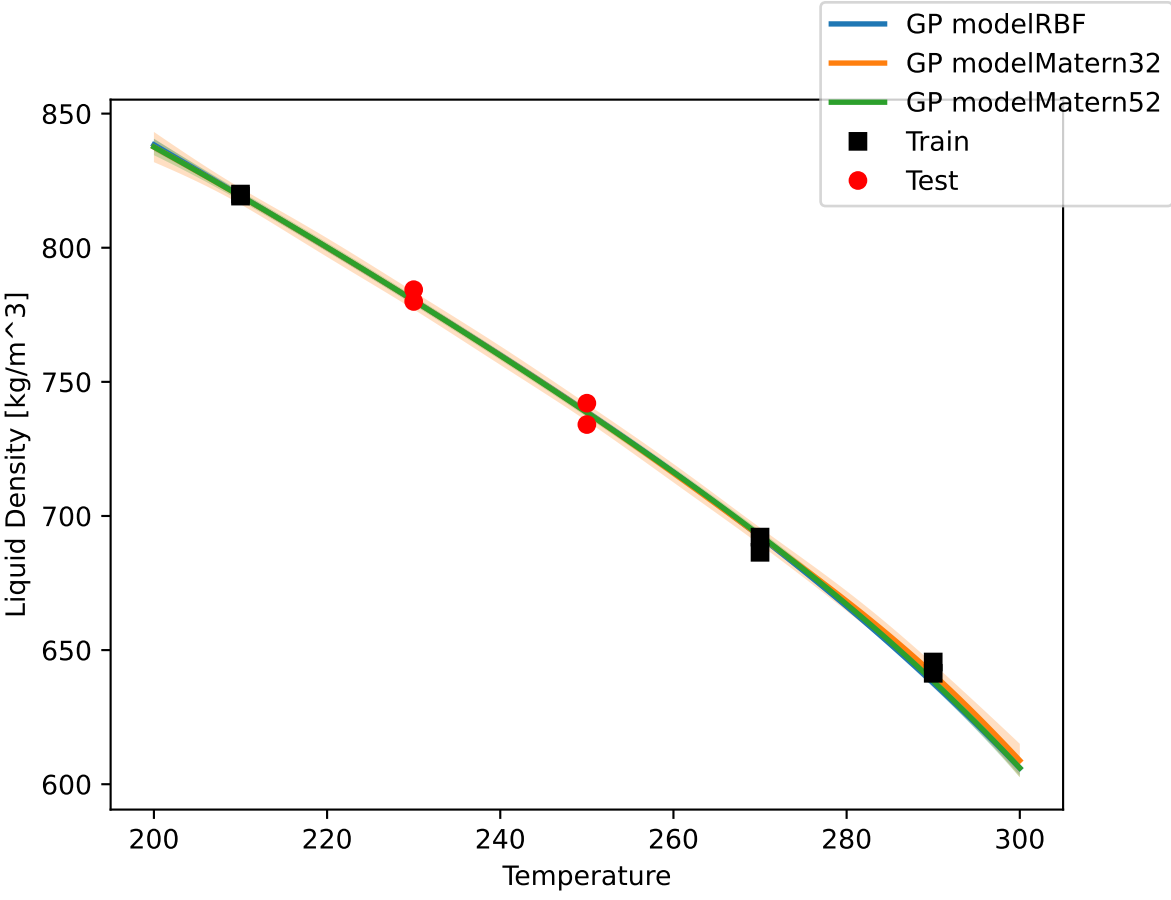

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

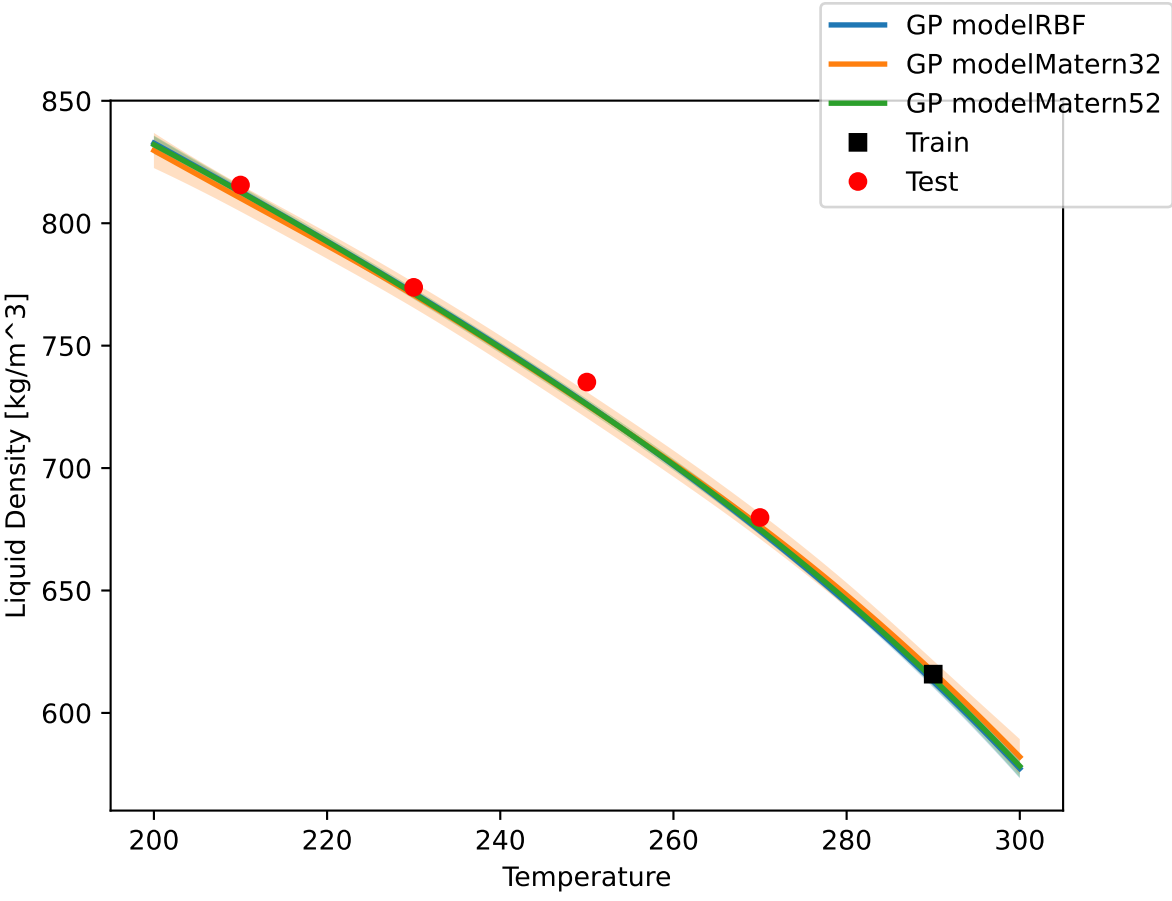

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

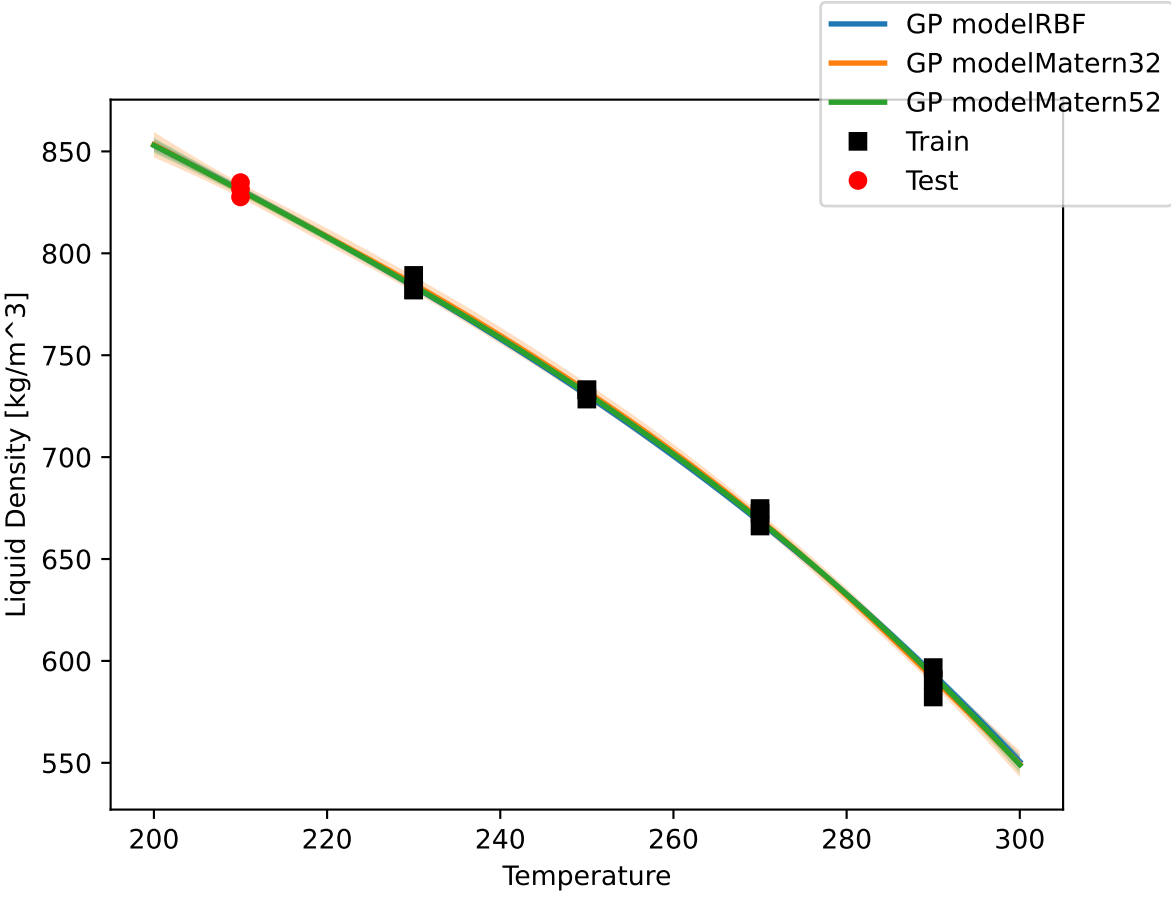

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

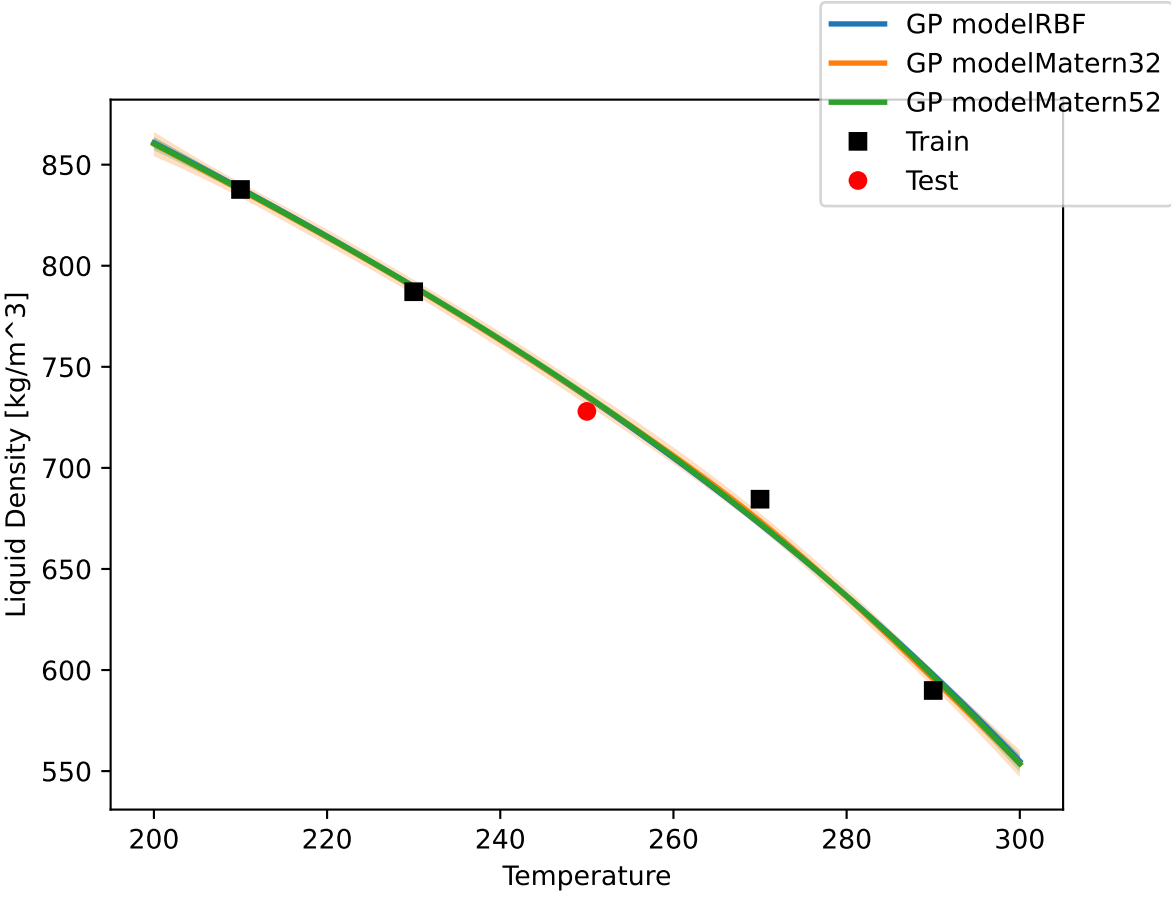

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

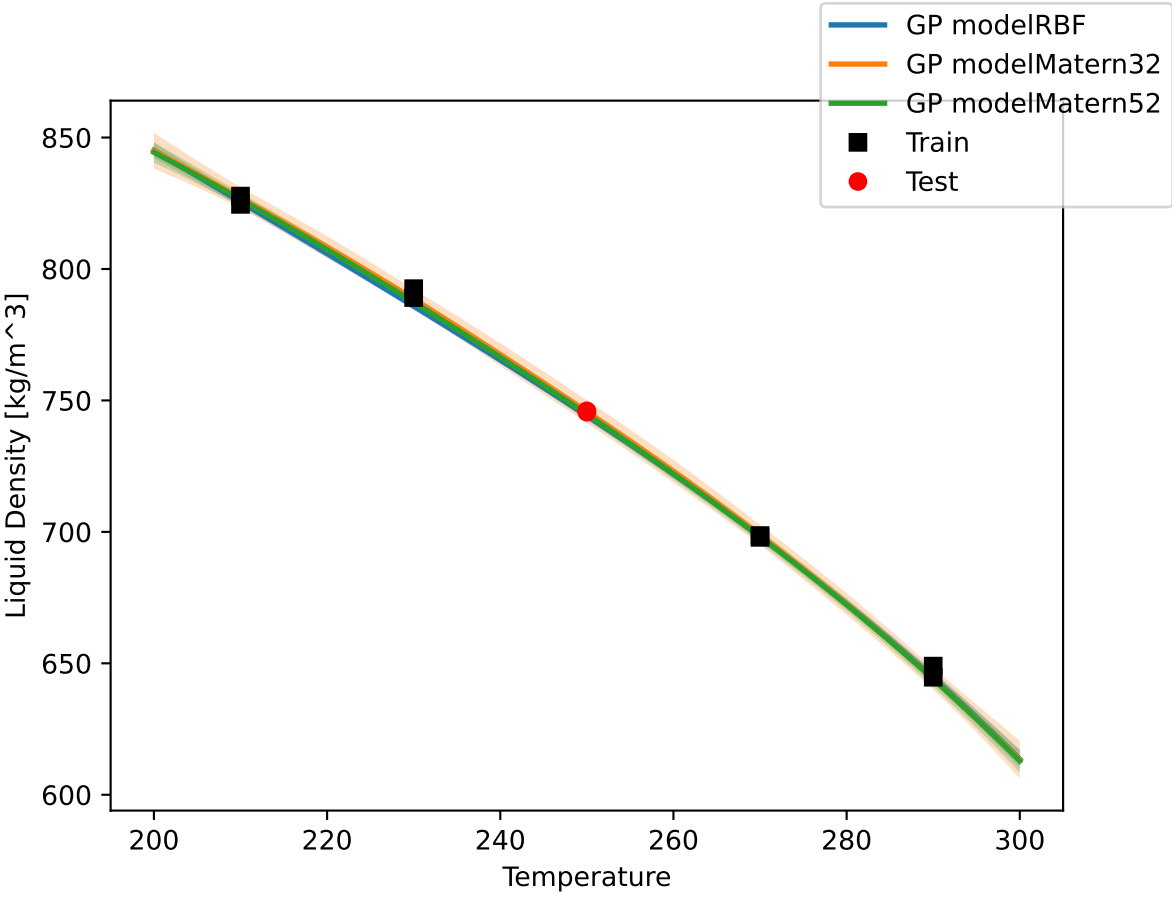

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

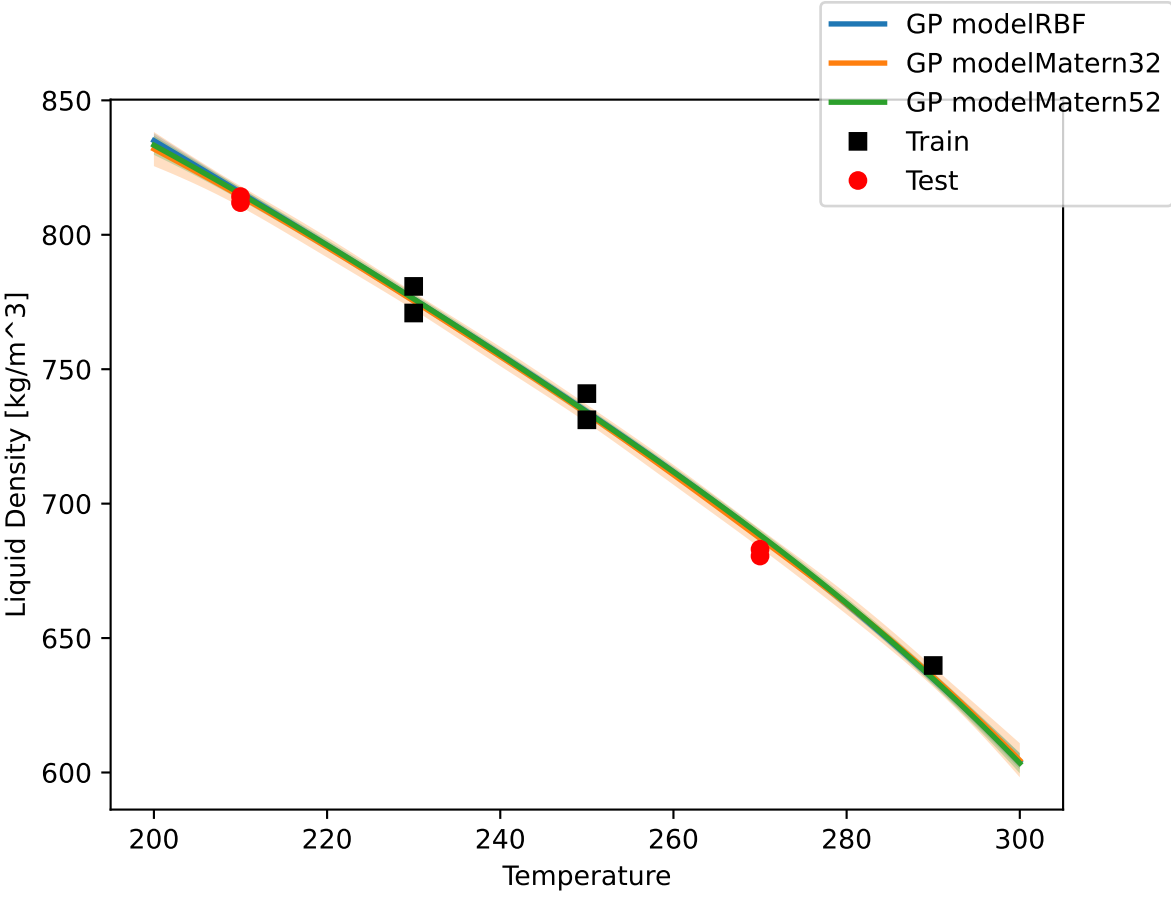

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

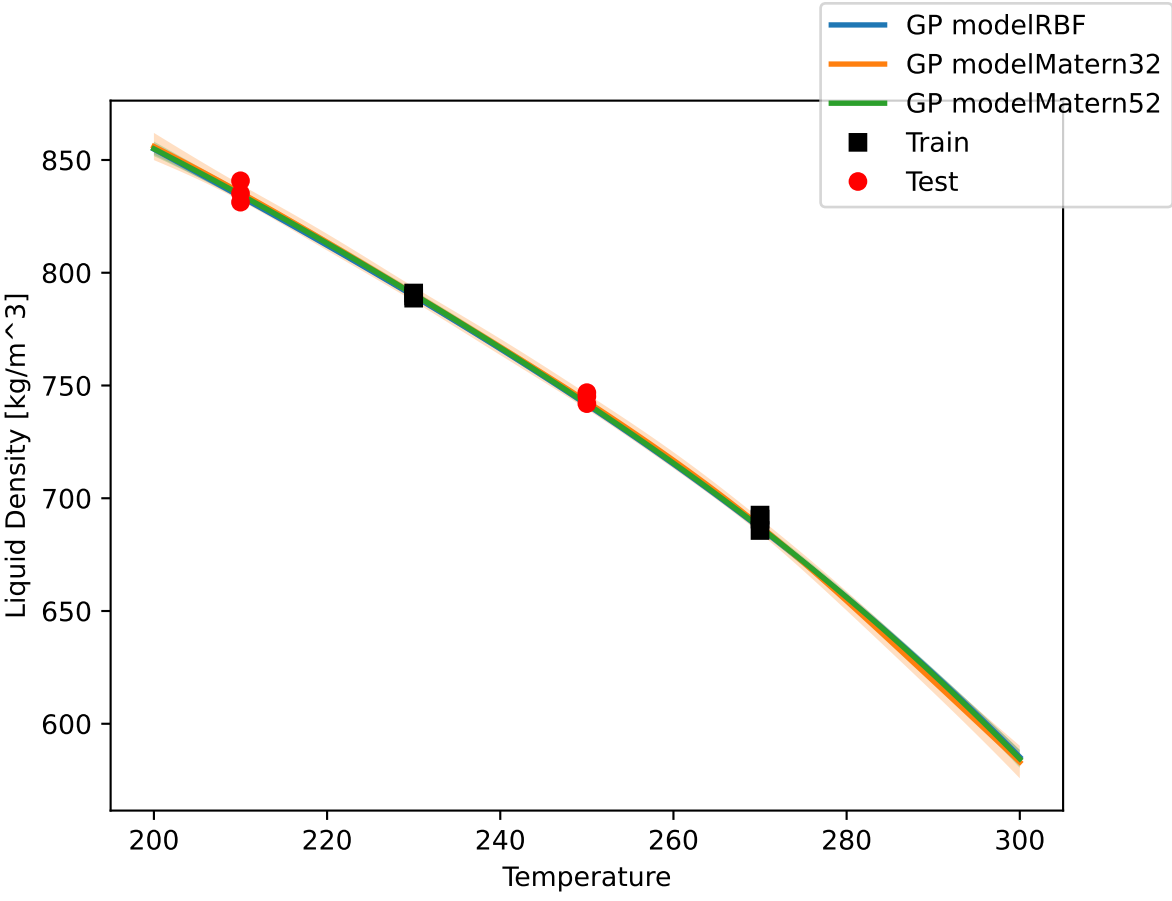

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

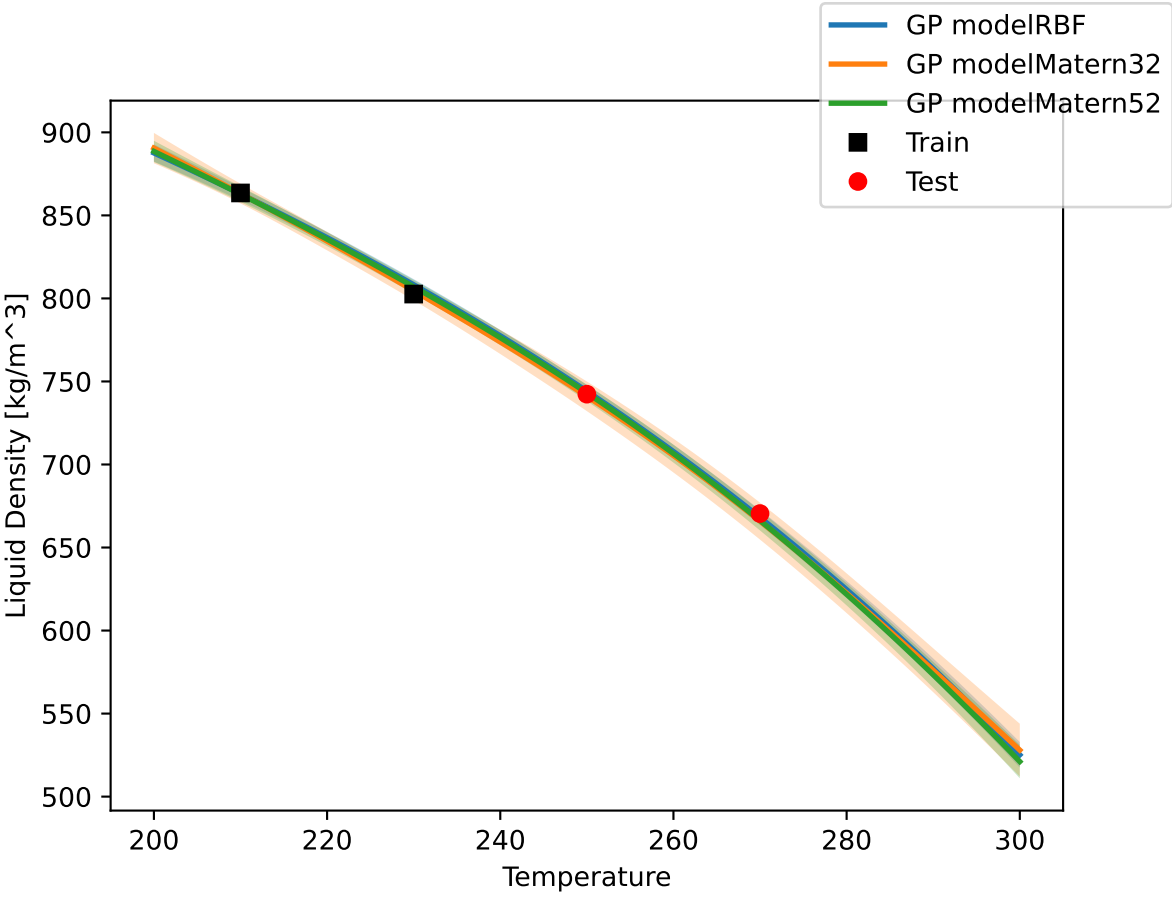

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

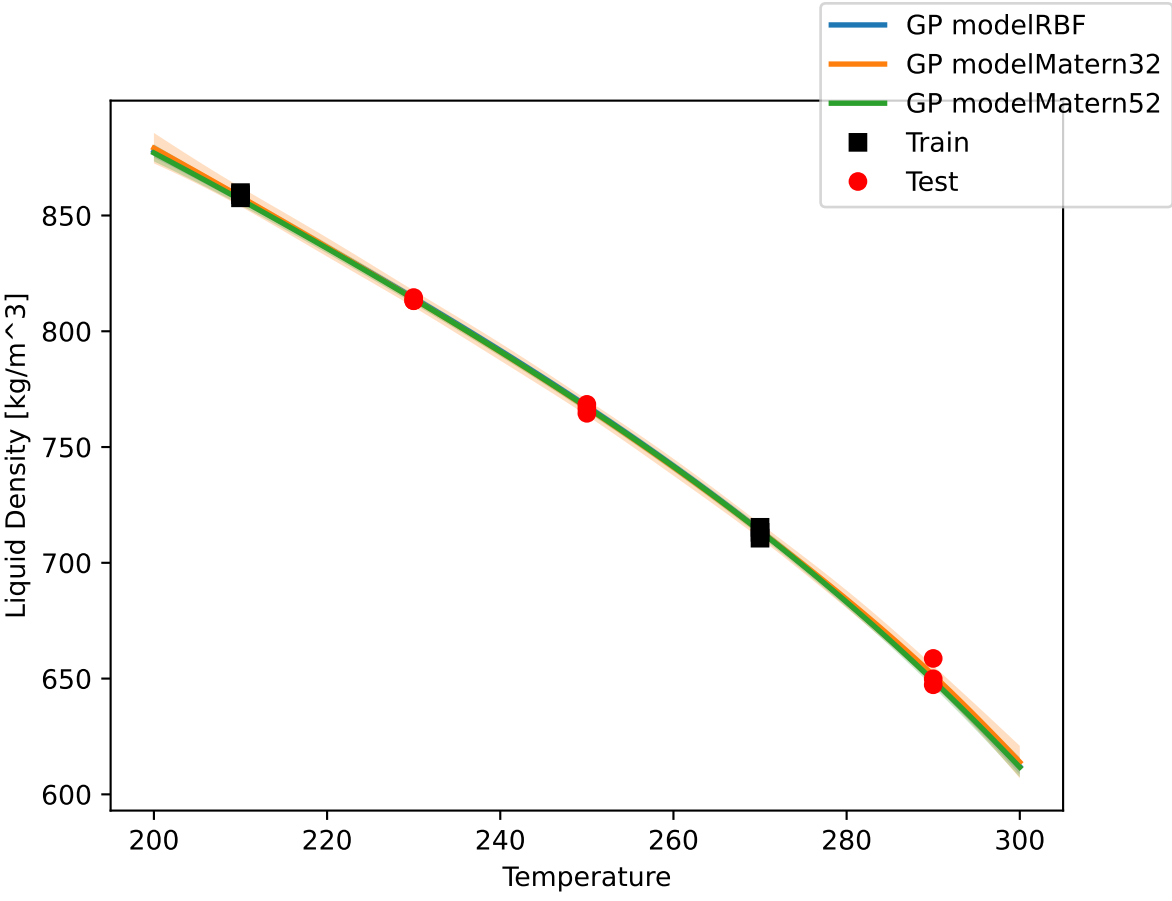

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

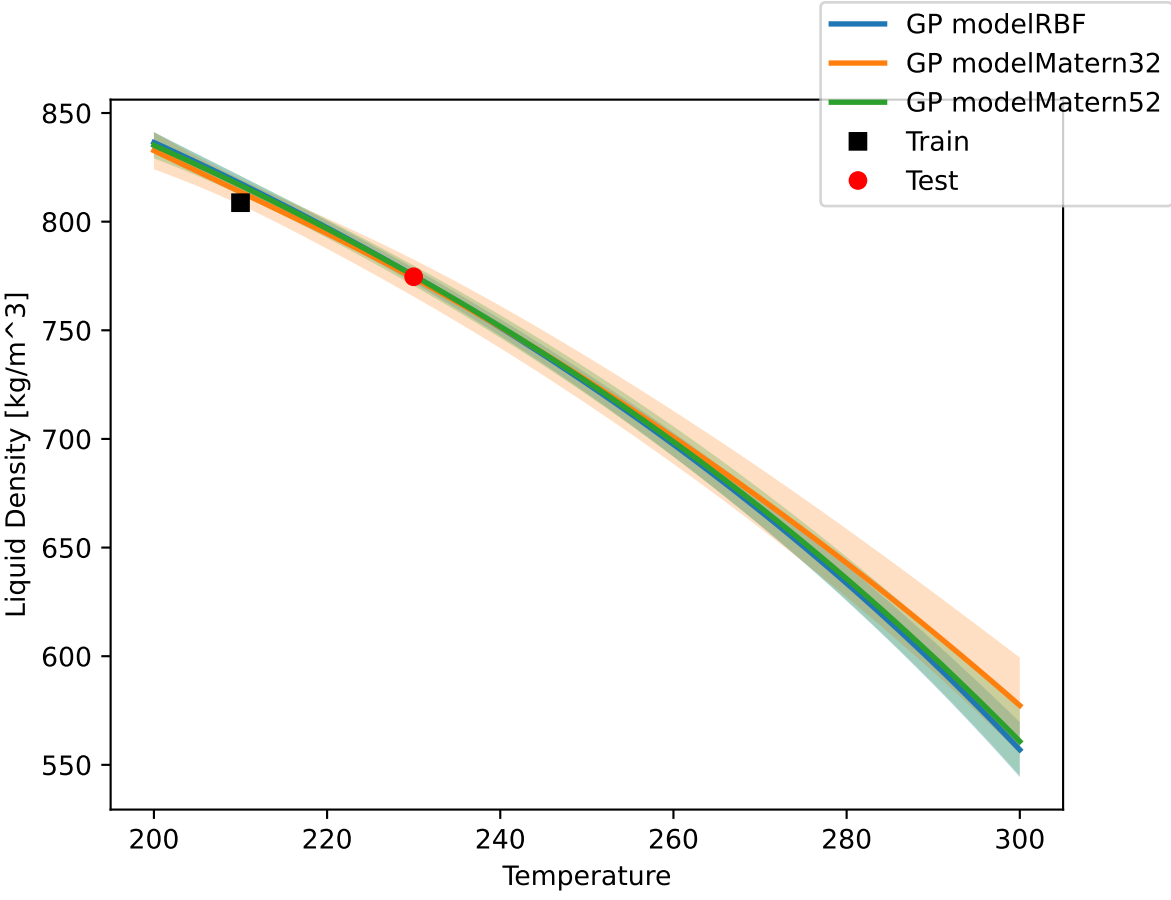

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

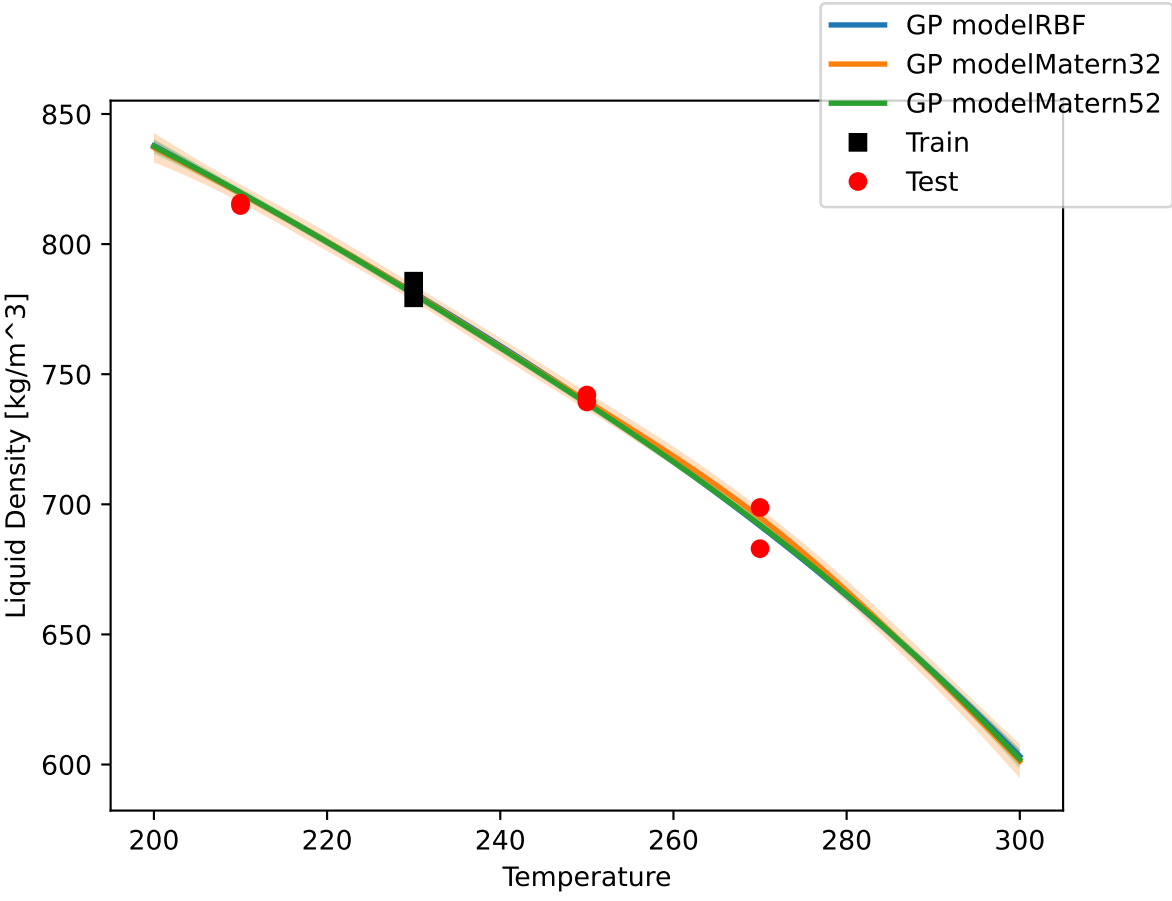

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

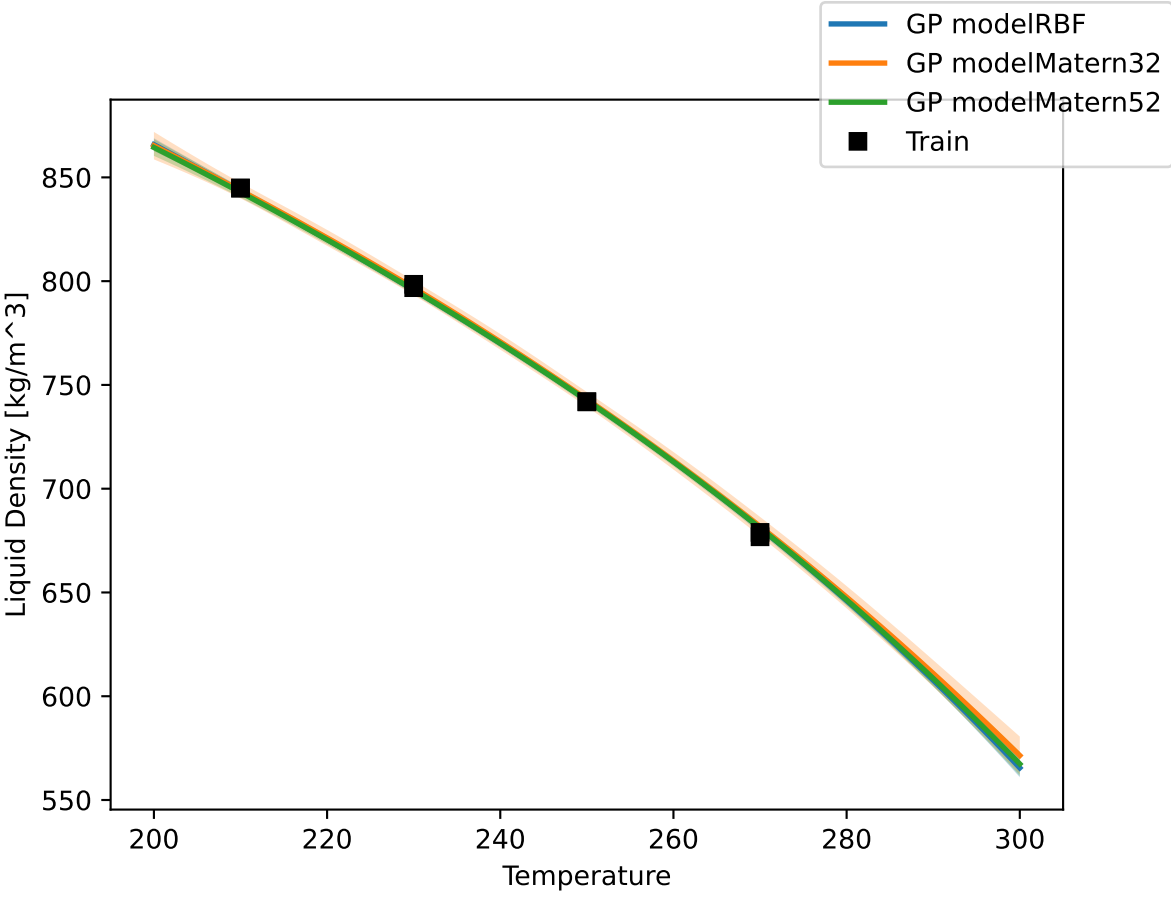

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

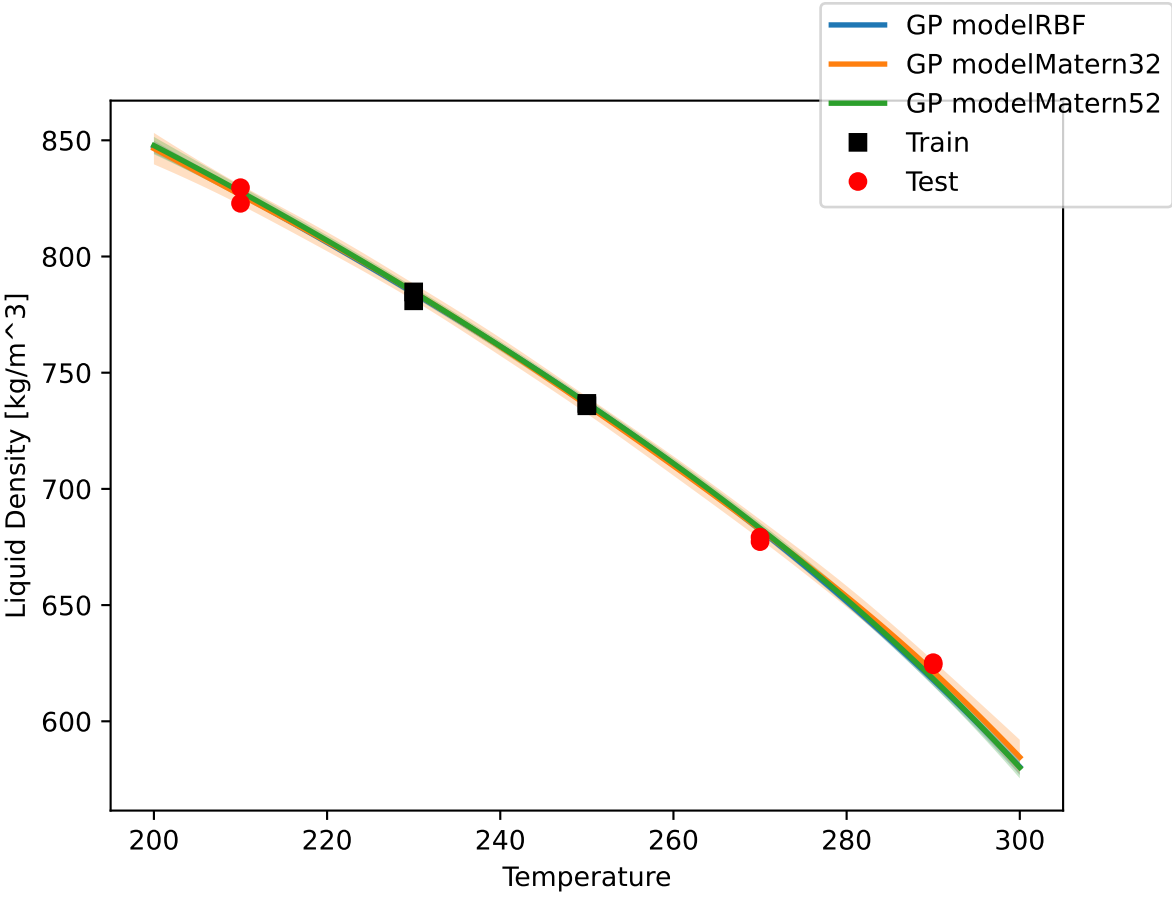

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
500
200
220
240
260
280
300
Temperature

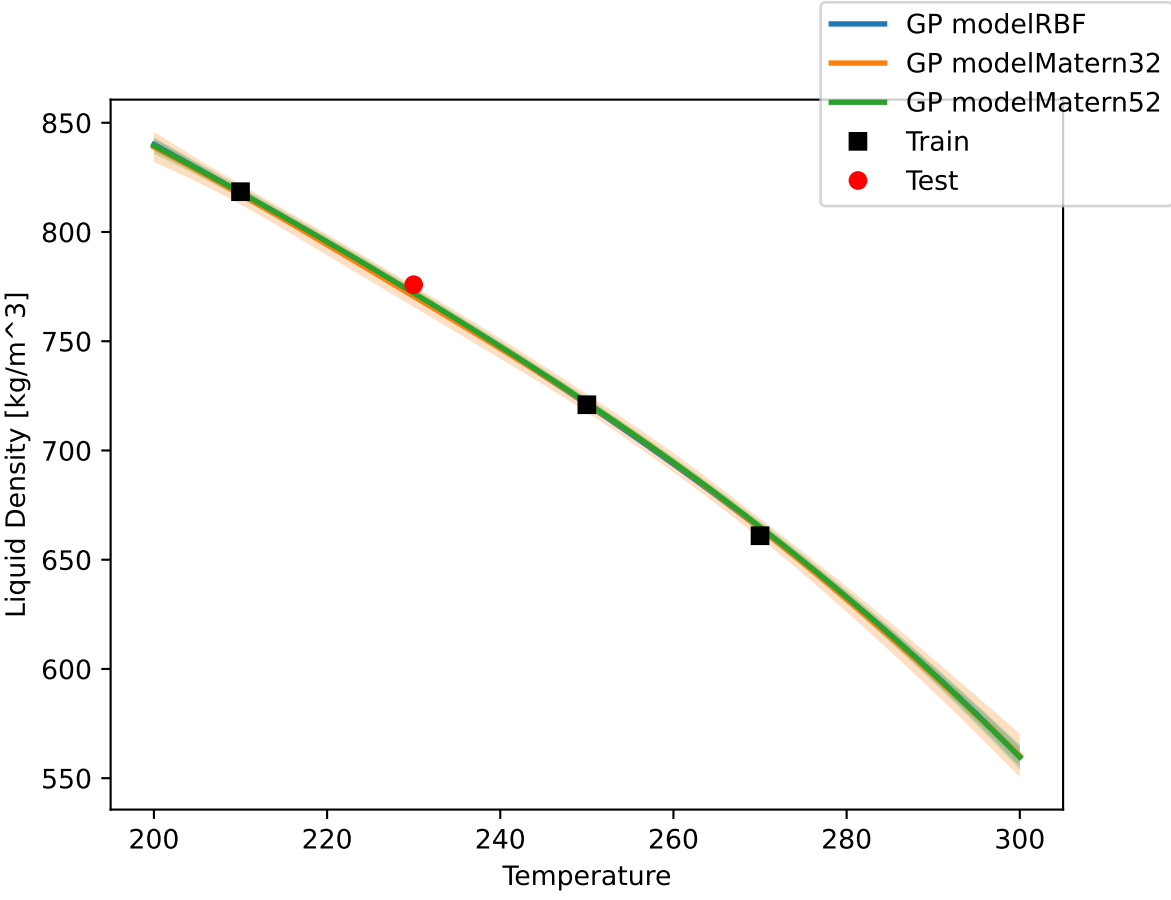

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

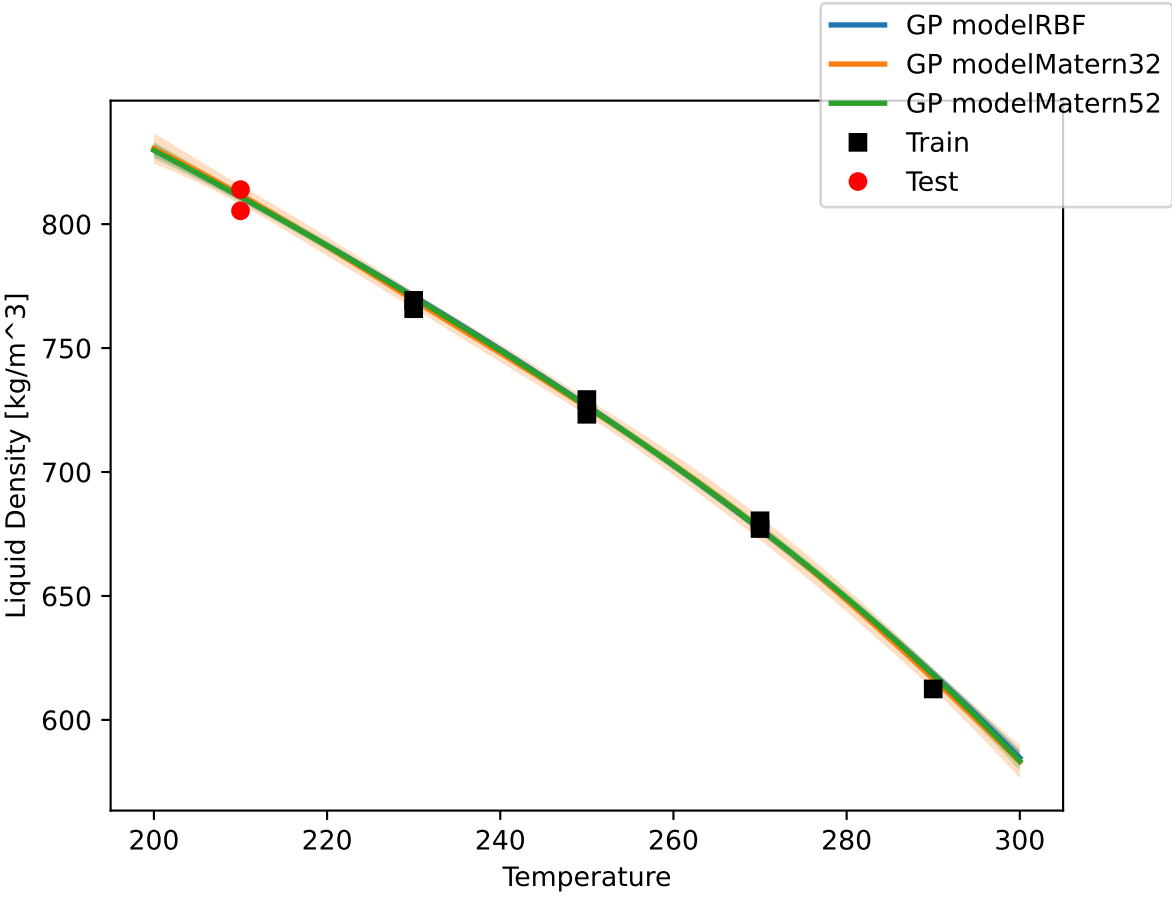

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

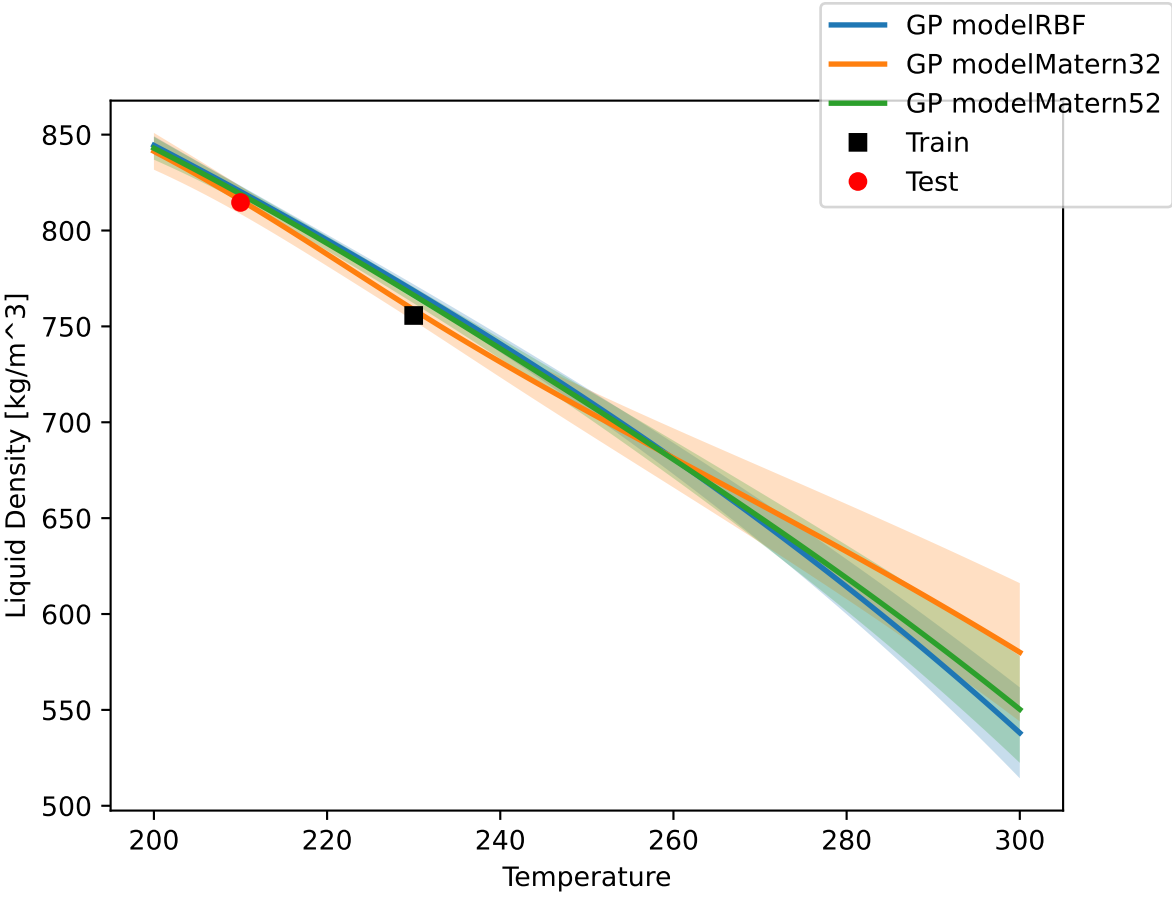

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

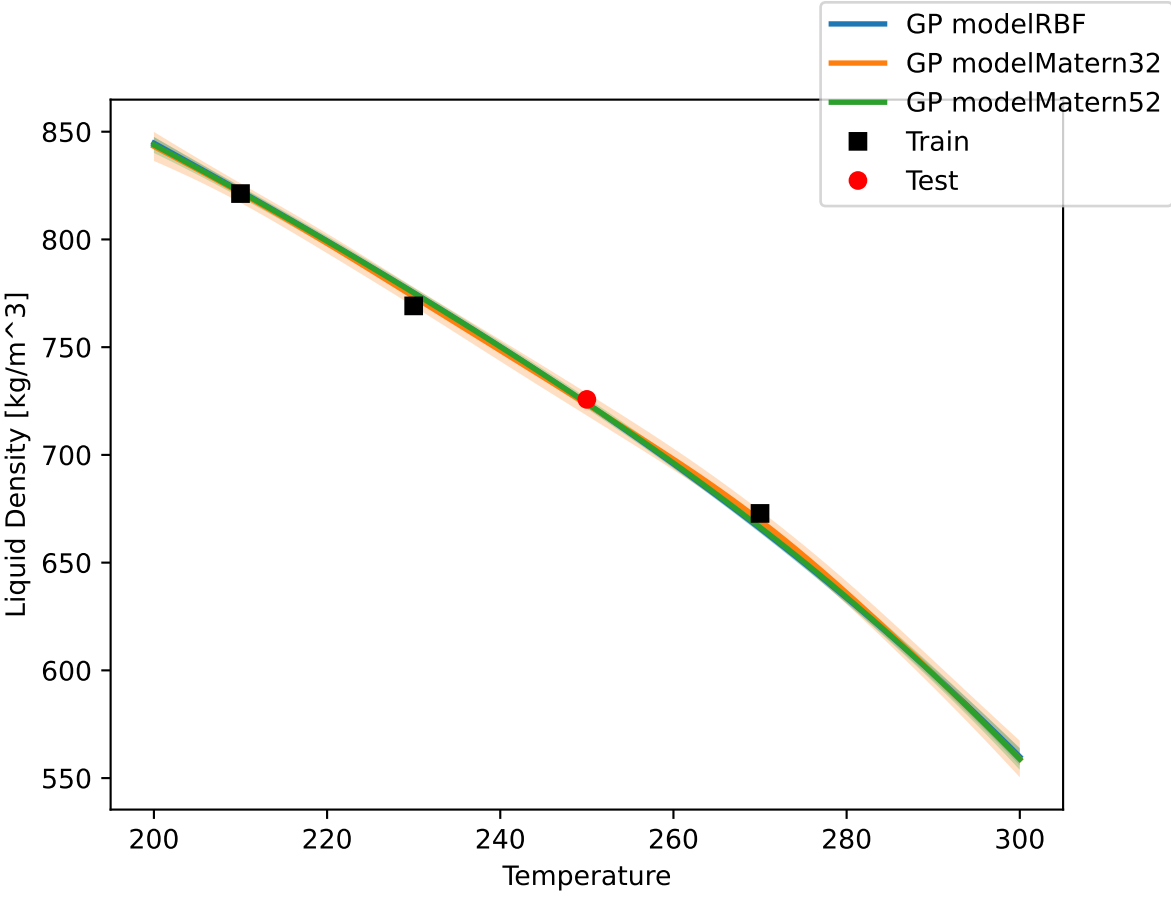

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

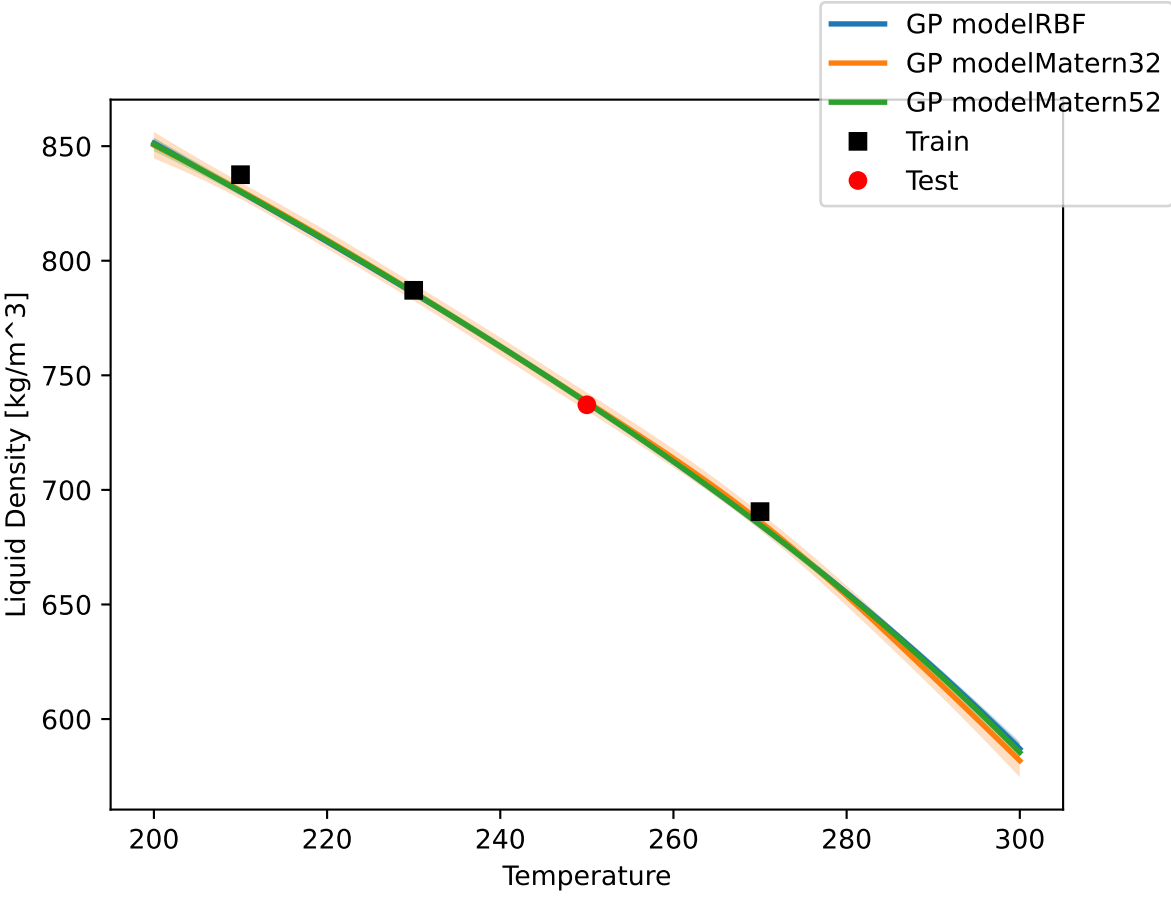

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

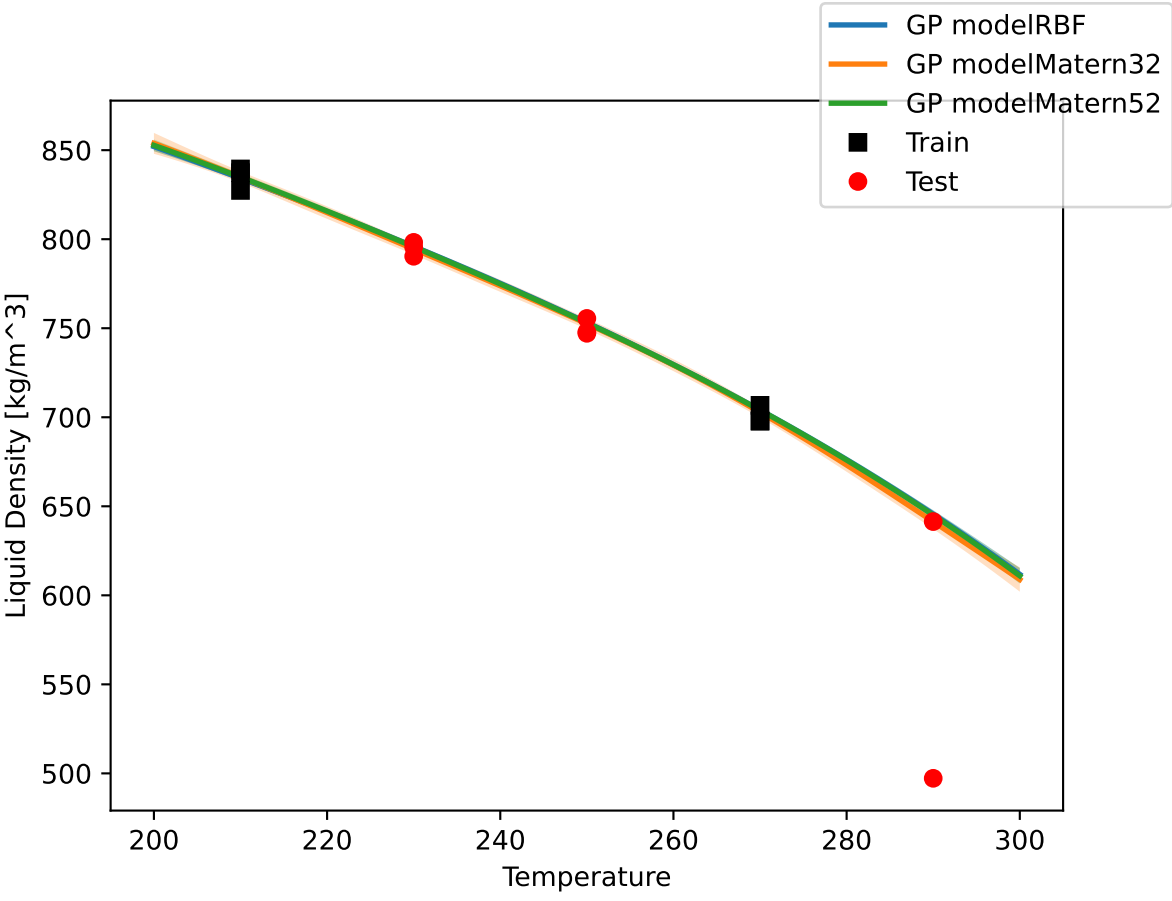

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

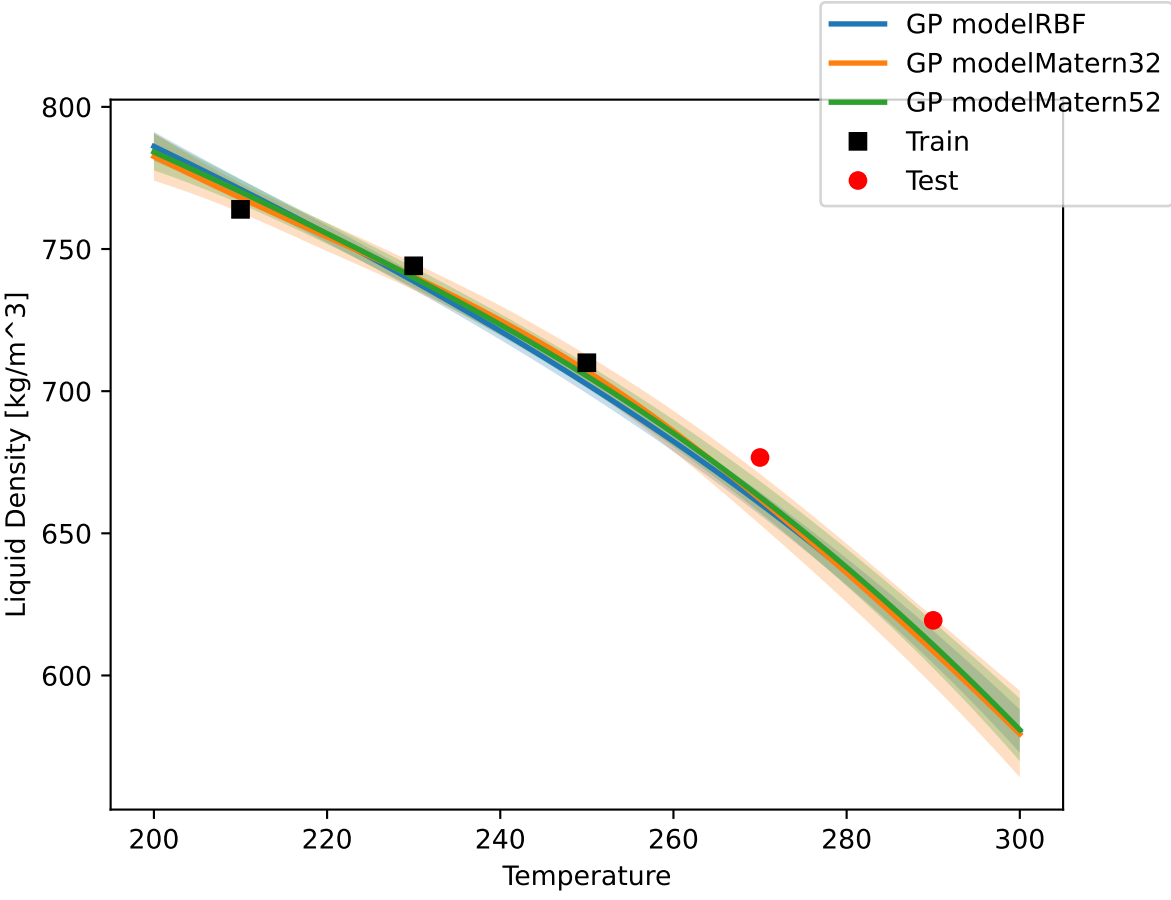

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

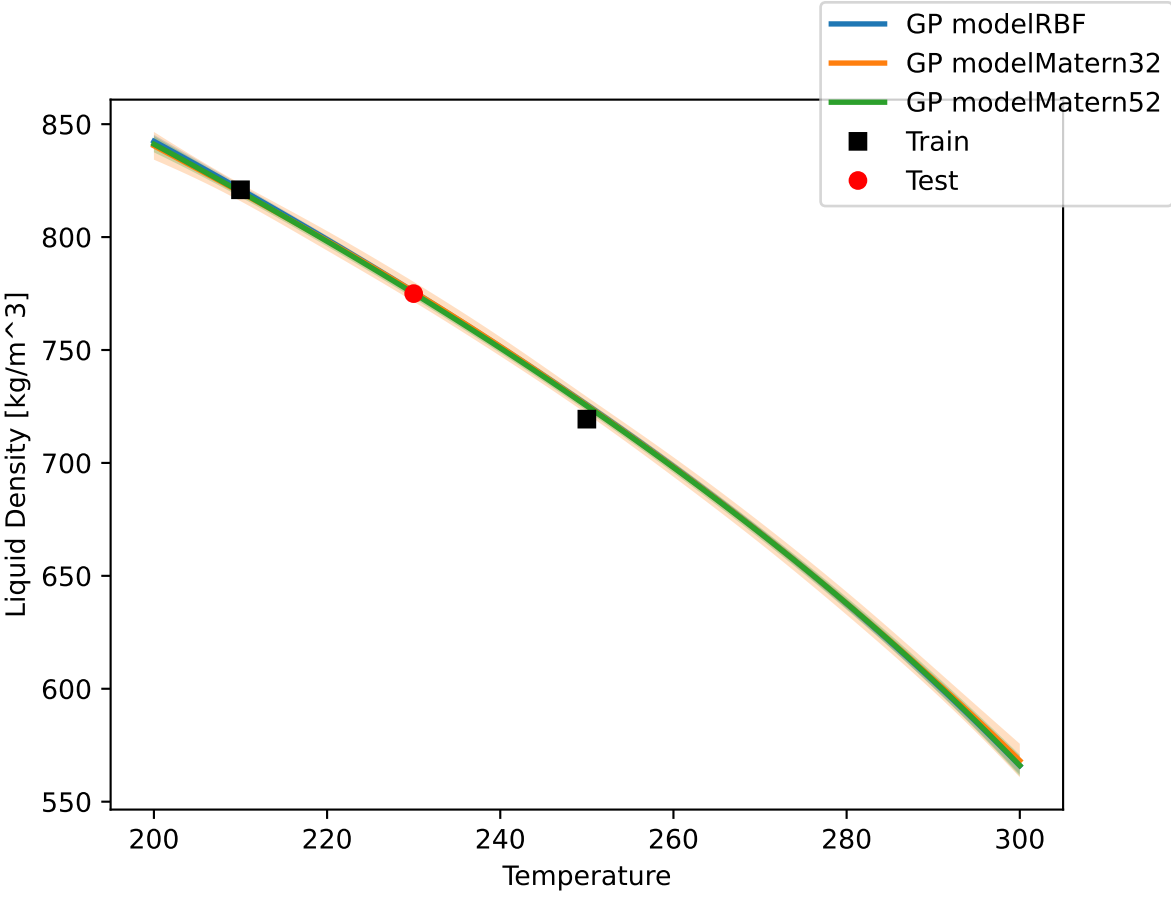

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
500
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

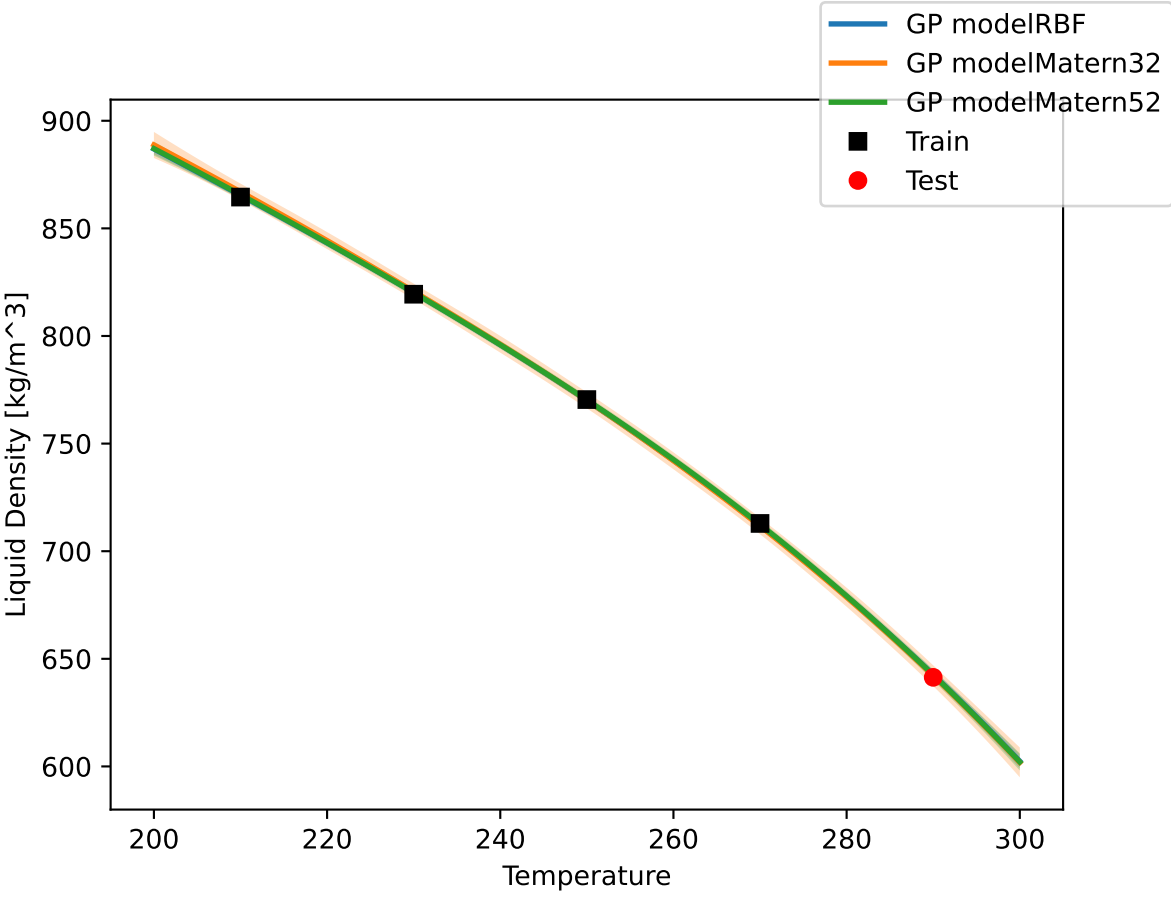

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

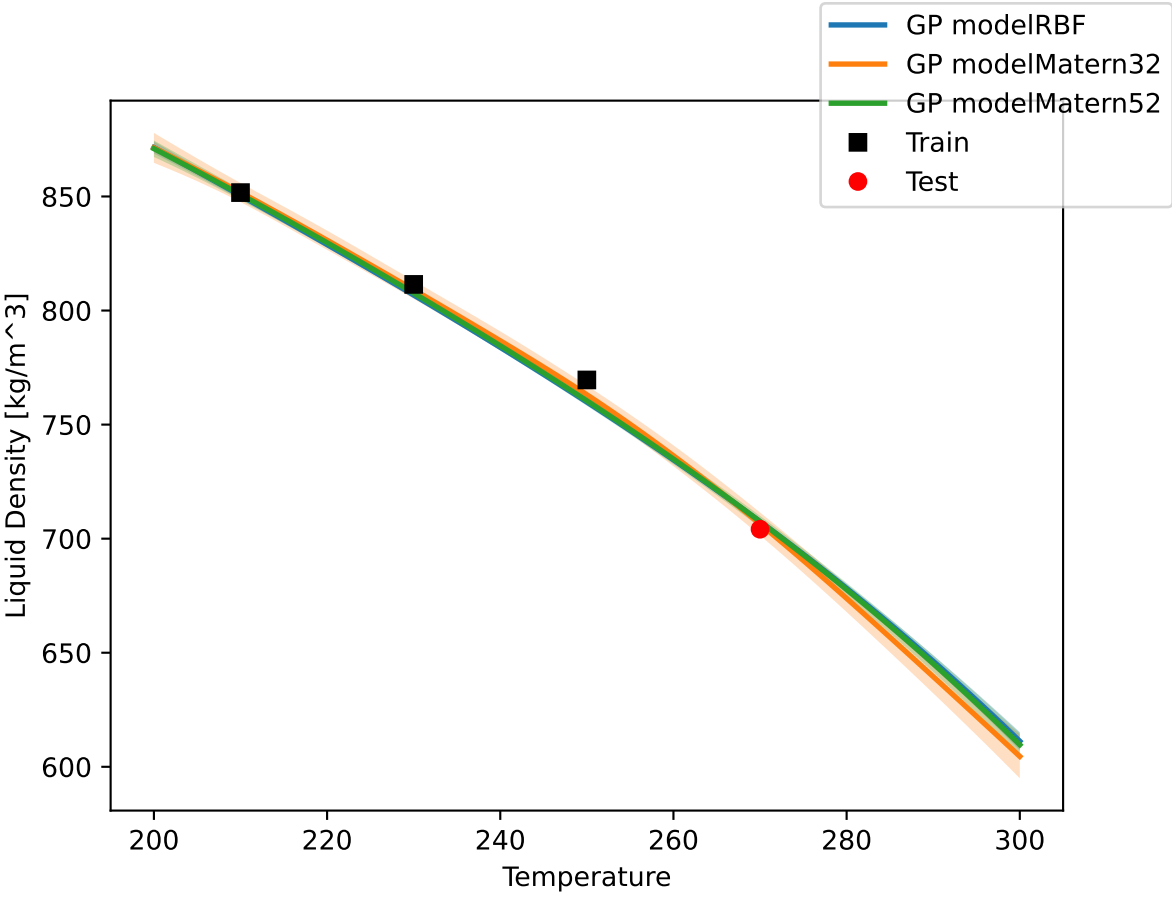

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

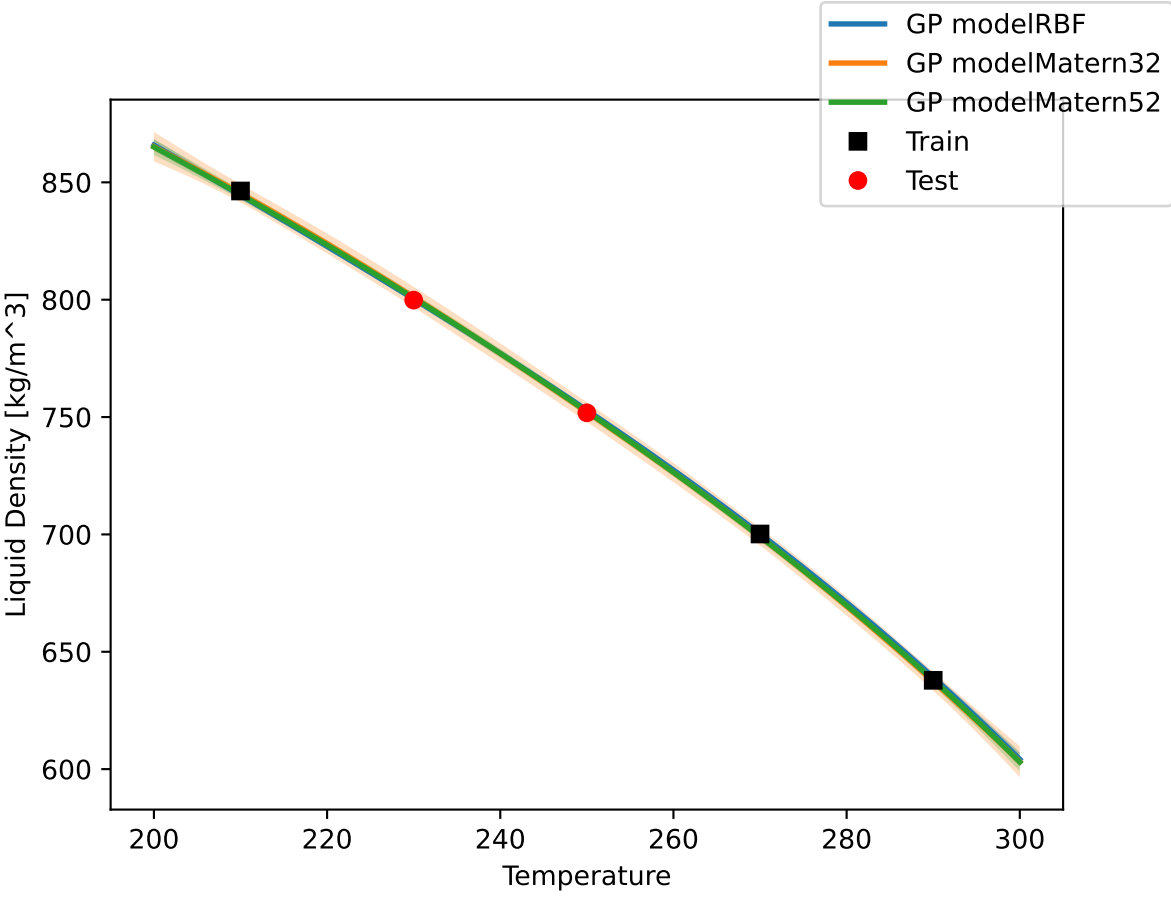

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
500
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

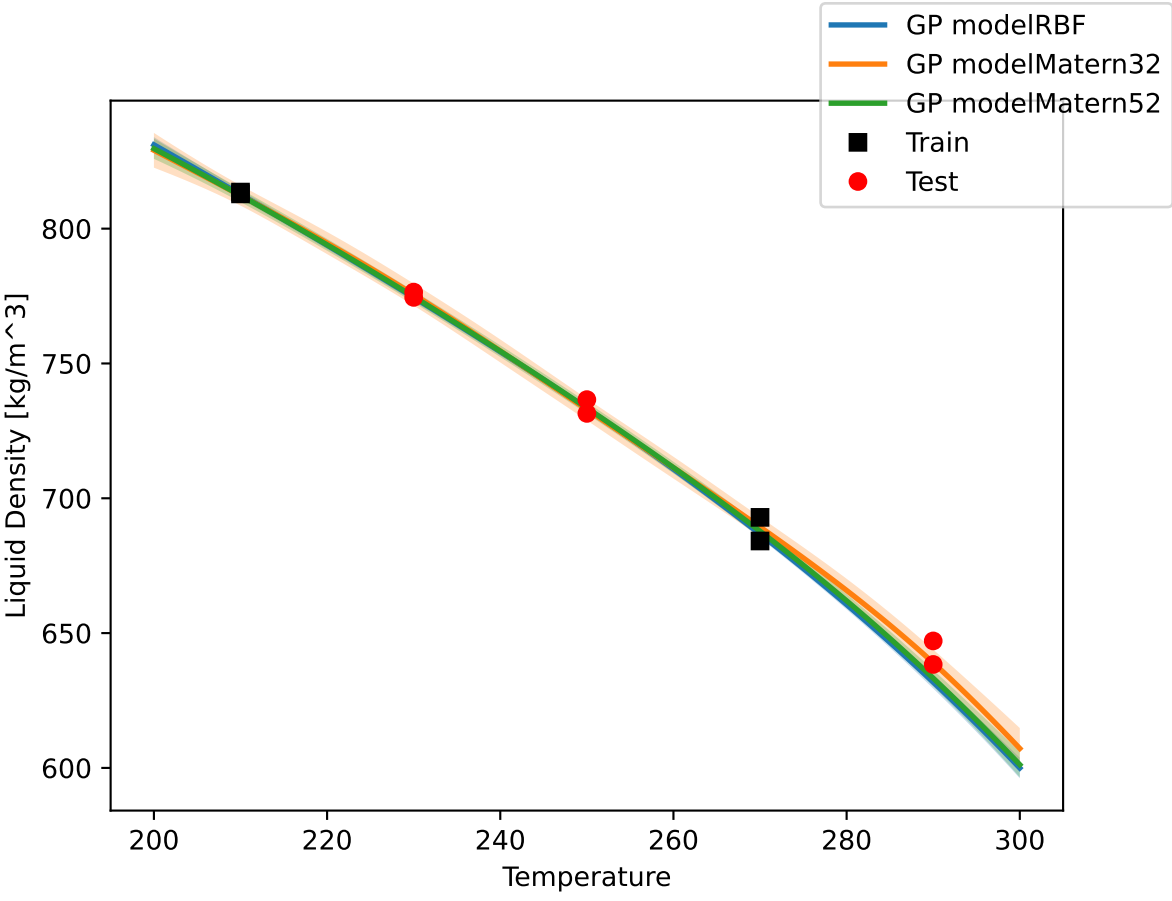

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

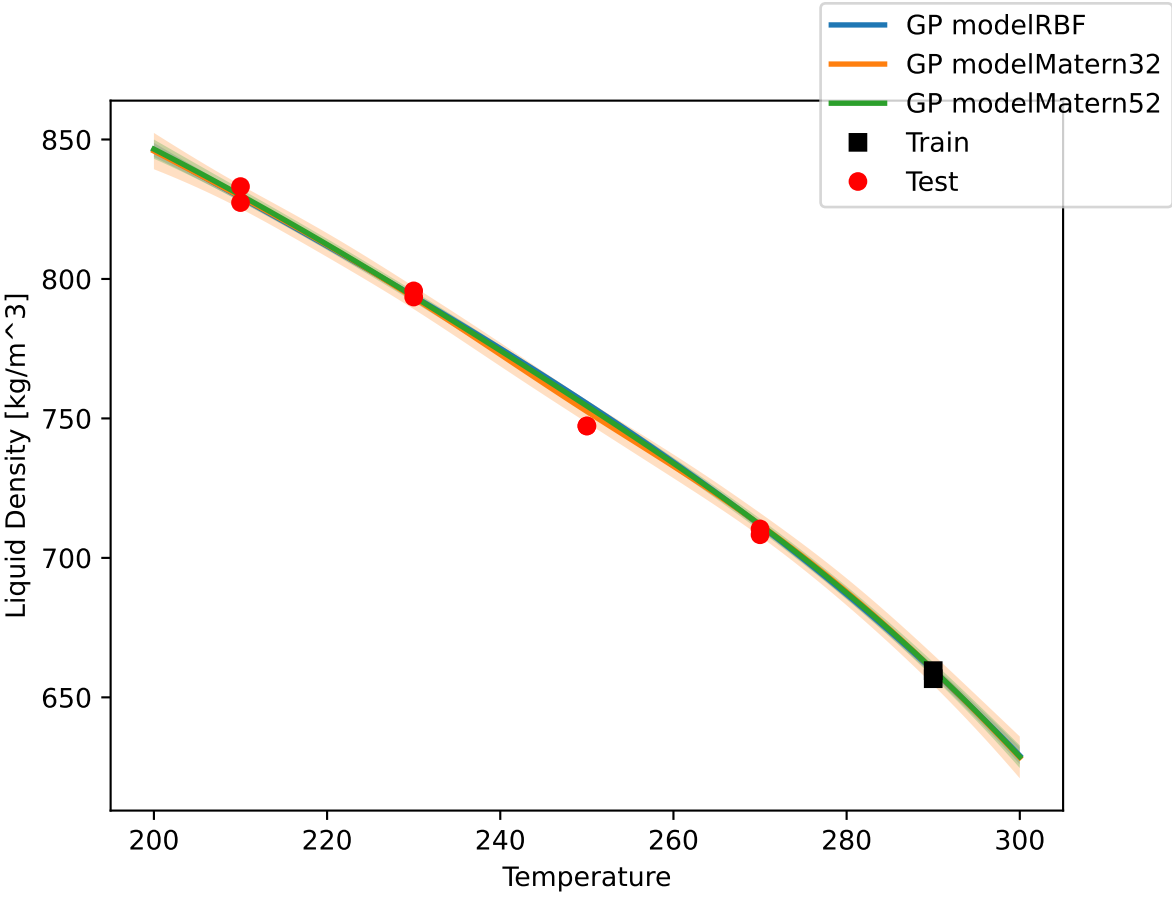

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

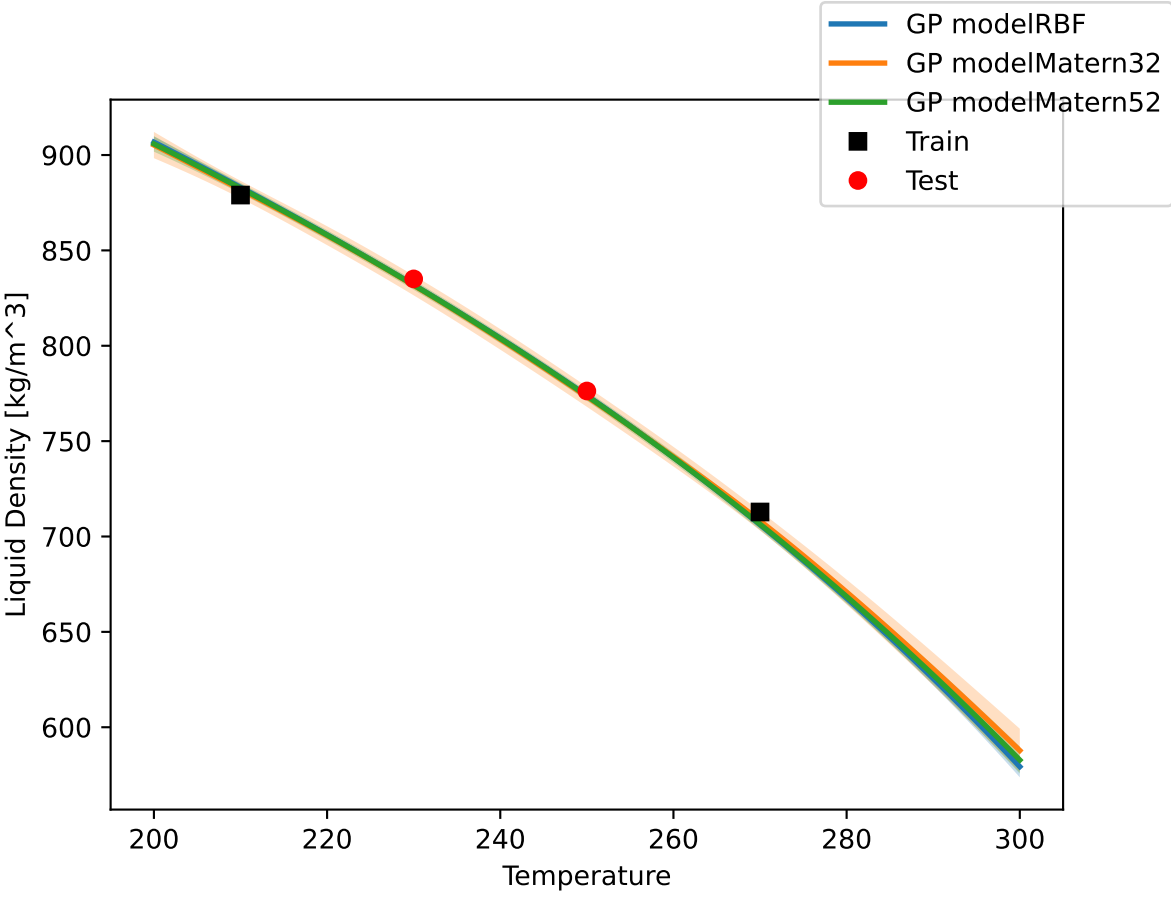

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

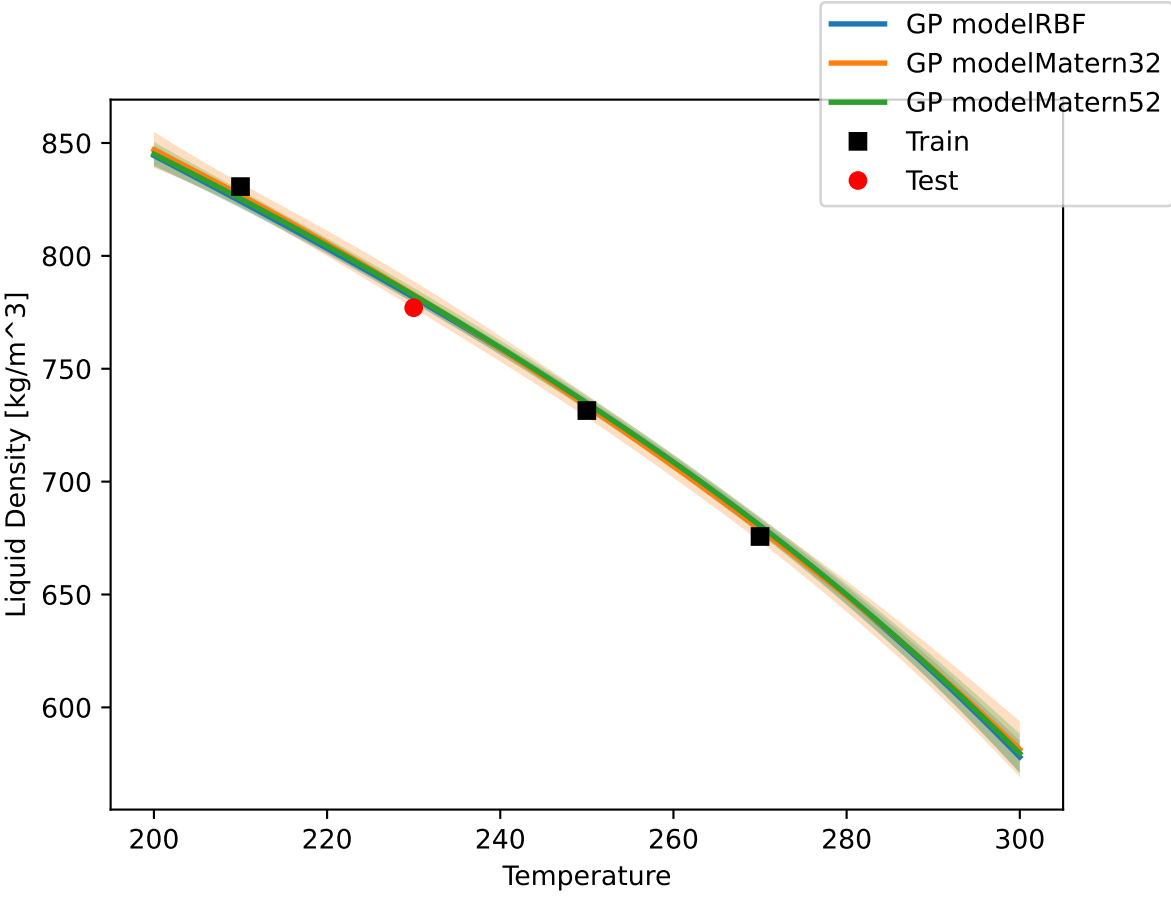

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

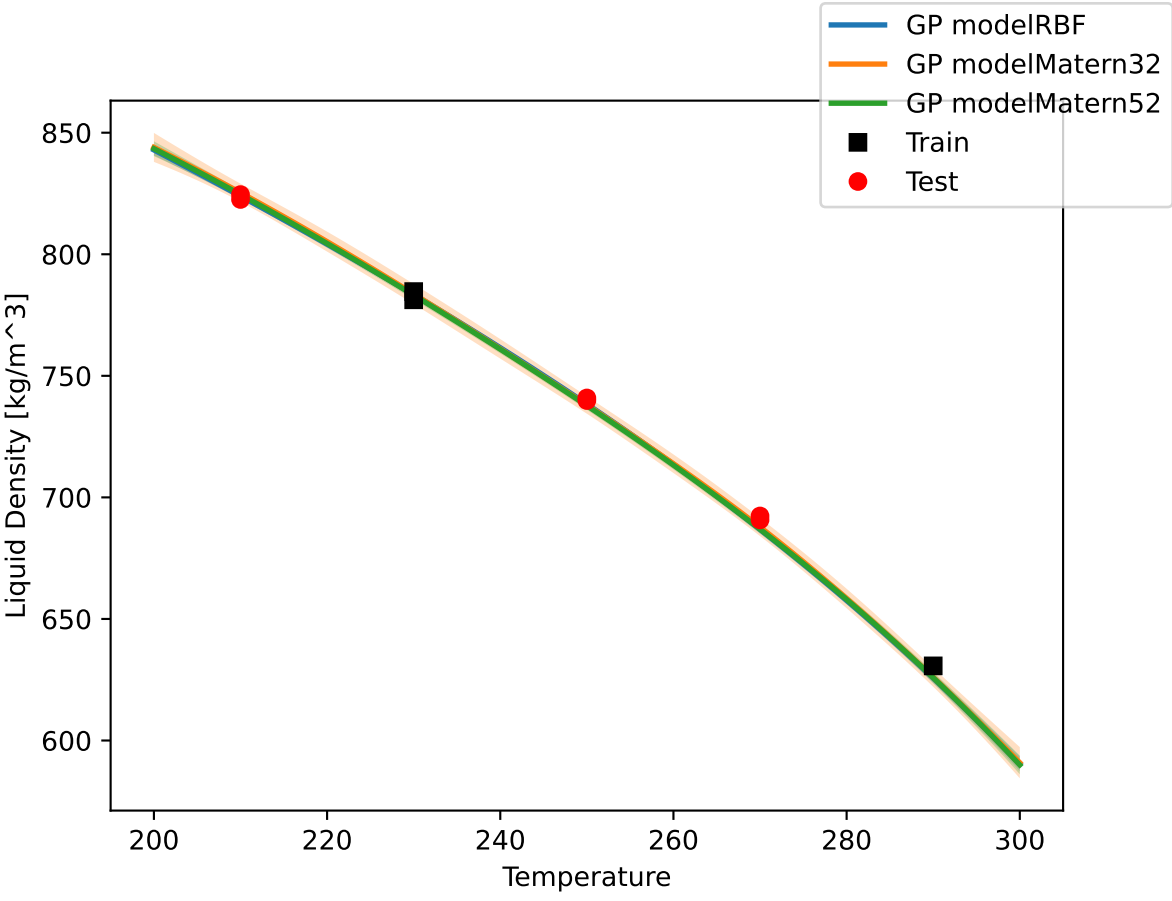

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

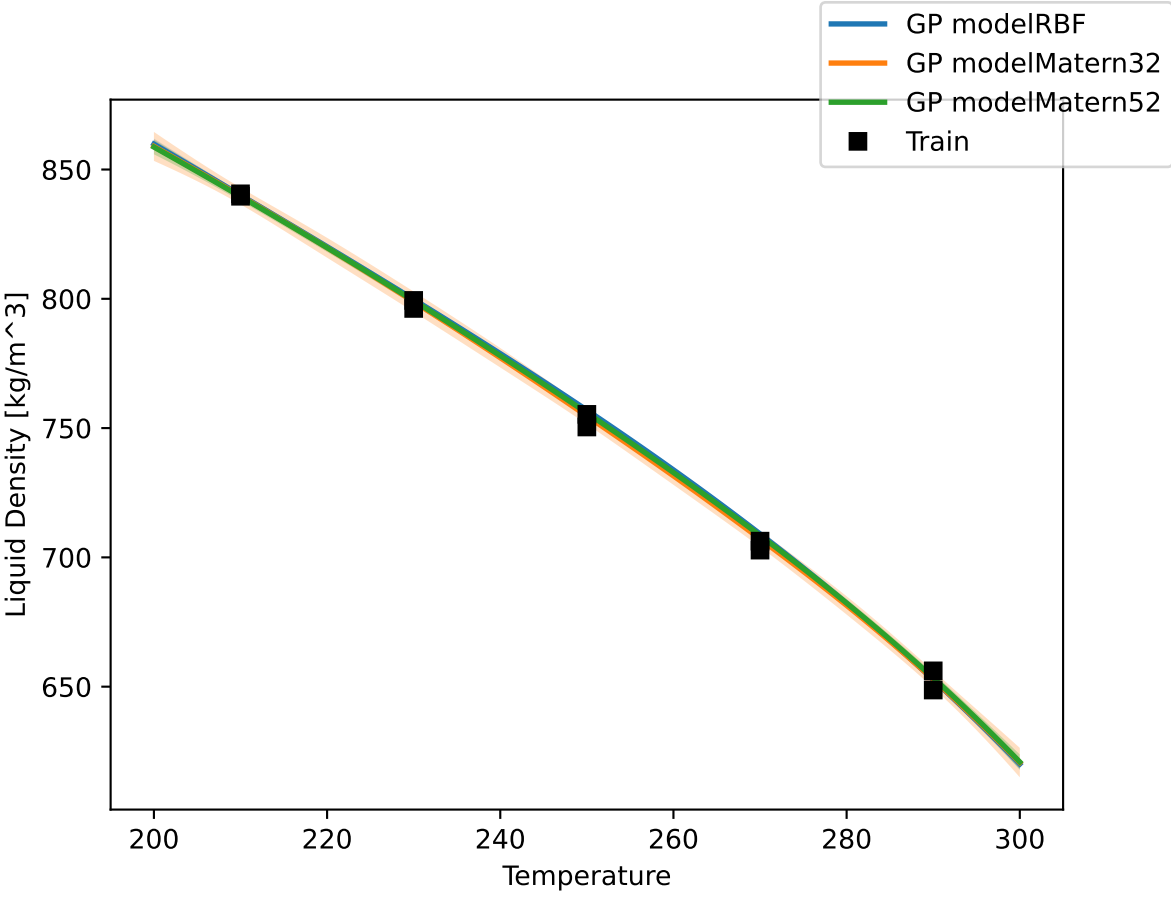

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

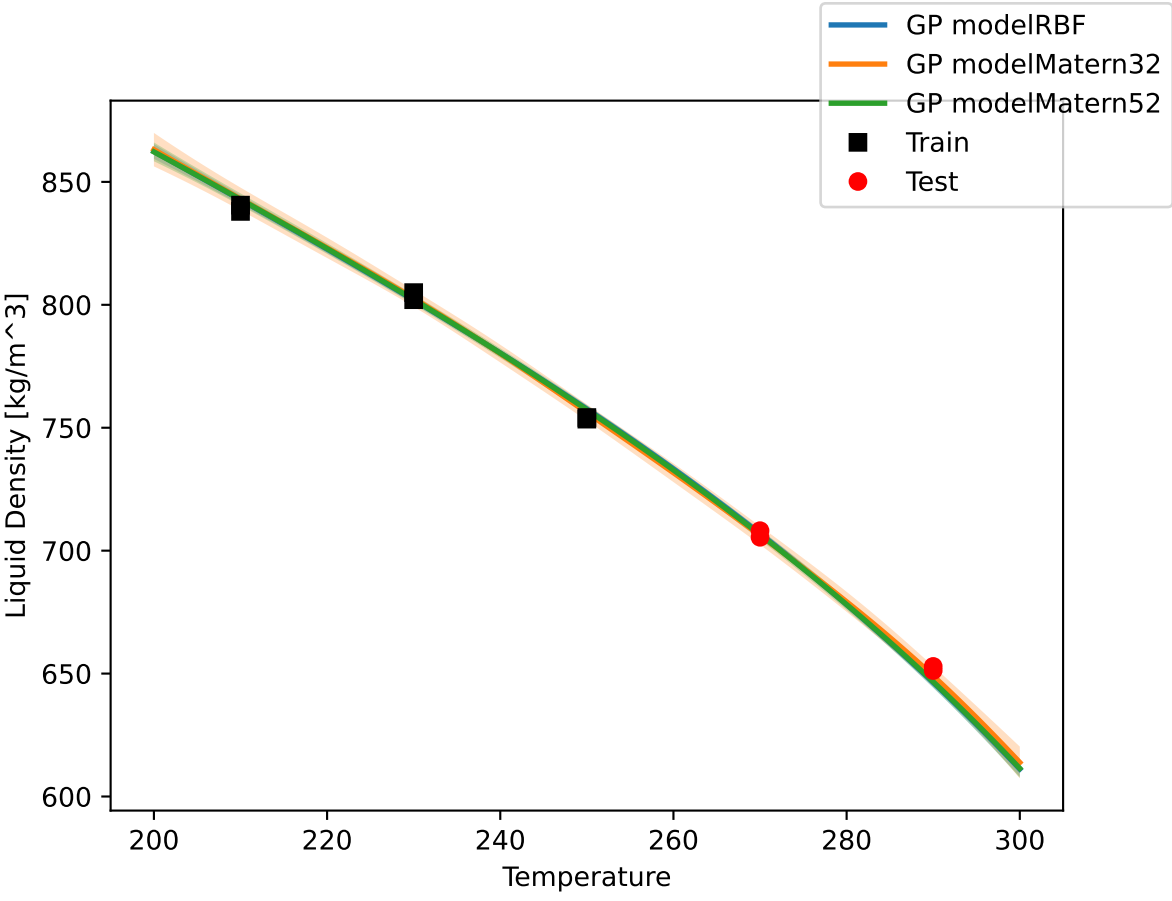

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

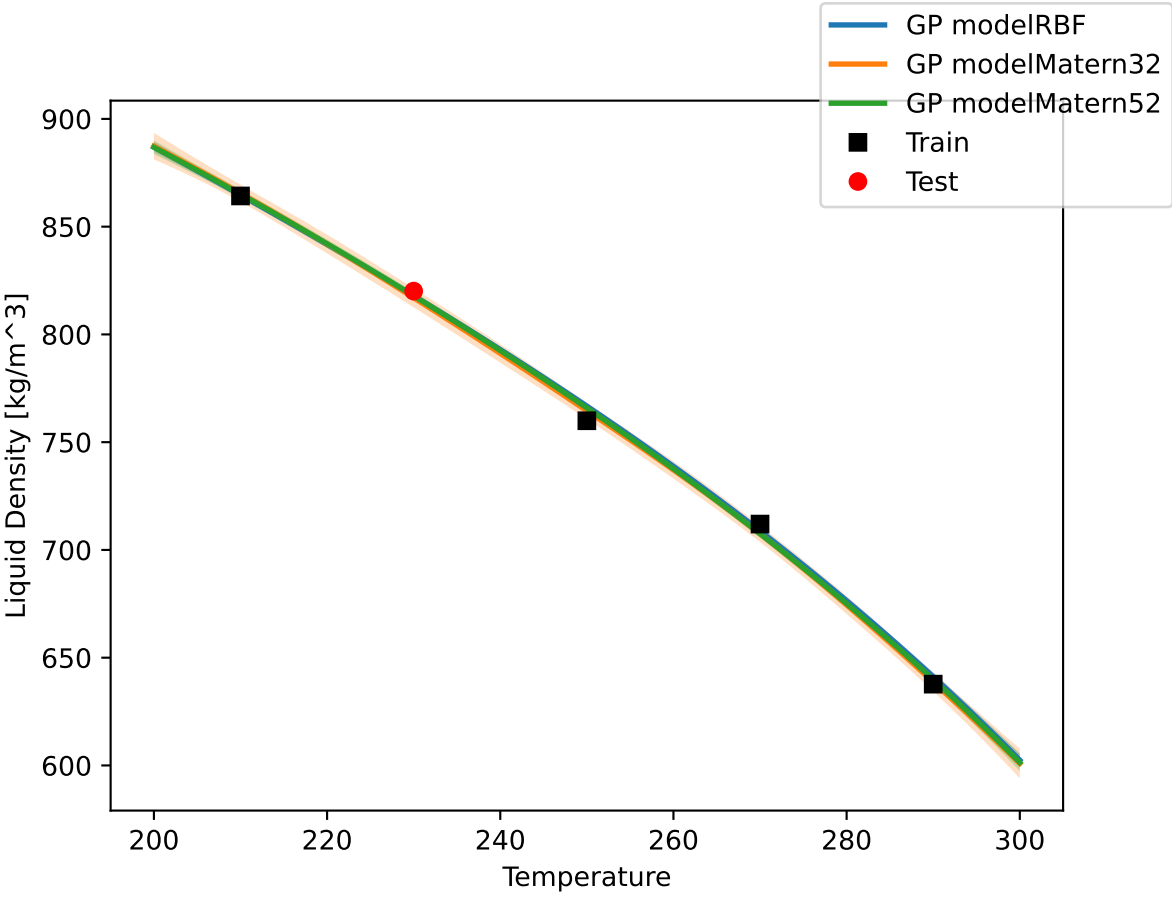

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

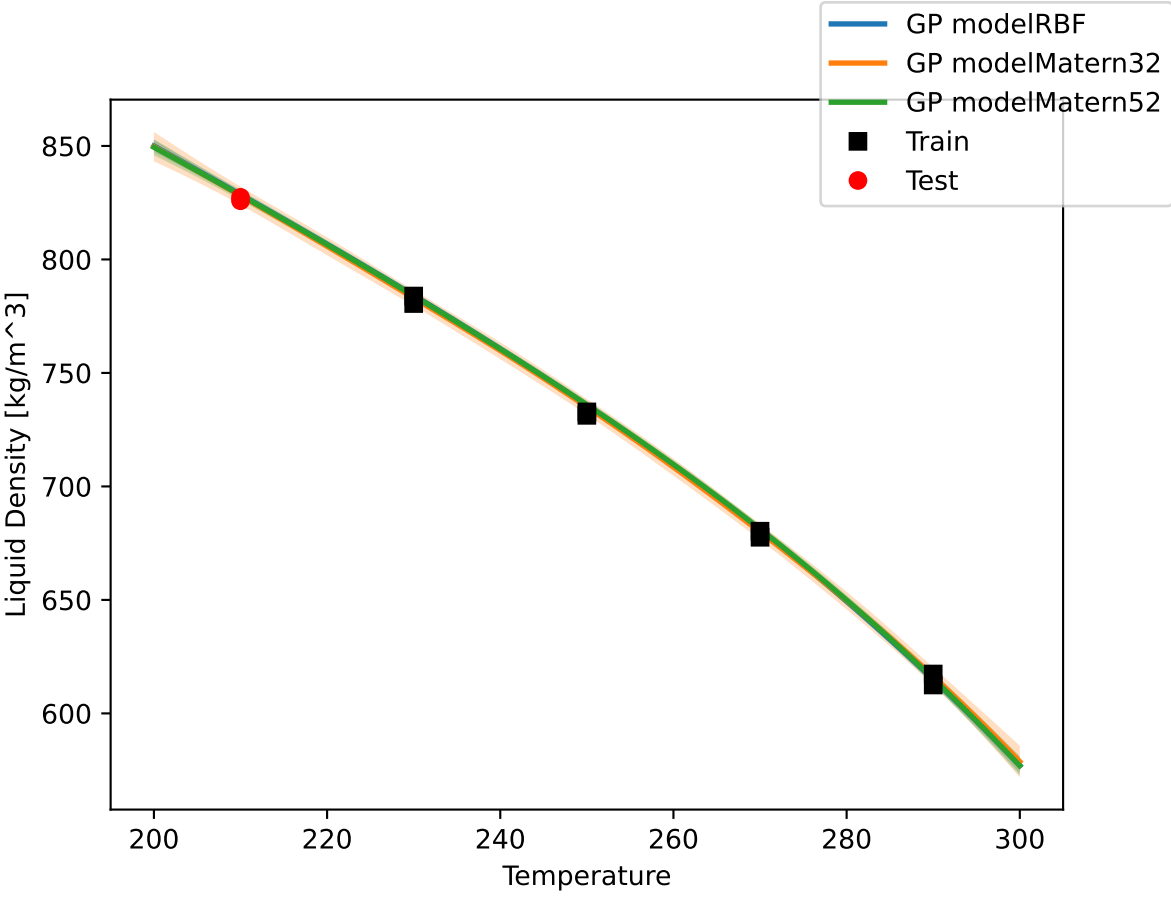

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

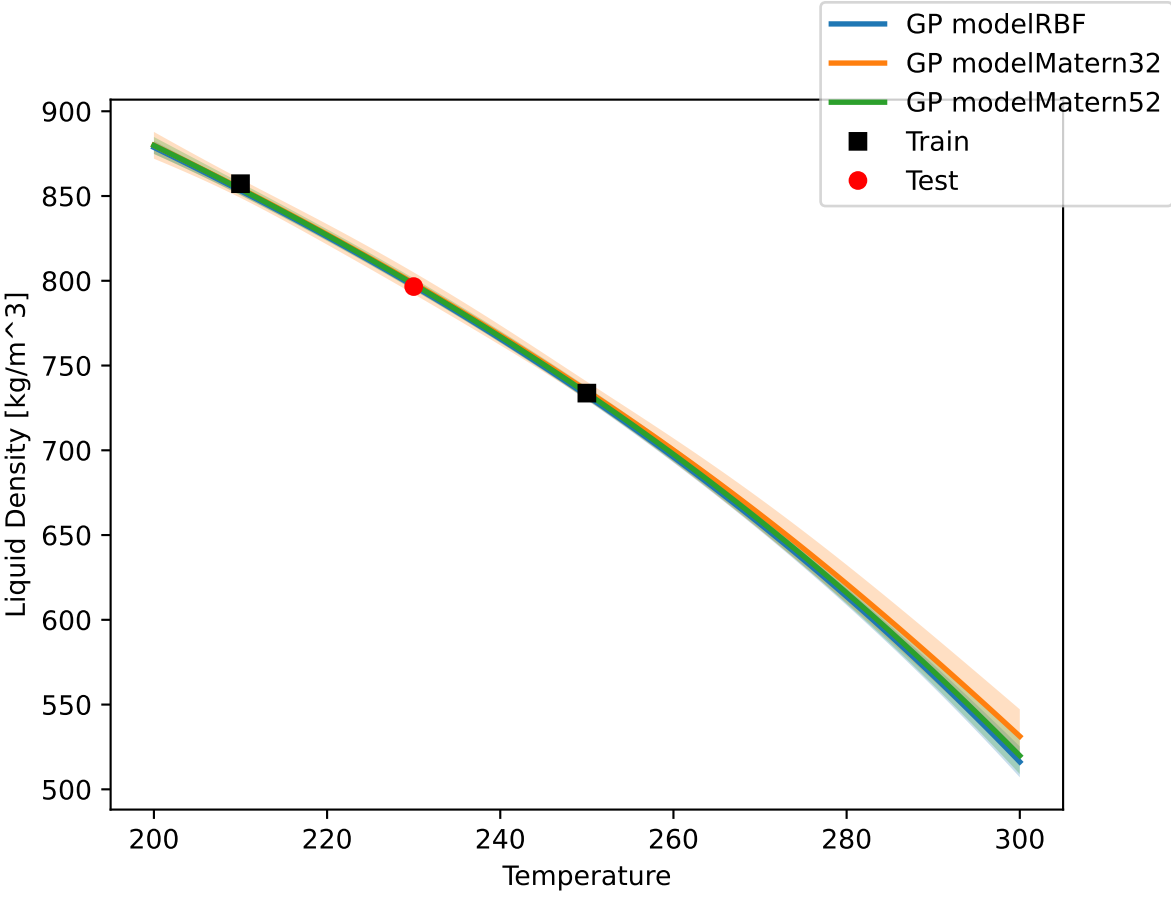

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

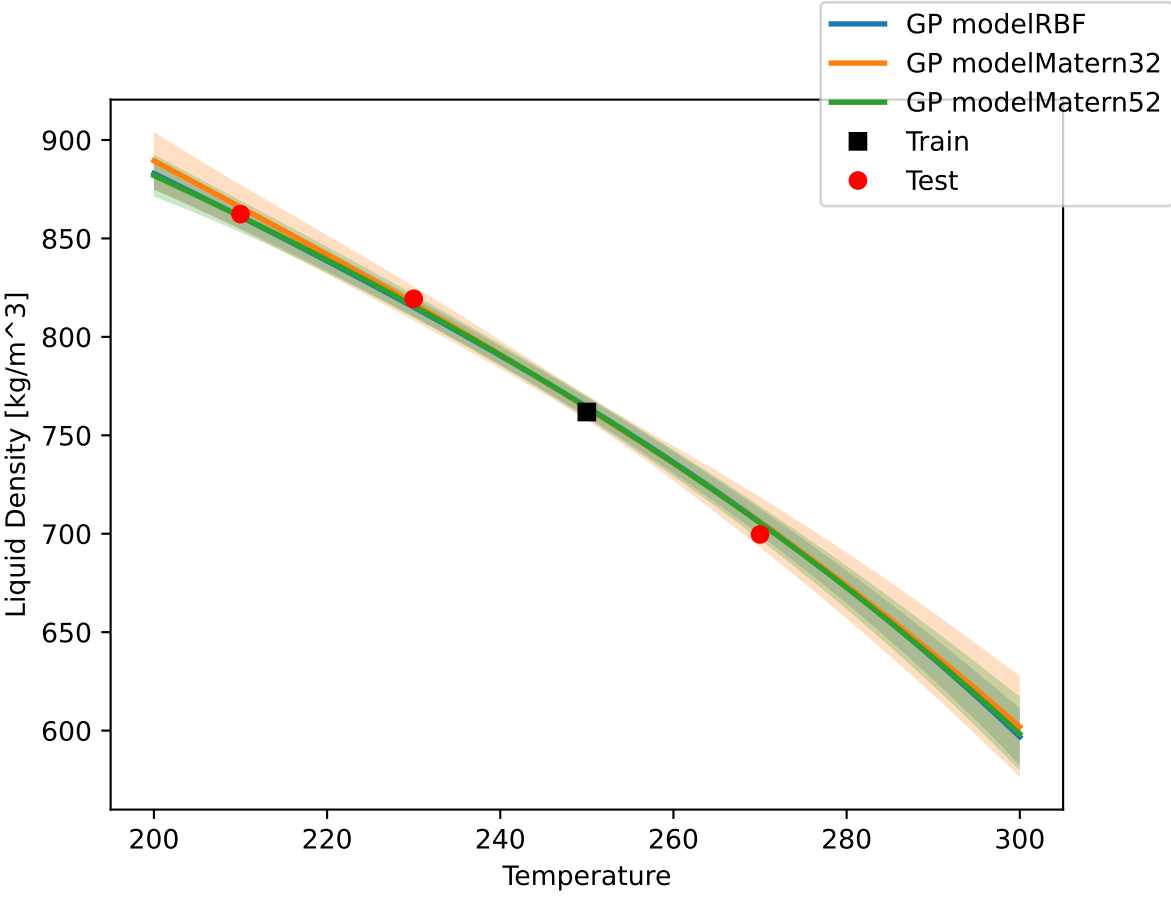

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

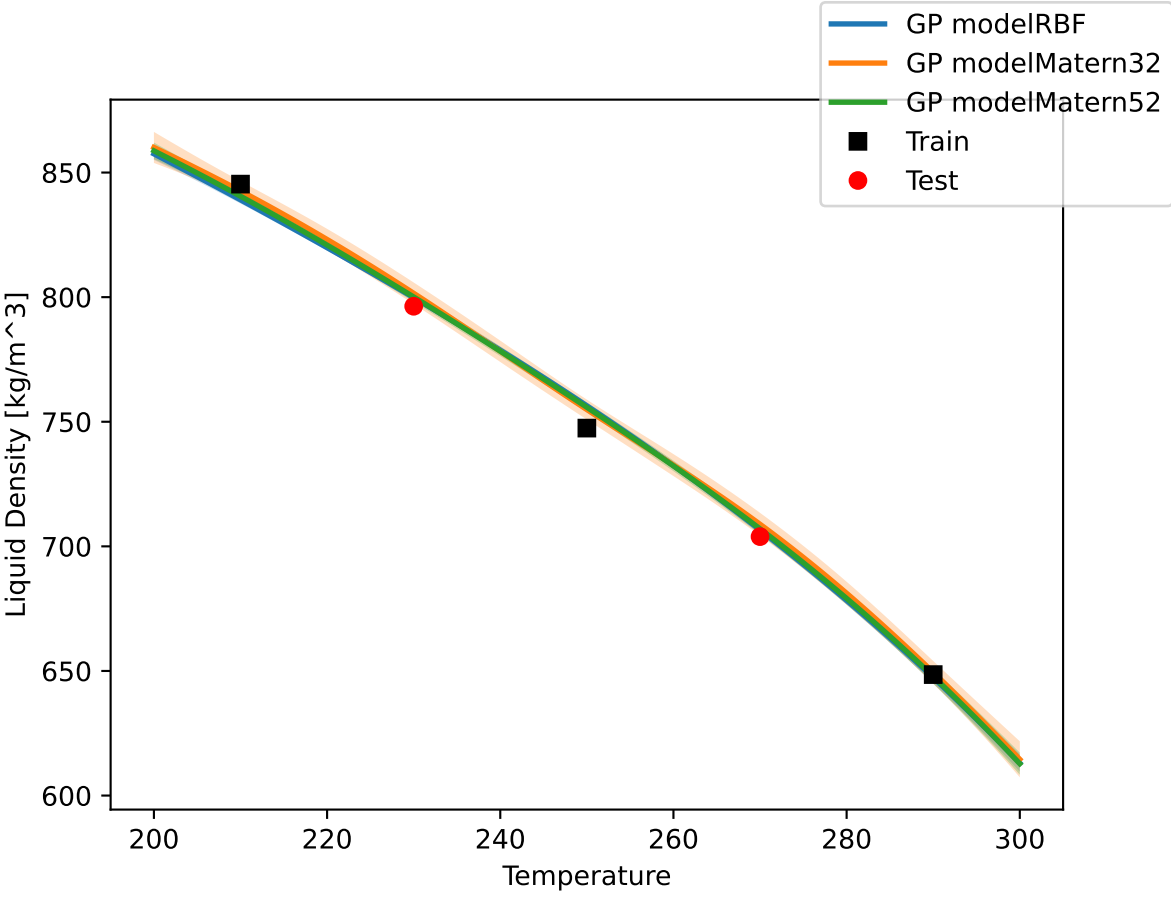

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

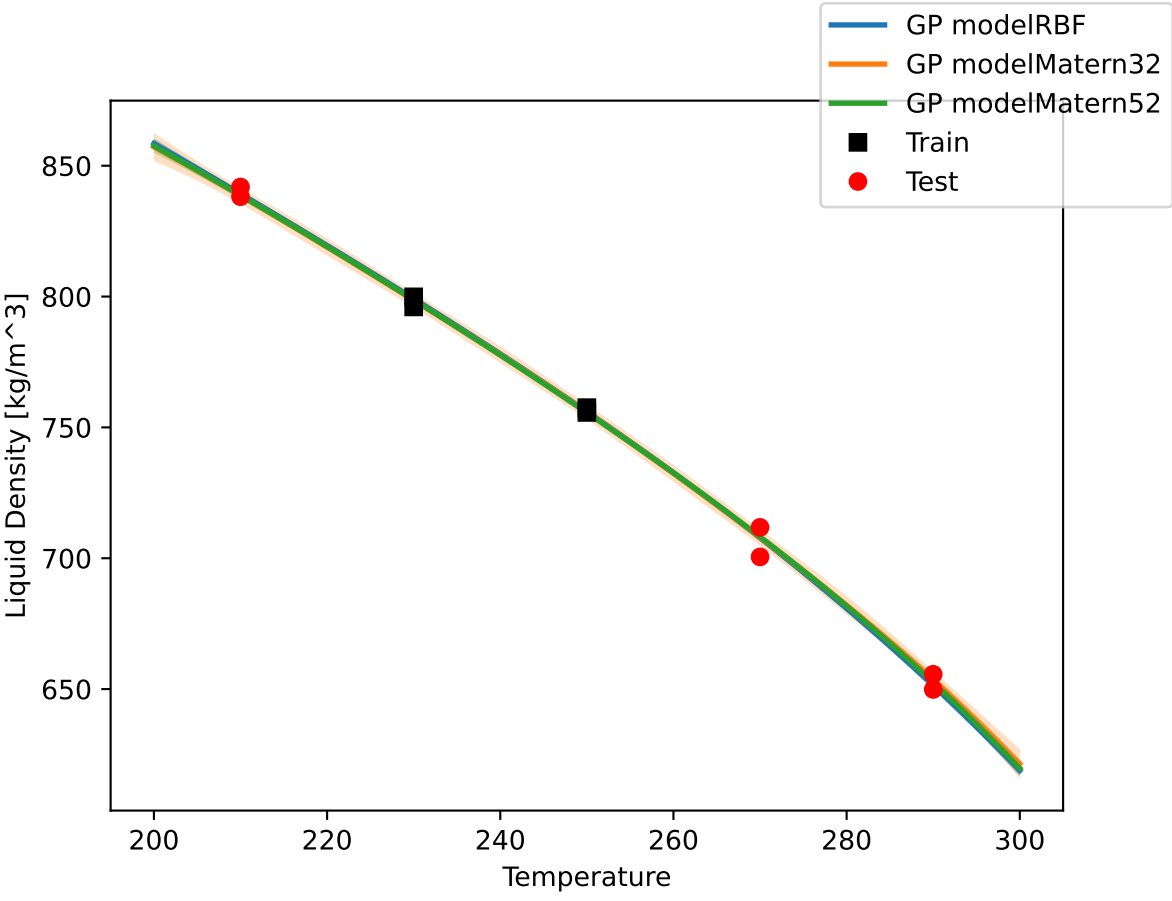

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

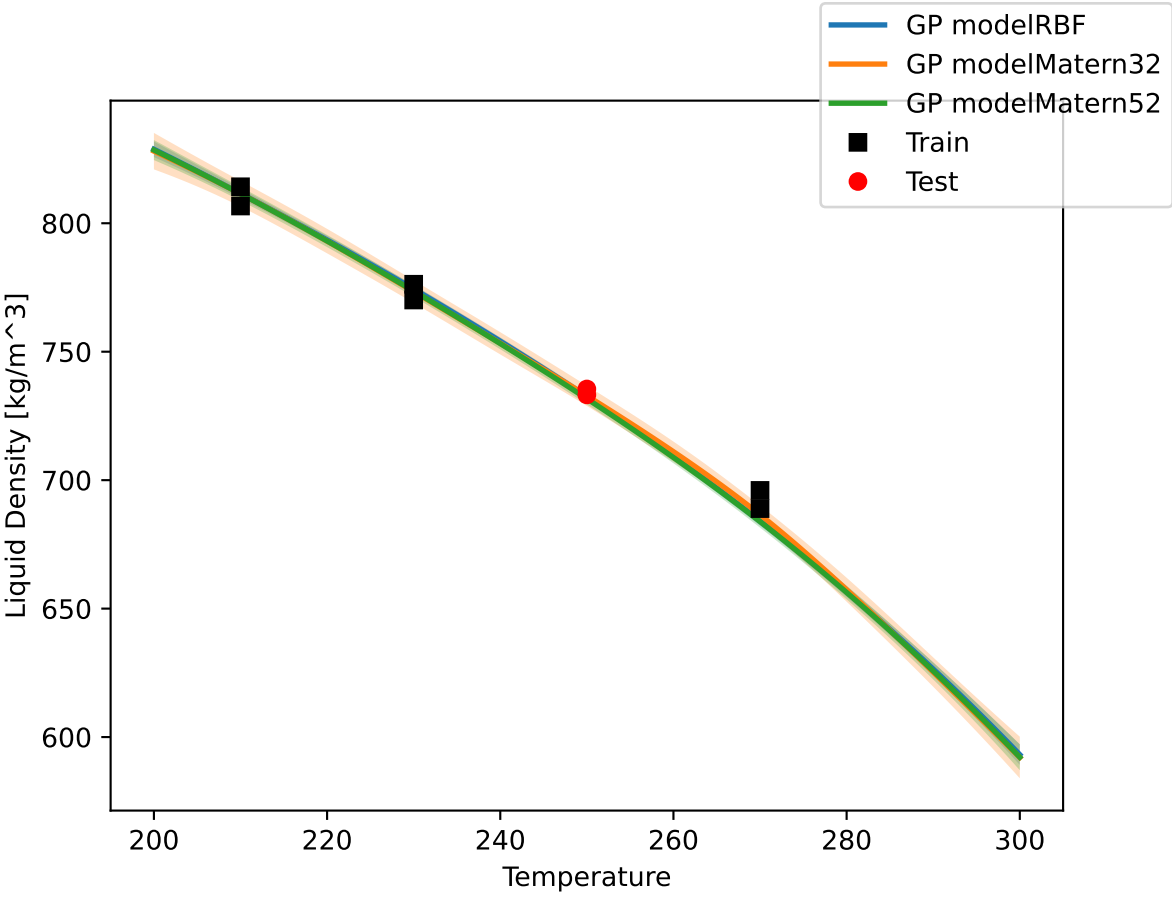

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

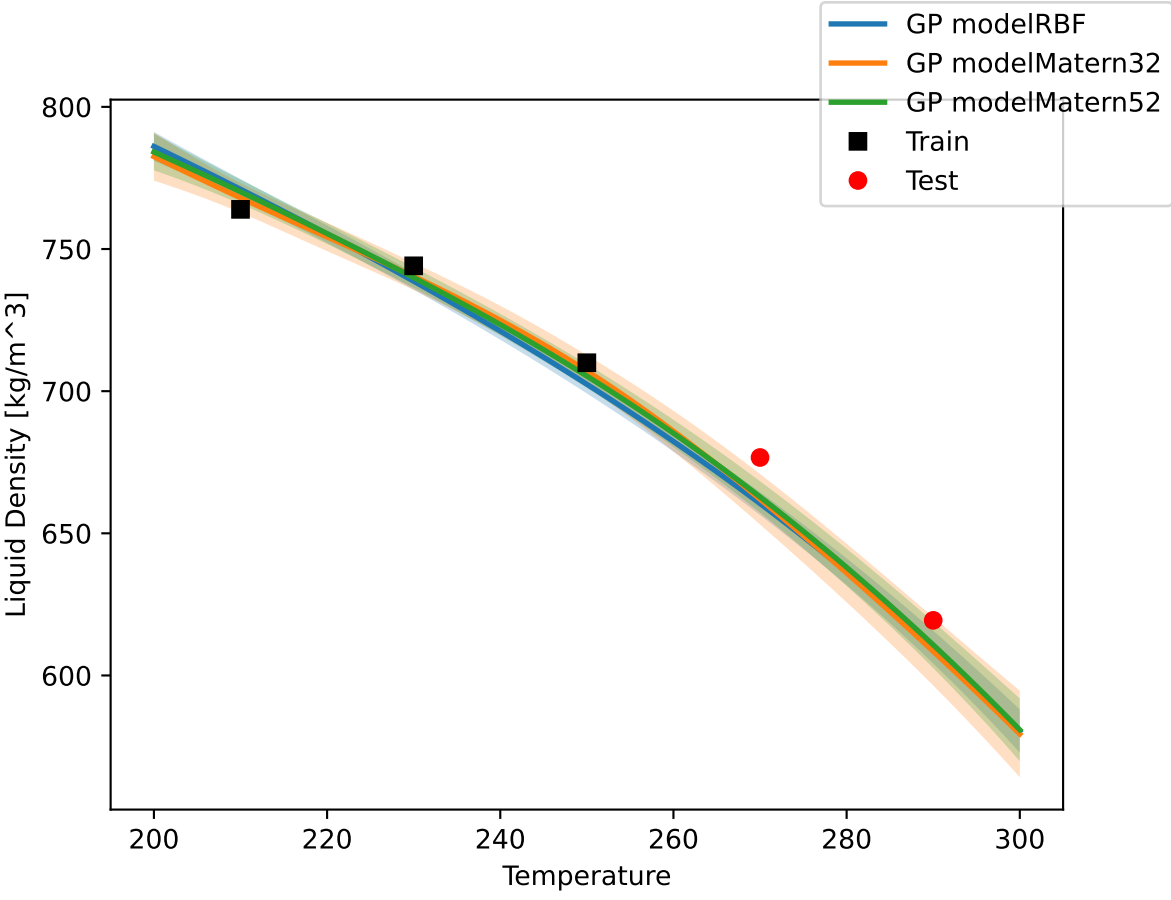

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
500
200
220
240
260
280
300
Temperature

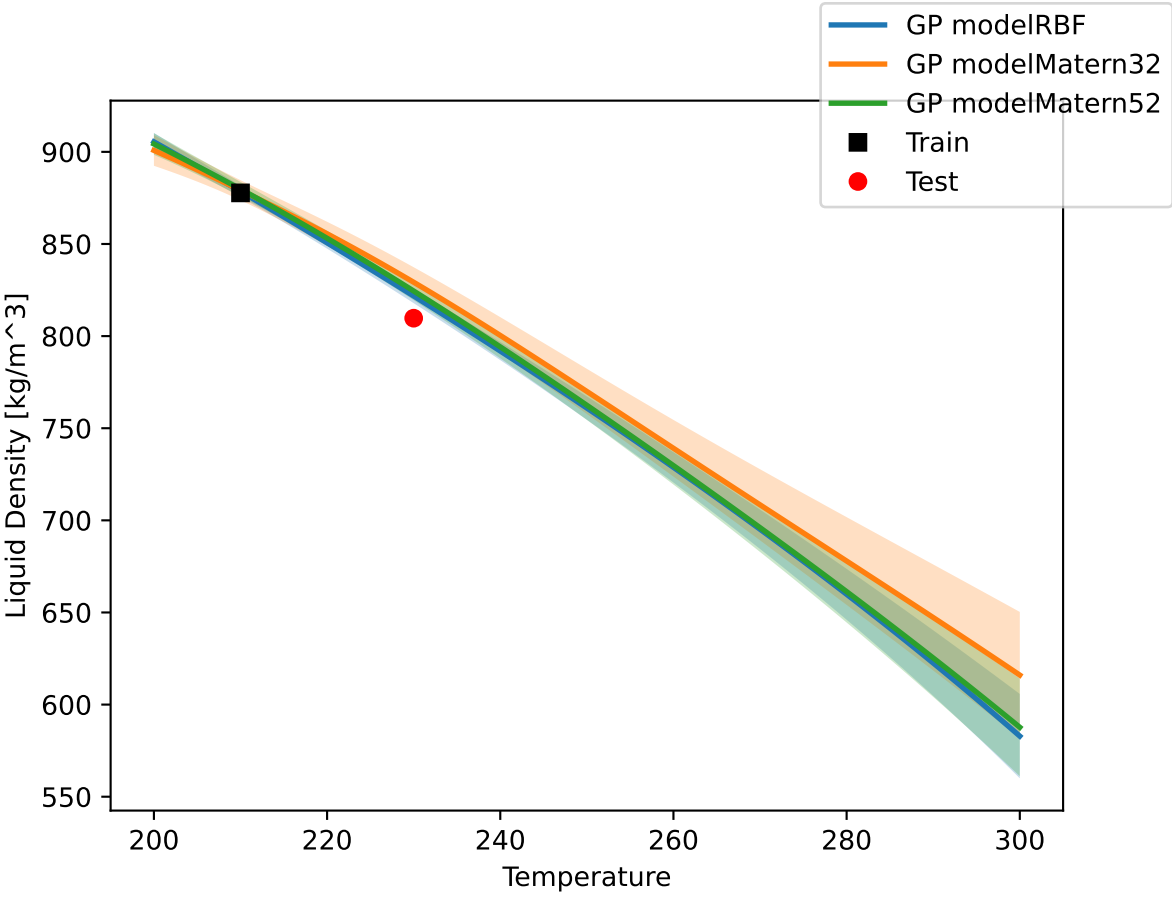

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

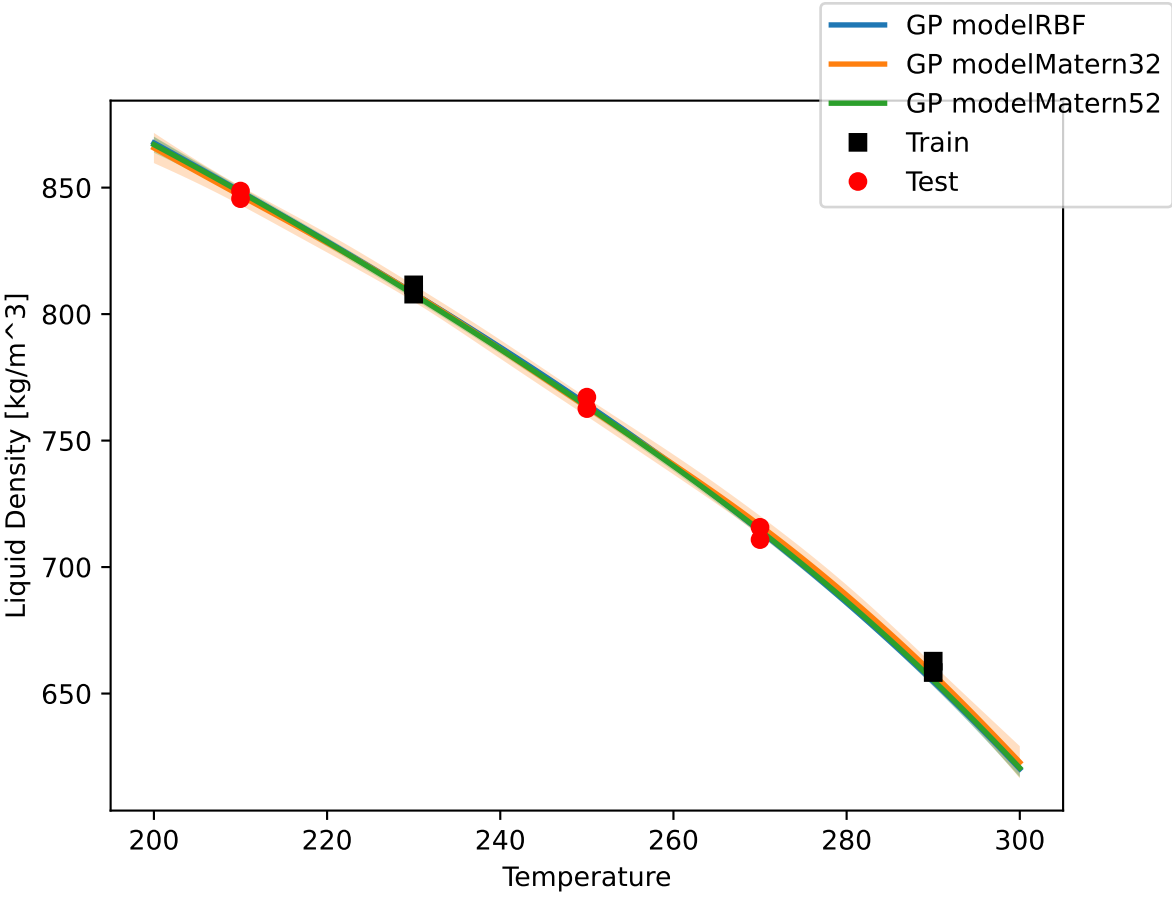

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

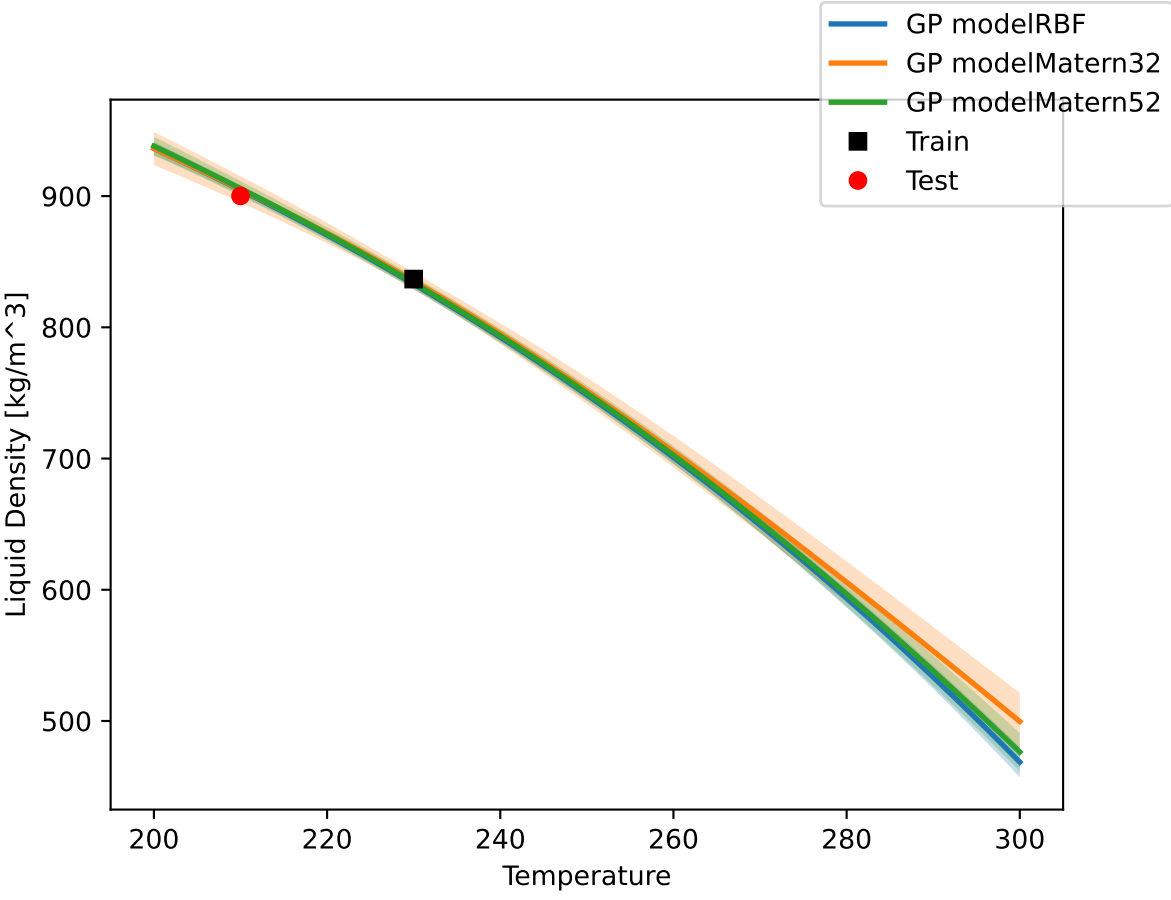

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

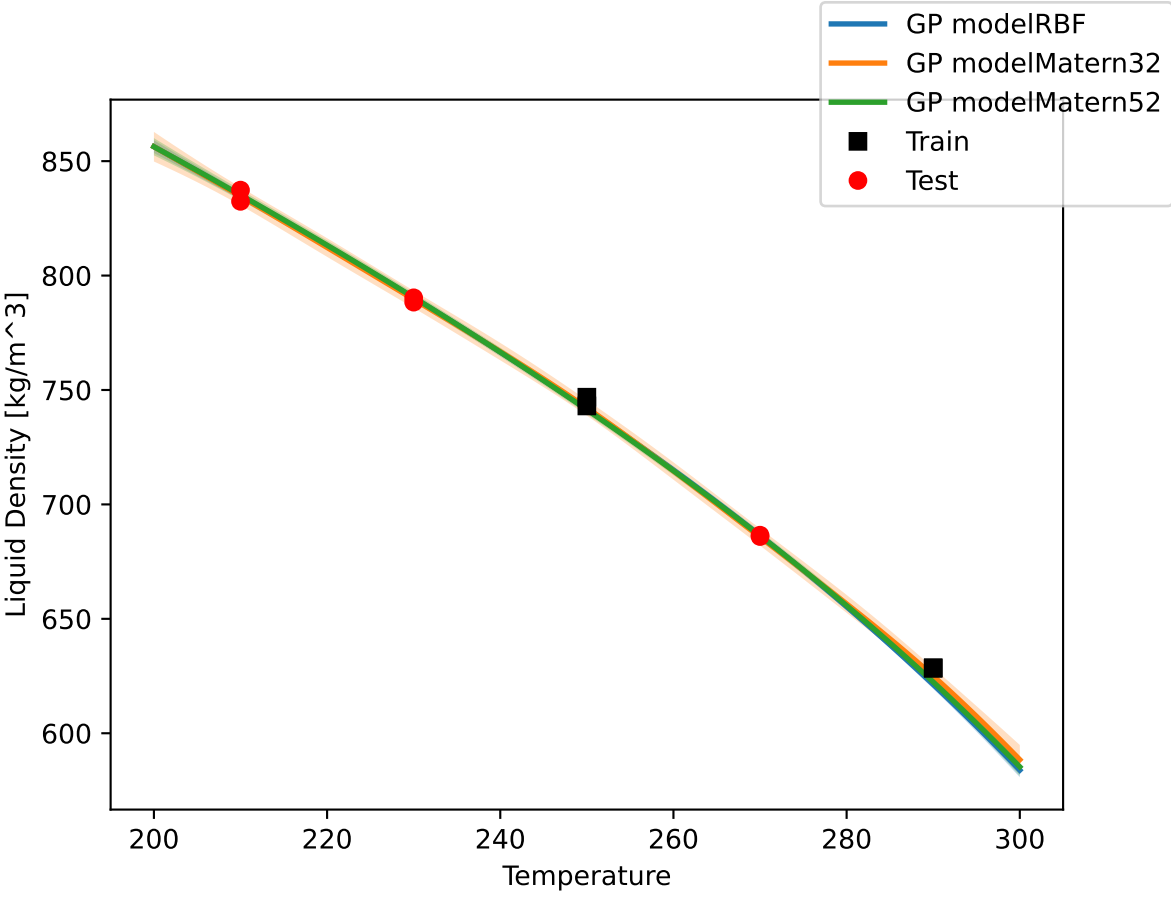

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

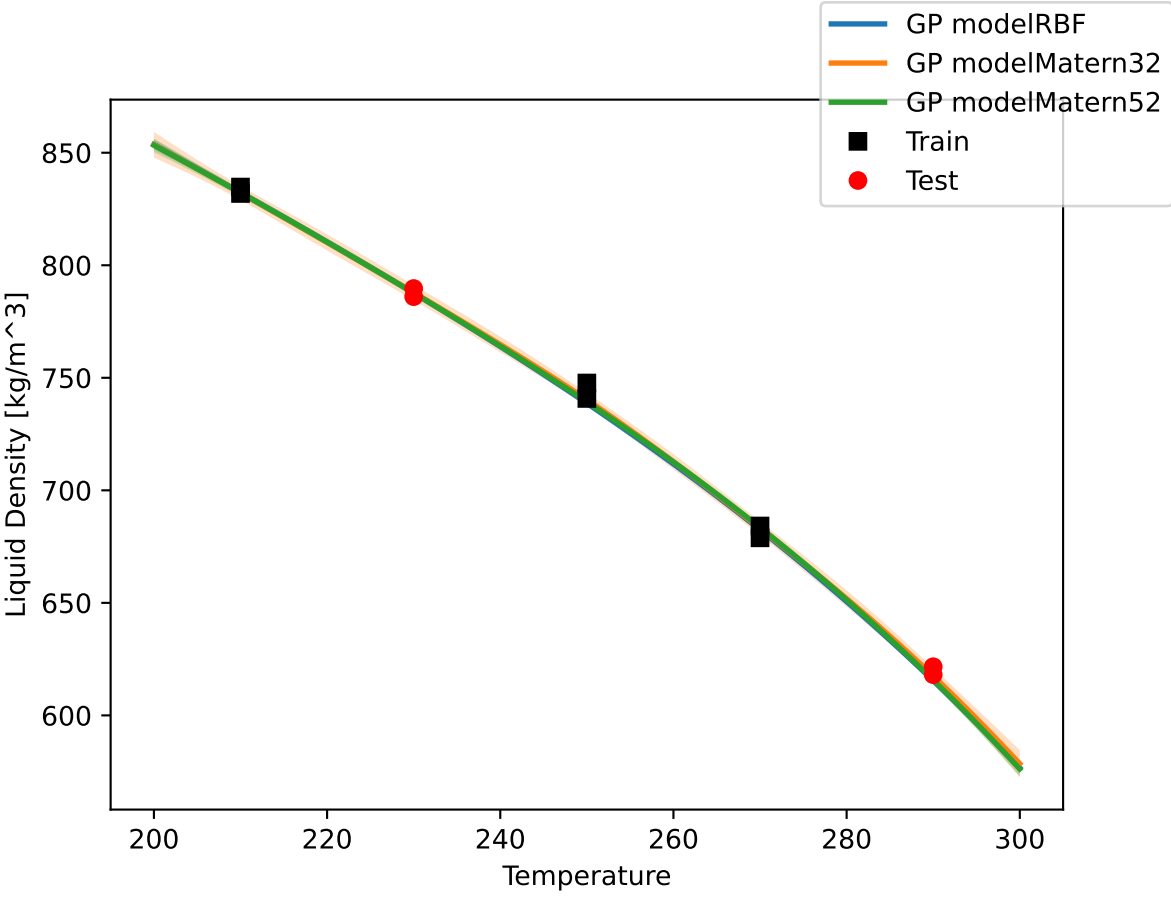

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

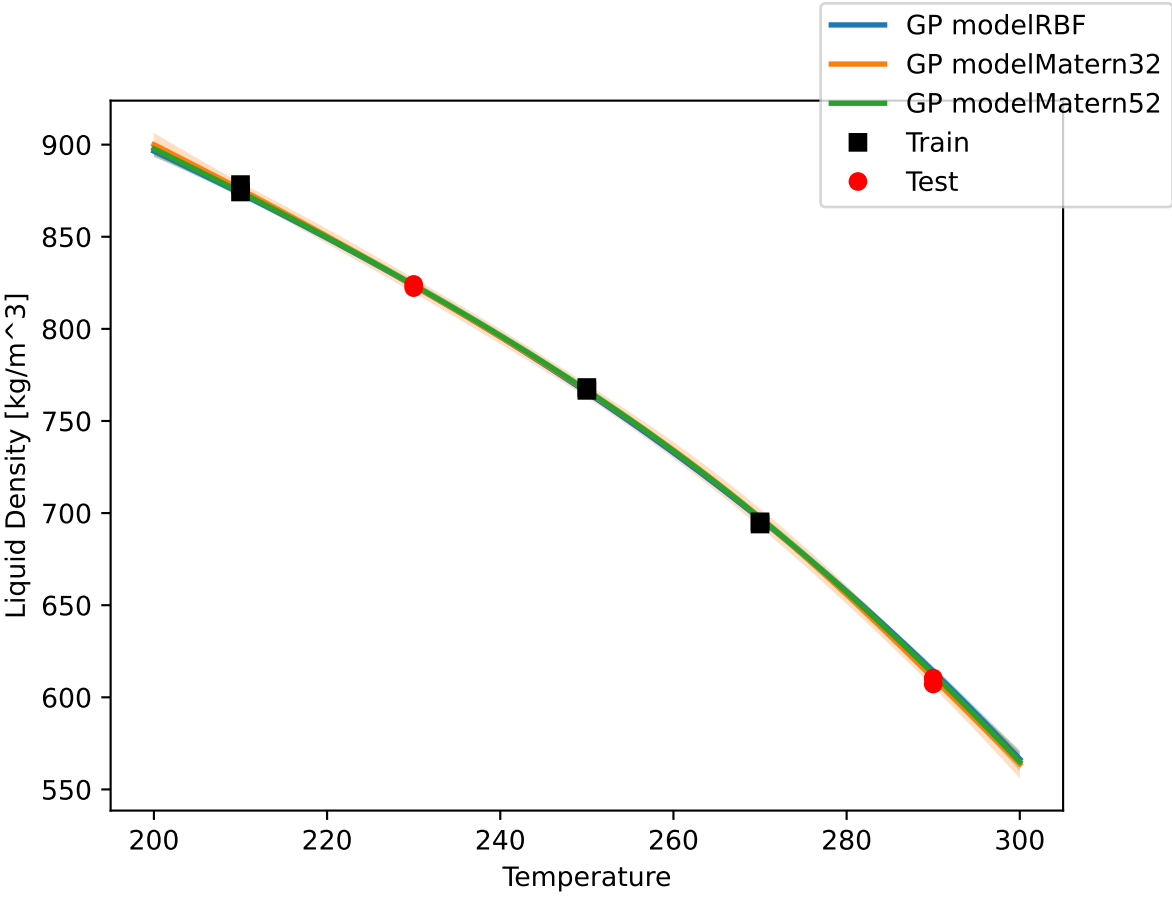

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

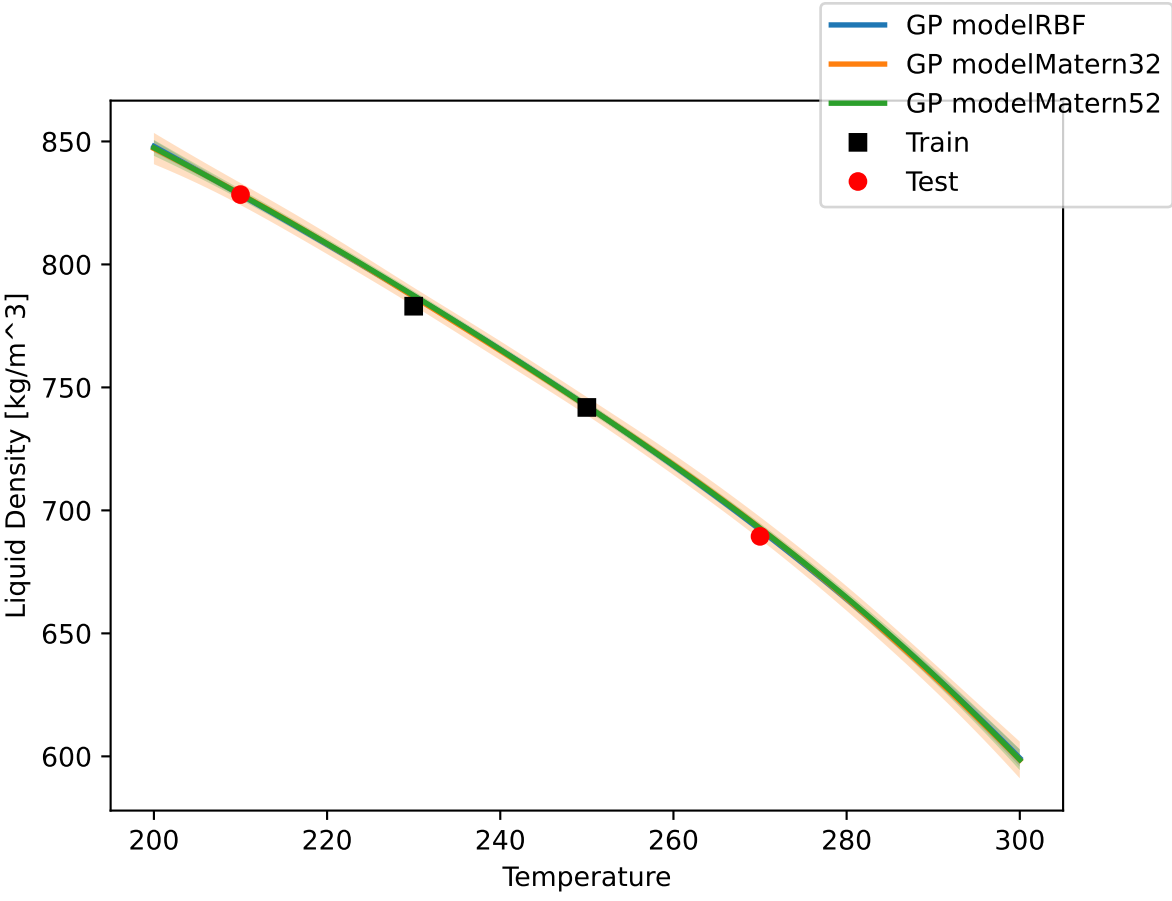

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

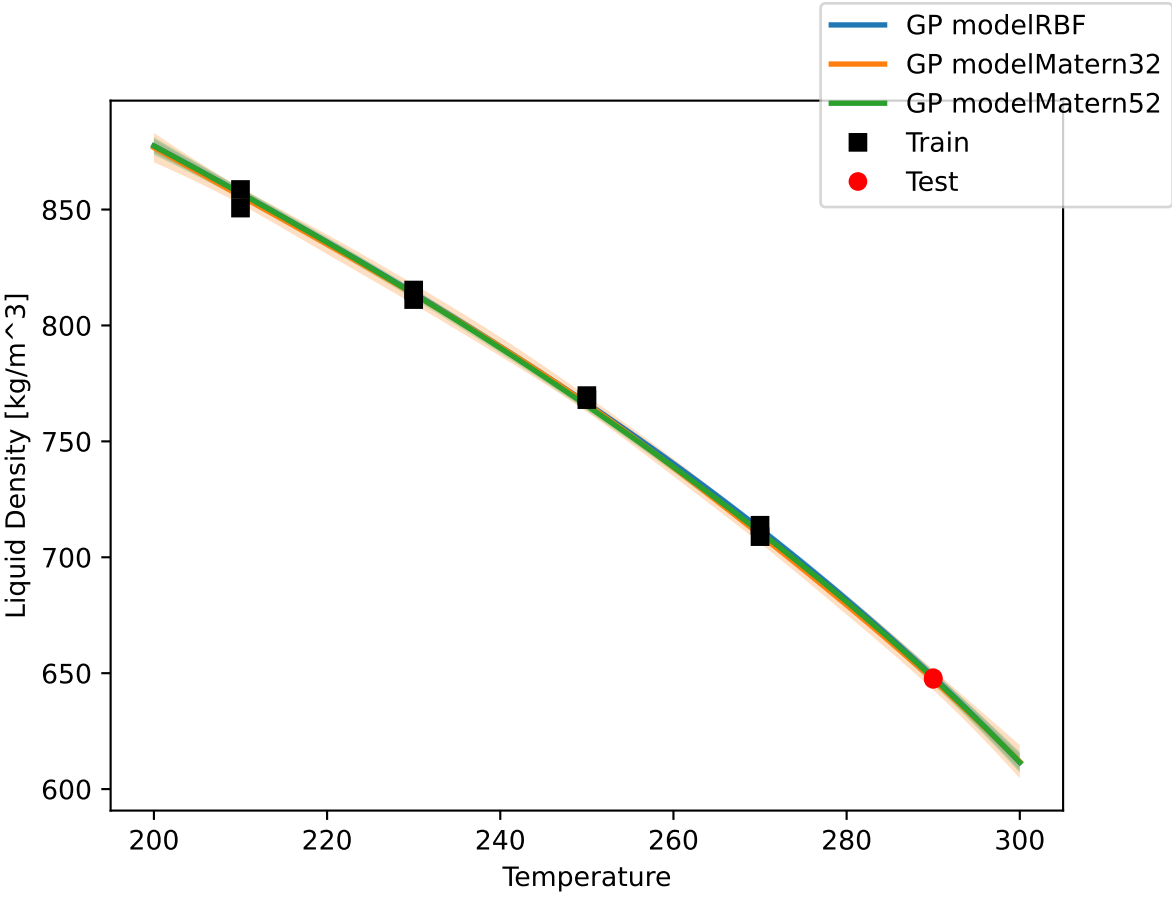

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
800
700
600
500
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

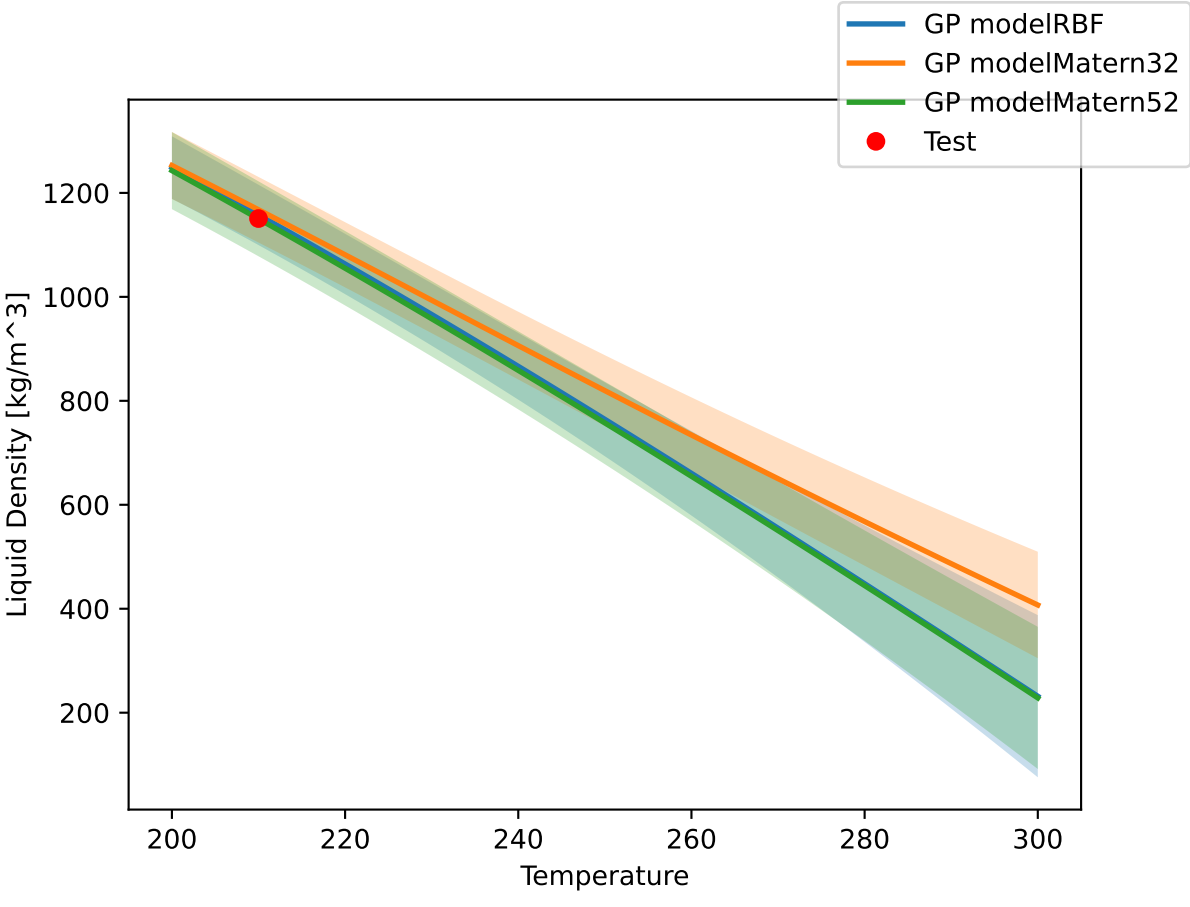

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

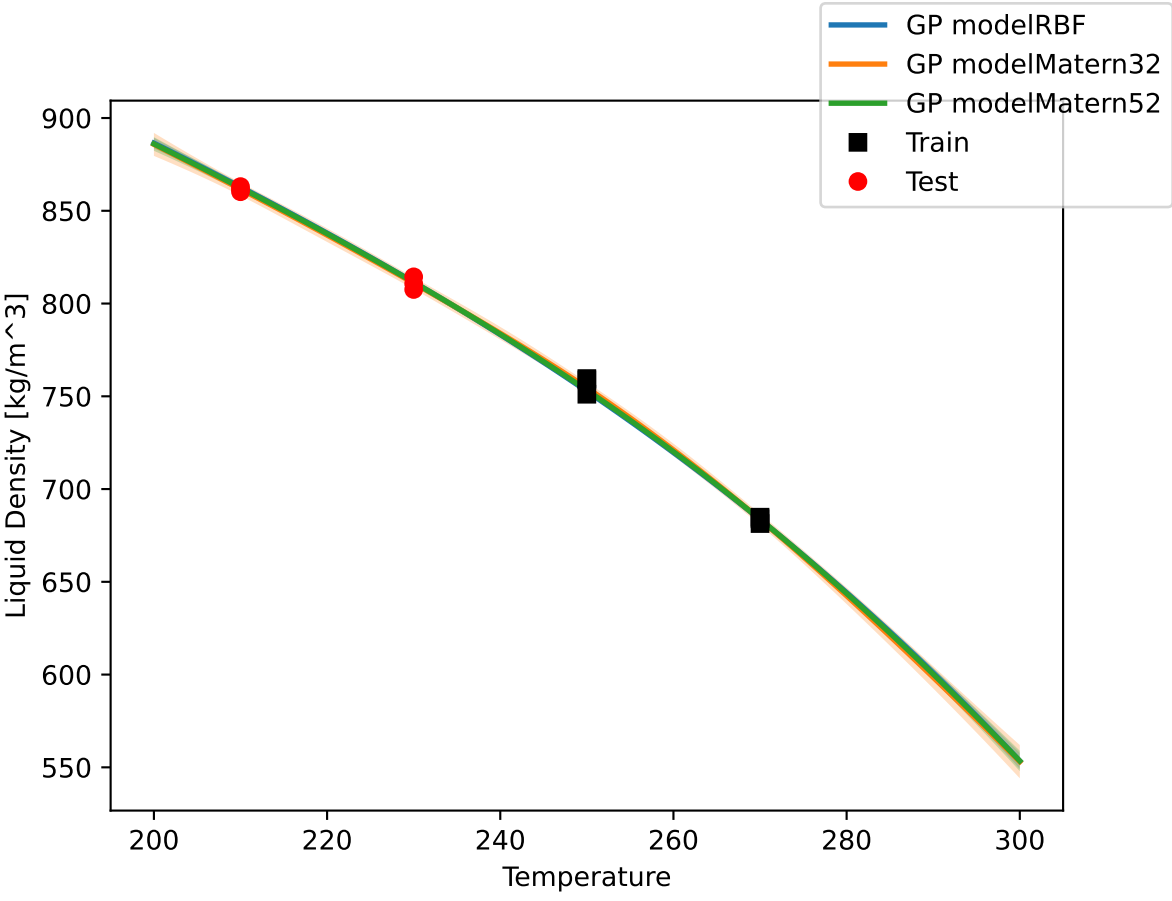

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

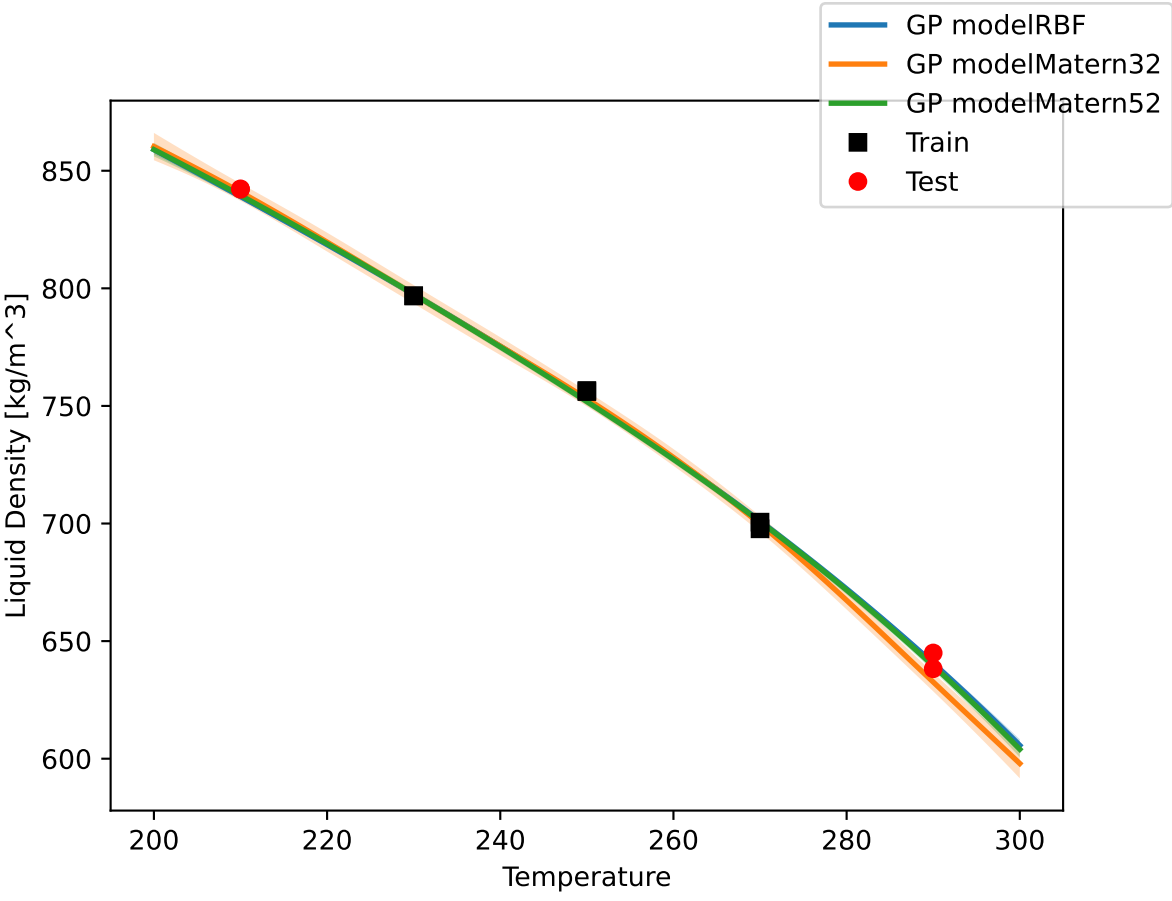

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

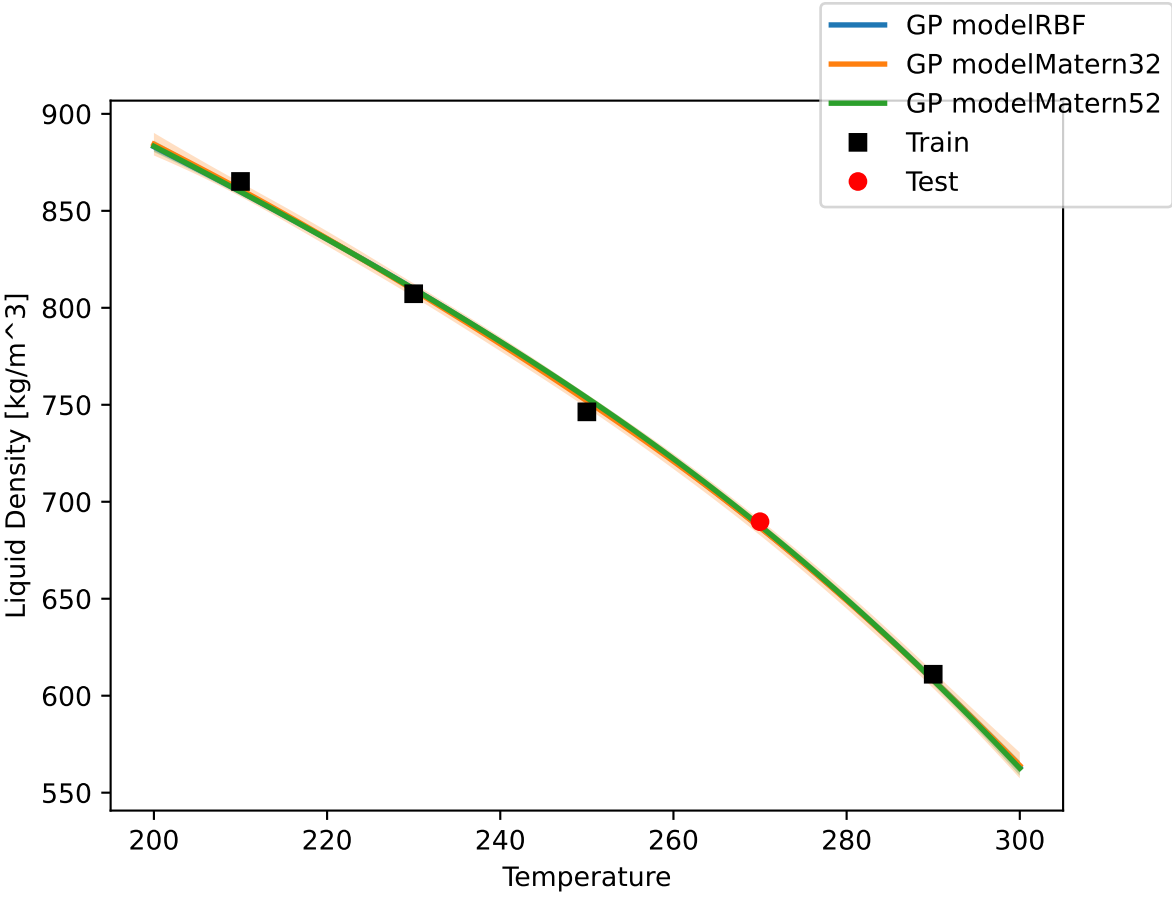

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

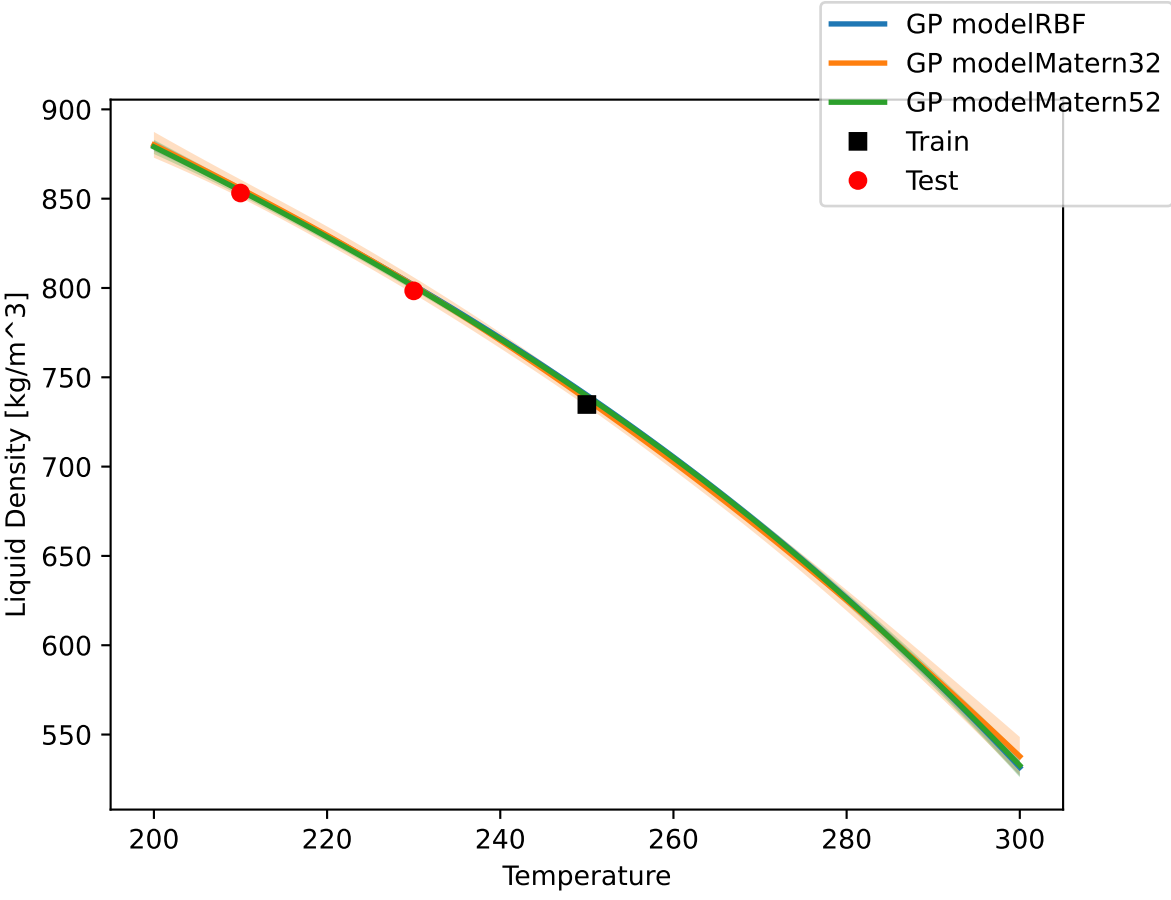

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

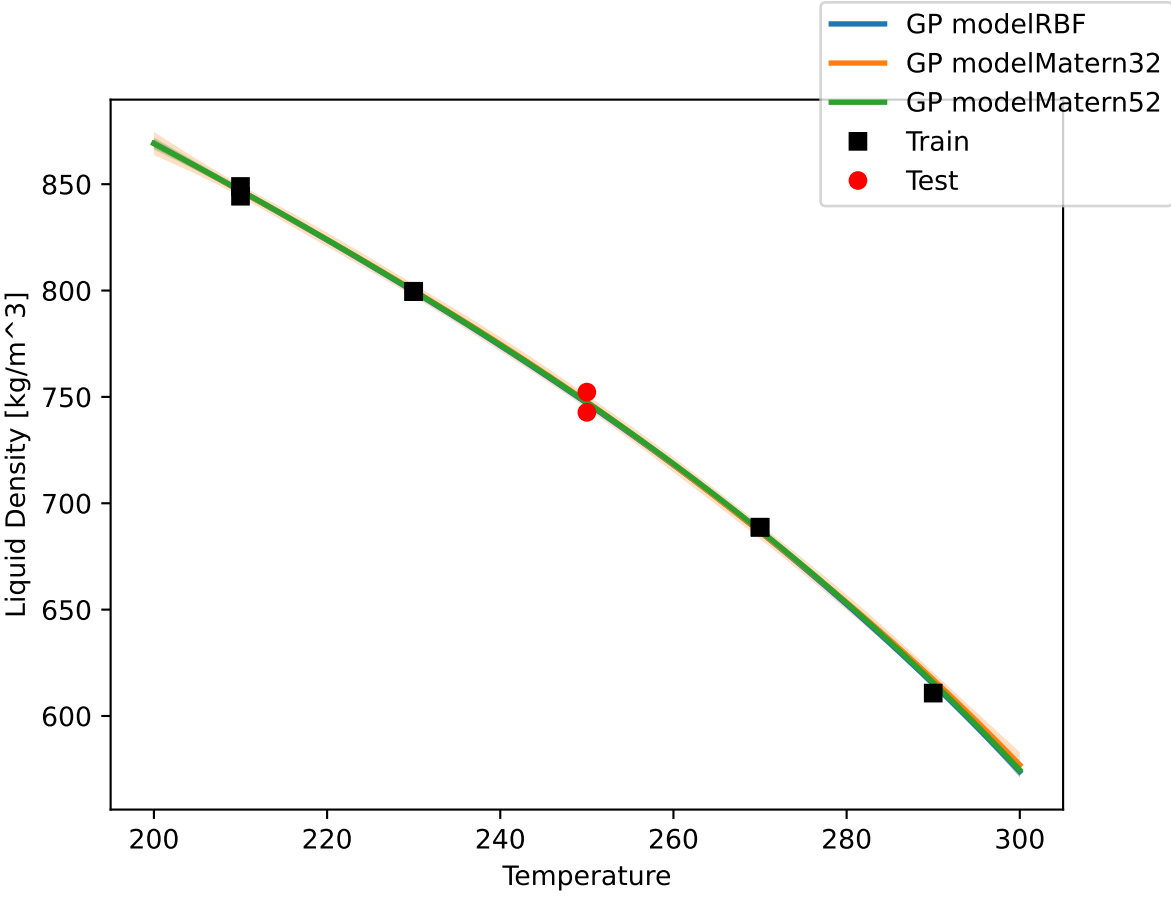

GP modelRBF
GP modelMatern32
GP modelMatern52
Test
Liquid Density [kg/m^3]
1200
1000
800
600
400
200
200
220
240
260
280
300
Temperature

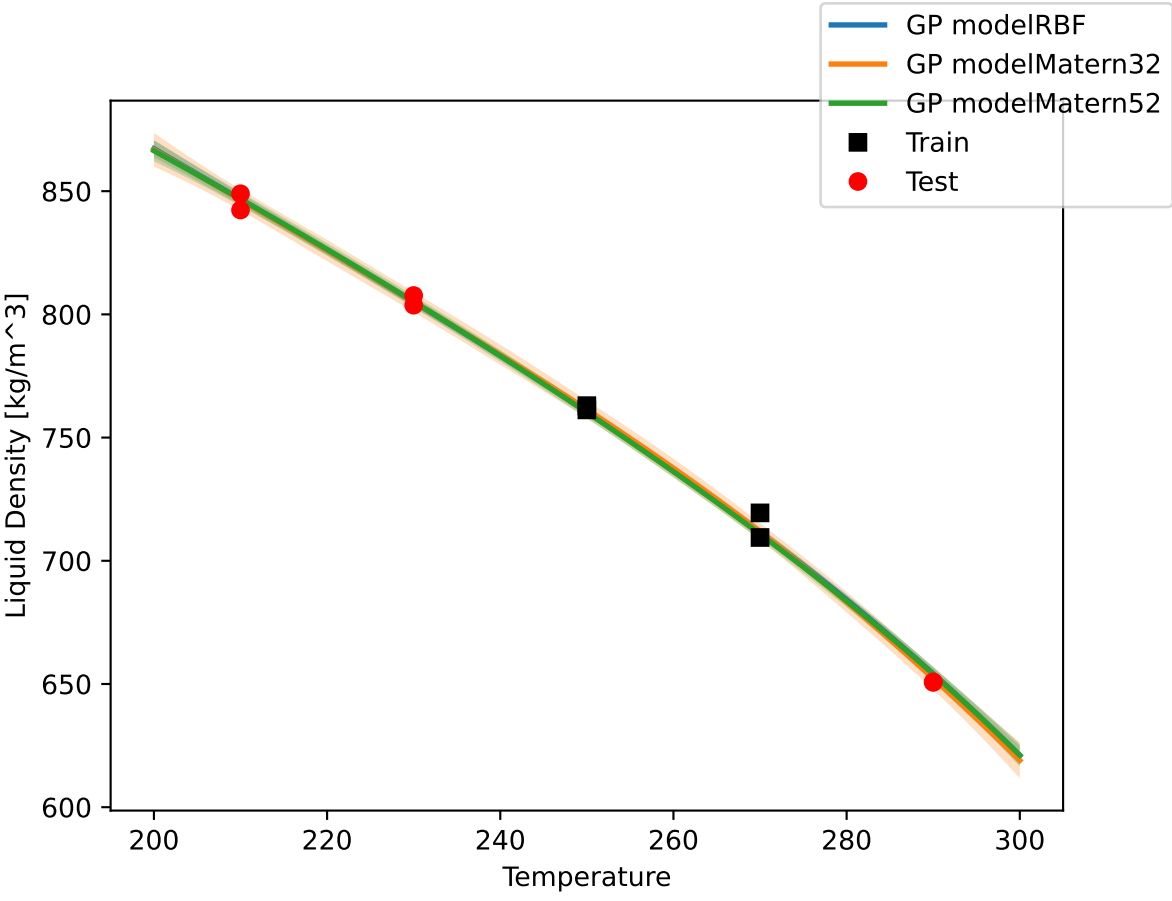

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

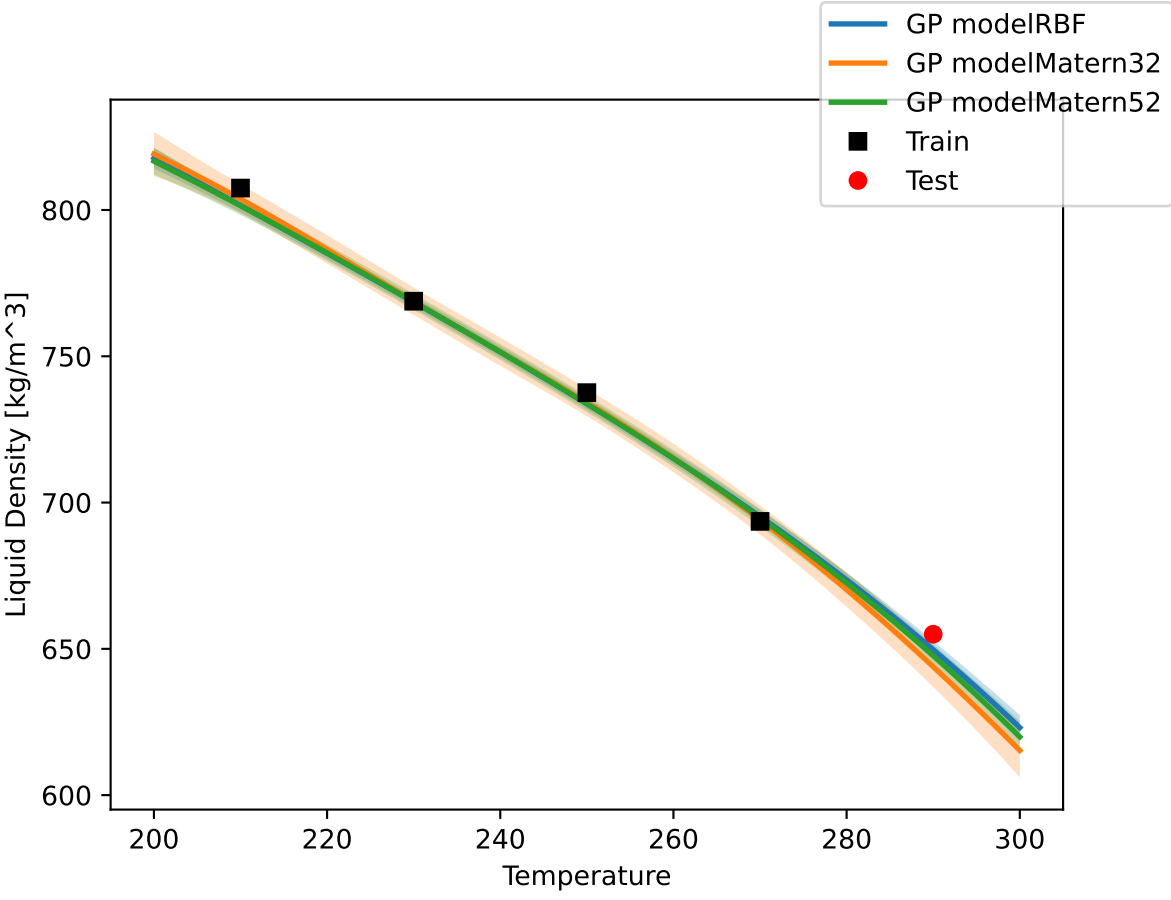

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

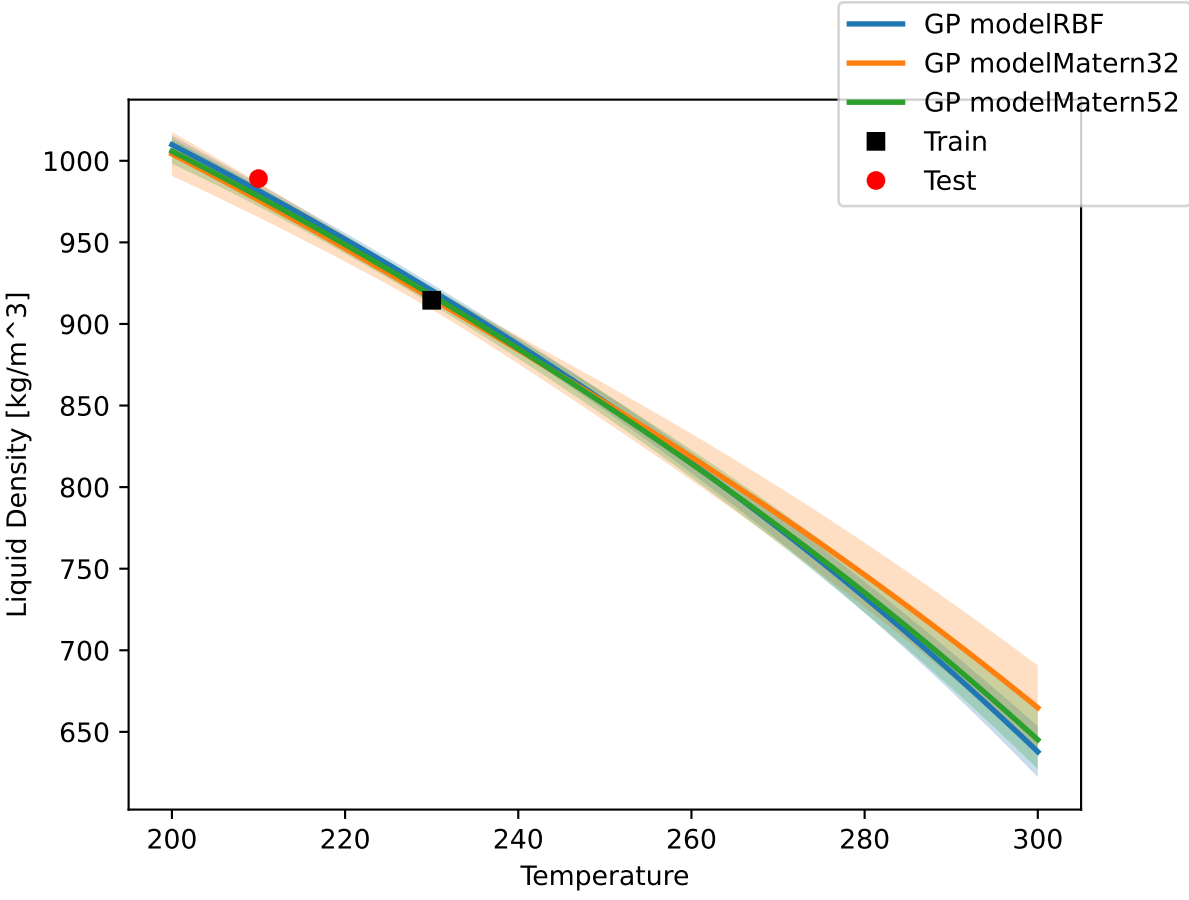

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
Temperature
900
850
800
750
700
650
600
550
200
220
240
260
280
300

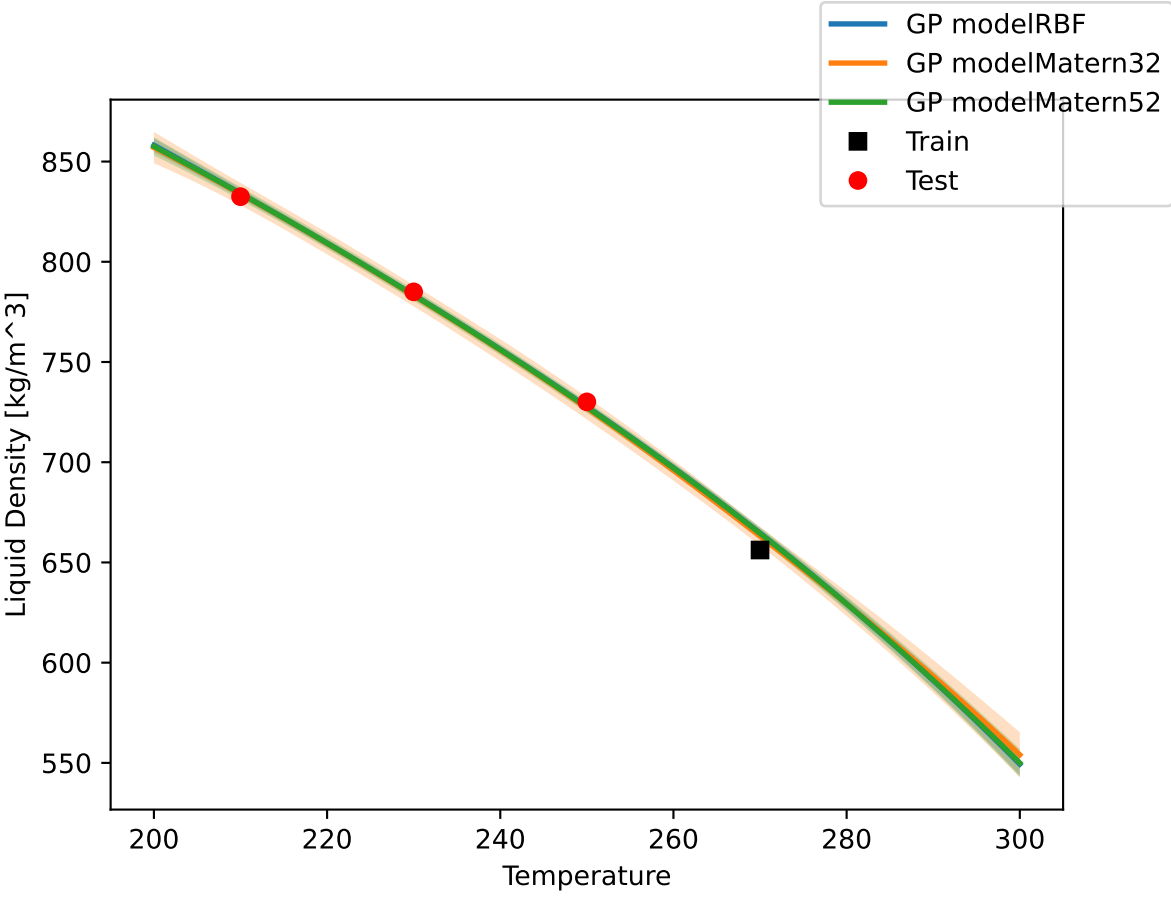

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

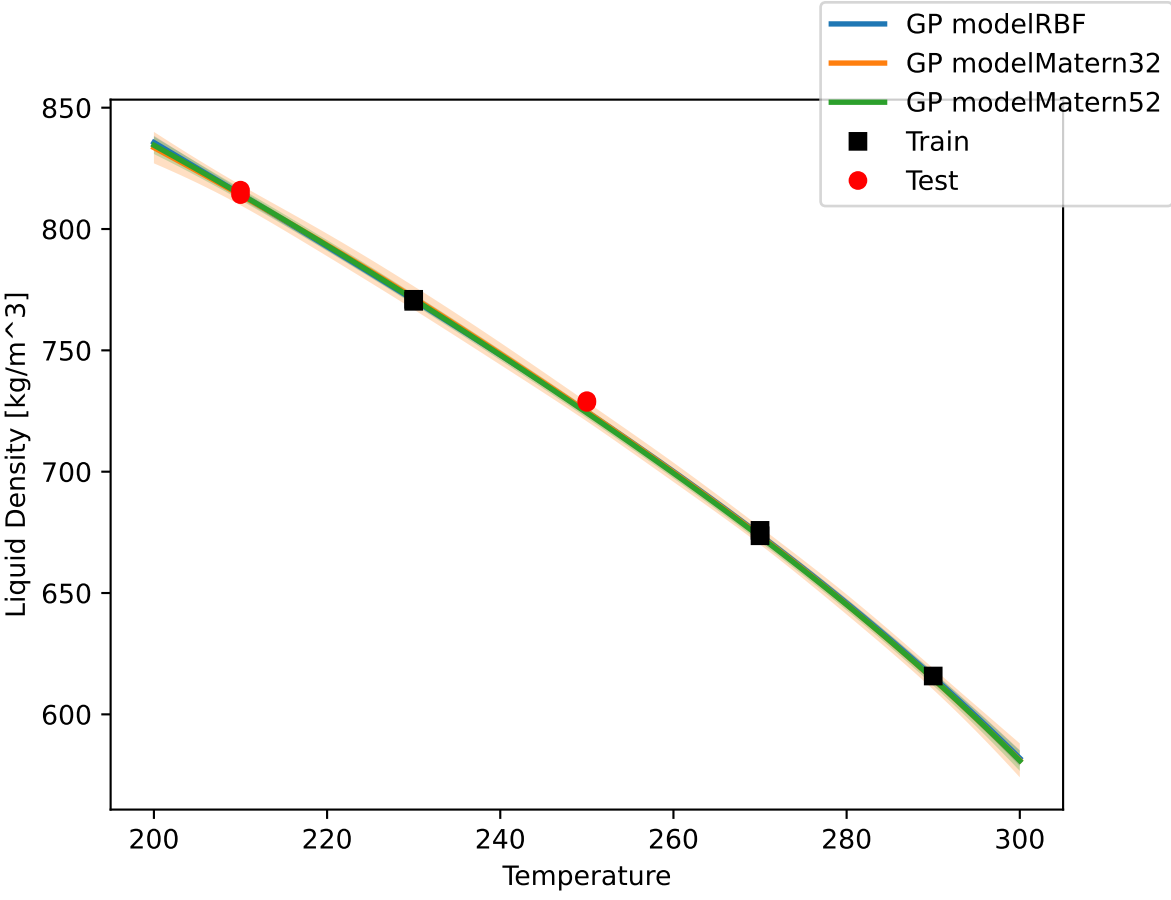

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

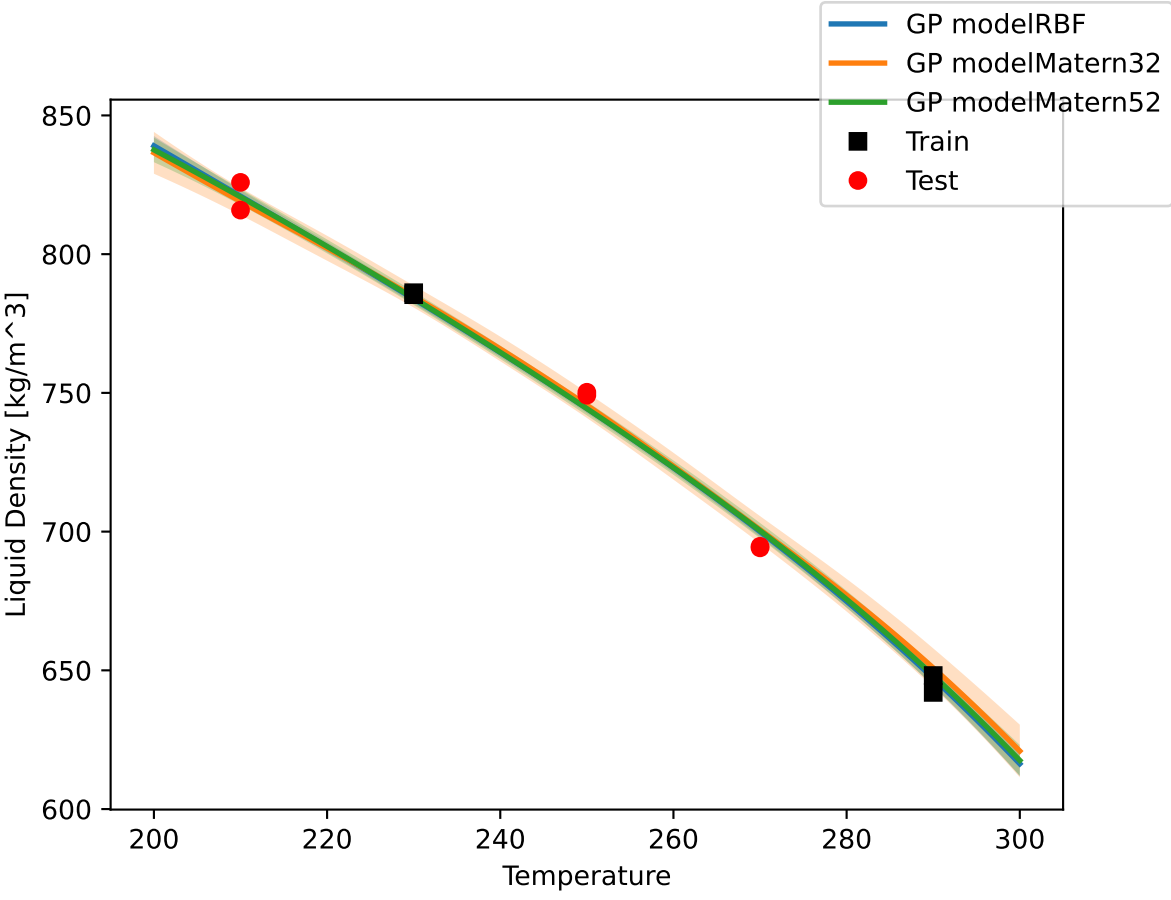

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

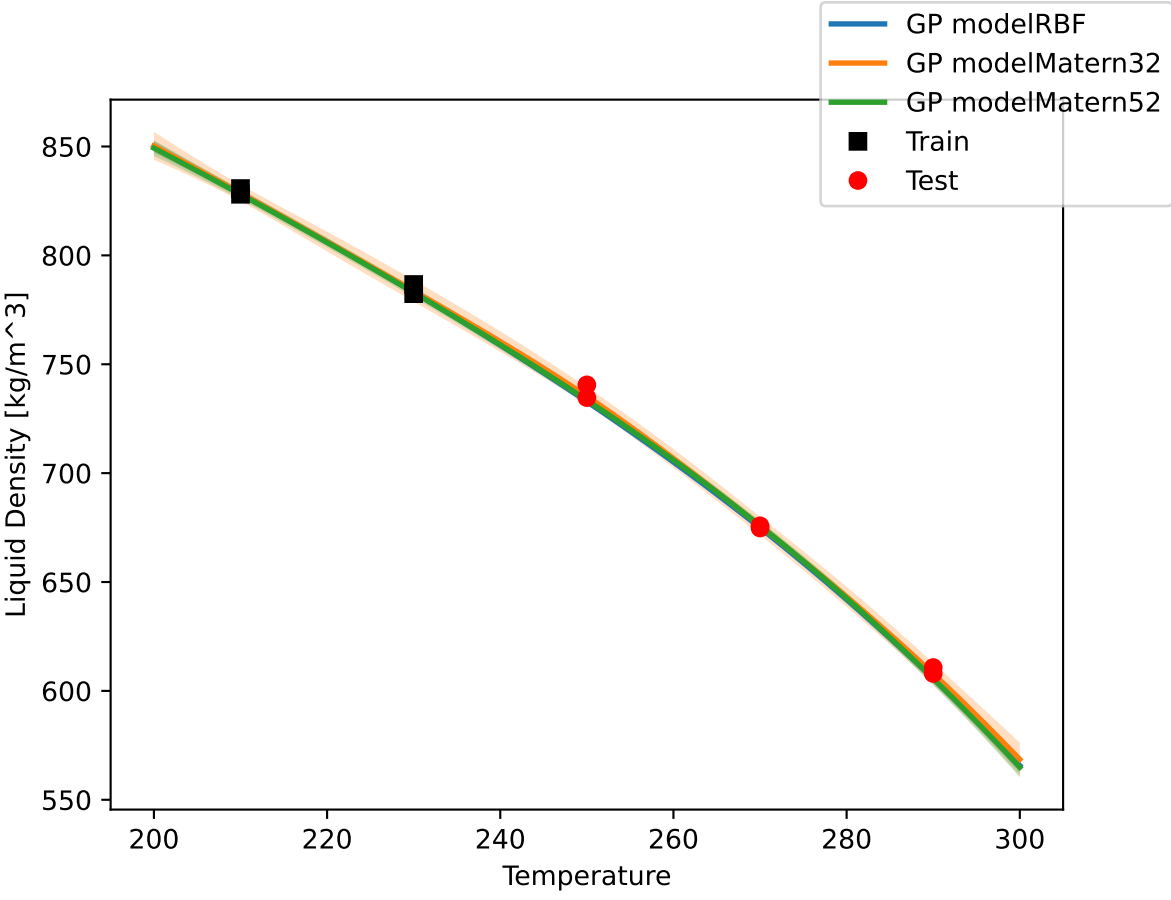

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

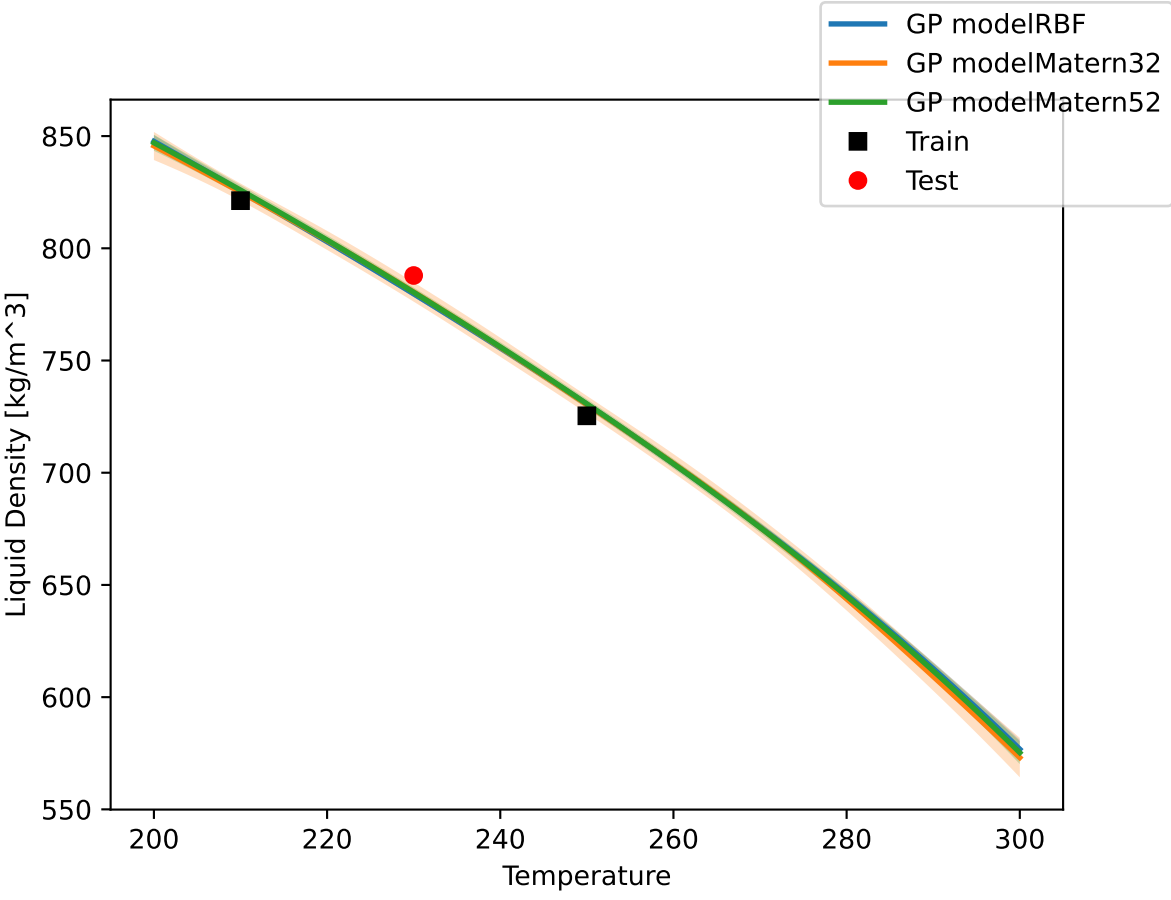

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
1000
950
900
850
800
750
700
650
200
220
240
260
280
300
Temperature

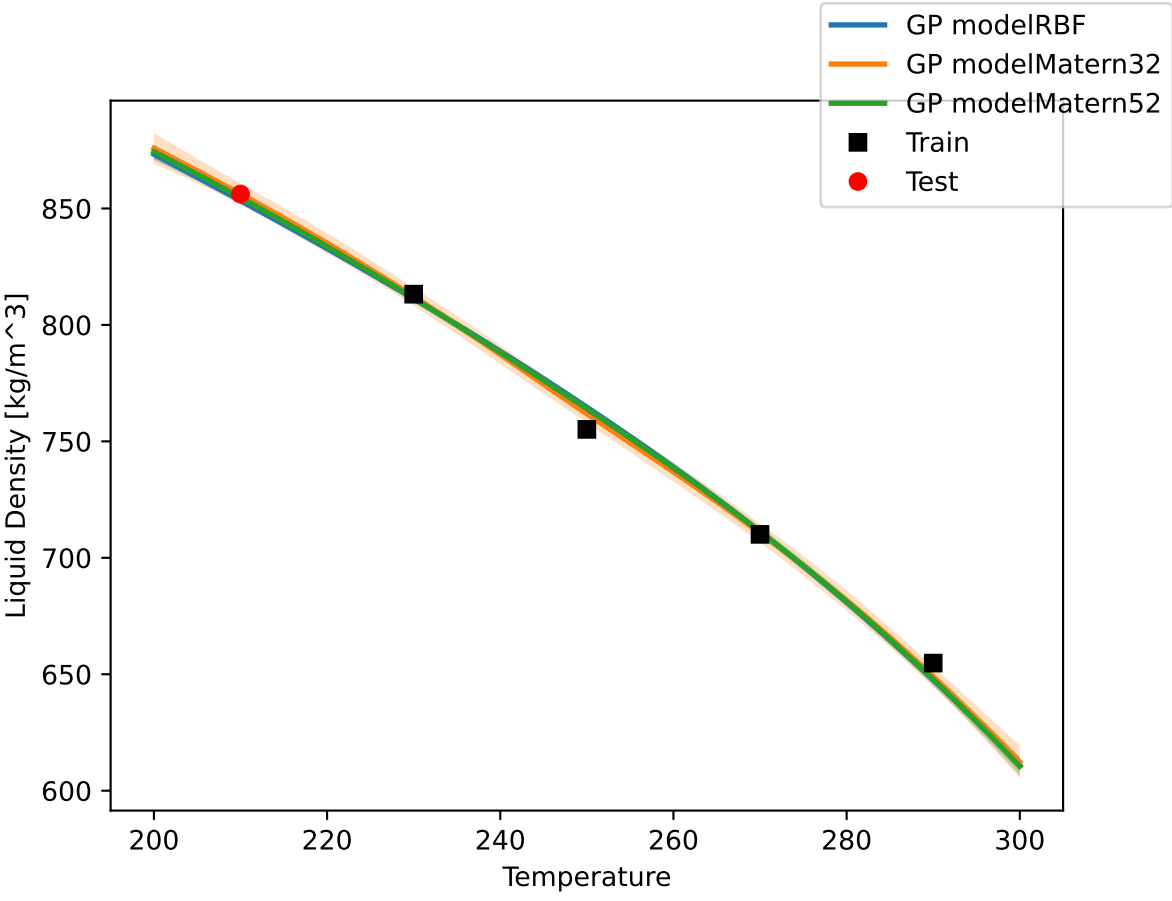

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

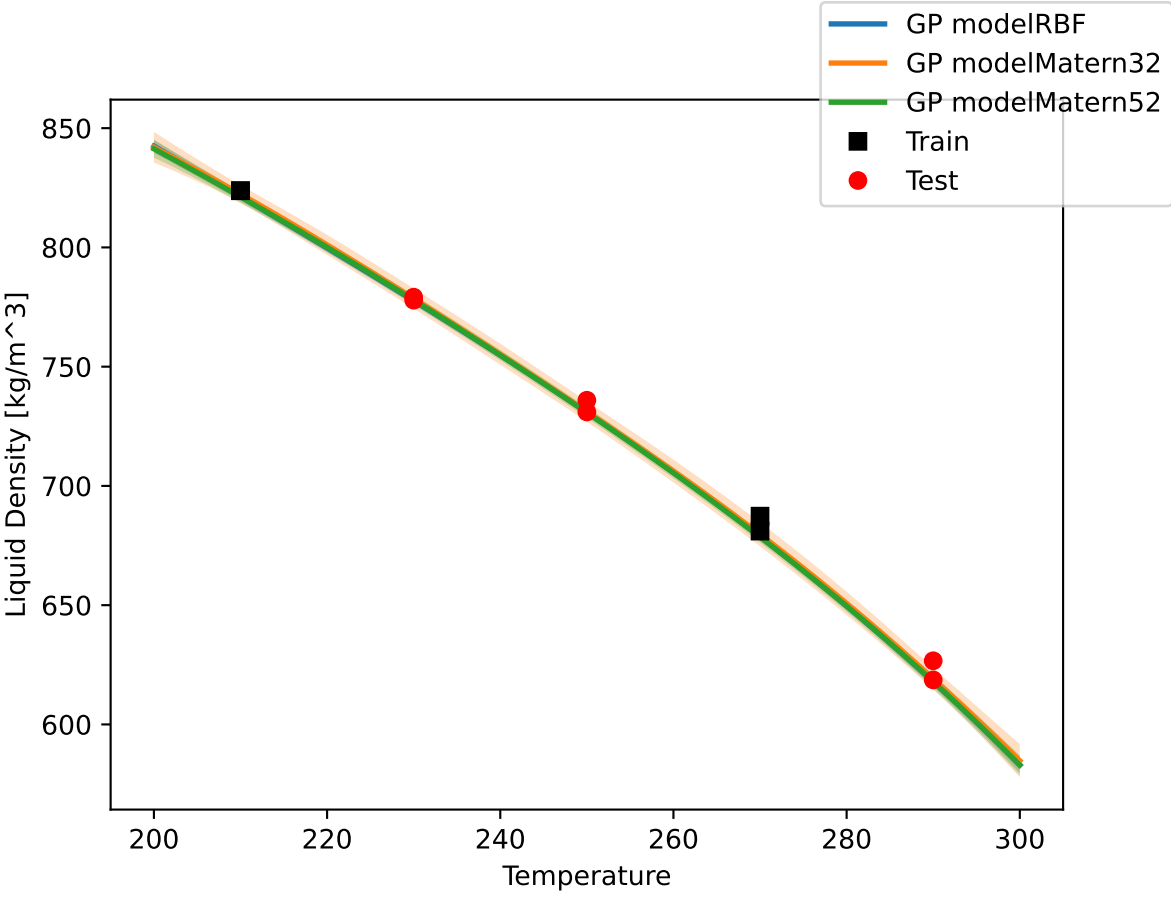

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

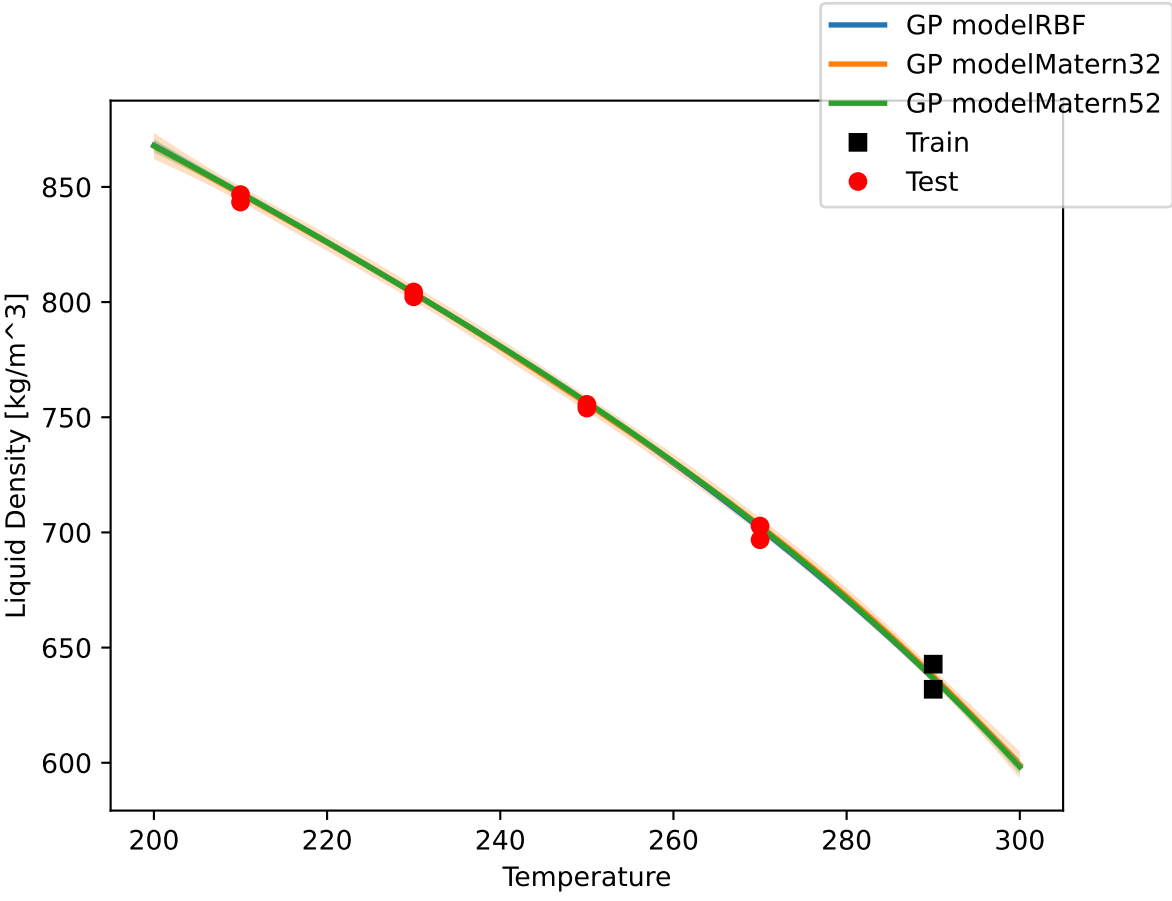

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

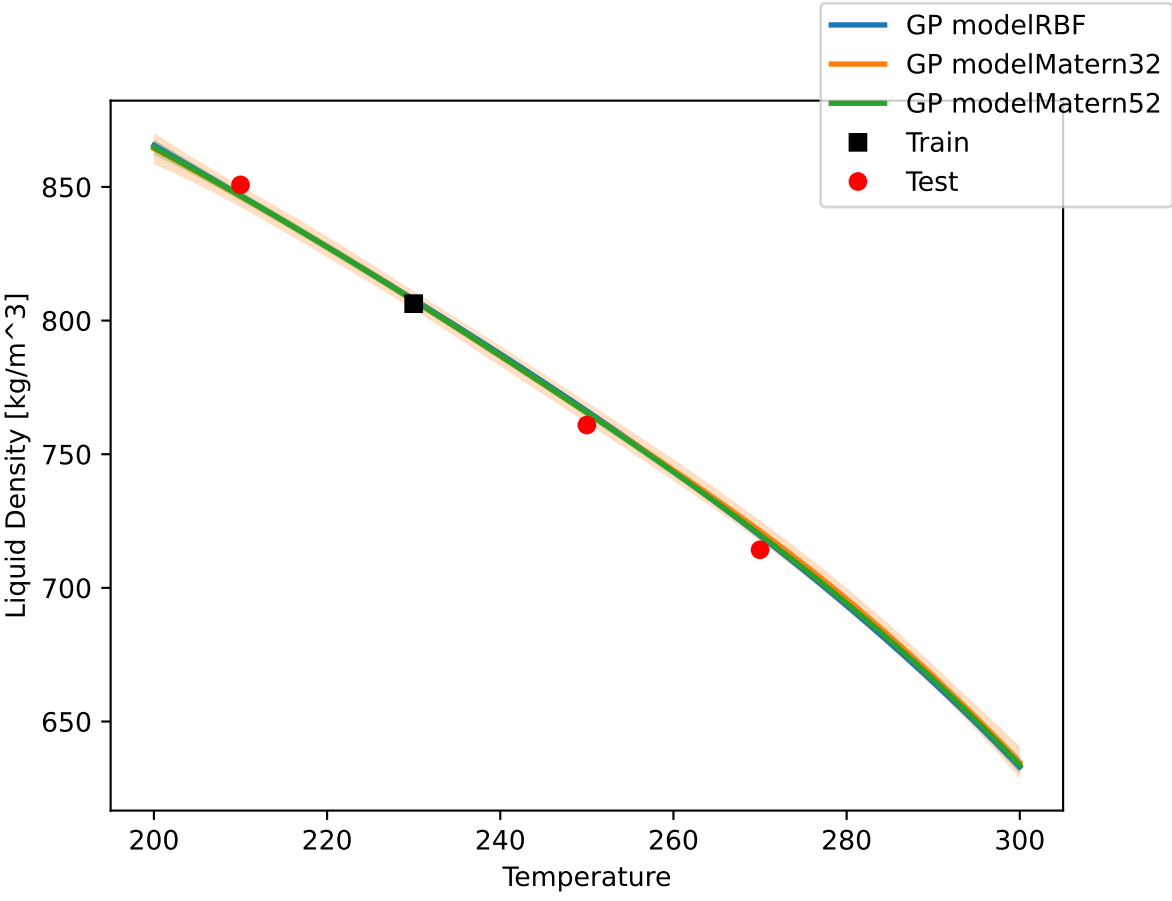

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

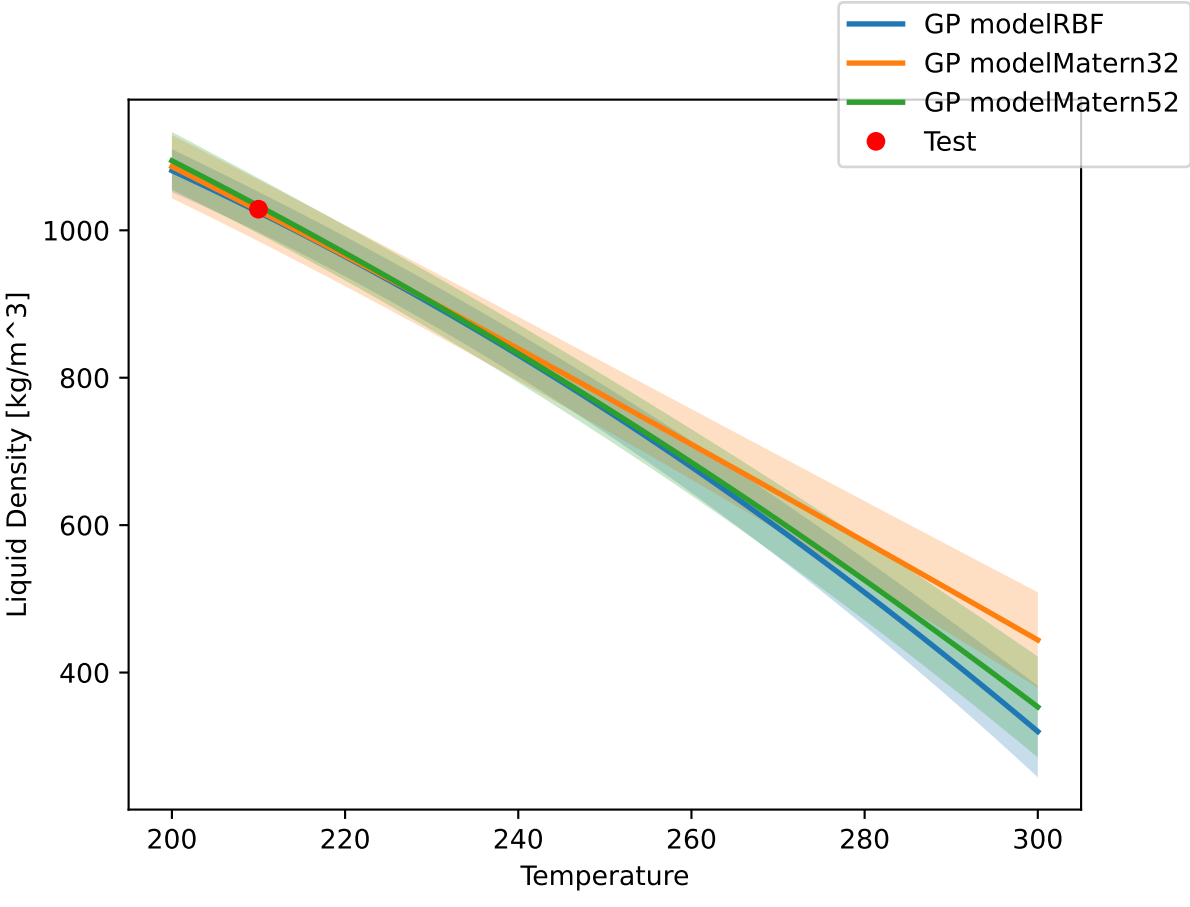

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

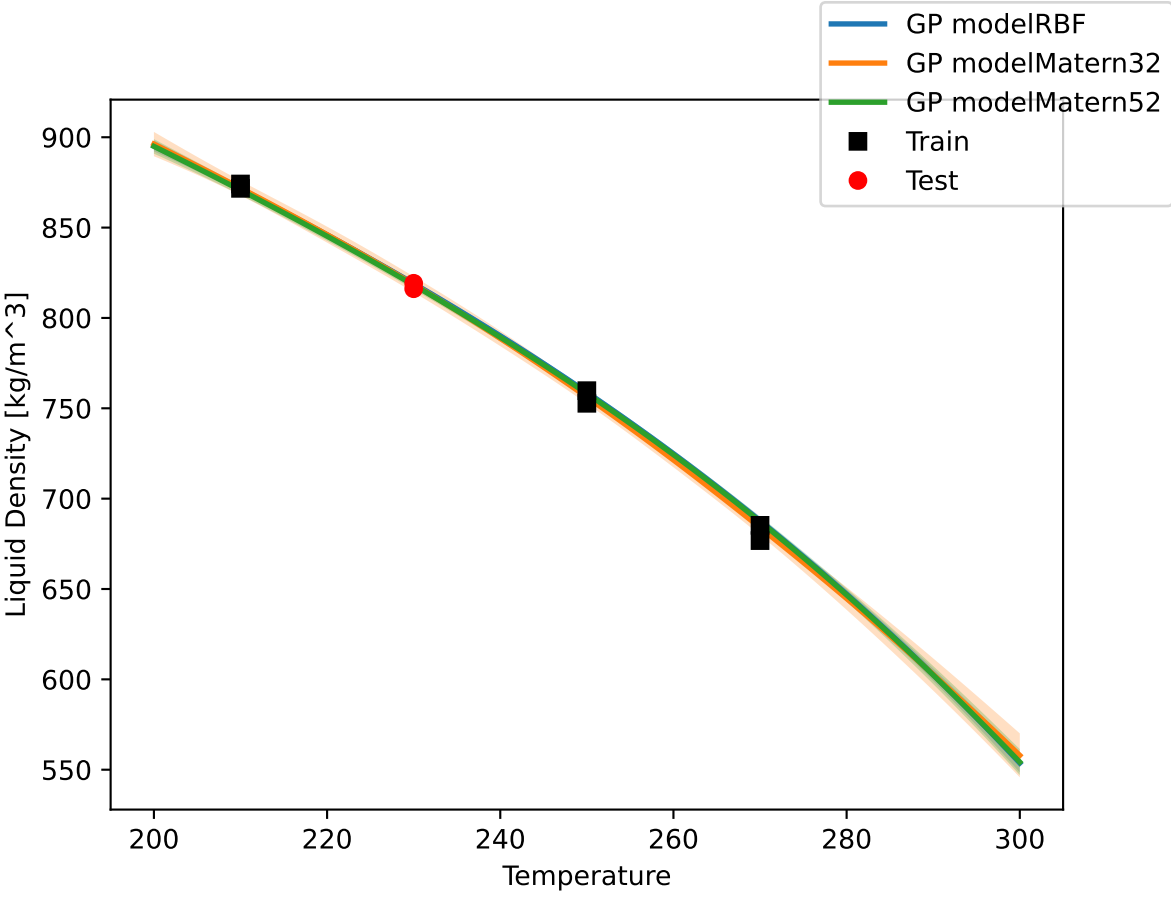

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

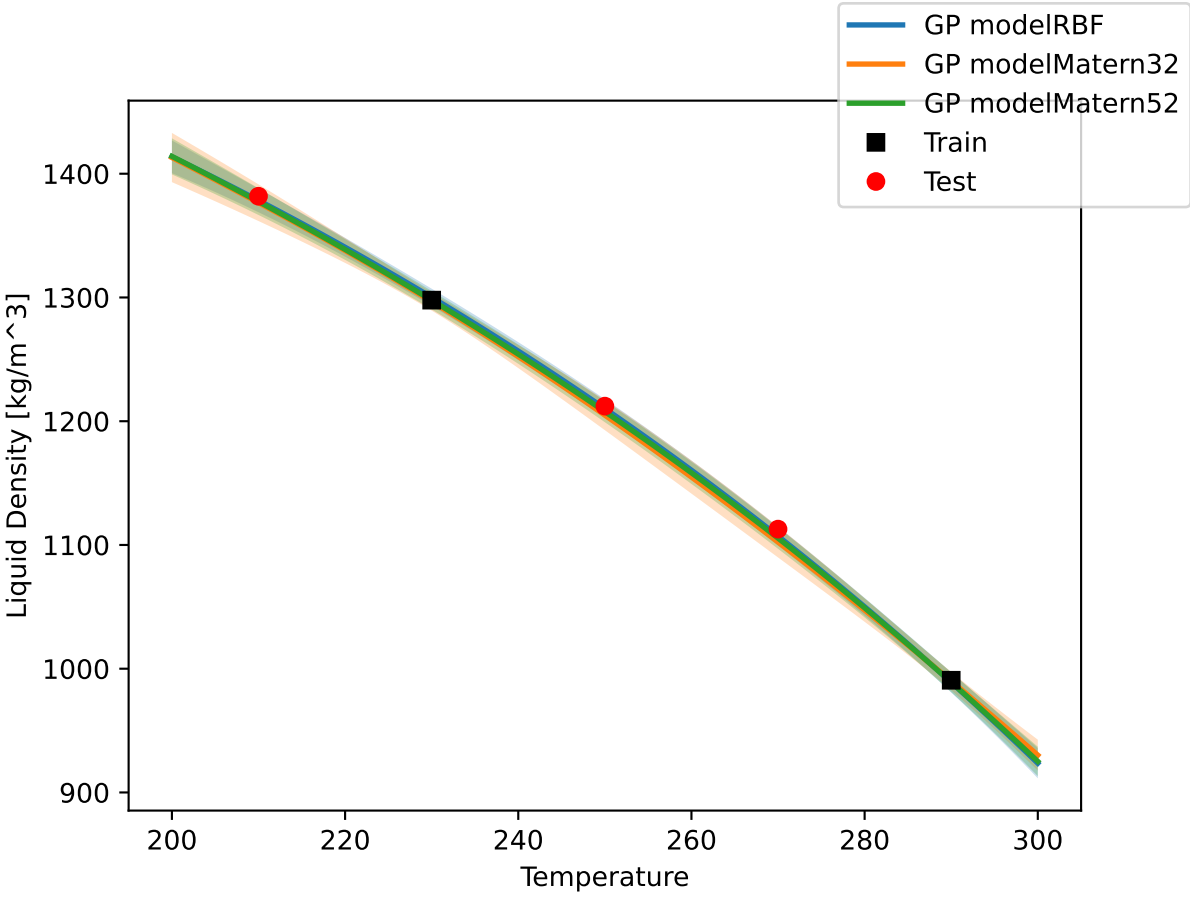

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

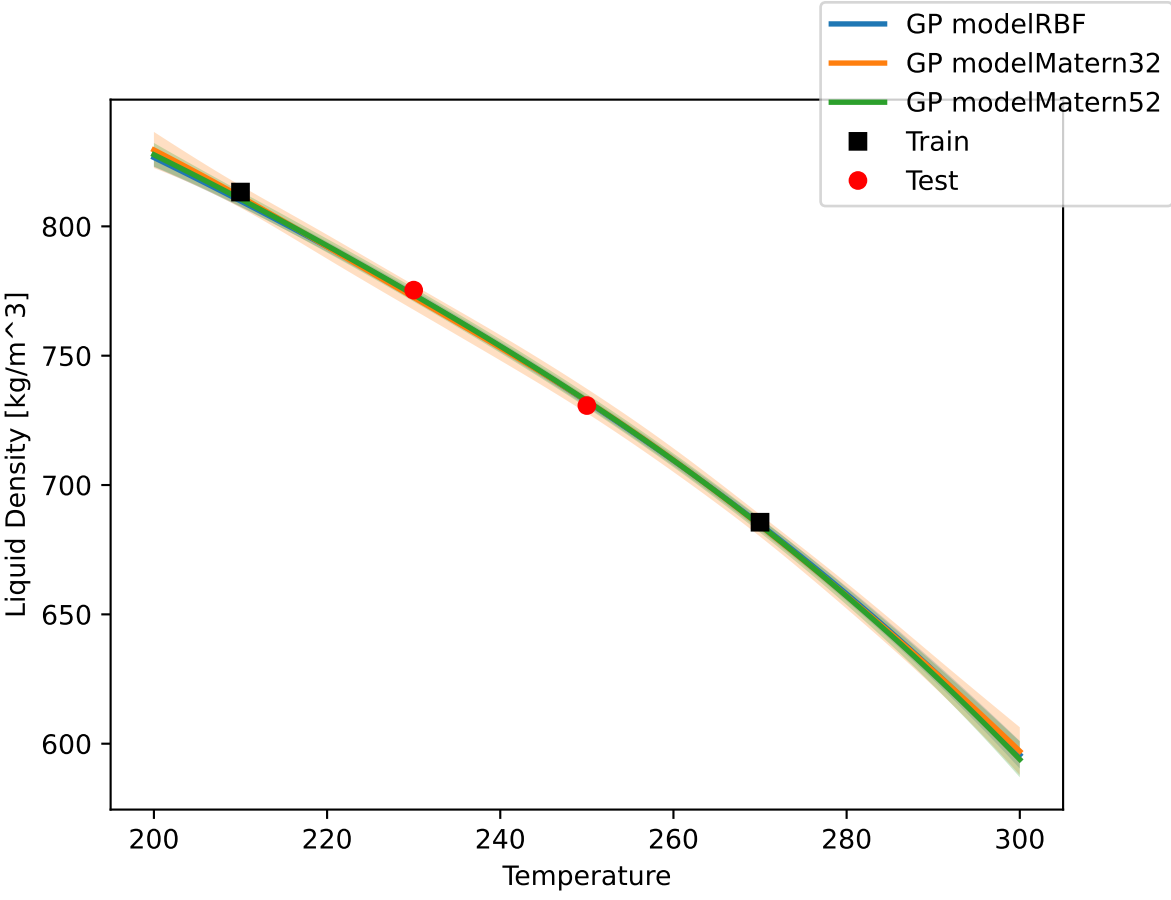

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

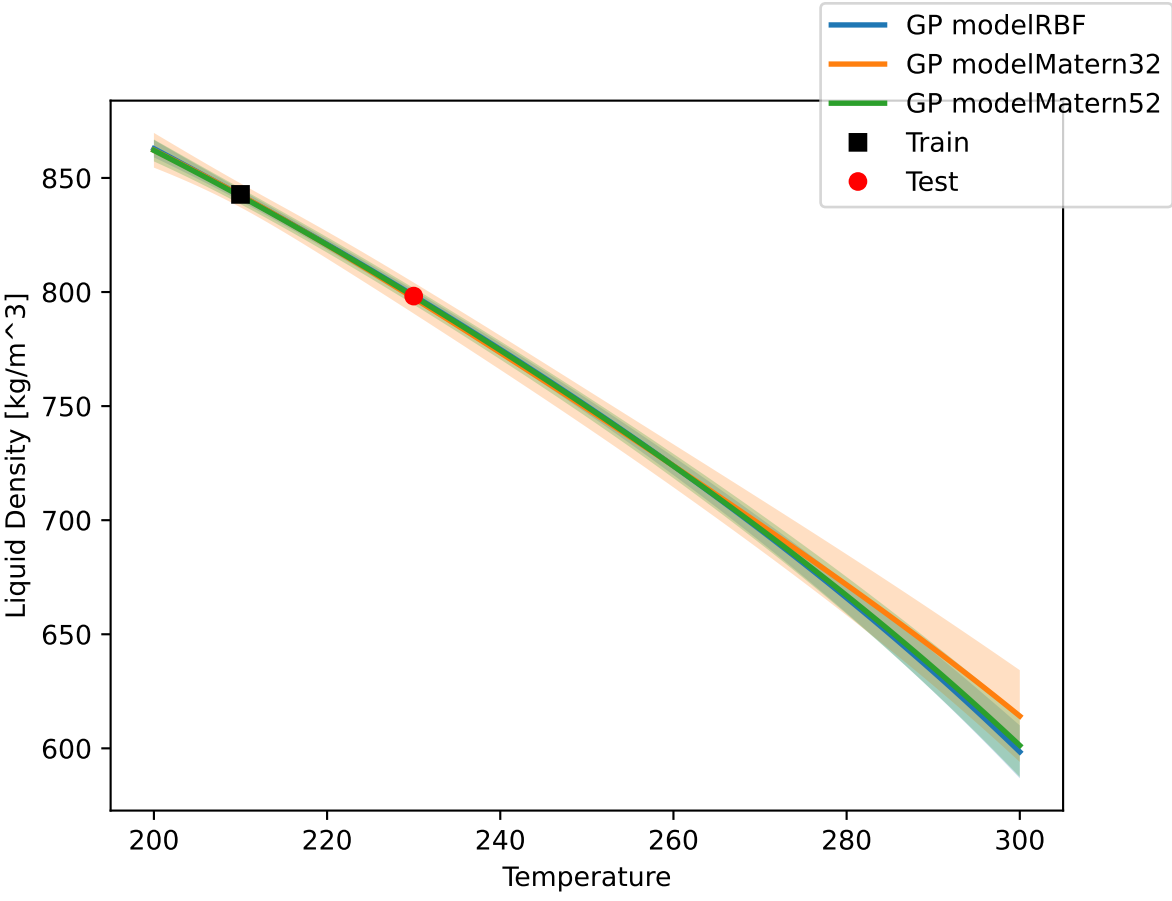

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

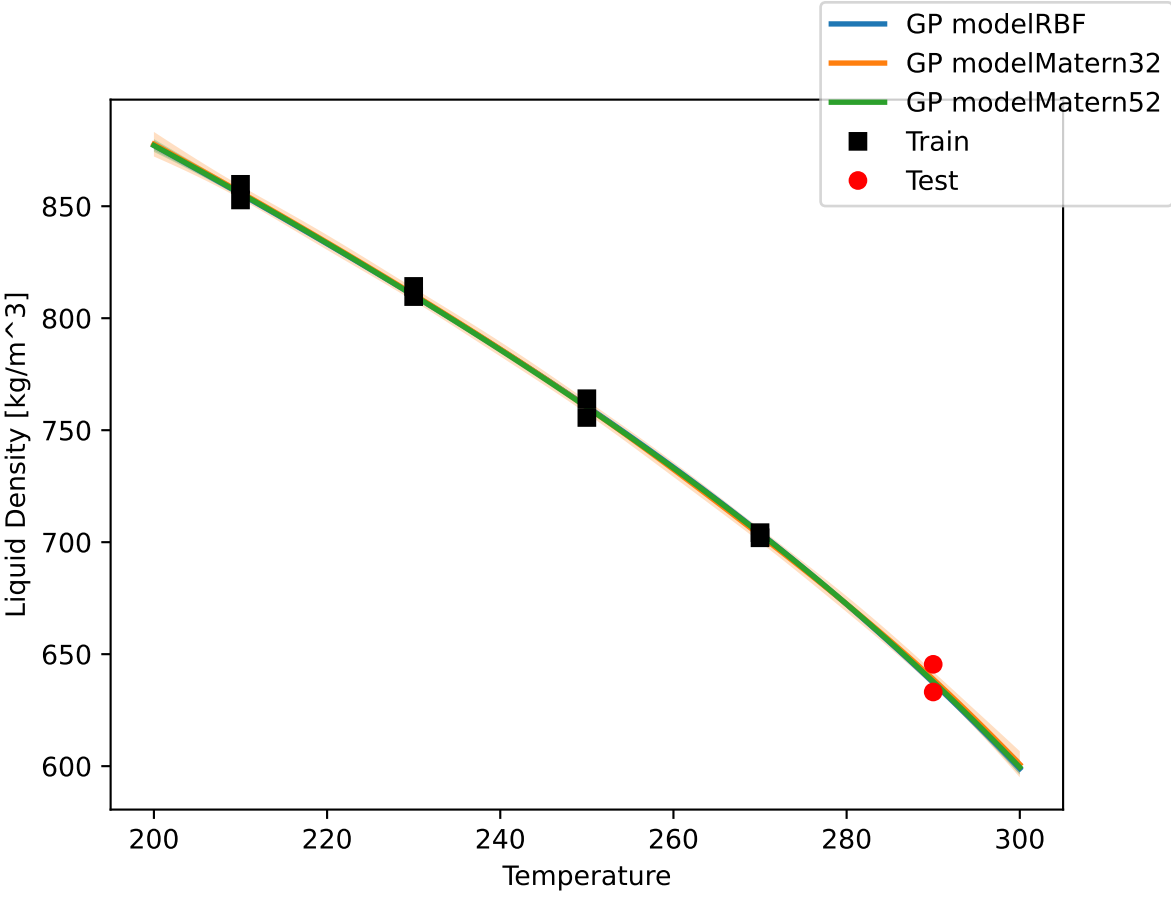

GP modelRBF
GP modelMatern32
GP modelMatern52
Test
1000
800
600
400
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

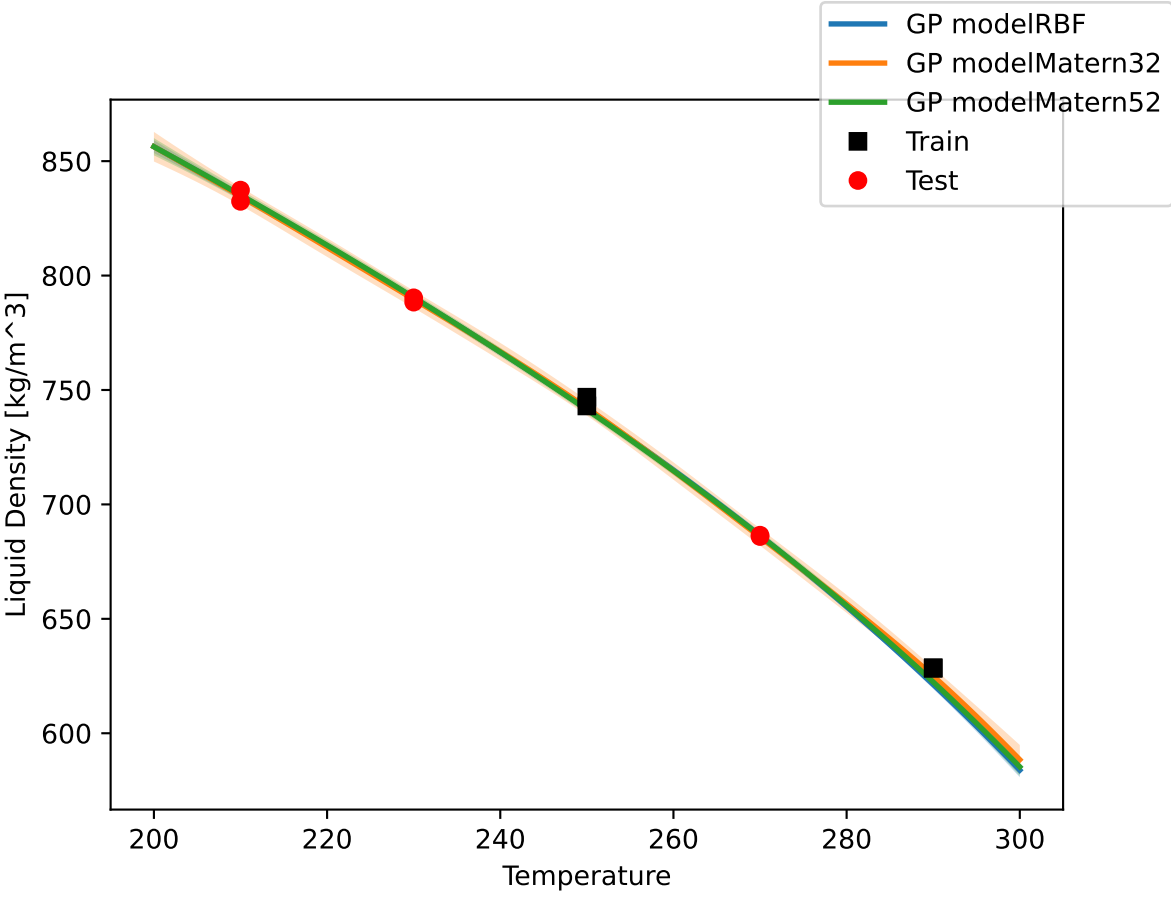

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

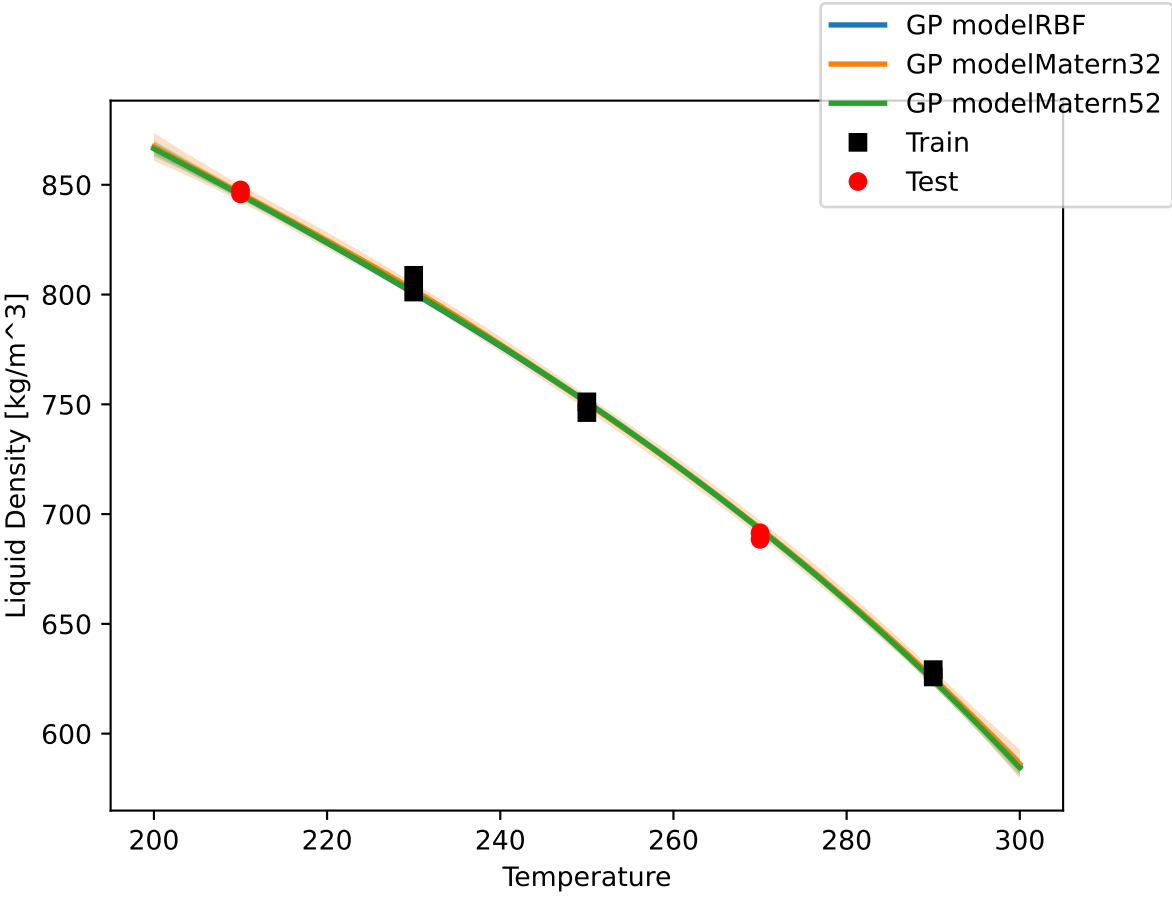

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
1400
1300
1200
1100
1000
900
200
220
240
260
280
300
Temperature

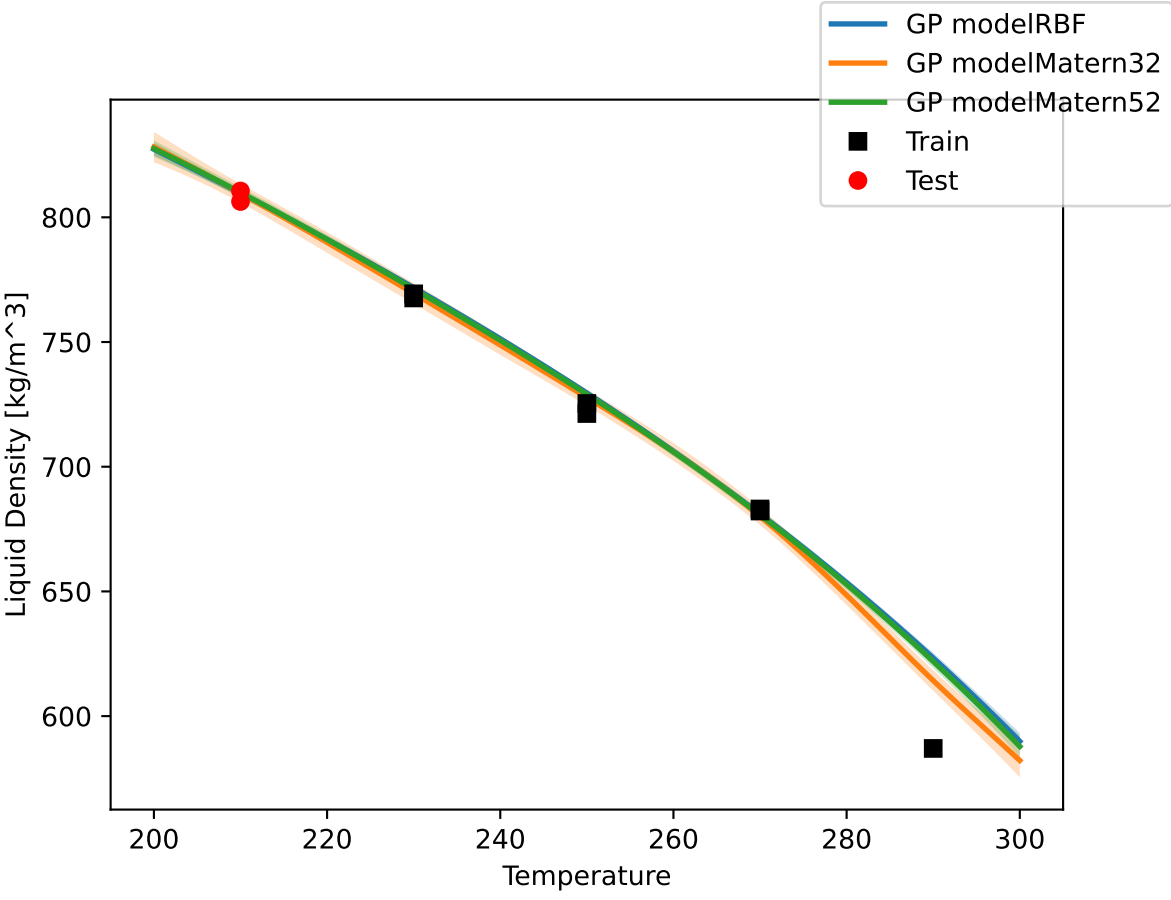

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

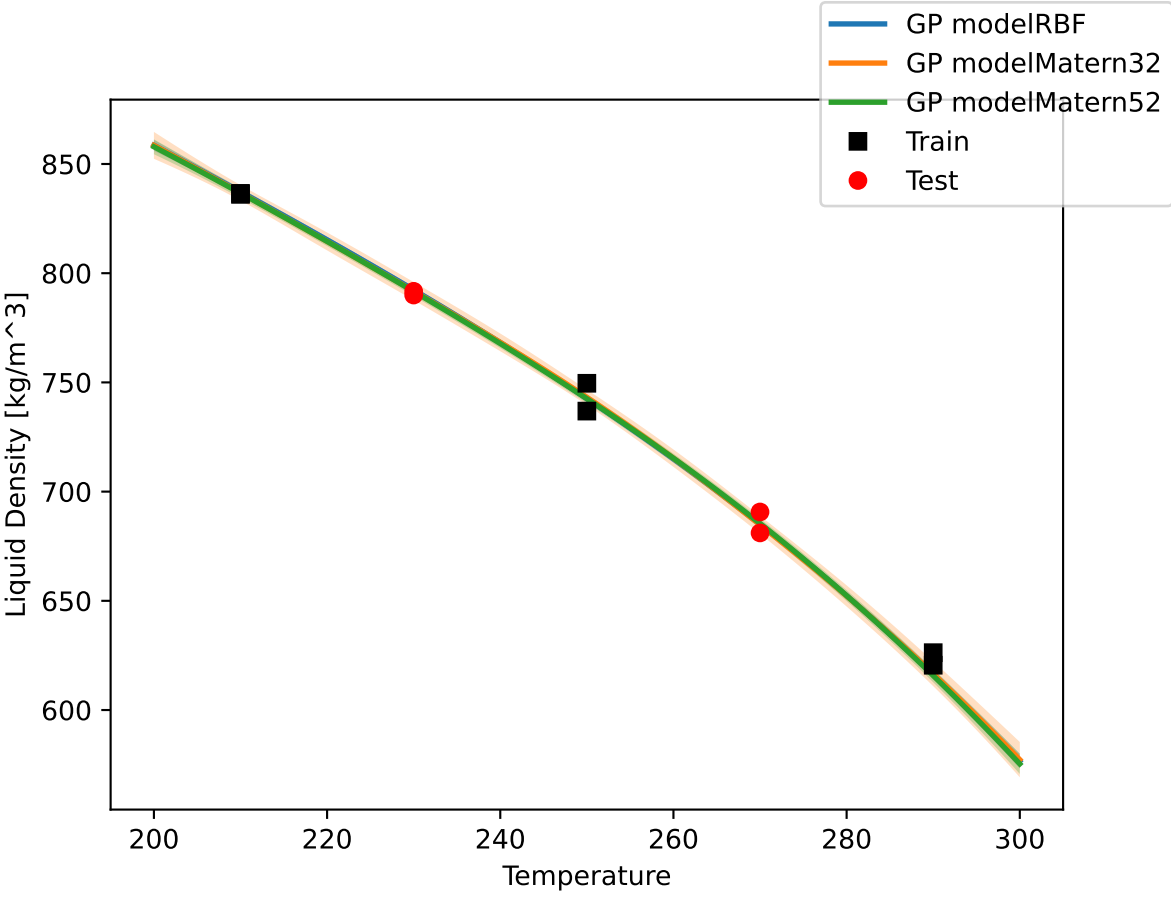

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

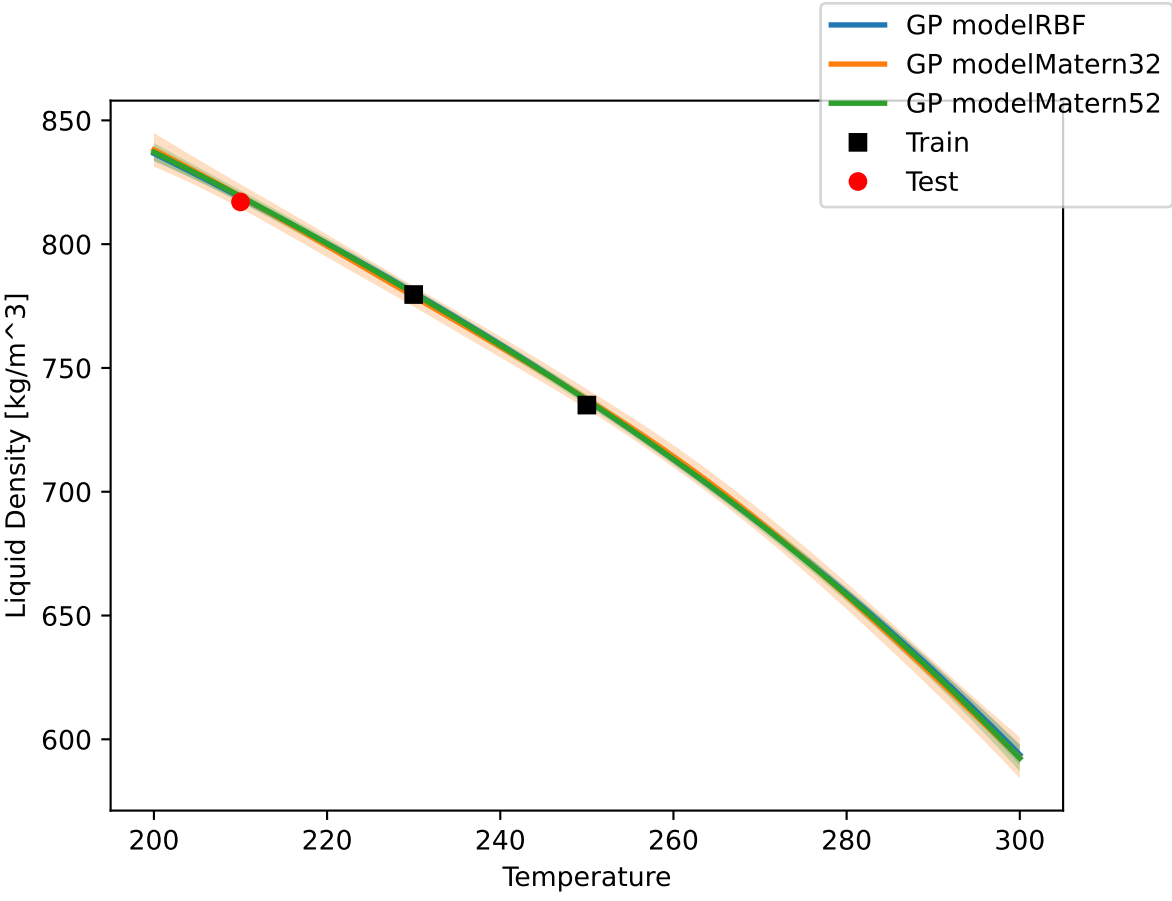

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

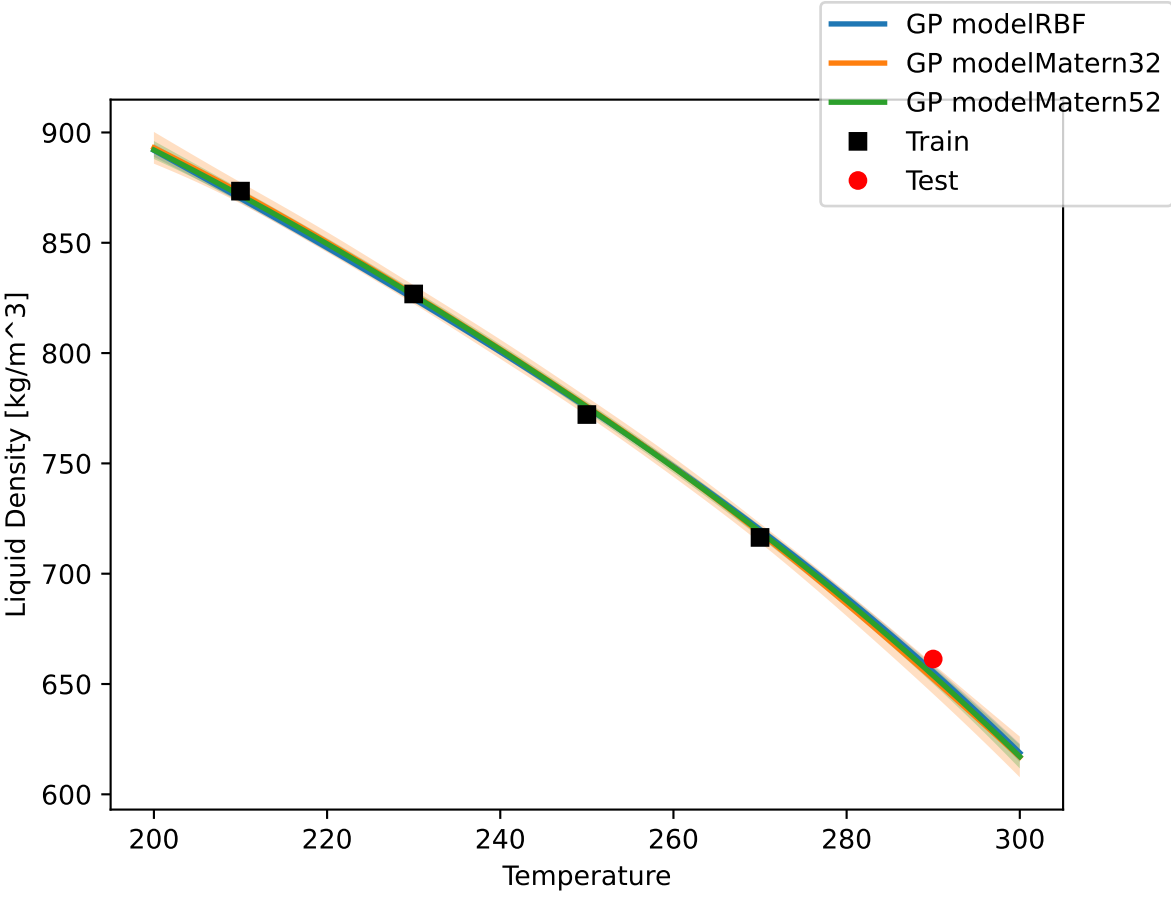

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

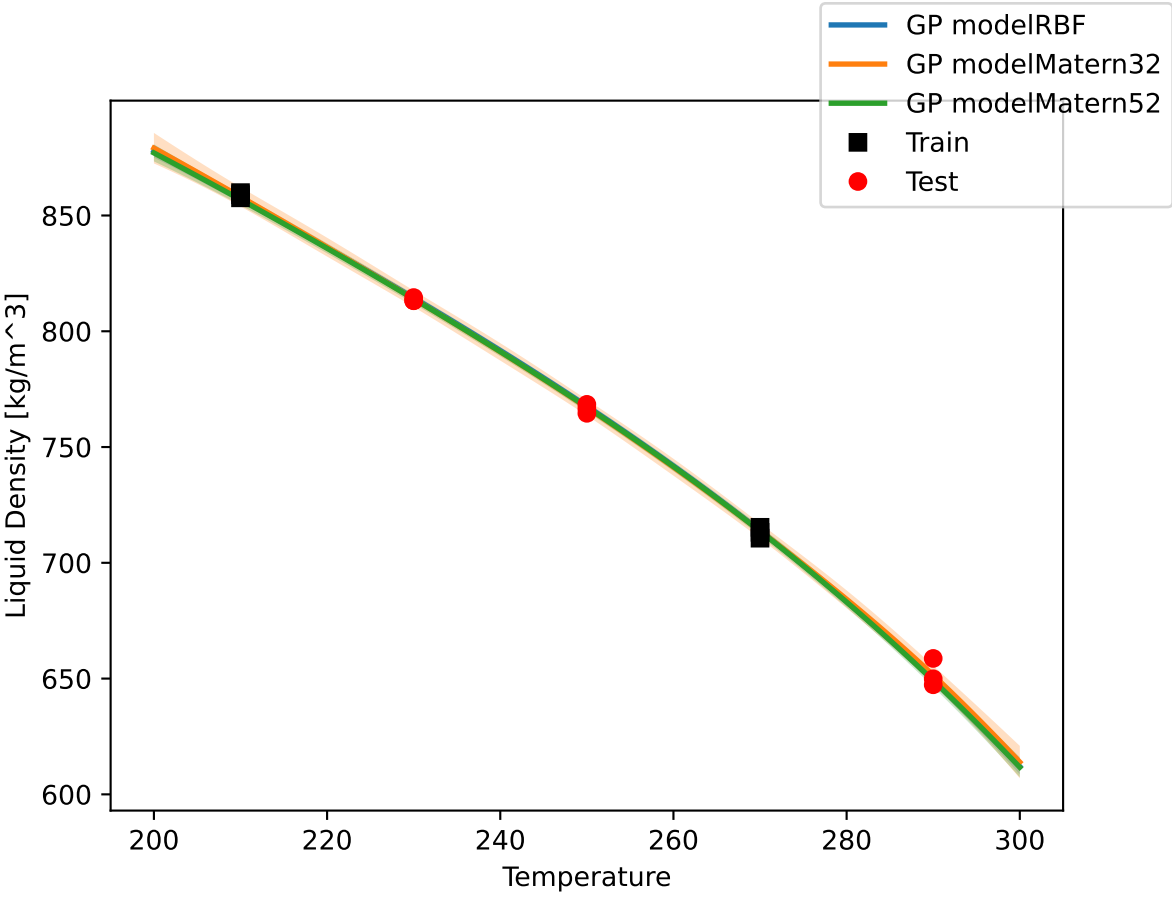

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

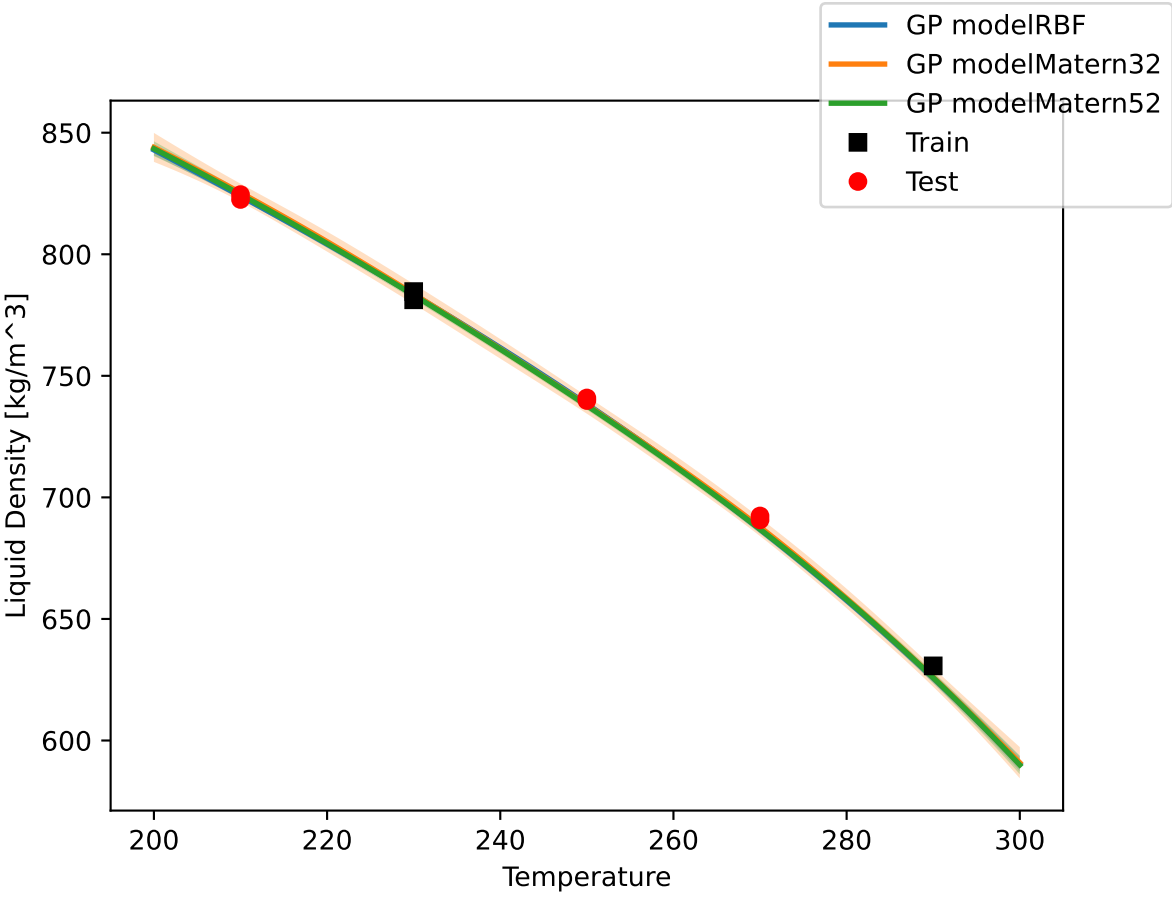

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

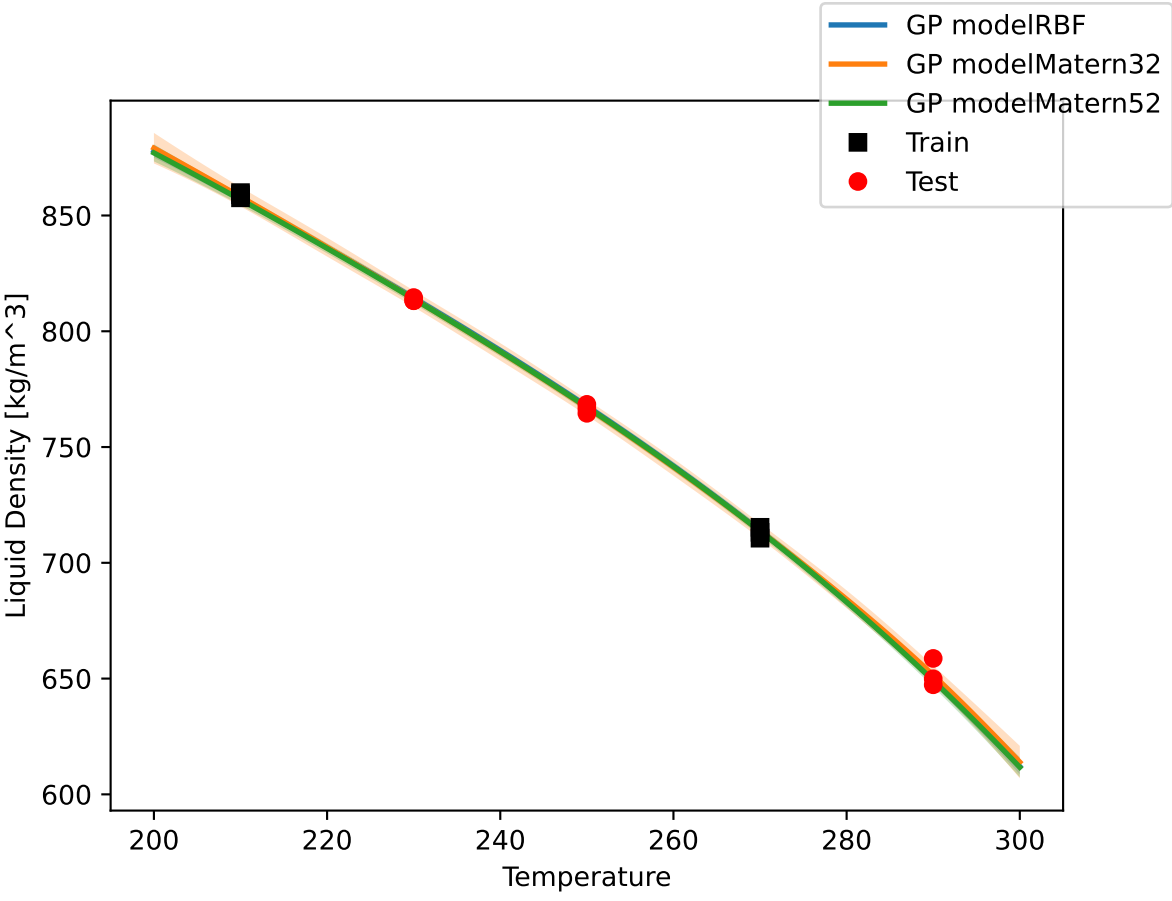

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

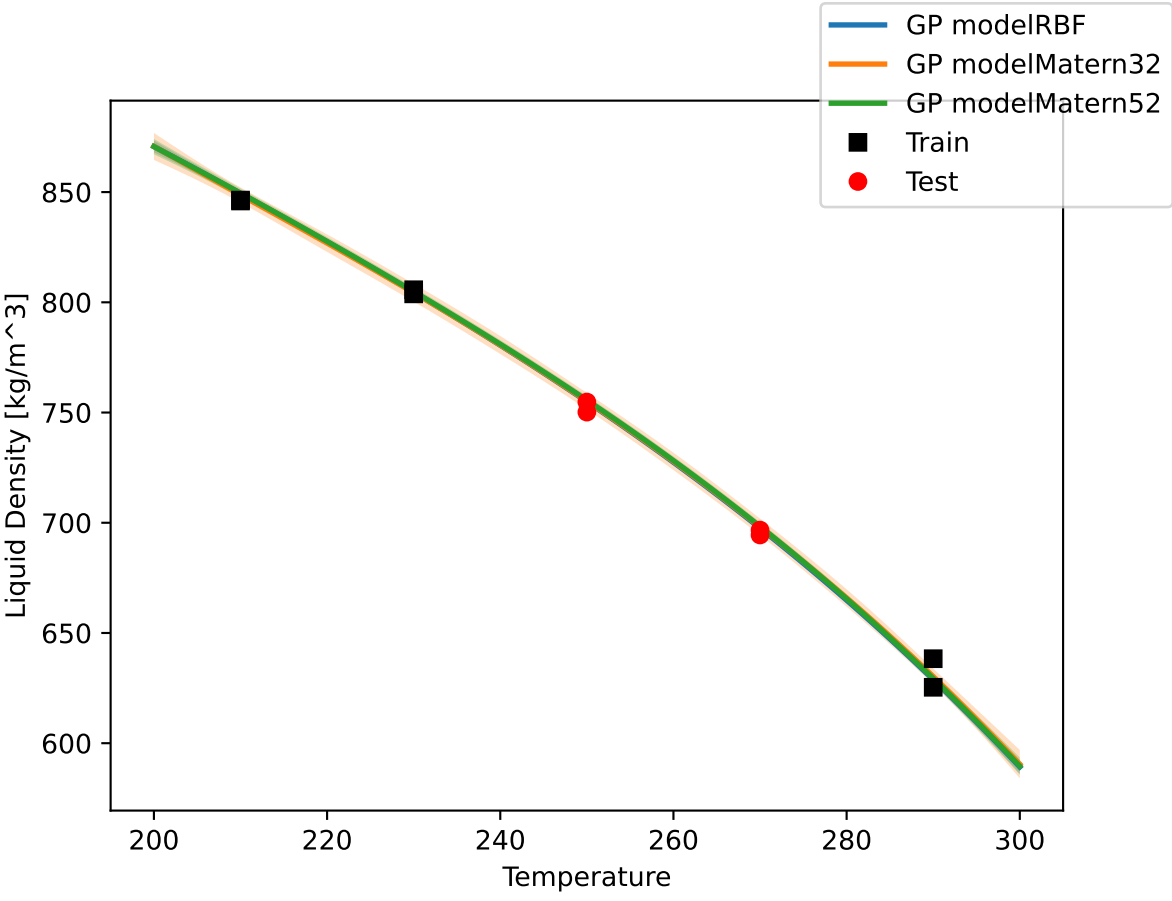

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

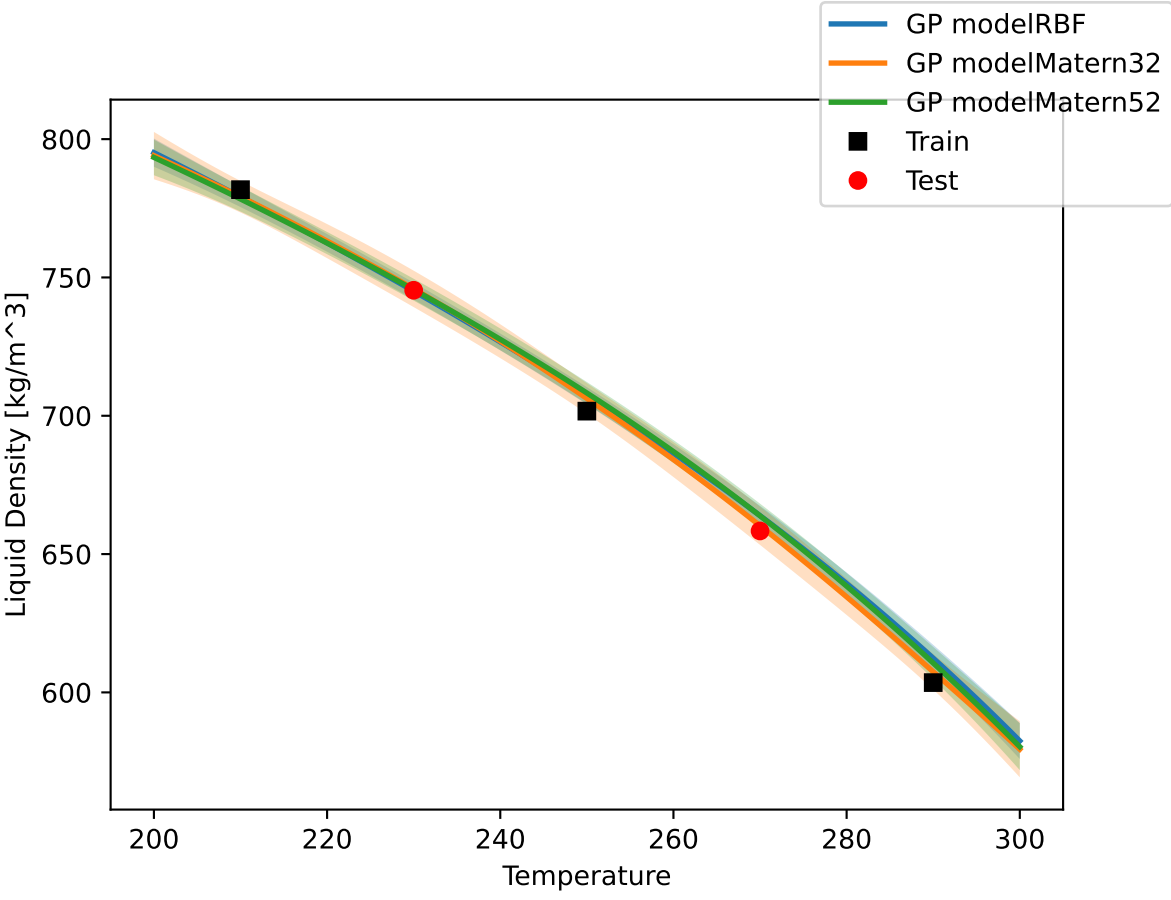

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

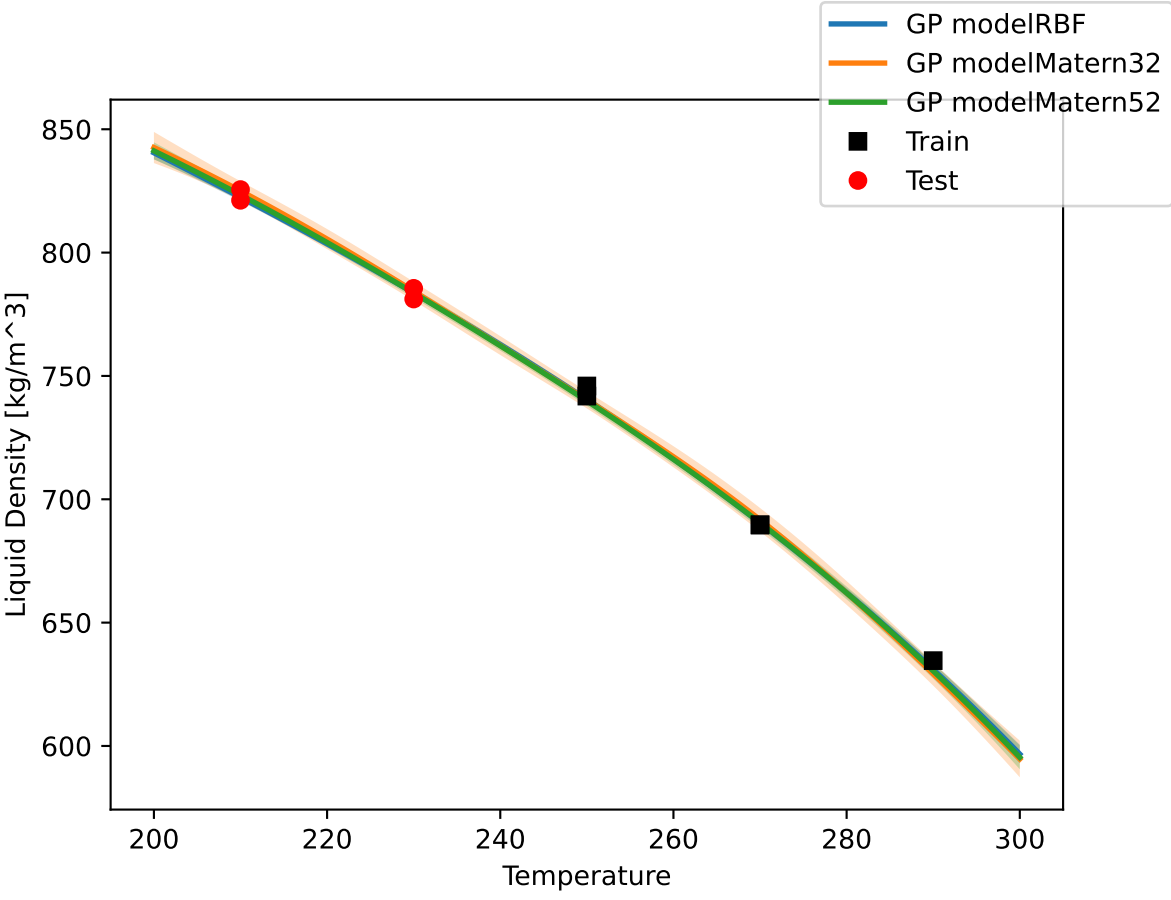

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

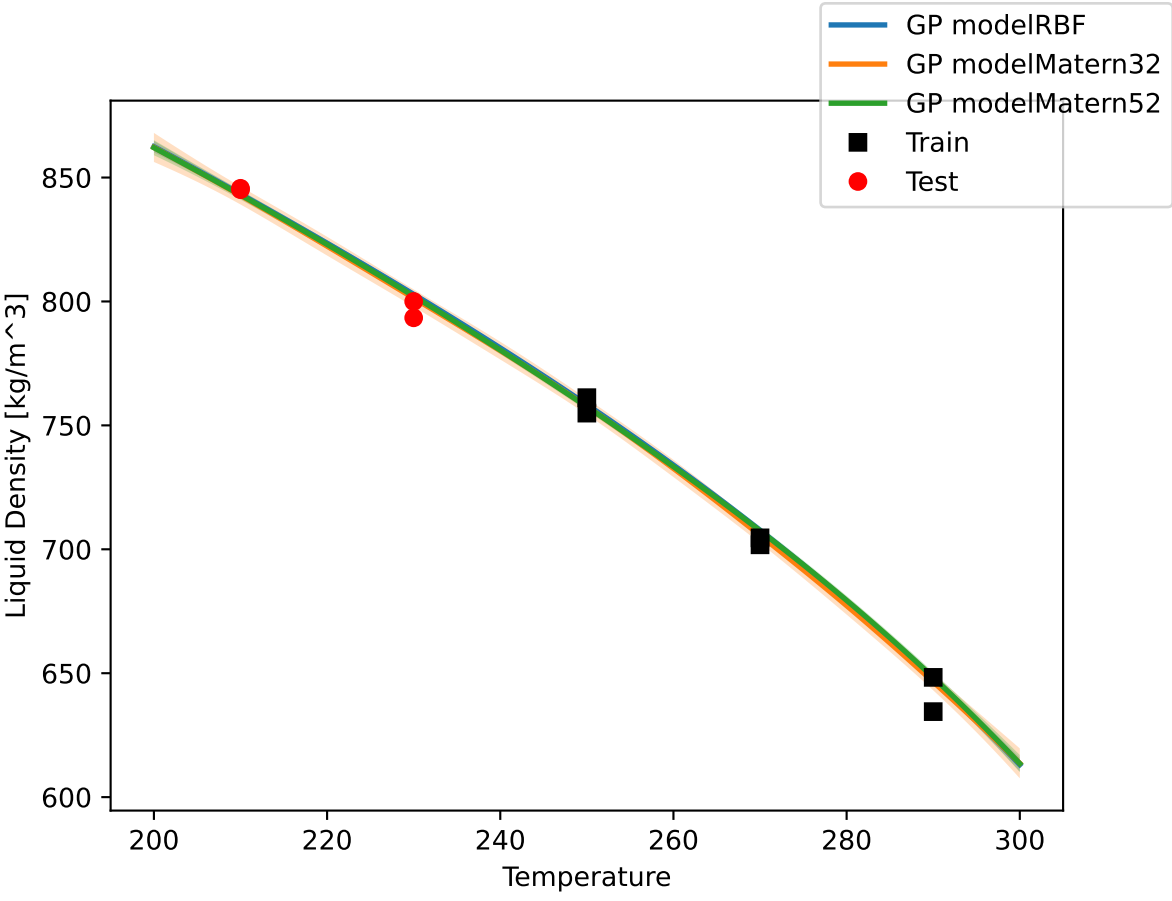

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

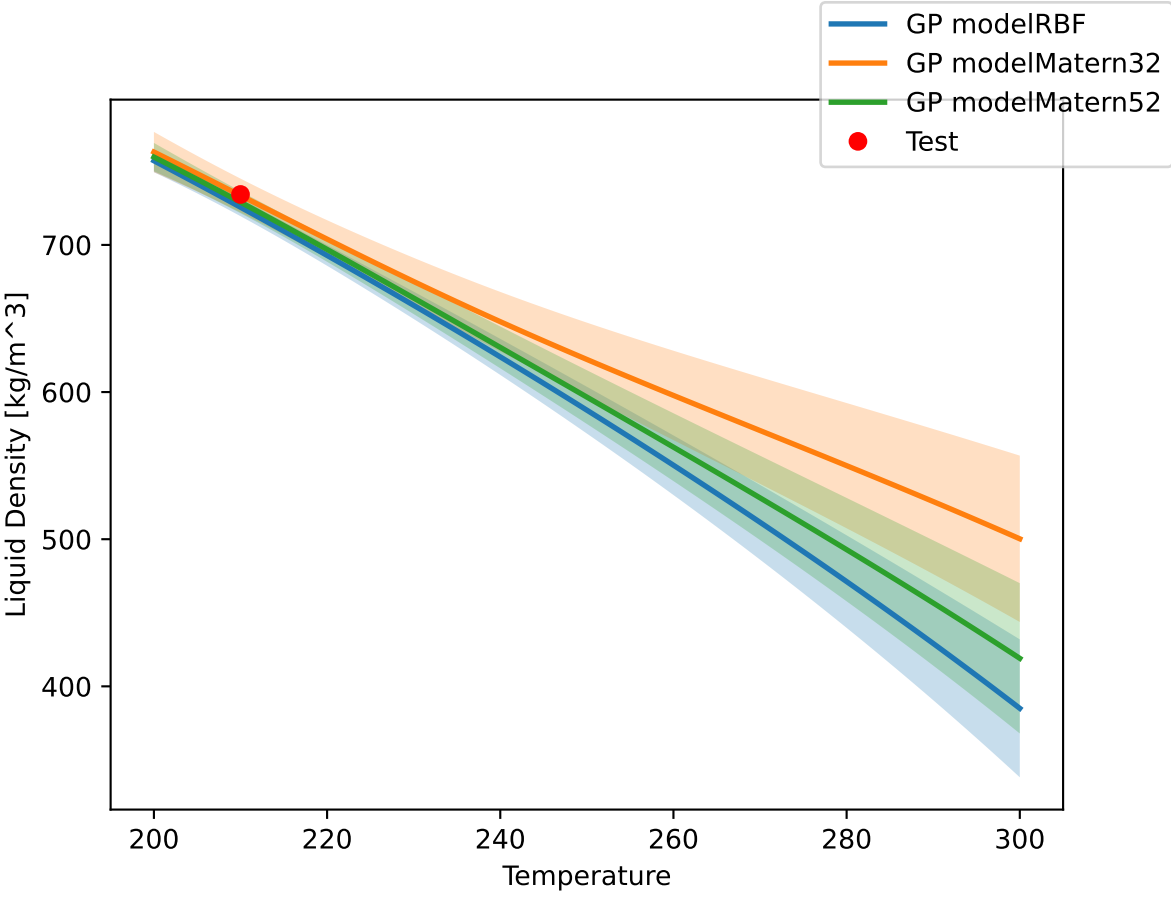

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

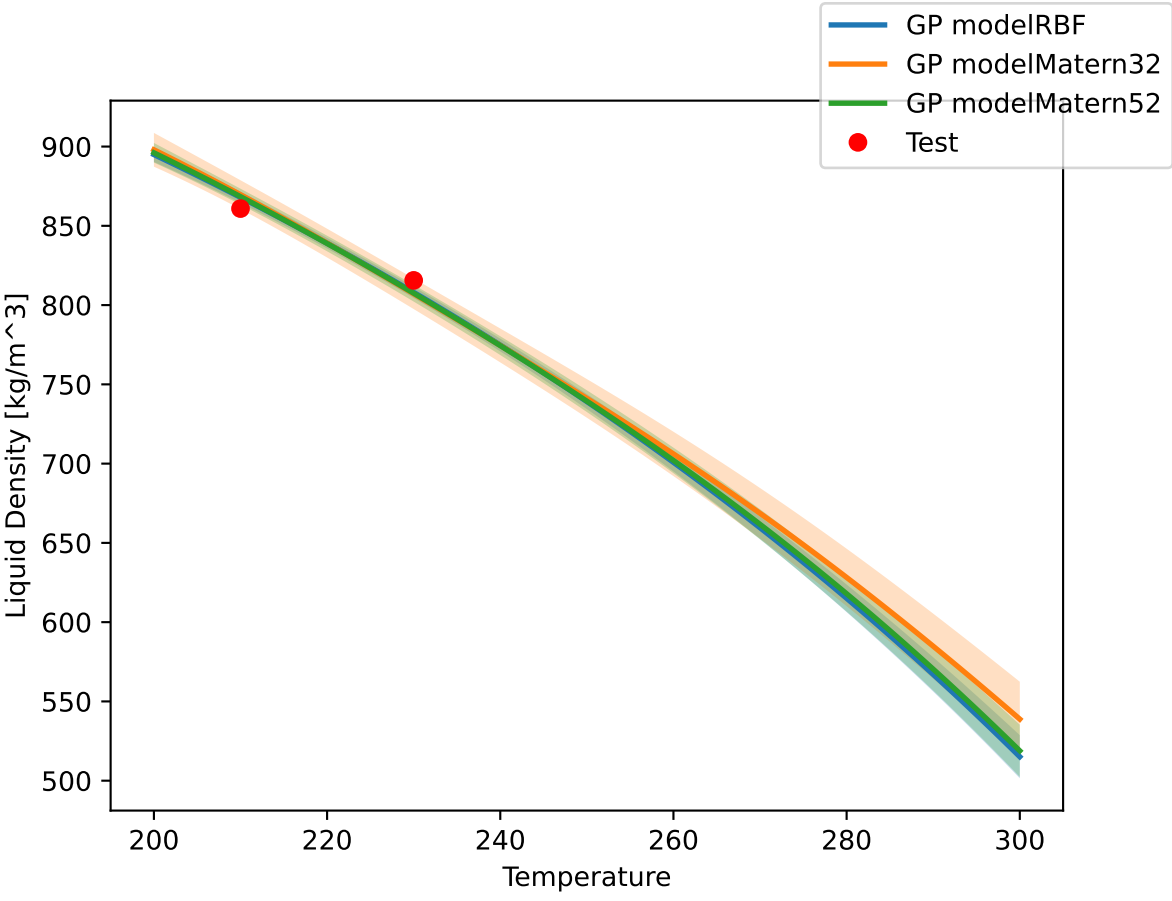

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

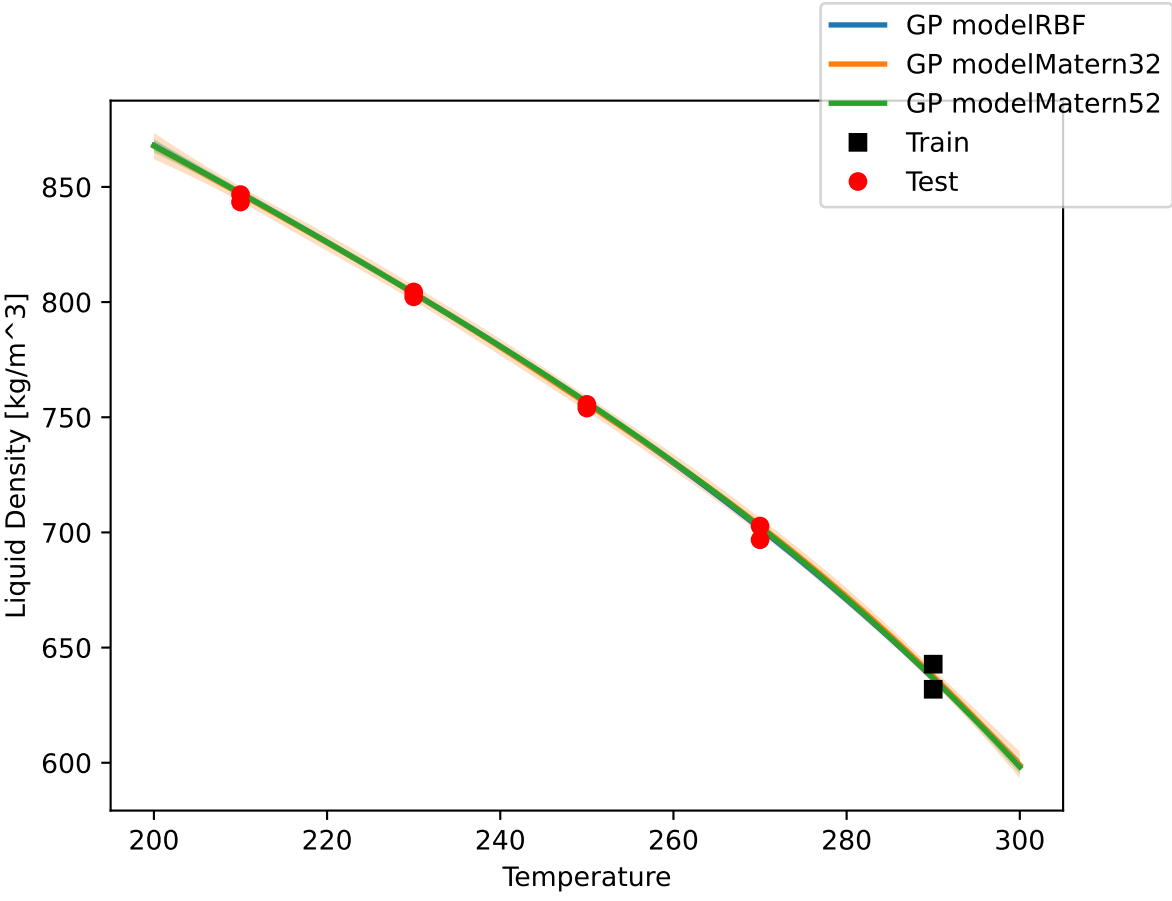

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

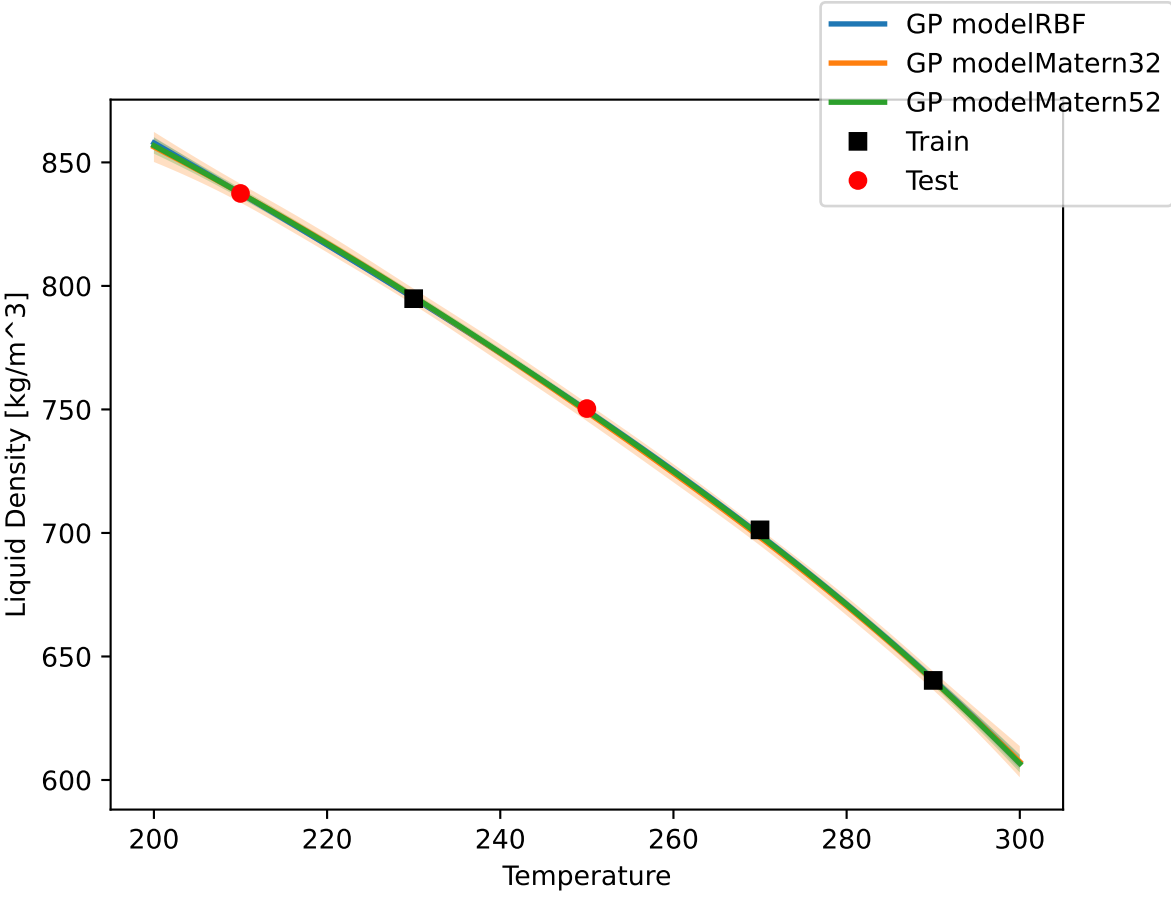

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

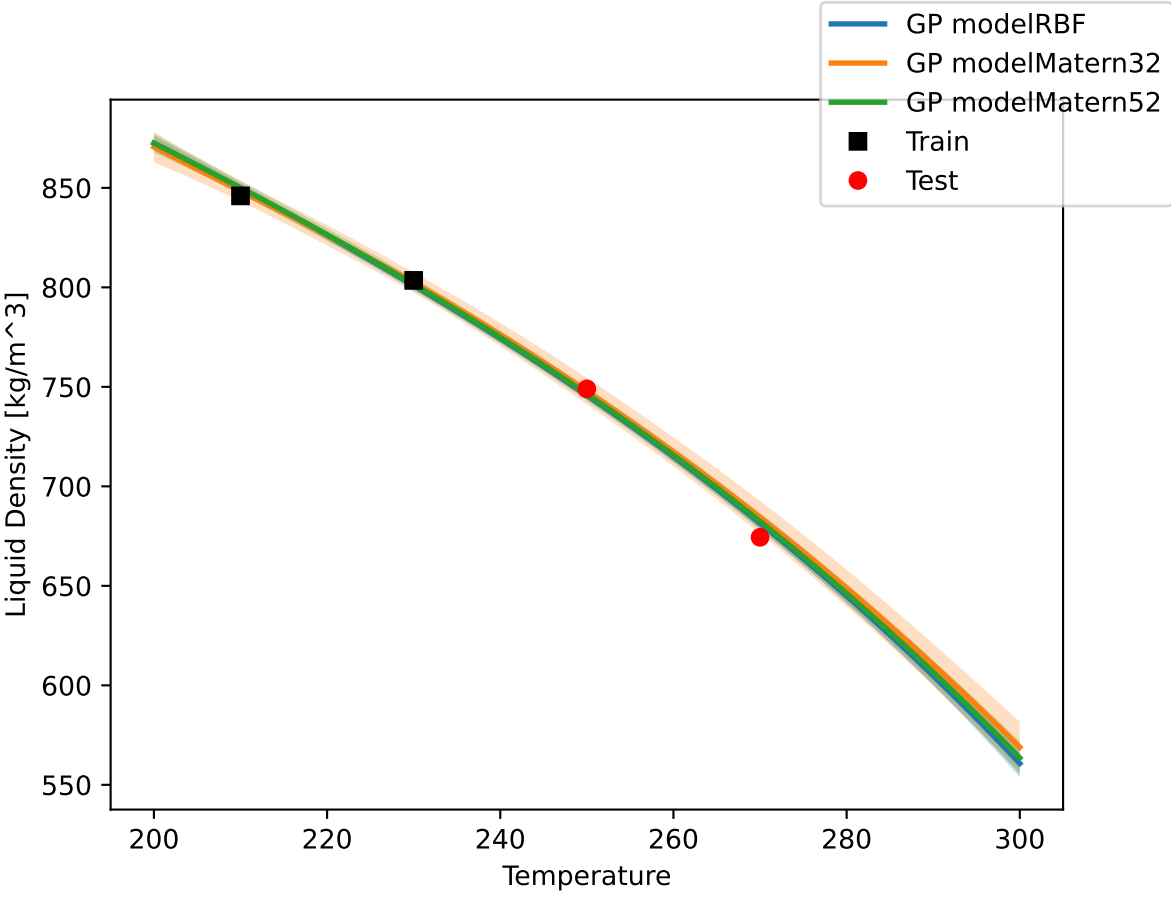

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

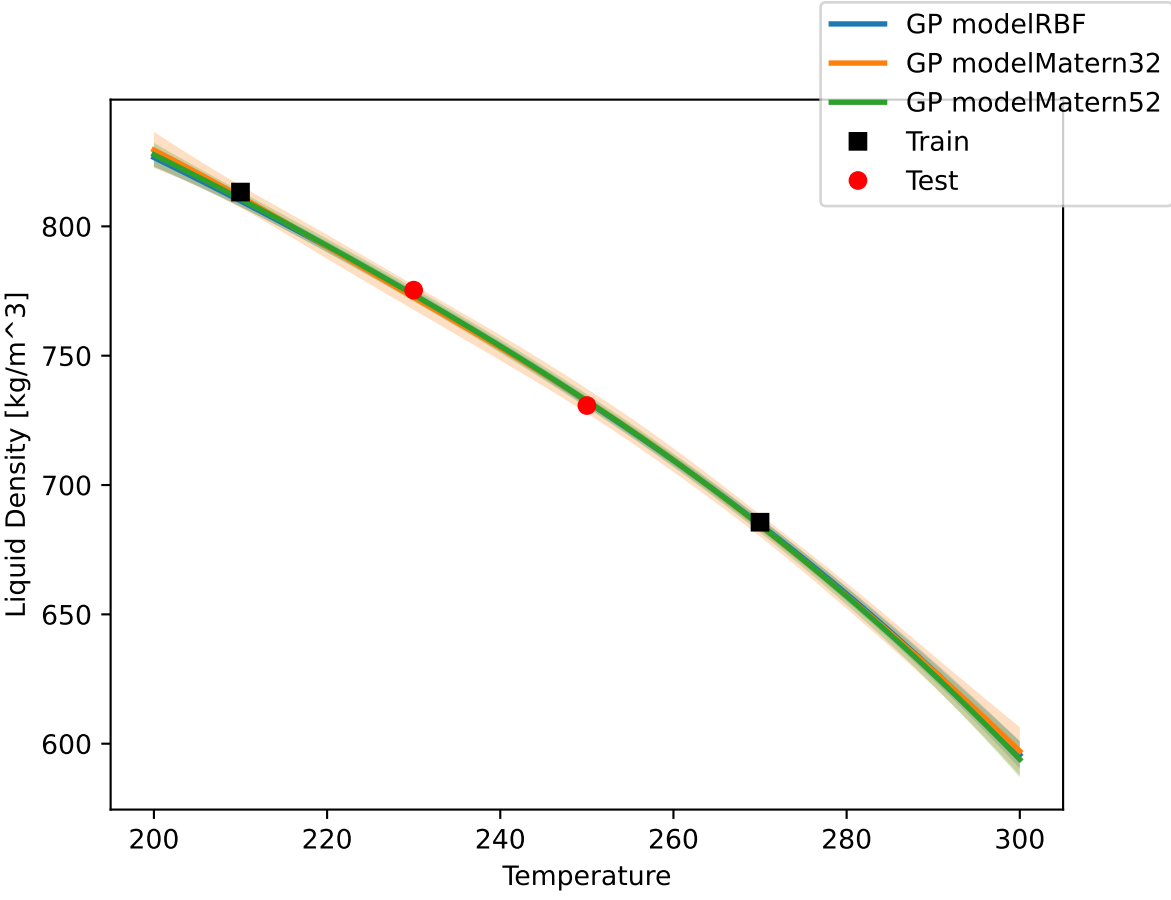

GP modelRBF
GP modelMatern32
GP modelMatern52
Test
Liquid Density [kg/m^3]
700
600
500
400
200
220
240
260
280
300
Temperature

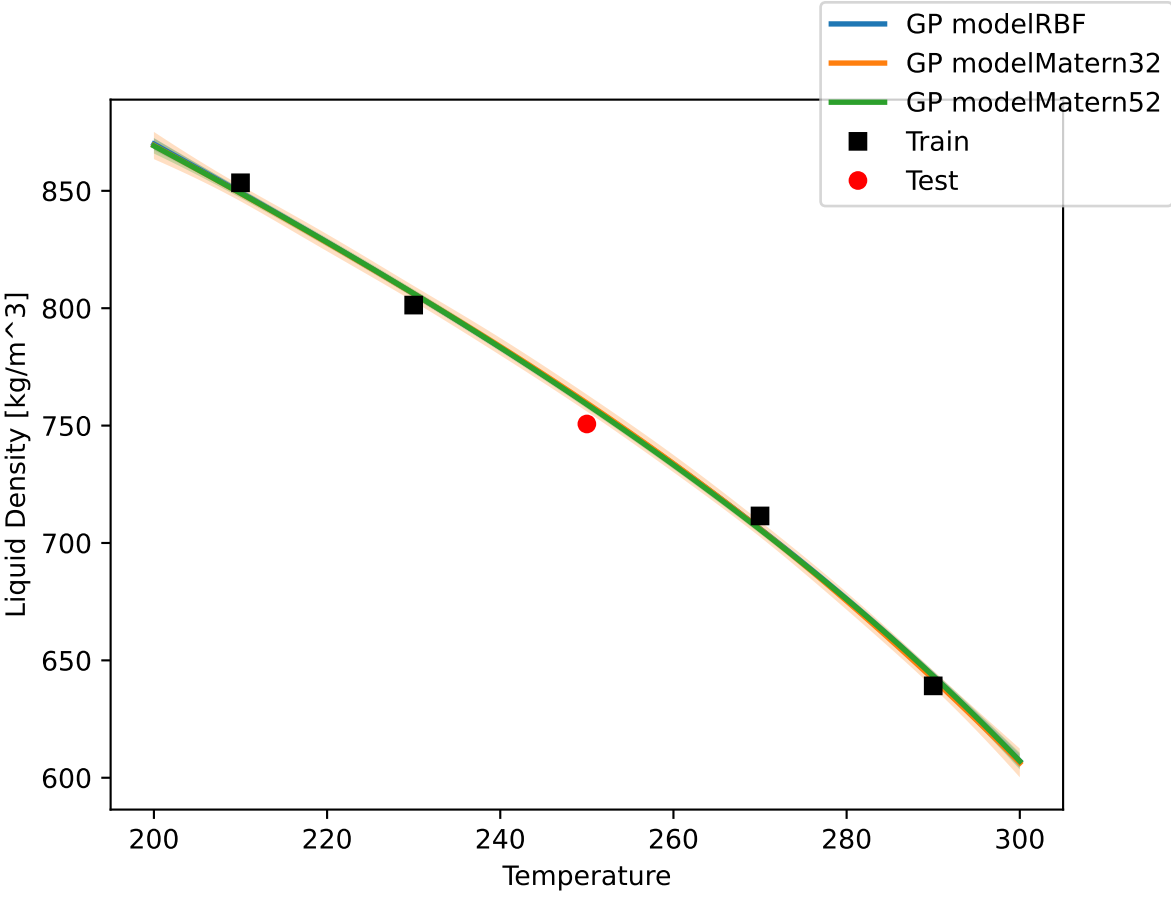

GP modelRBF
GP modelMatern32
GP modelMatern52
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
500
200
220
240
260
280
300
Temperature

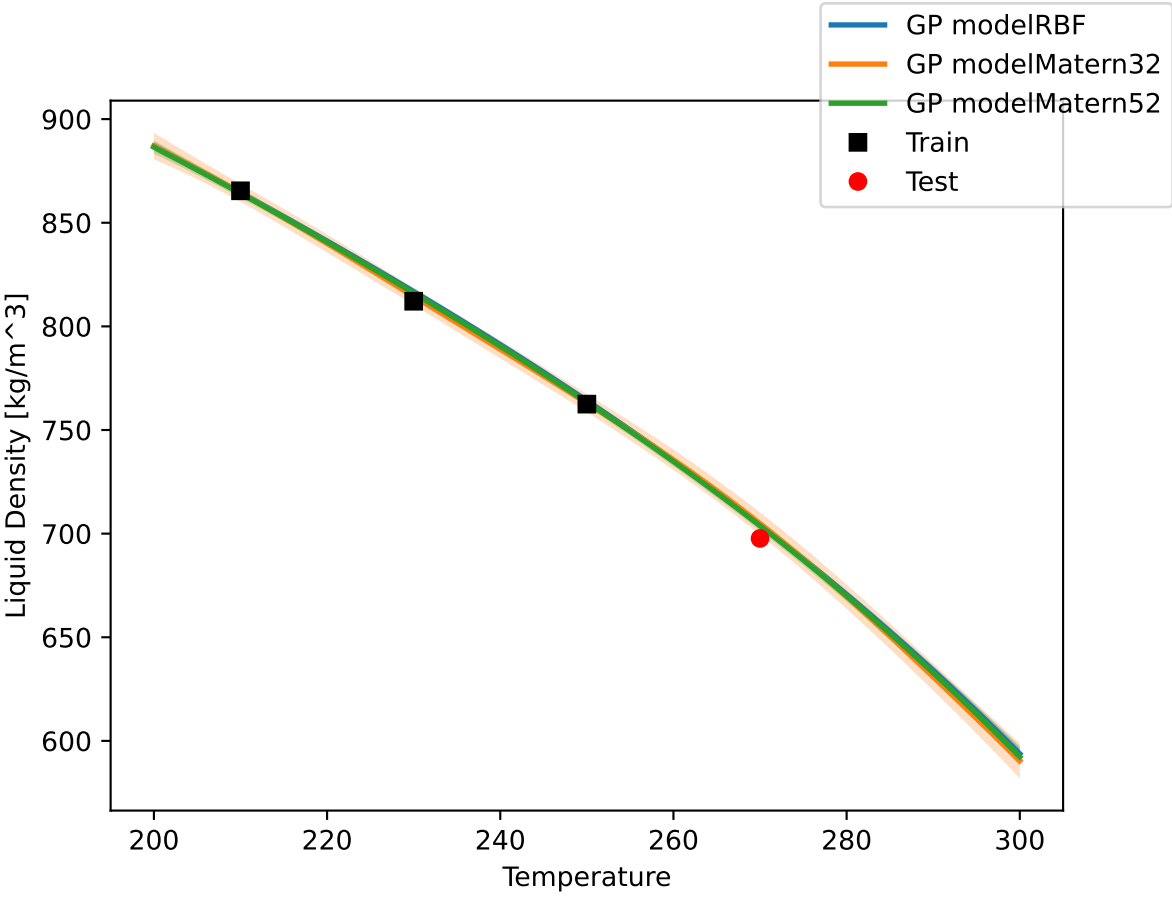

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

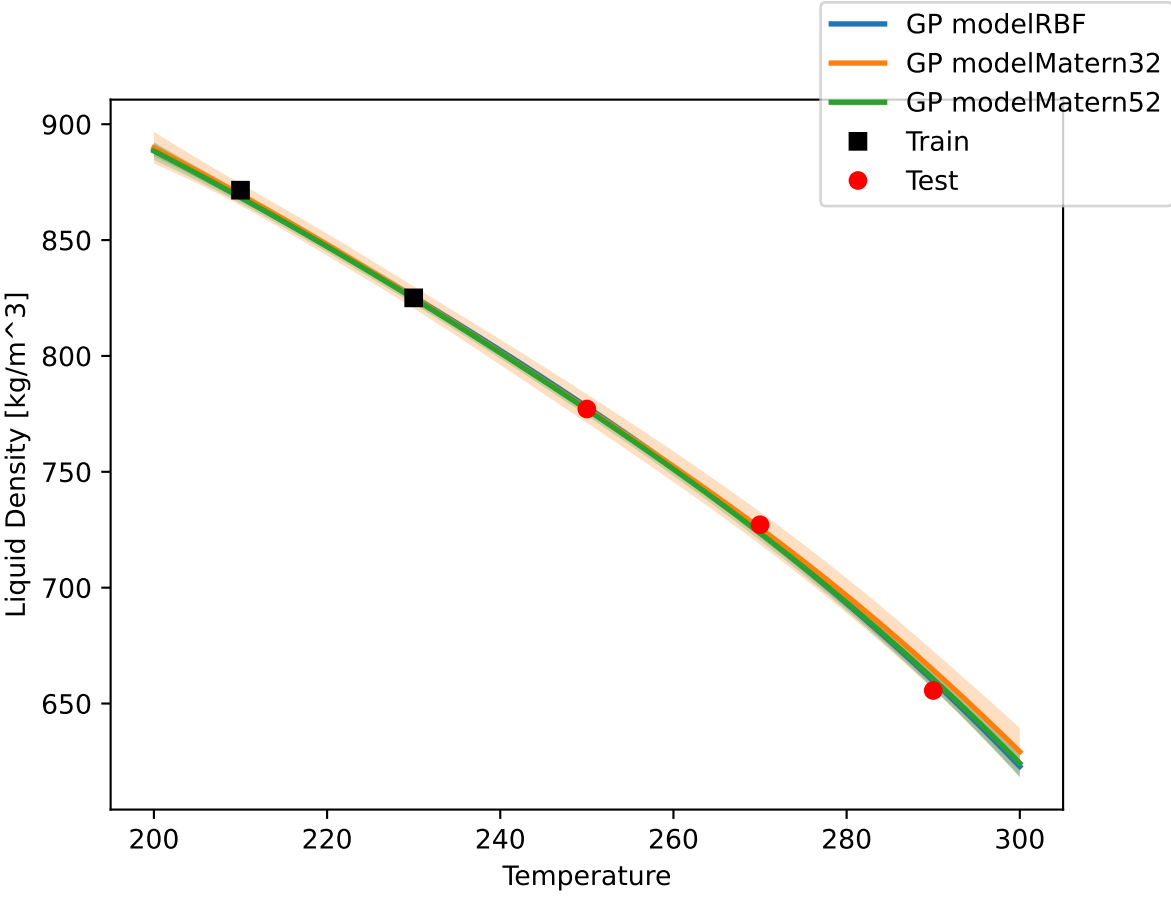

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

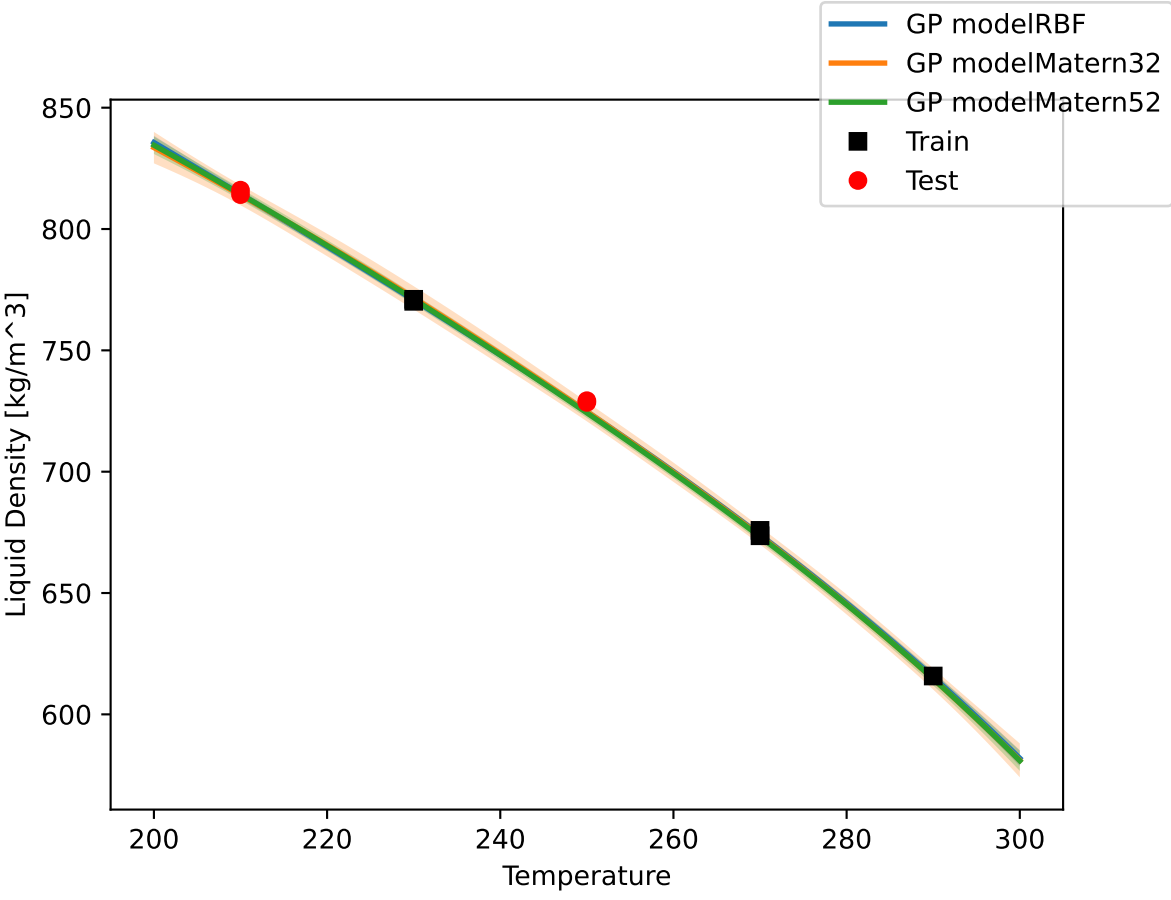

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

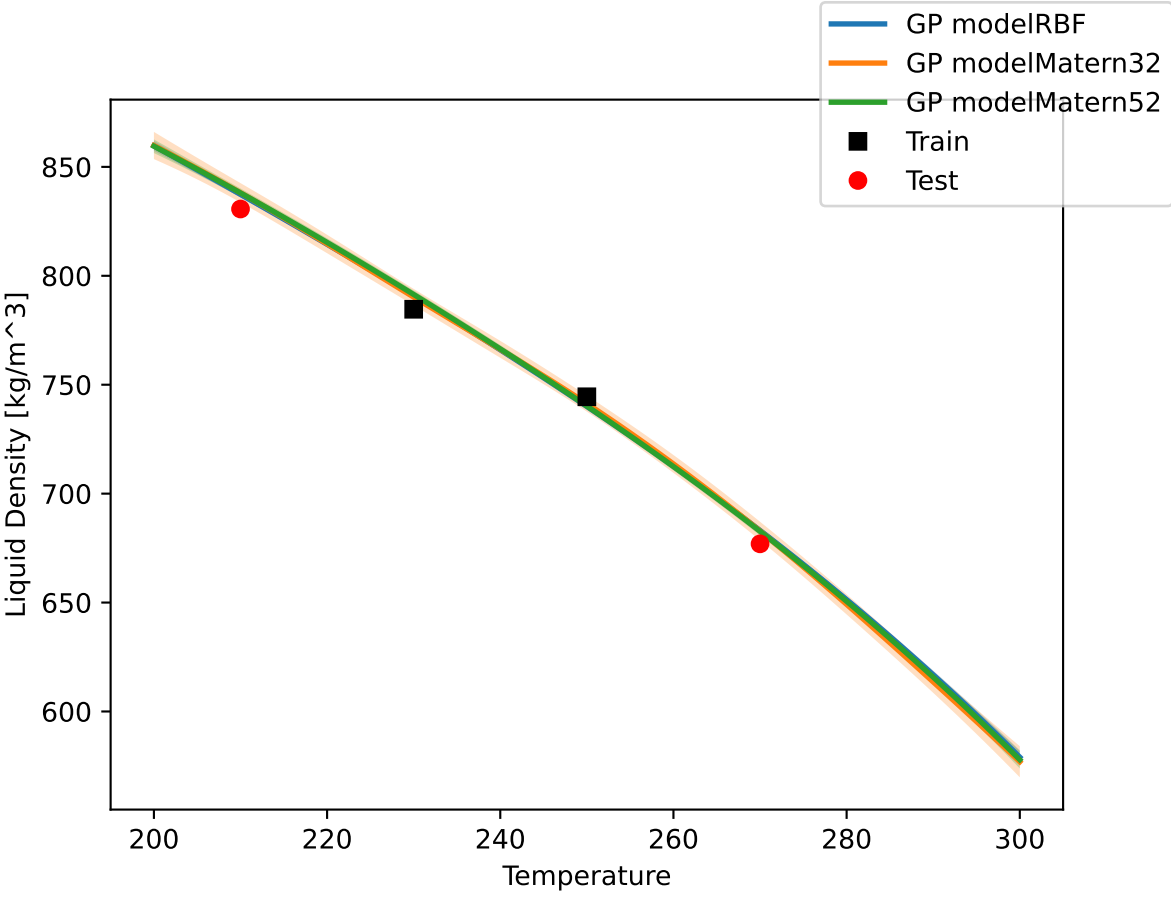

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

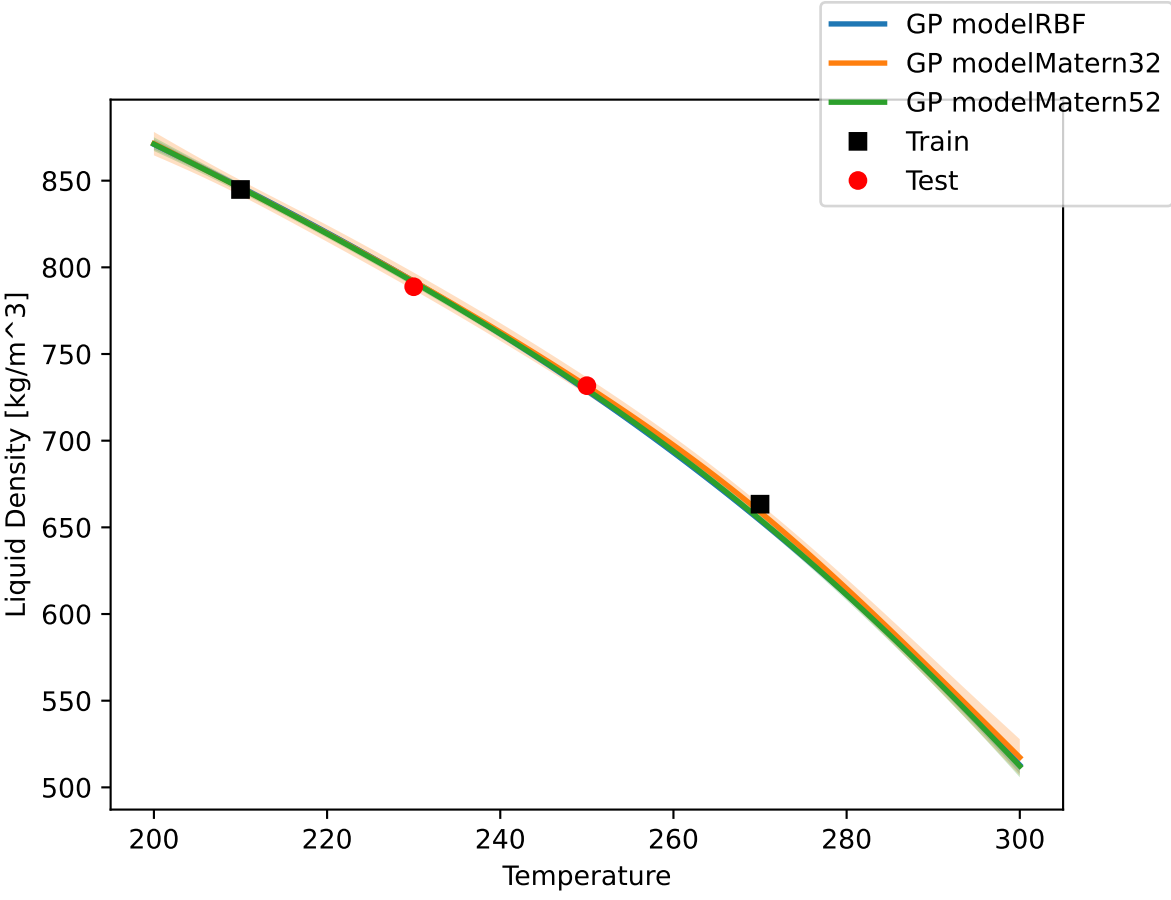

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

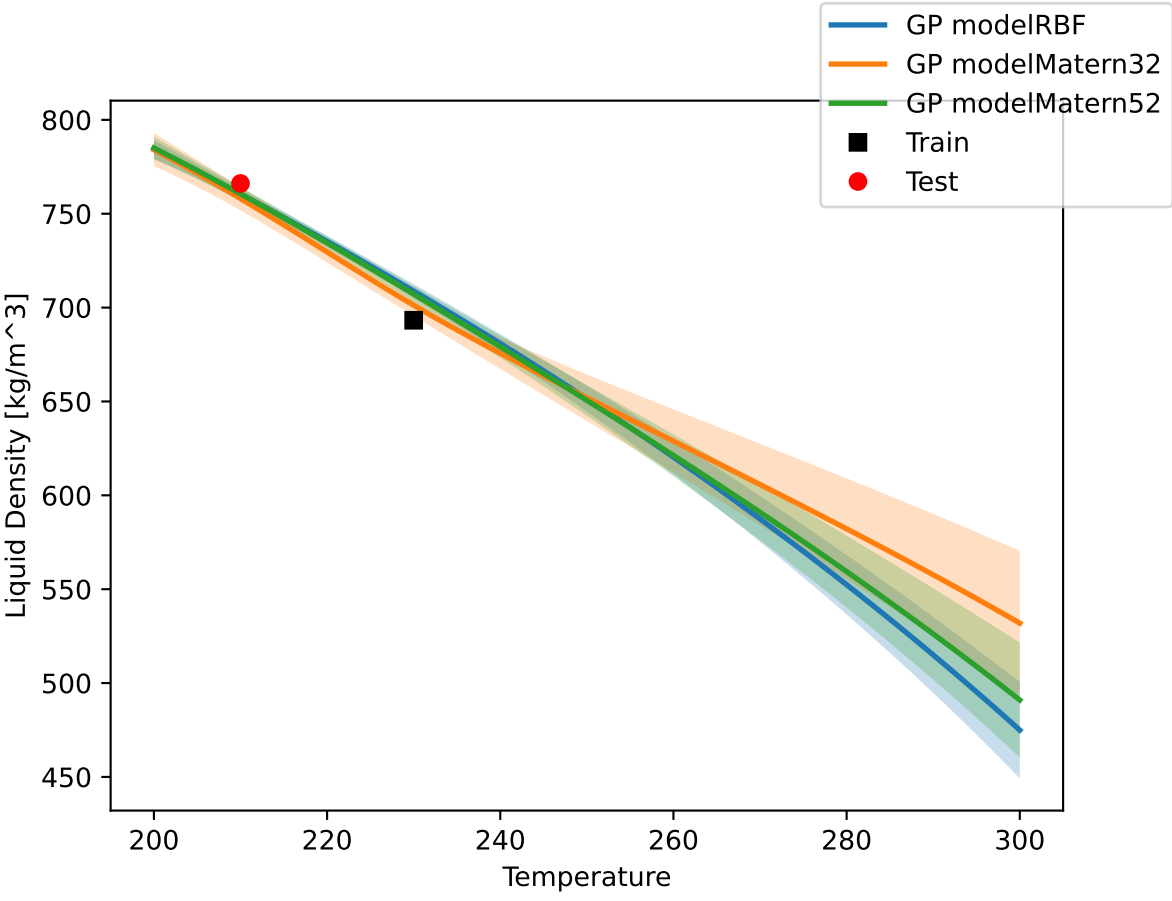

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

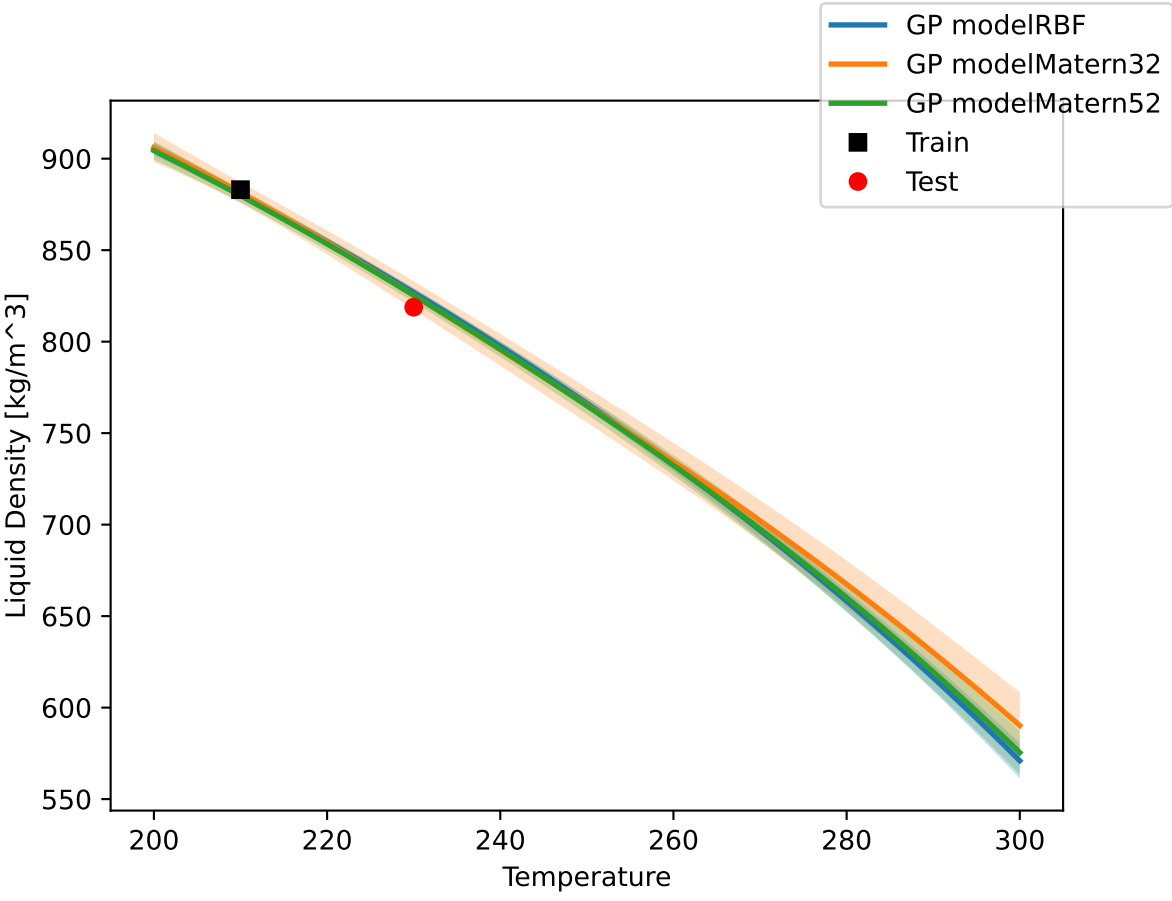

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

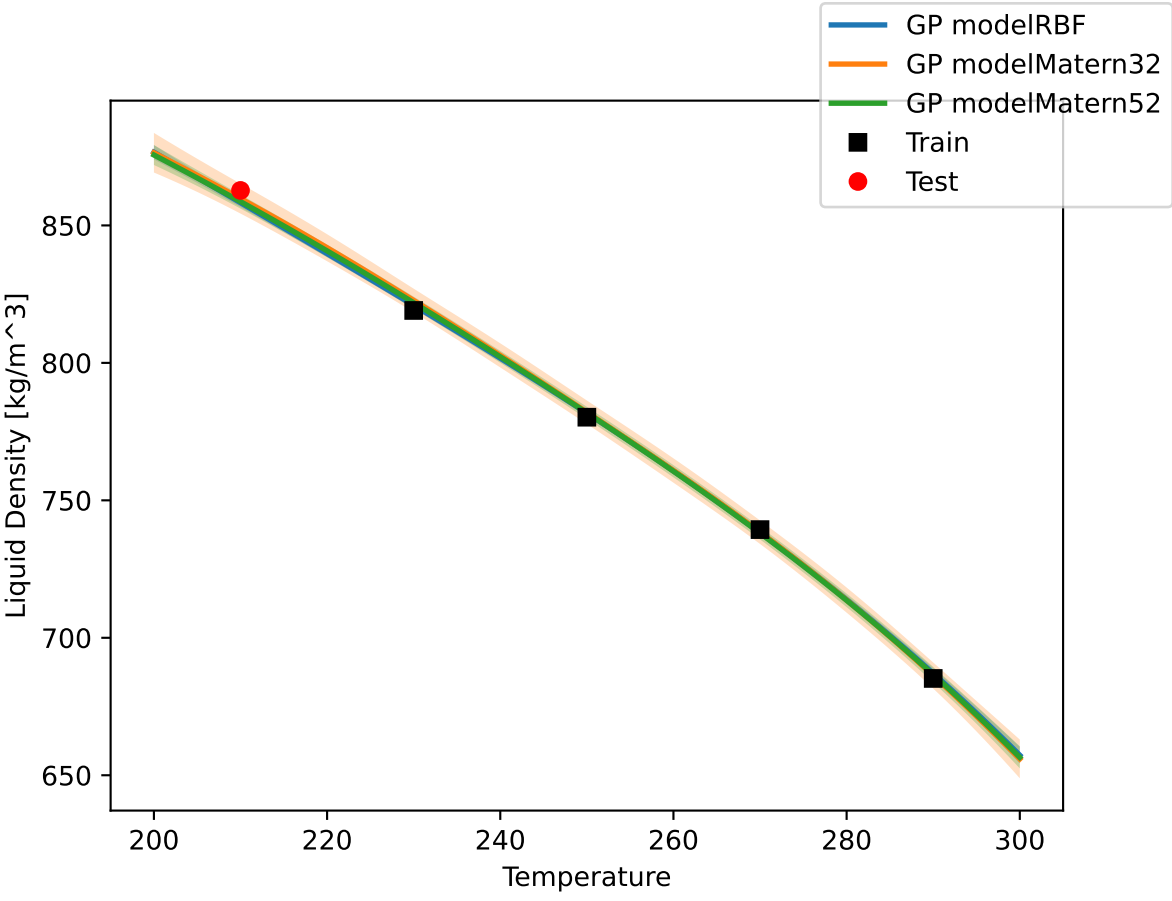

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

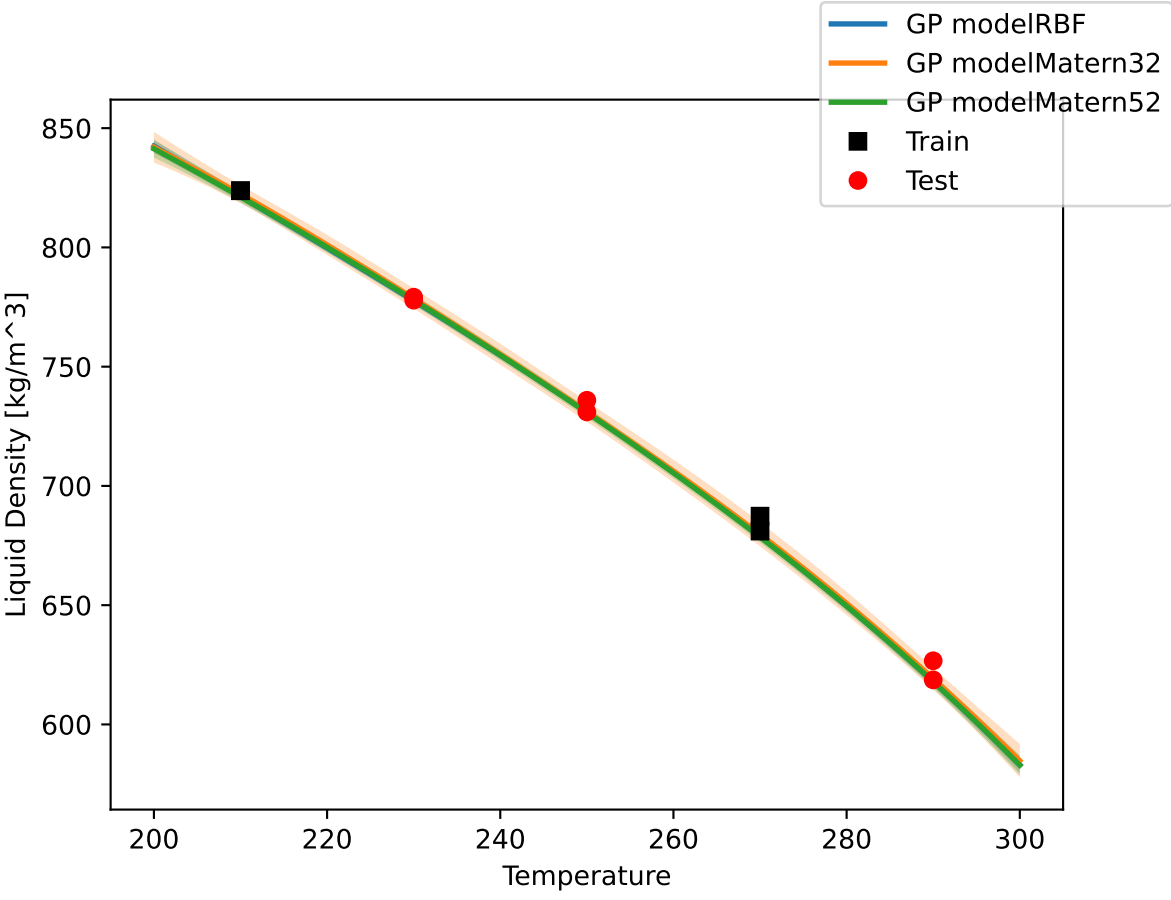

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

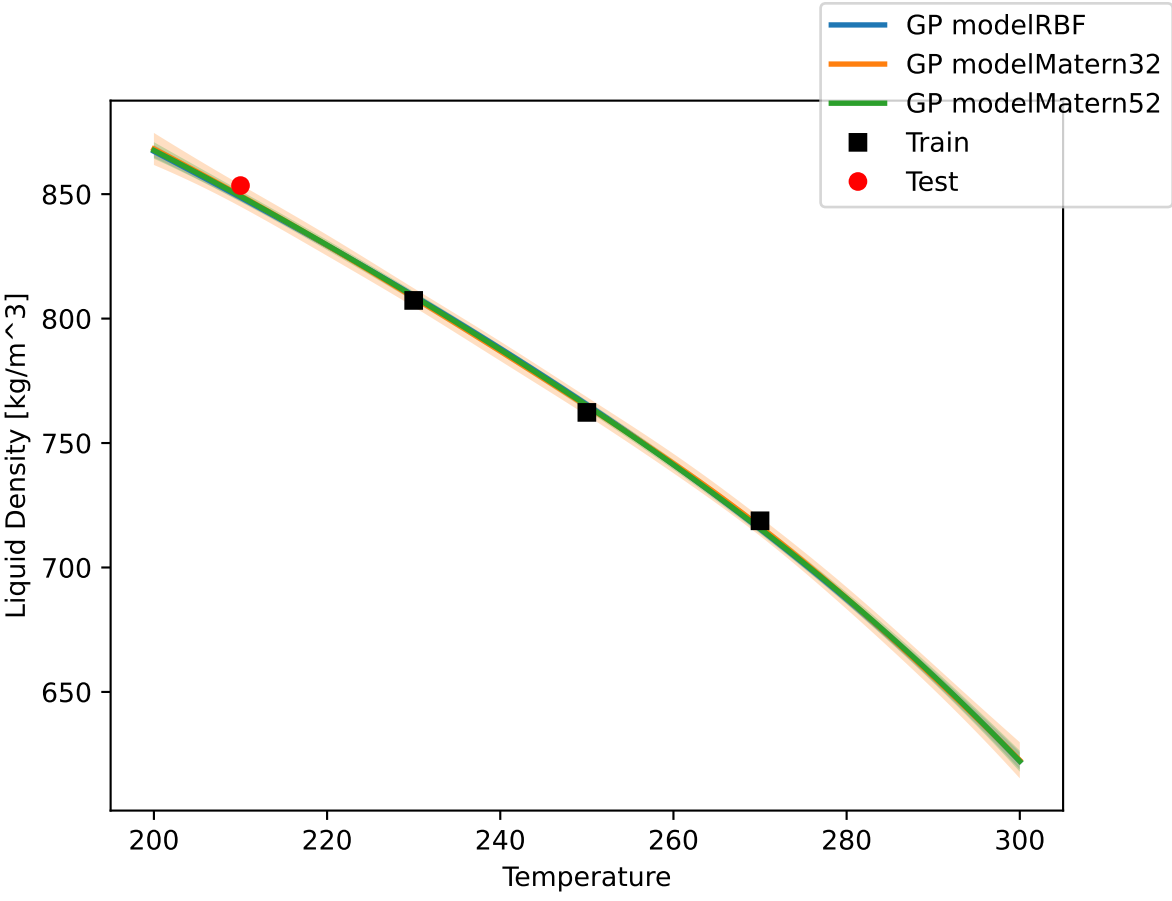

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
500
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

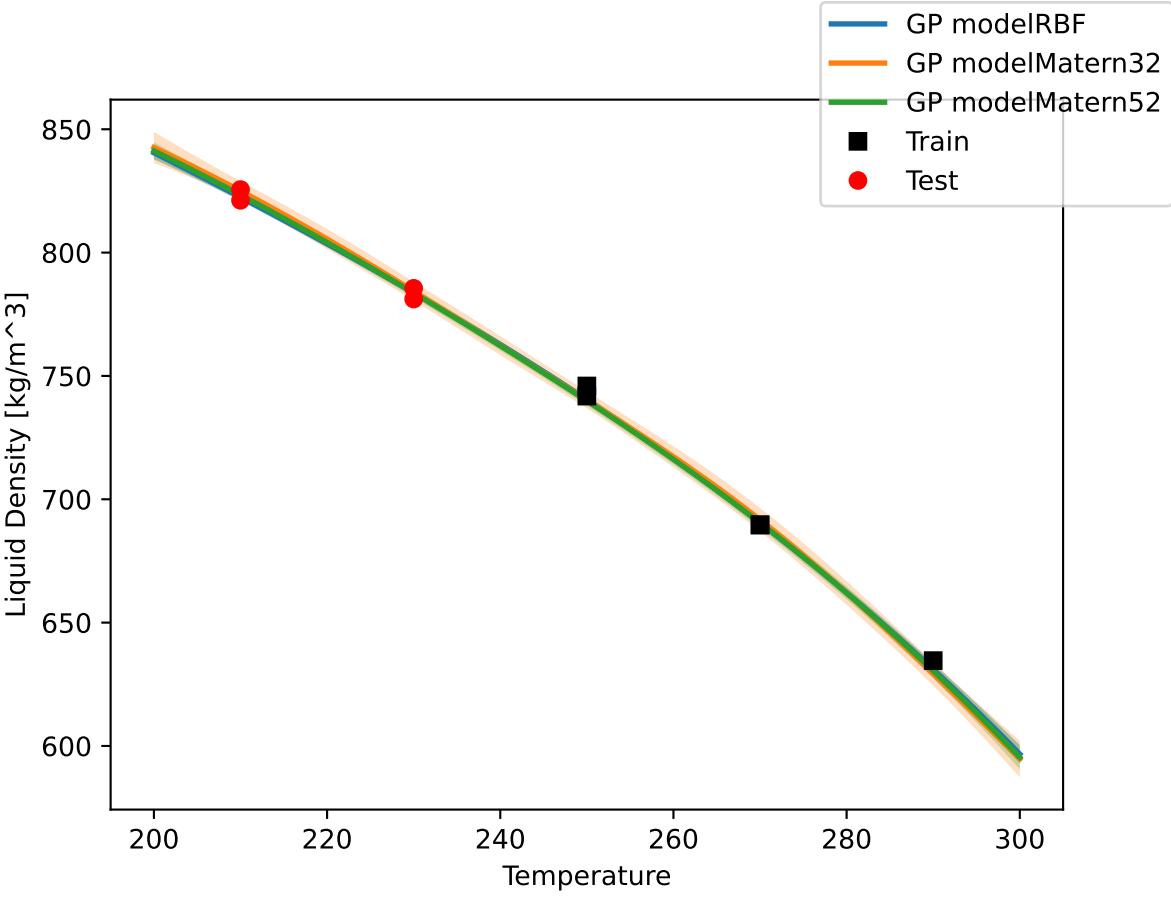

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
800
750
700
650
600
550
500
450
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

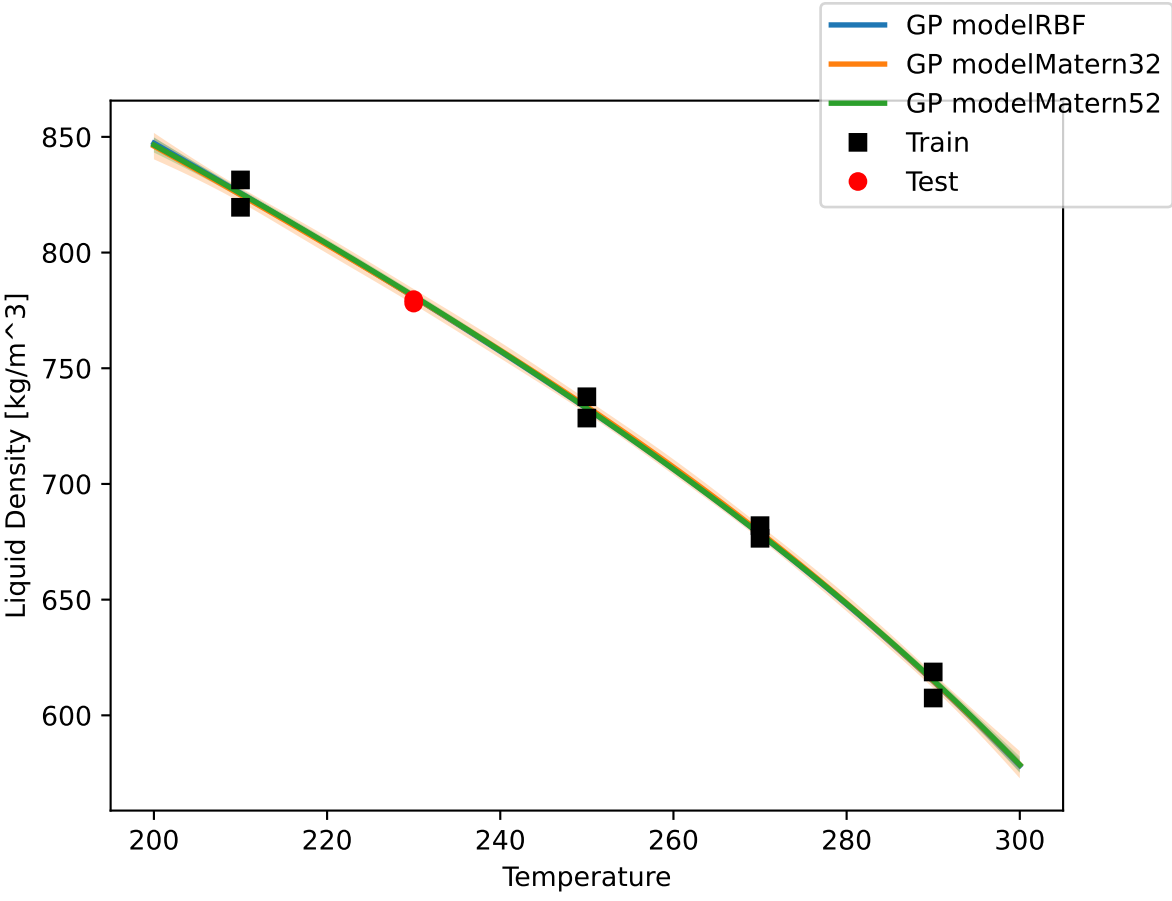

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

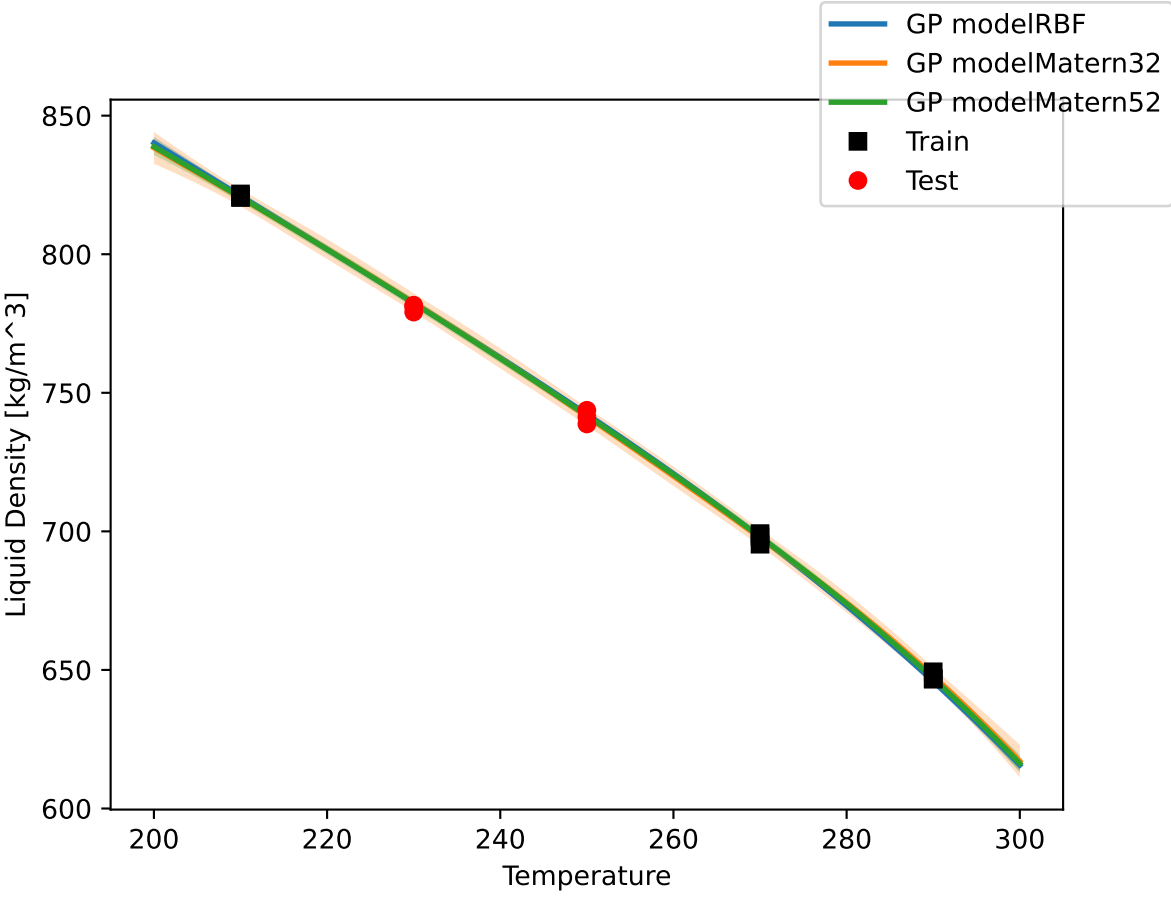

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

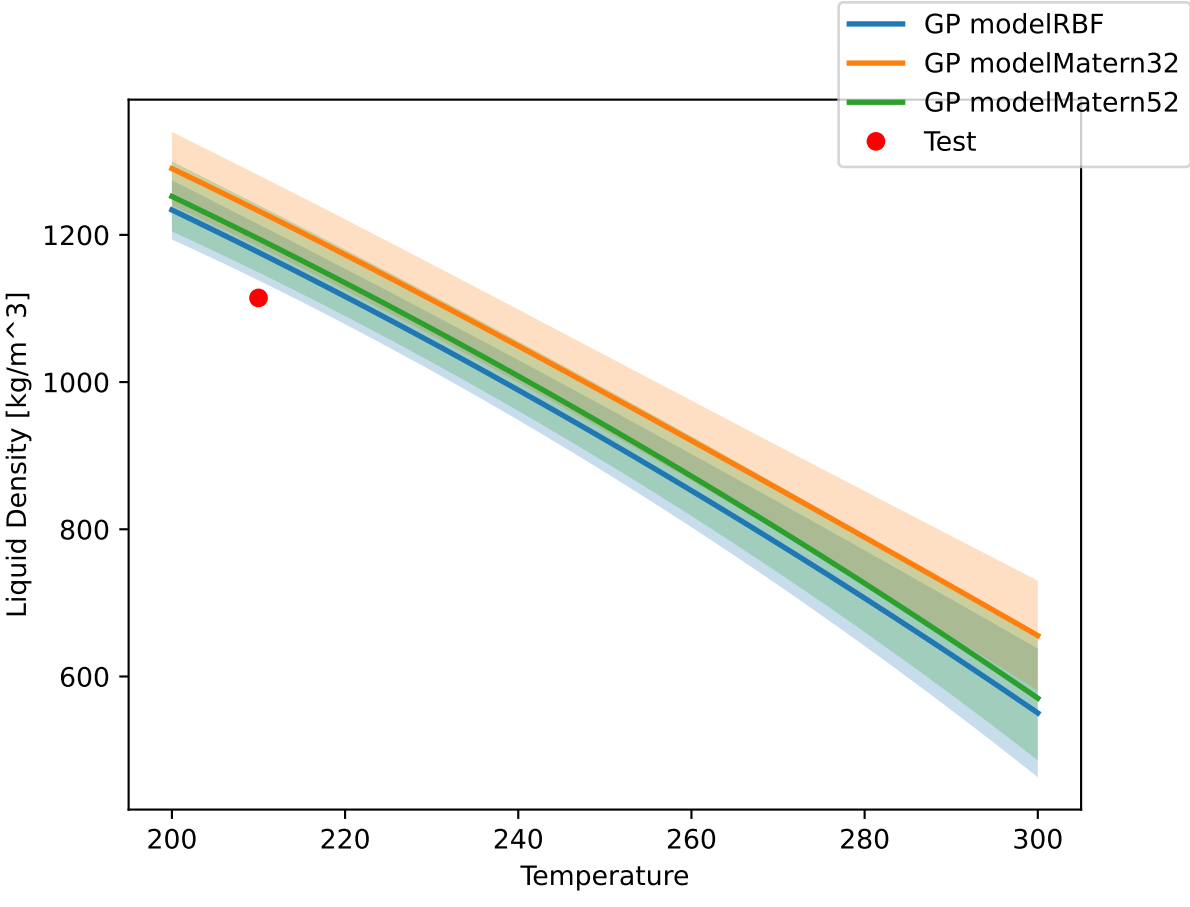

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

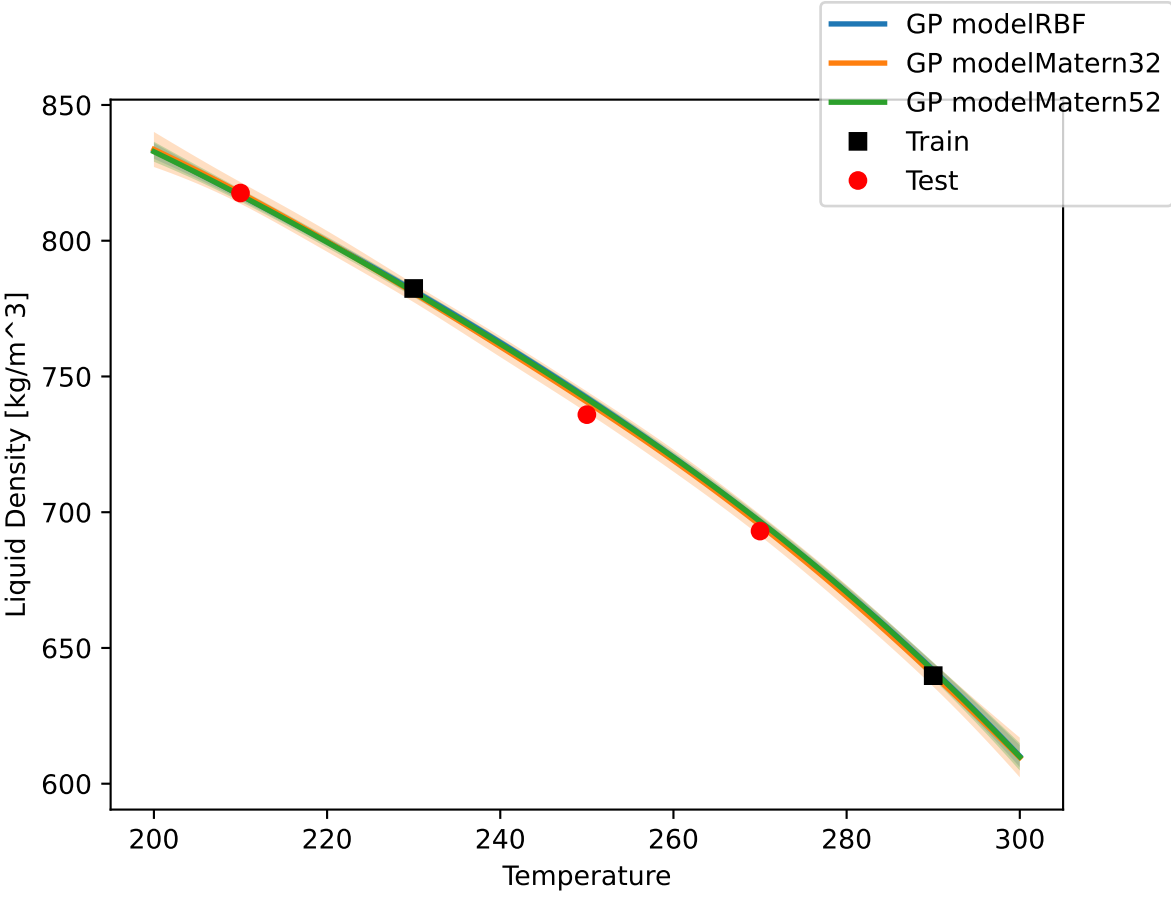

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

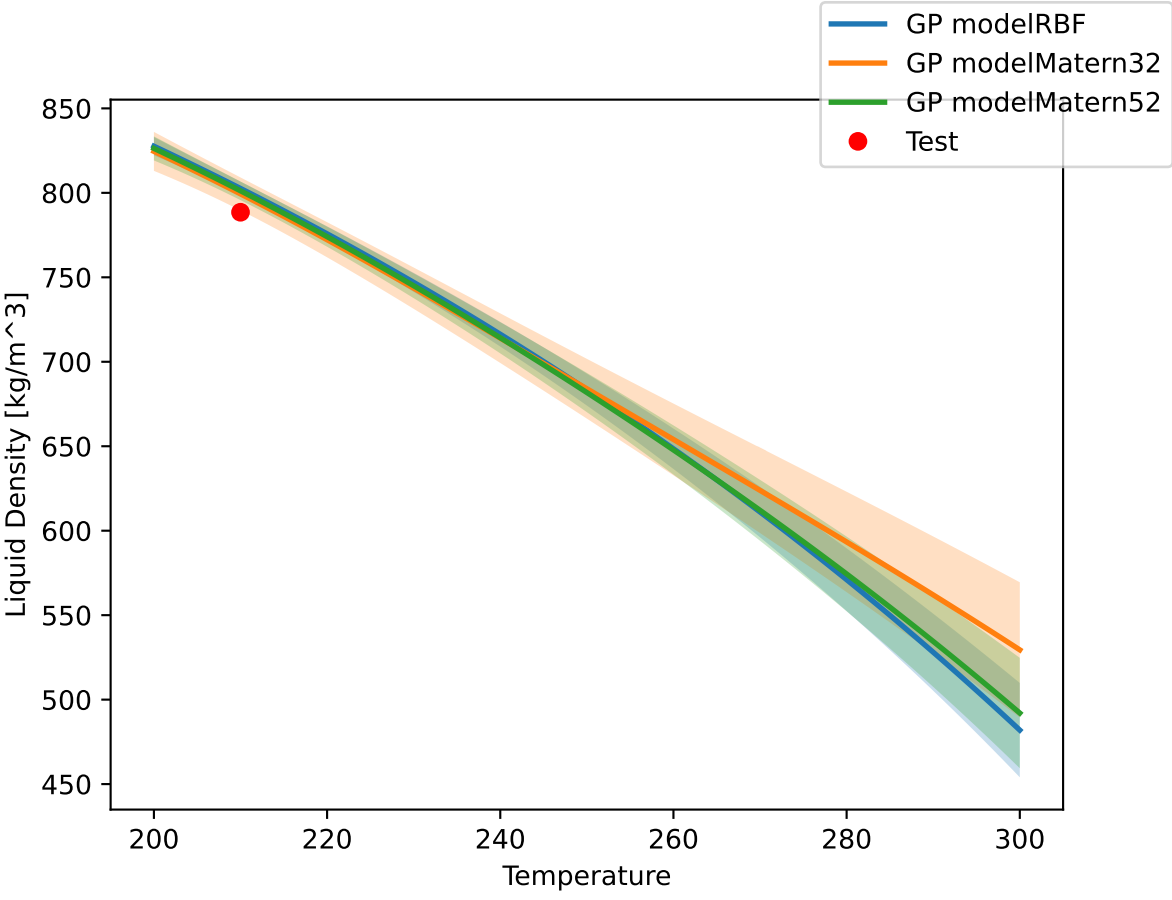

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

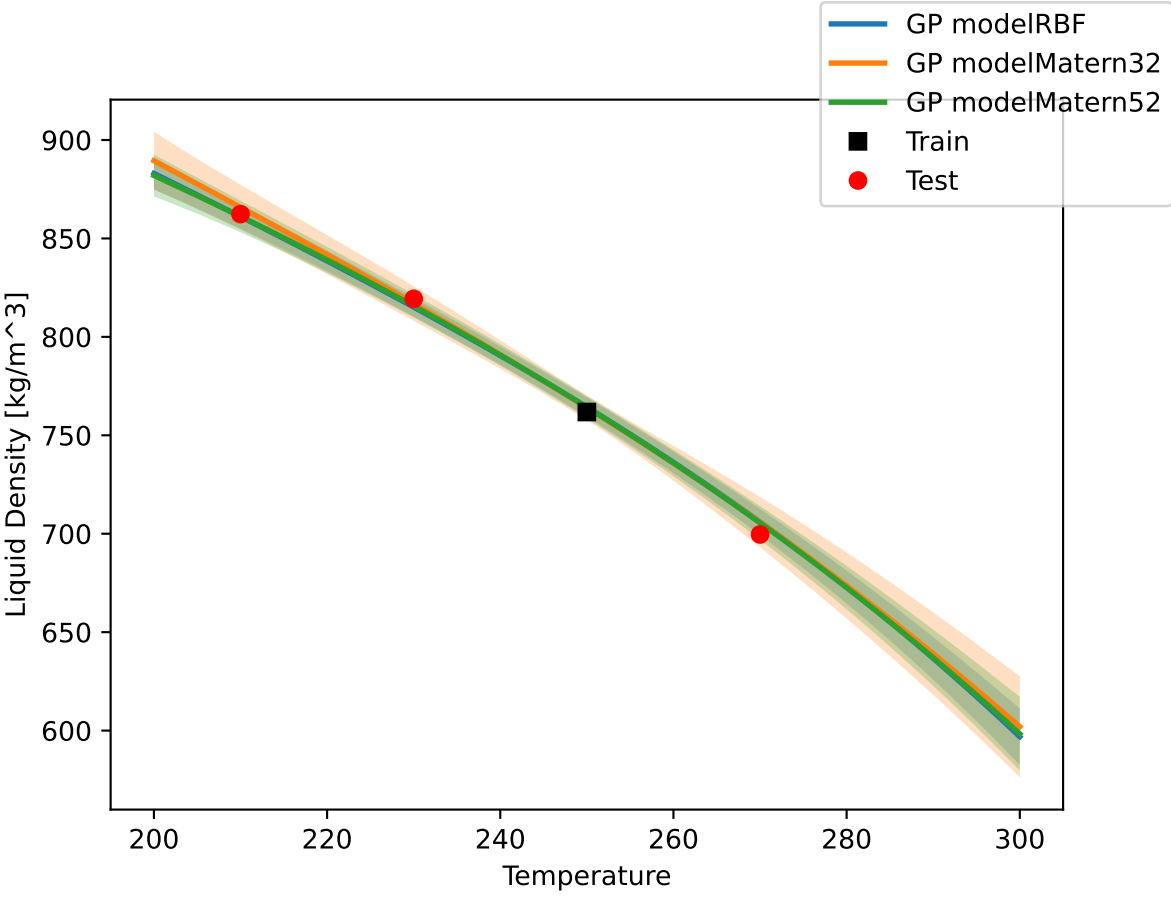

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

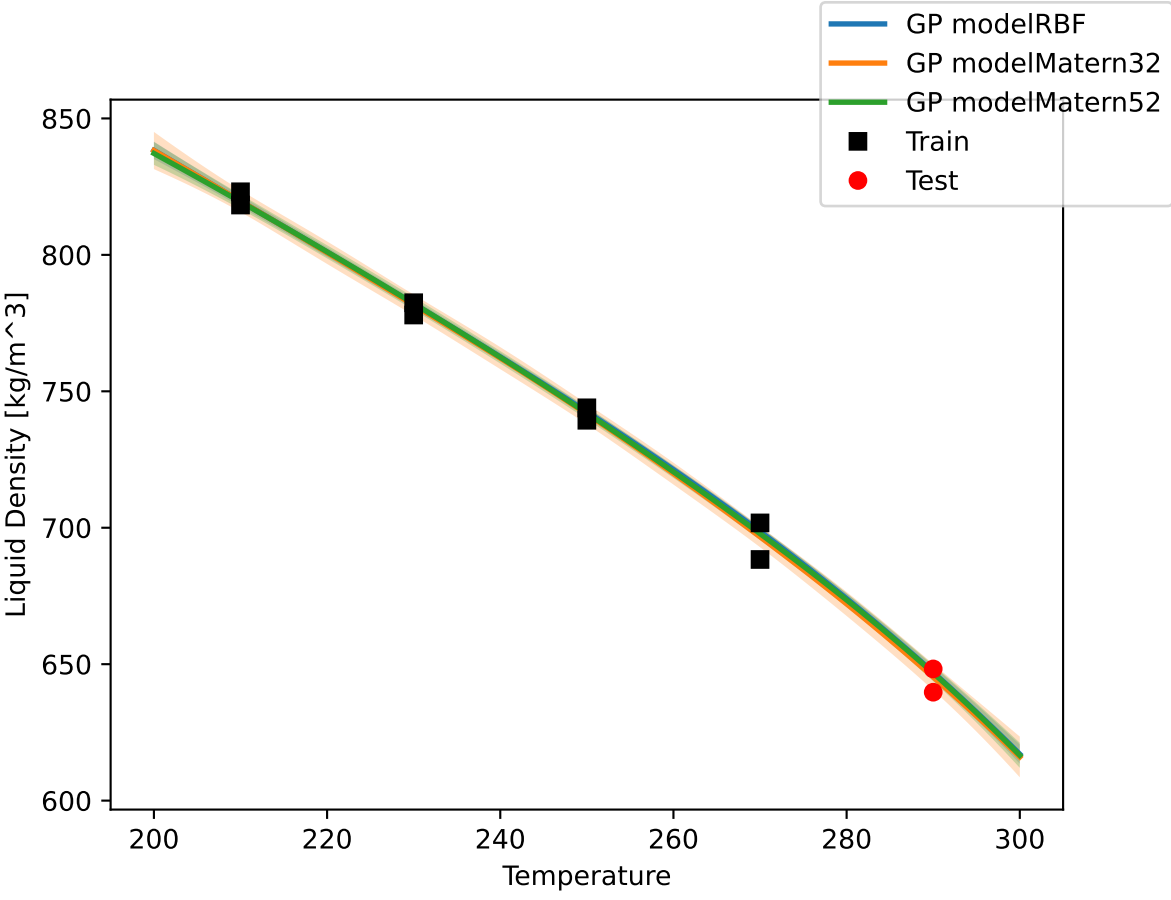

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

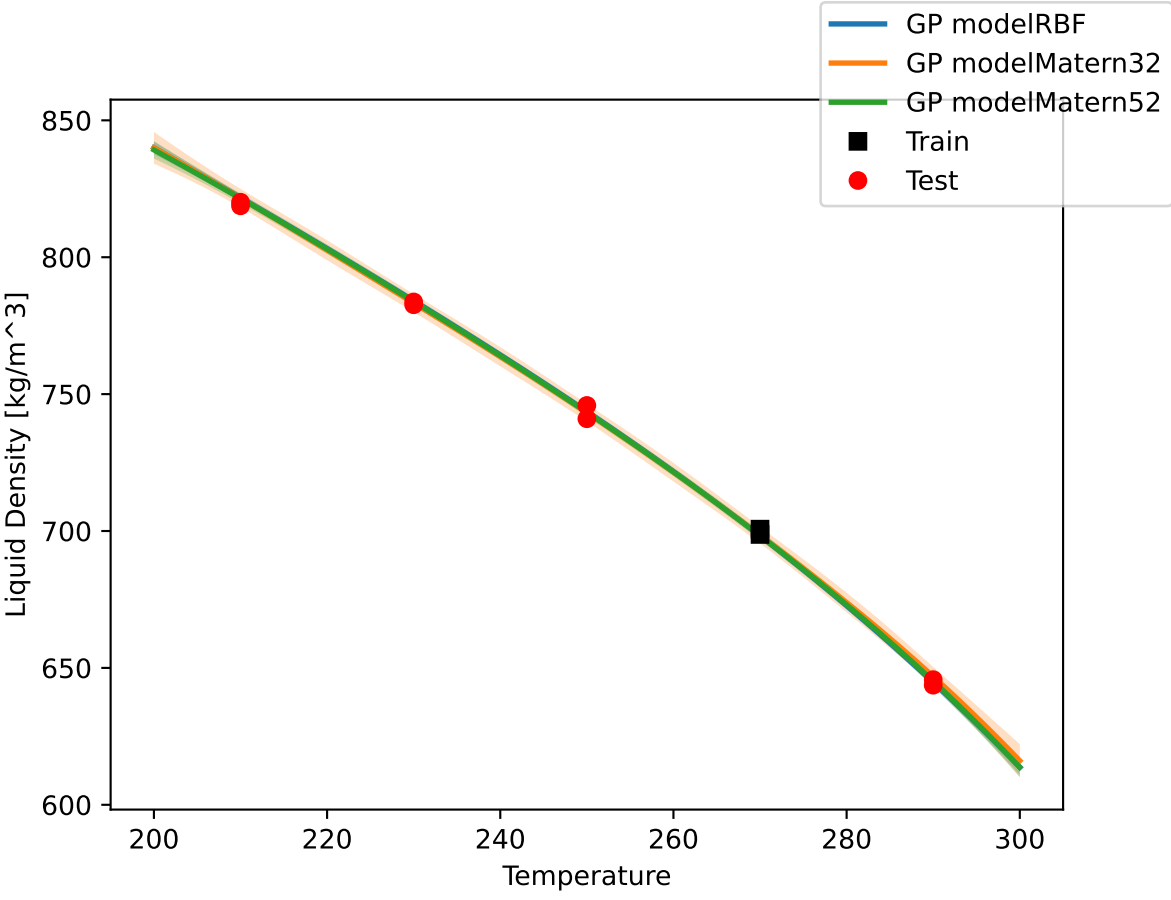

GP modelRBF
GP modelMatern32
GP modelMatern52
Test
Liquid Density [kg/m^3]
1200
1000
800
600
200
220
240
260
280
300
Temperature

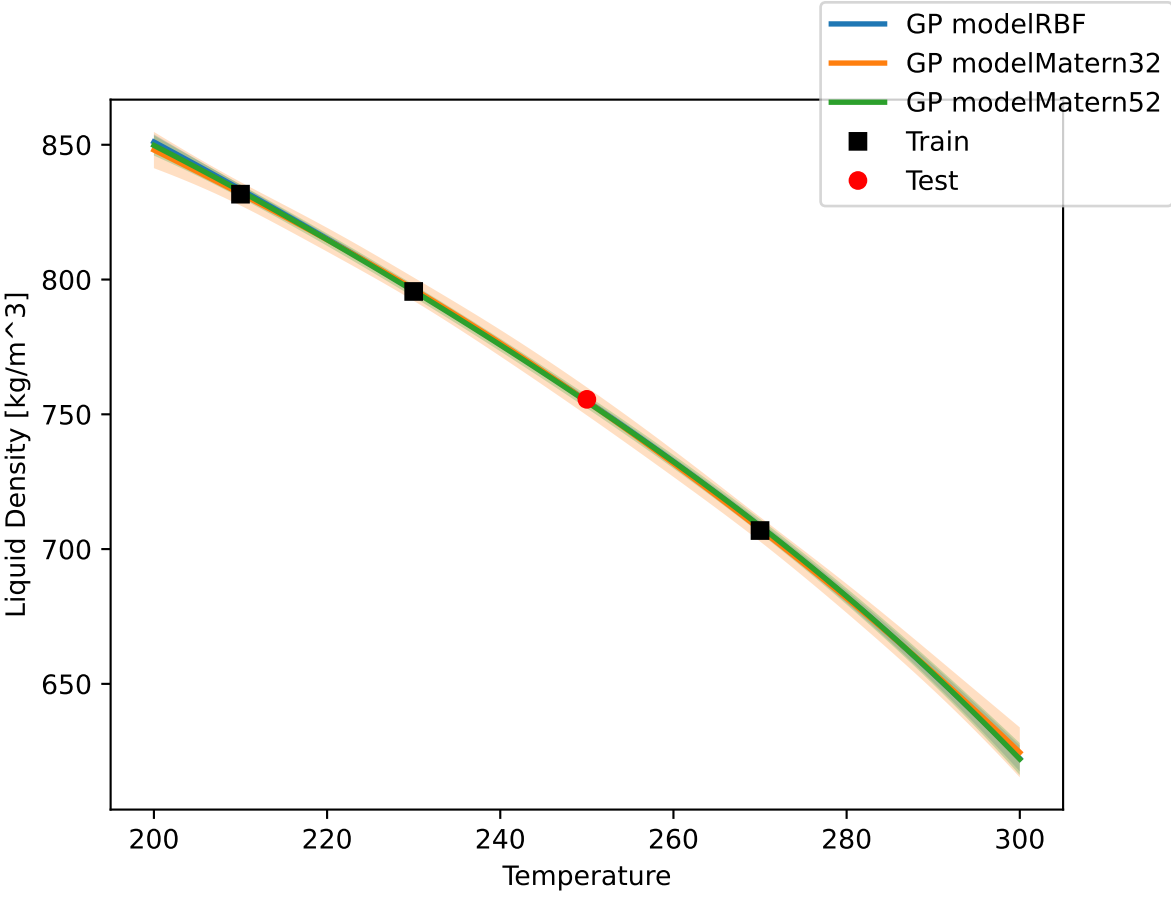

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

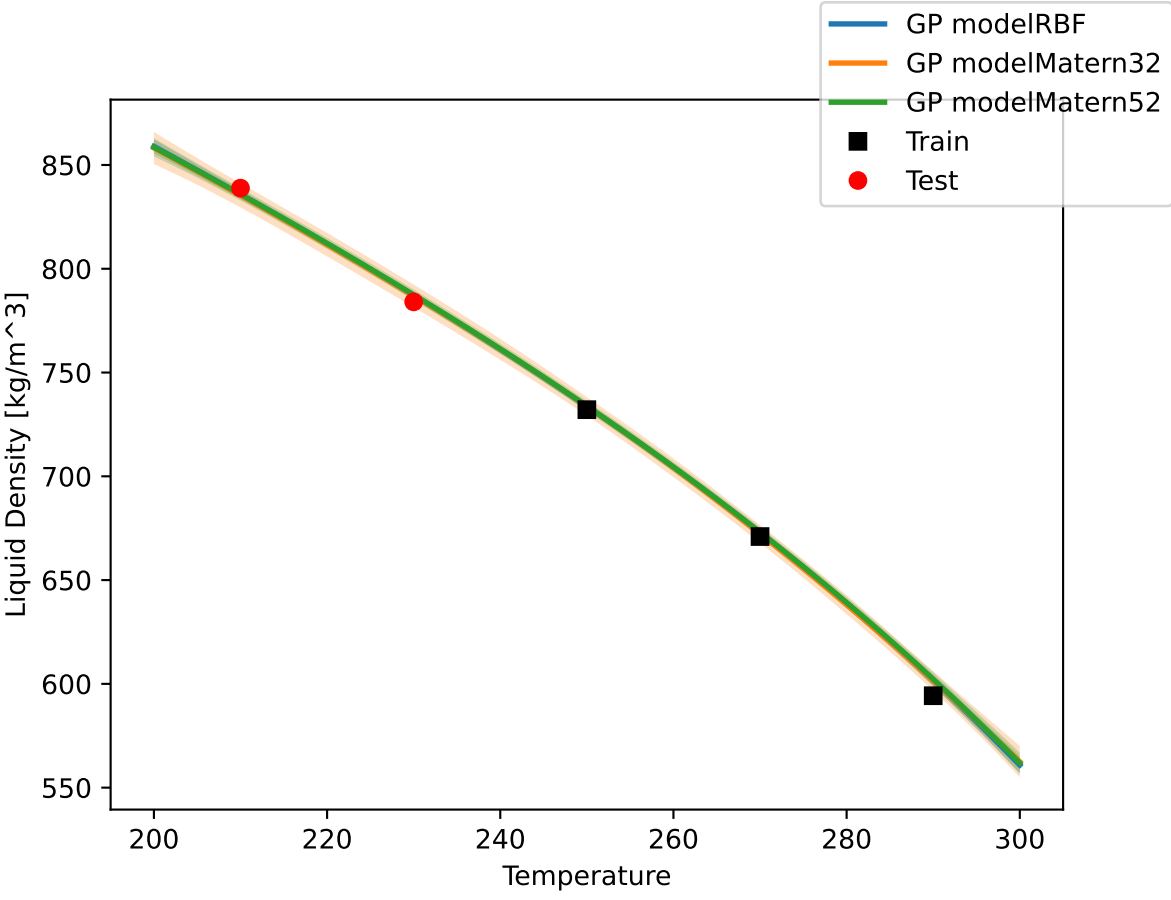

GP modelRBF
GP modelMatern32
GP modelMatern52
Test
850
800
750
700
650
600
550
500
450
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

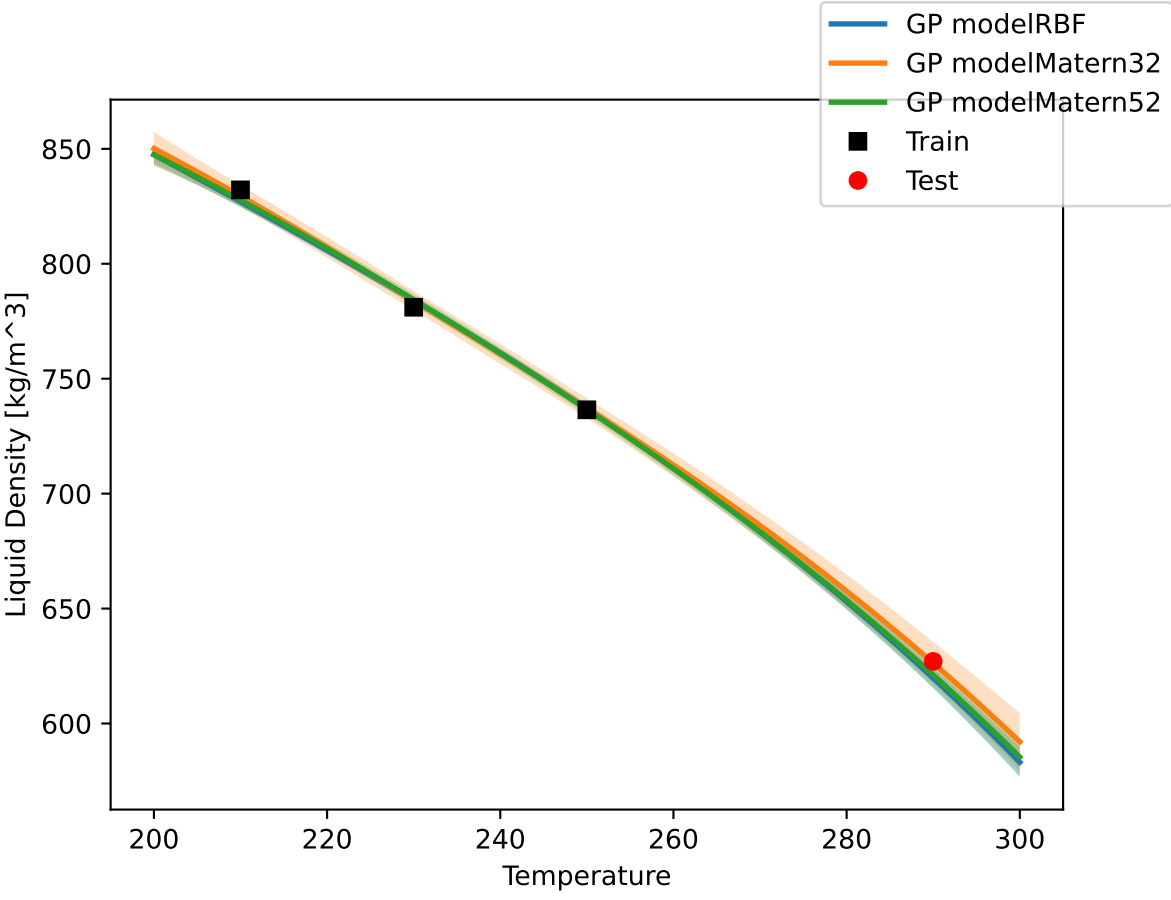

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

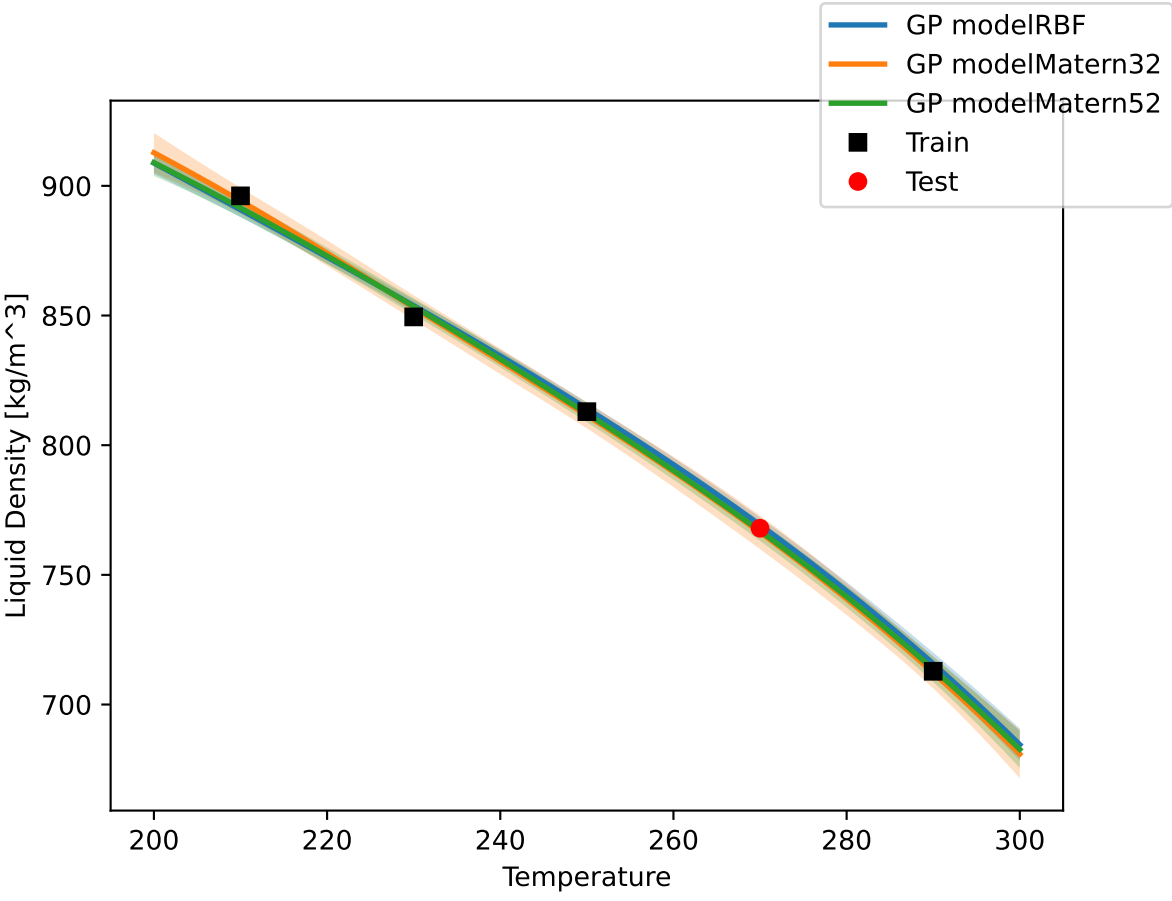

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

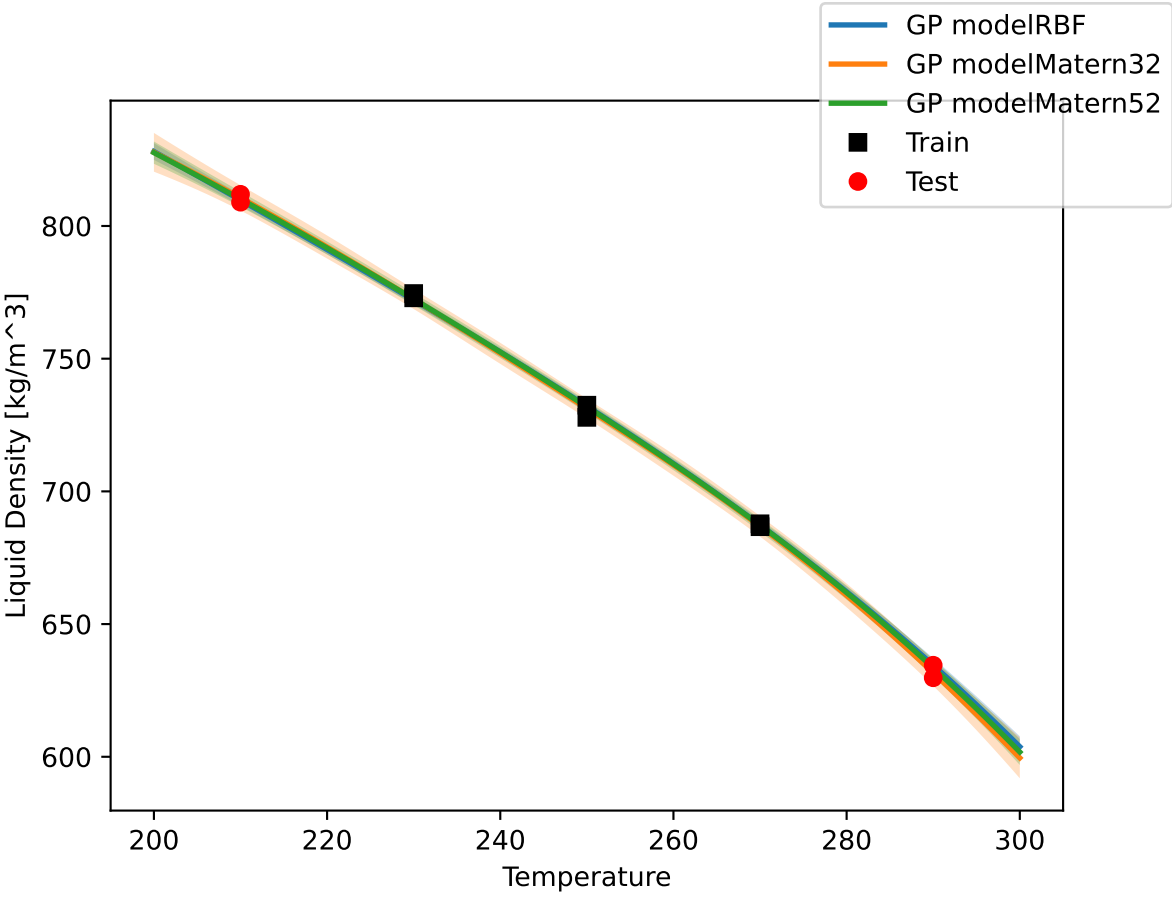

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

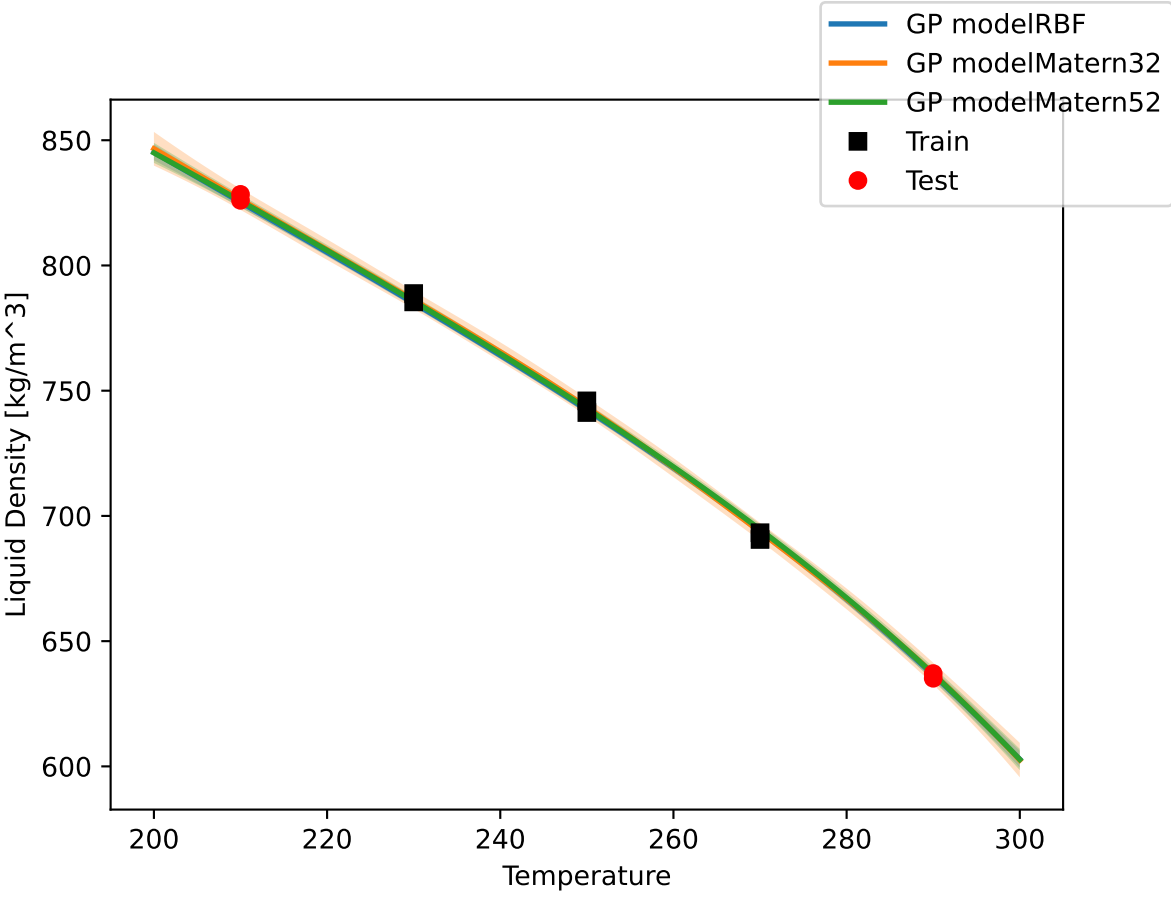

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

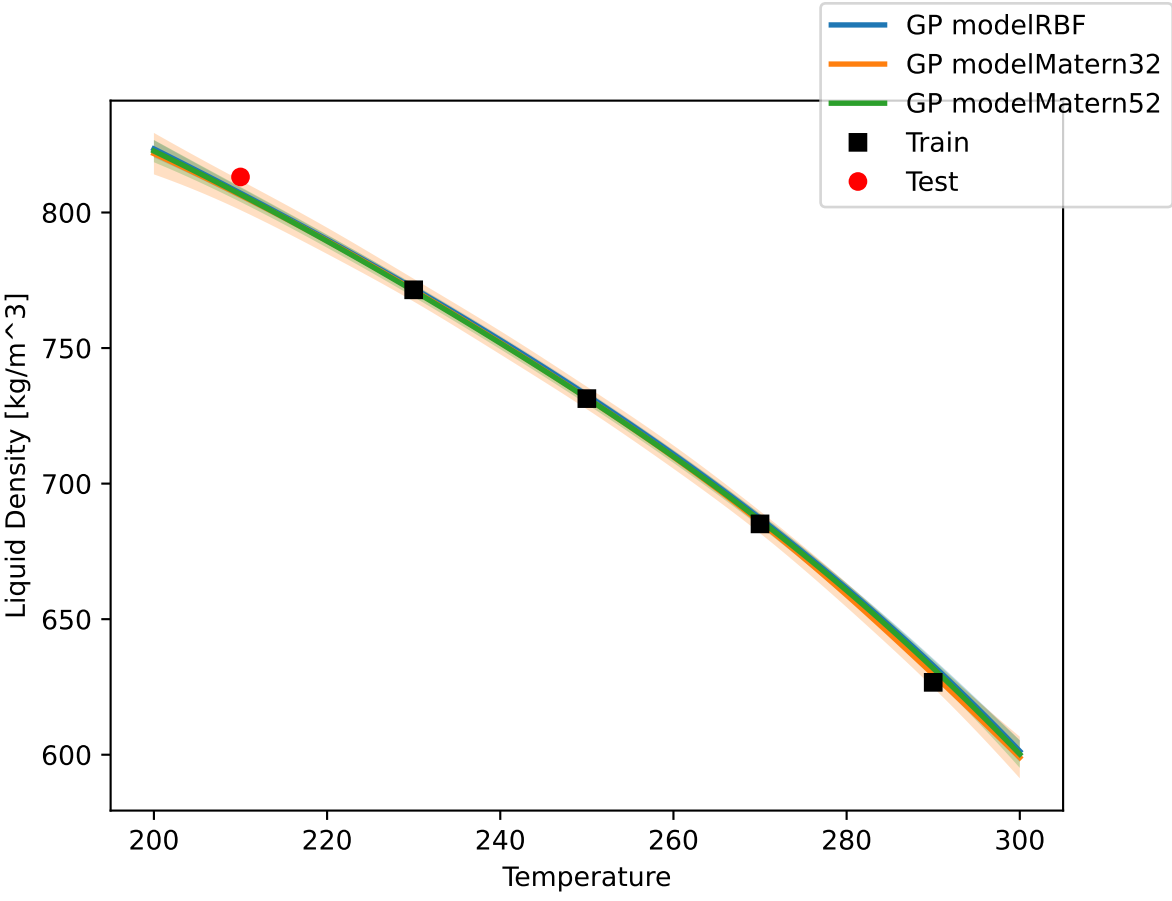

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

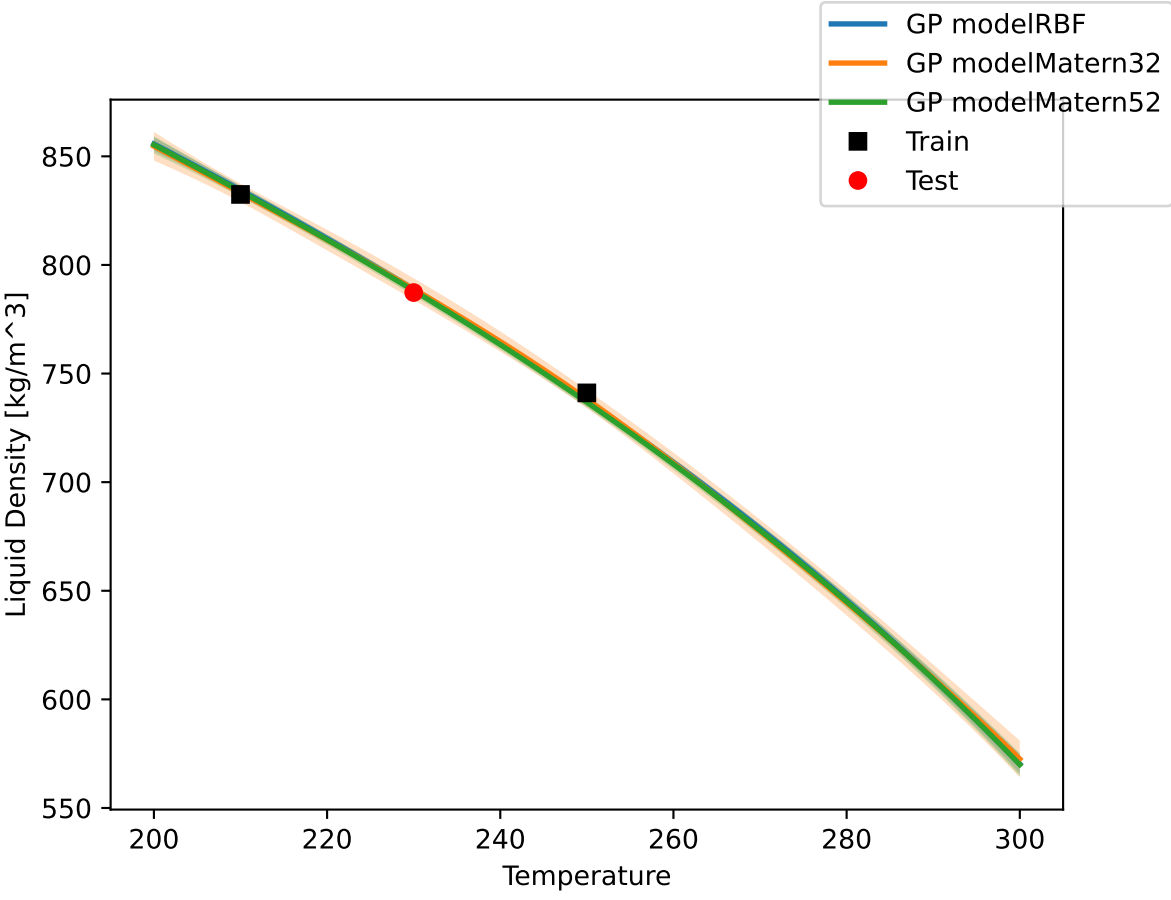

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

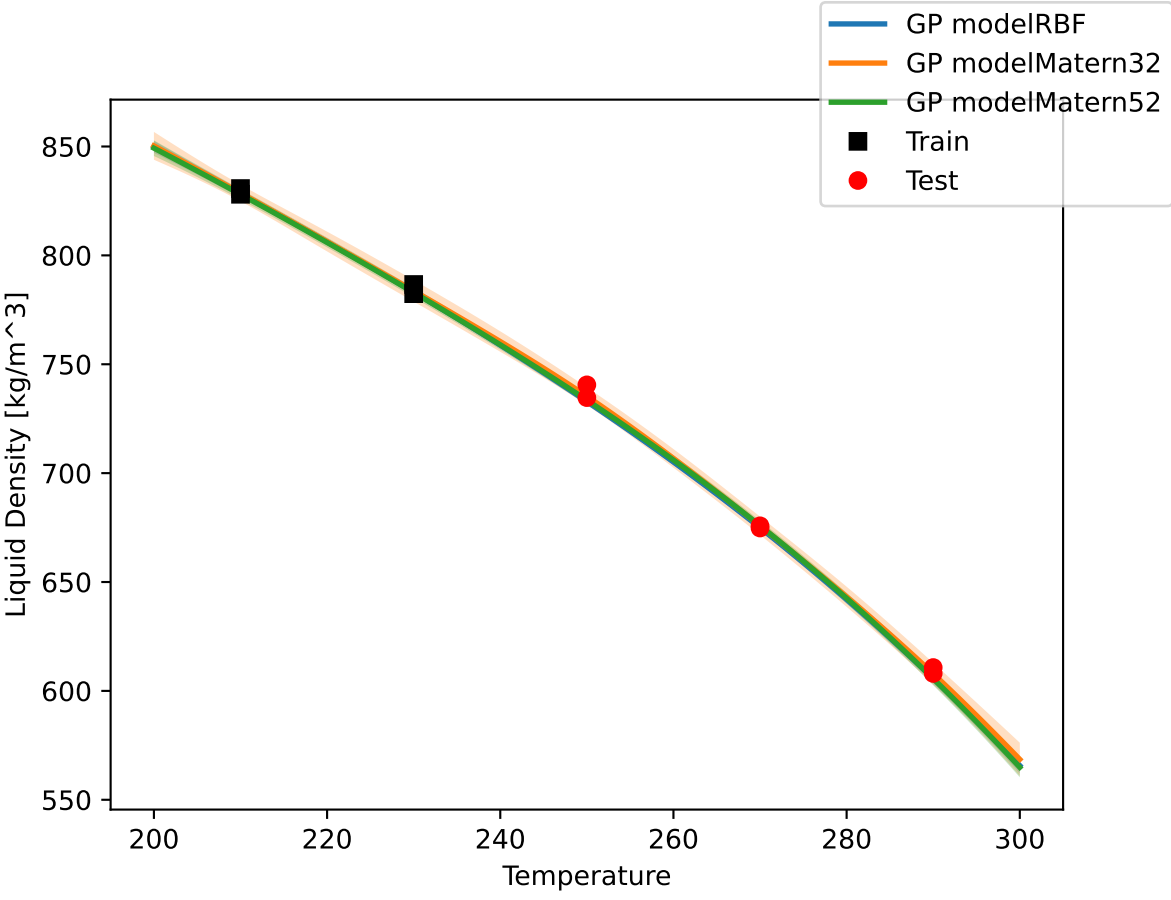

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

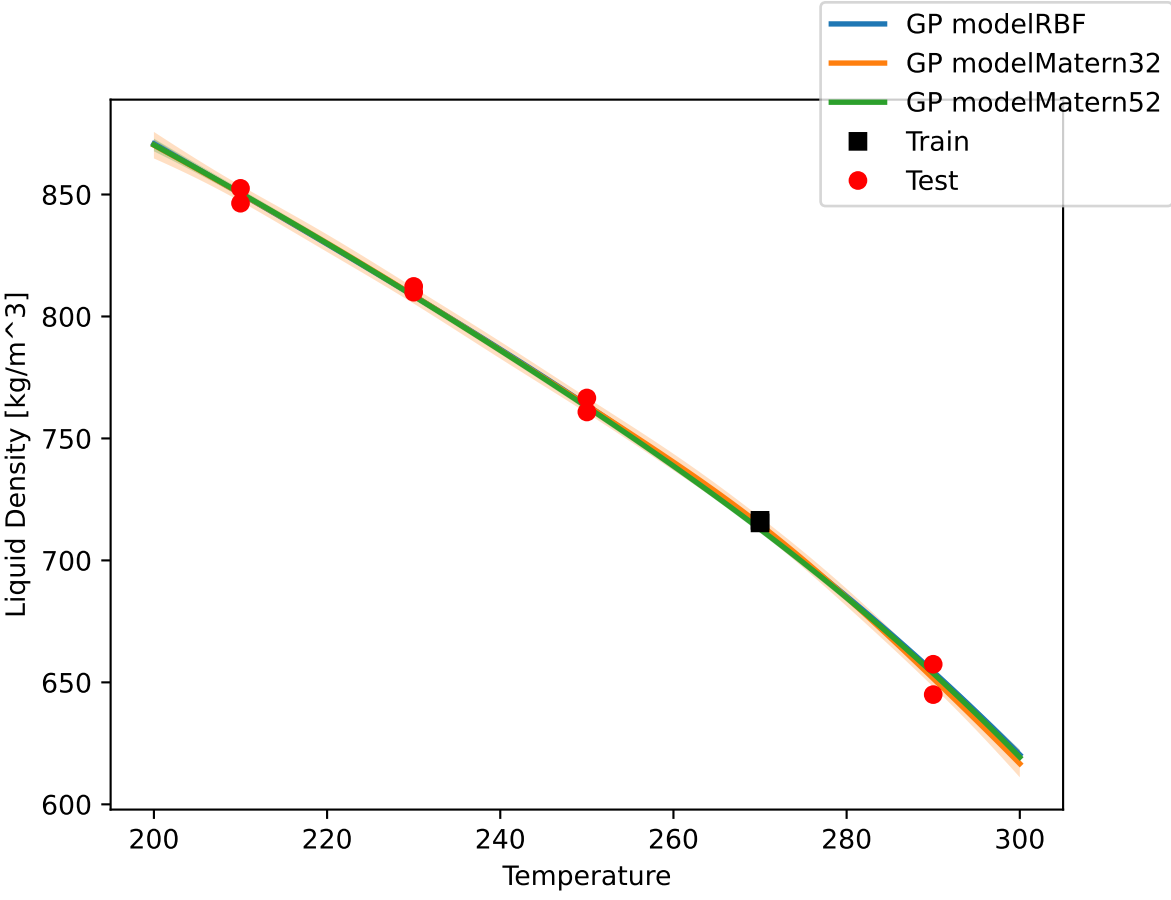

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

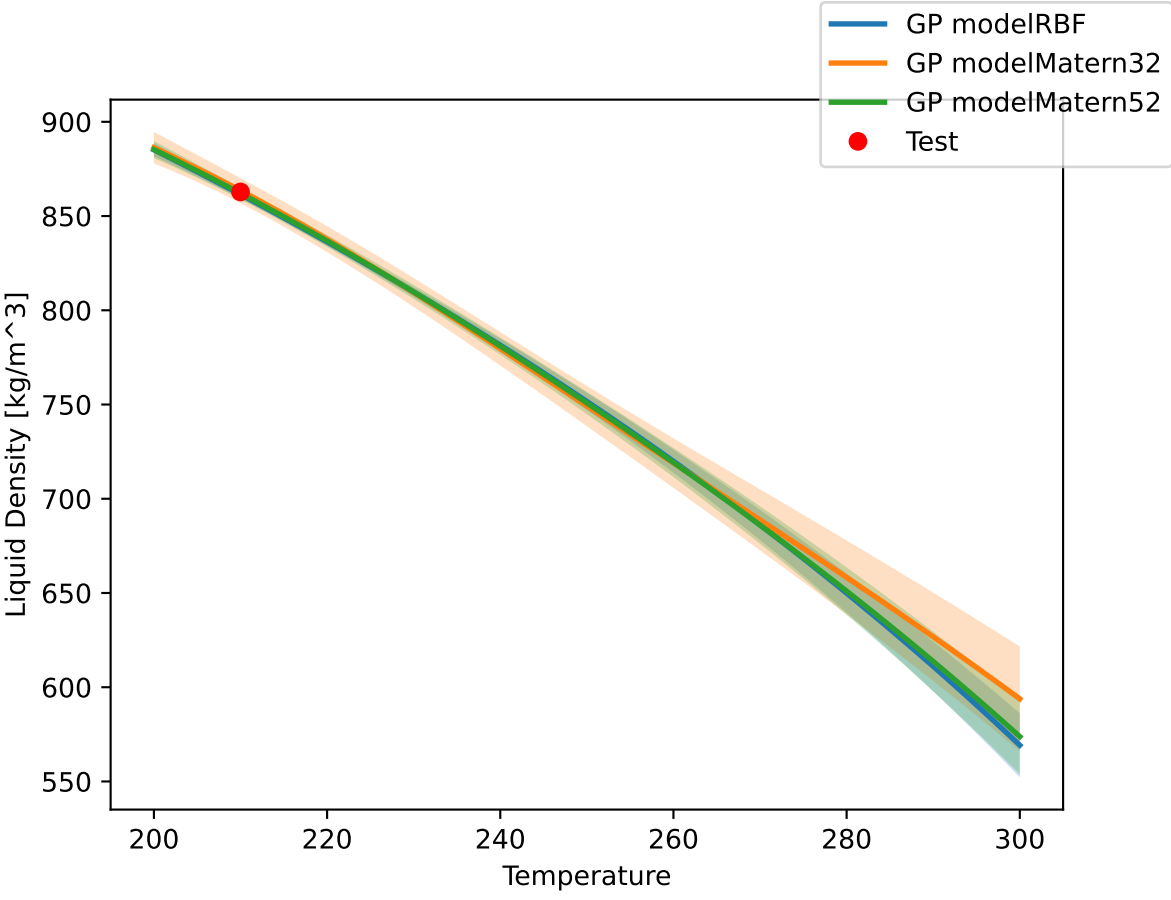

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

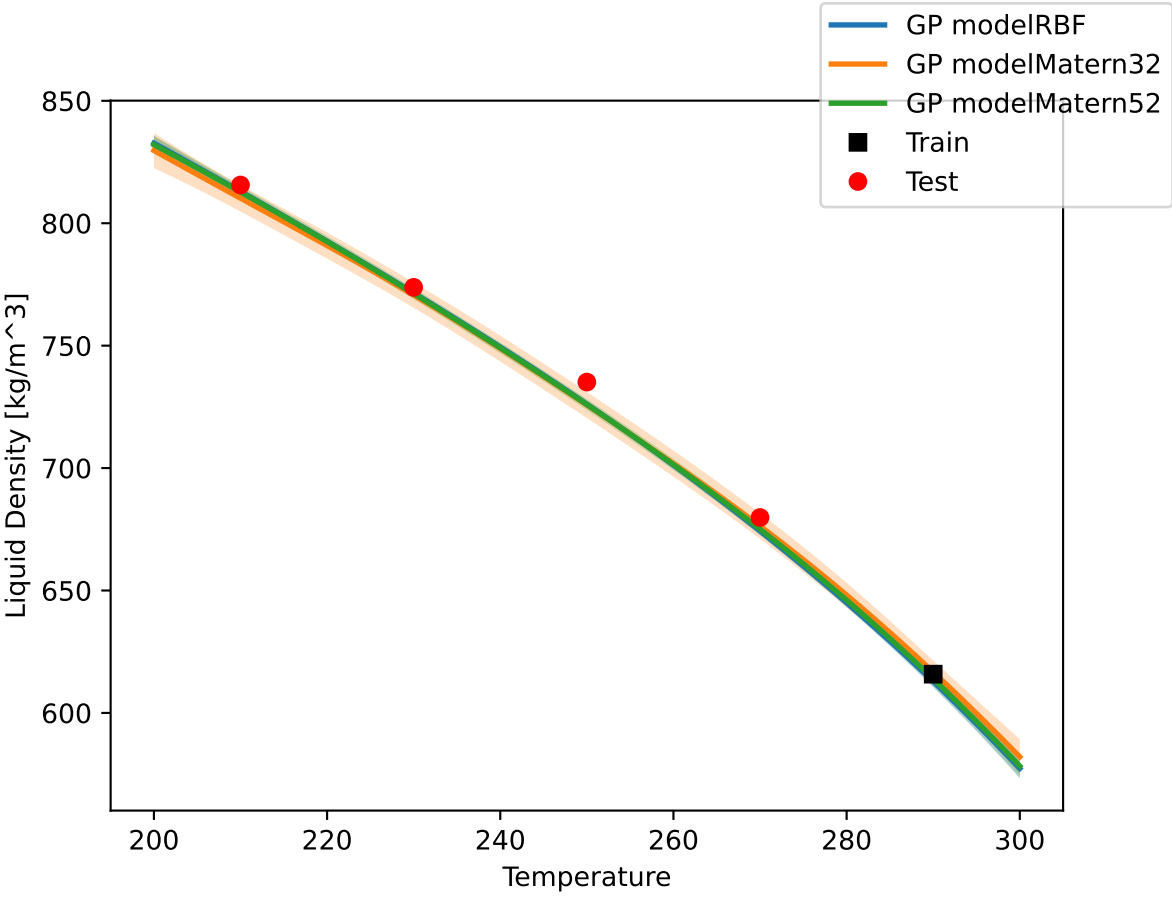

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

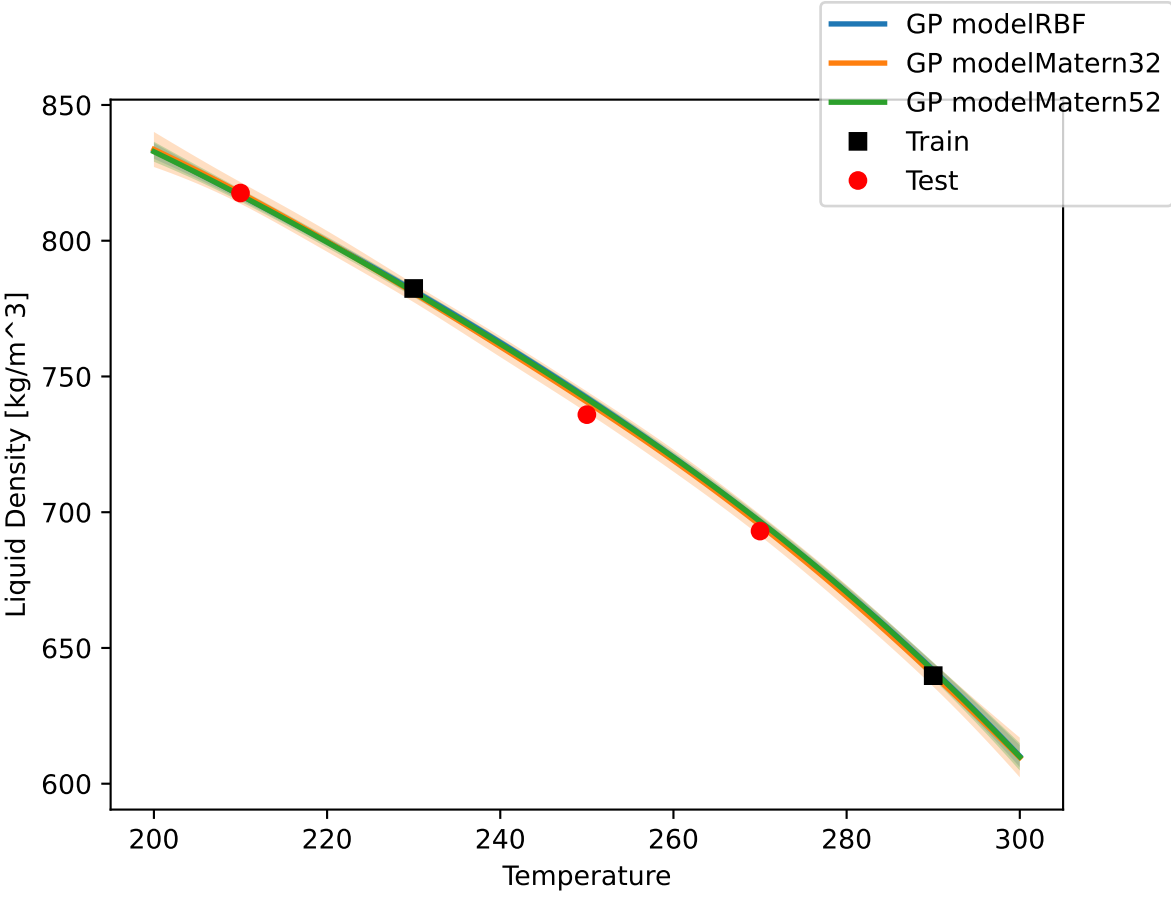

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

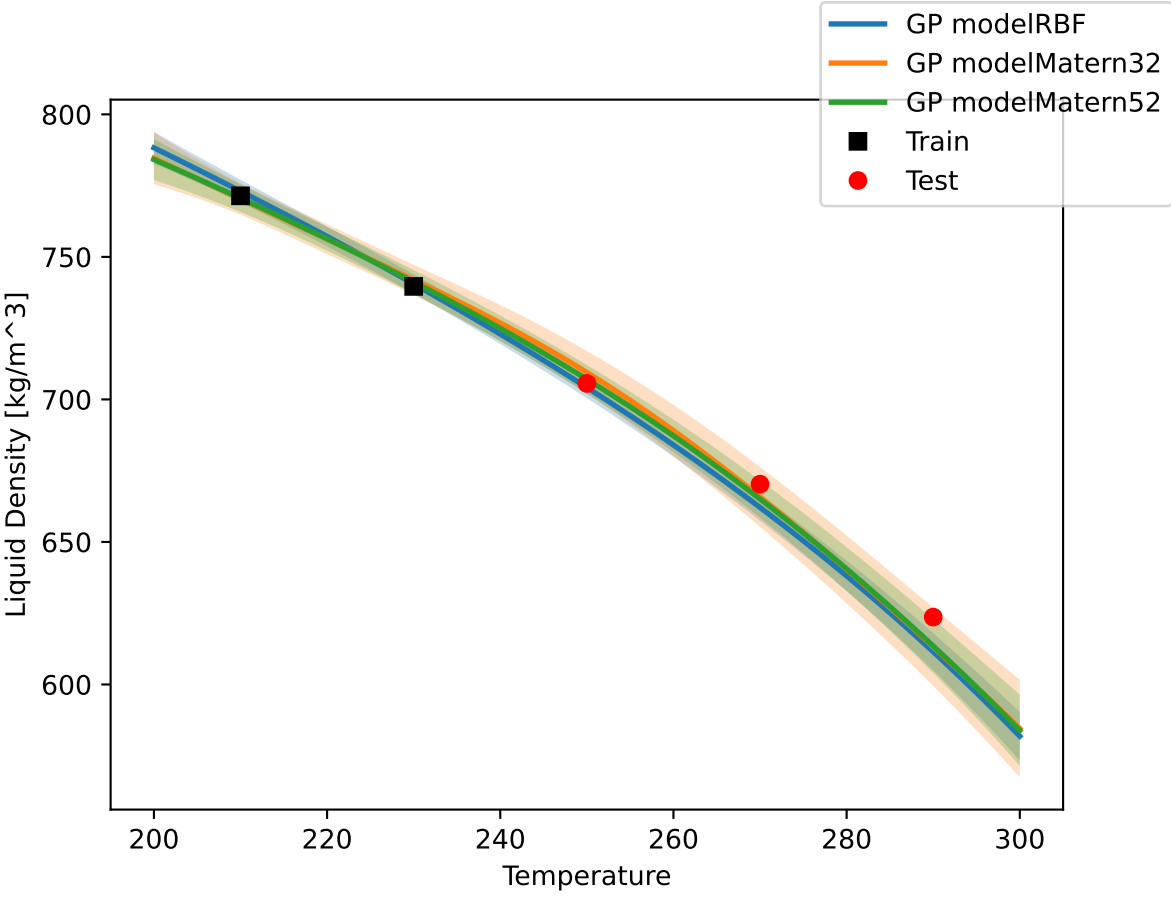

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

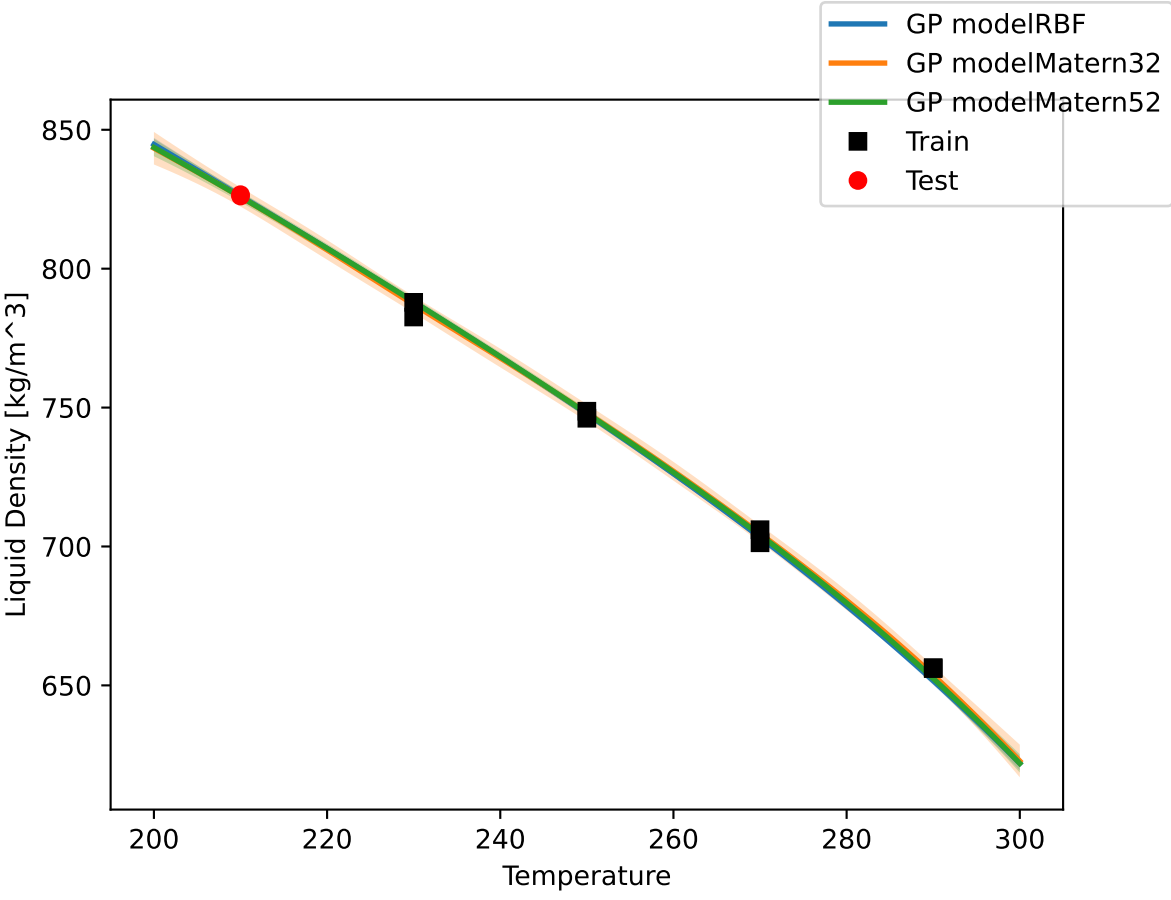

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

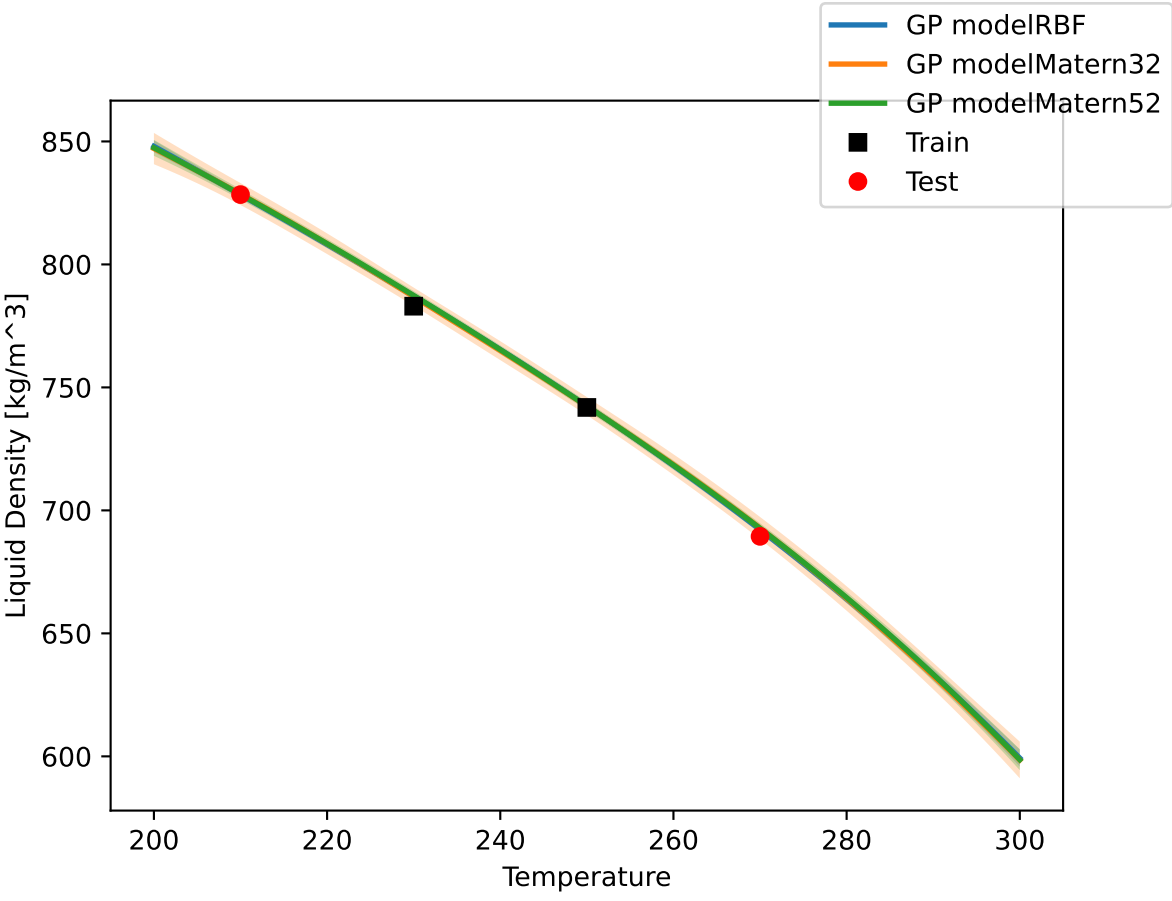

GP modelRBF
GP modelMatern32
GP modelMatern52
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

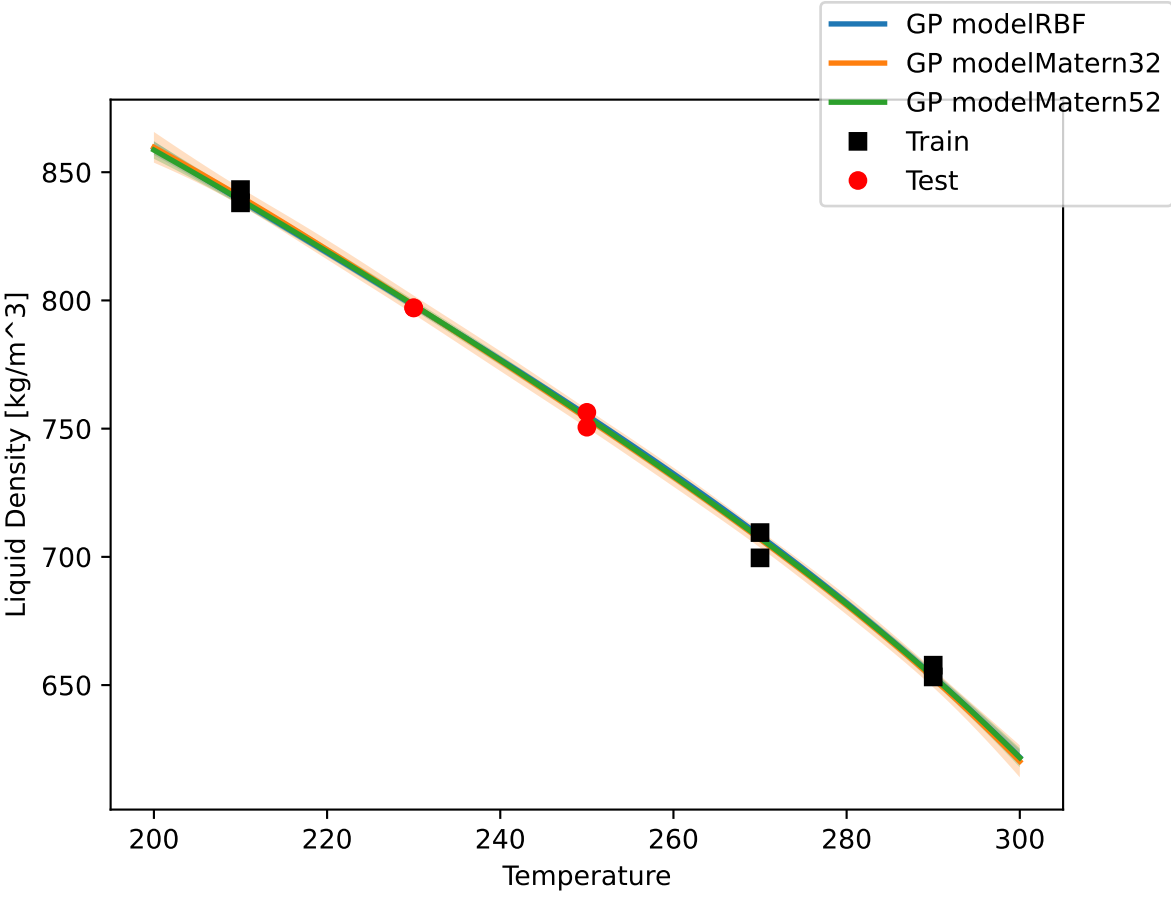

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

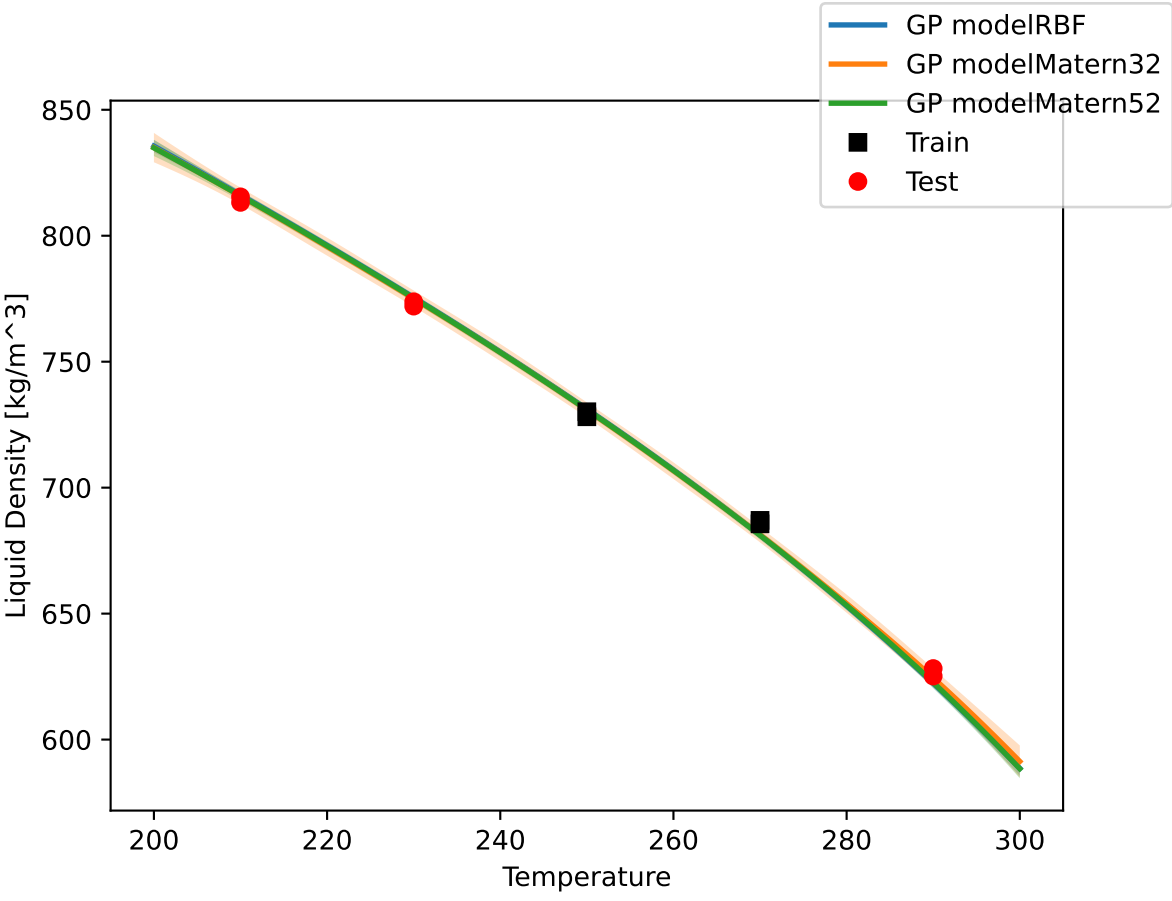

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

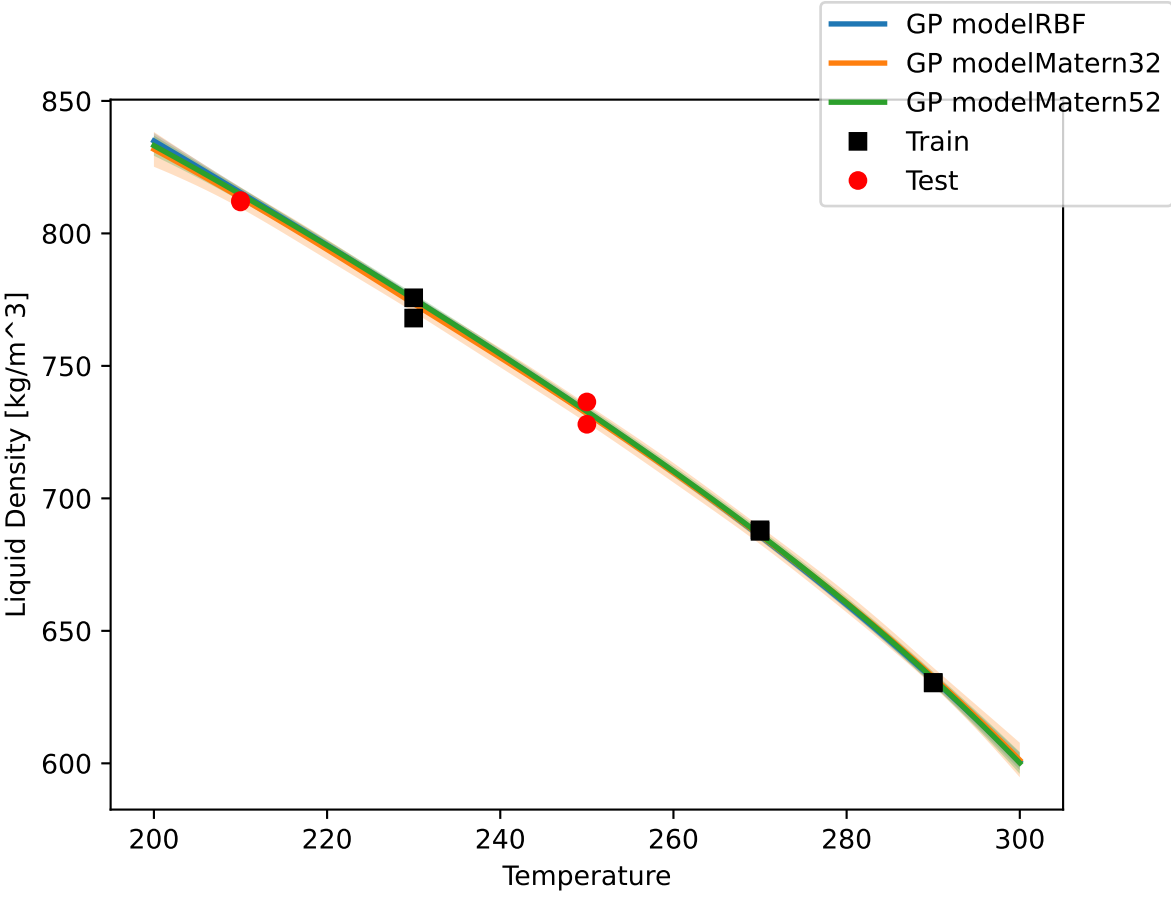

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

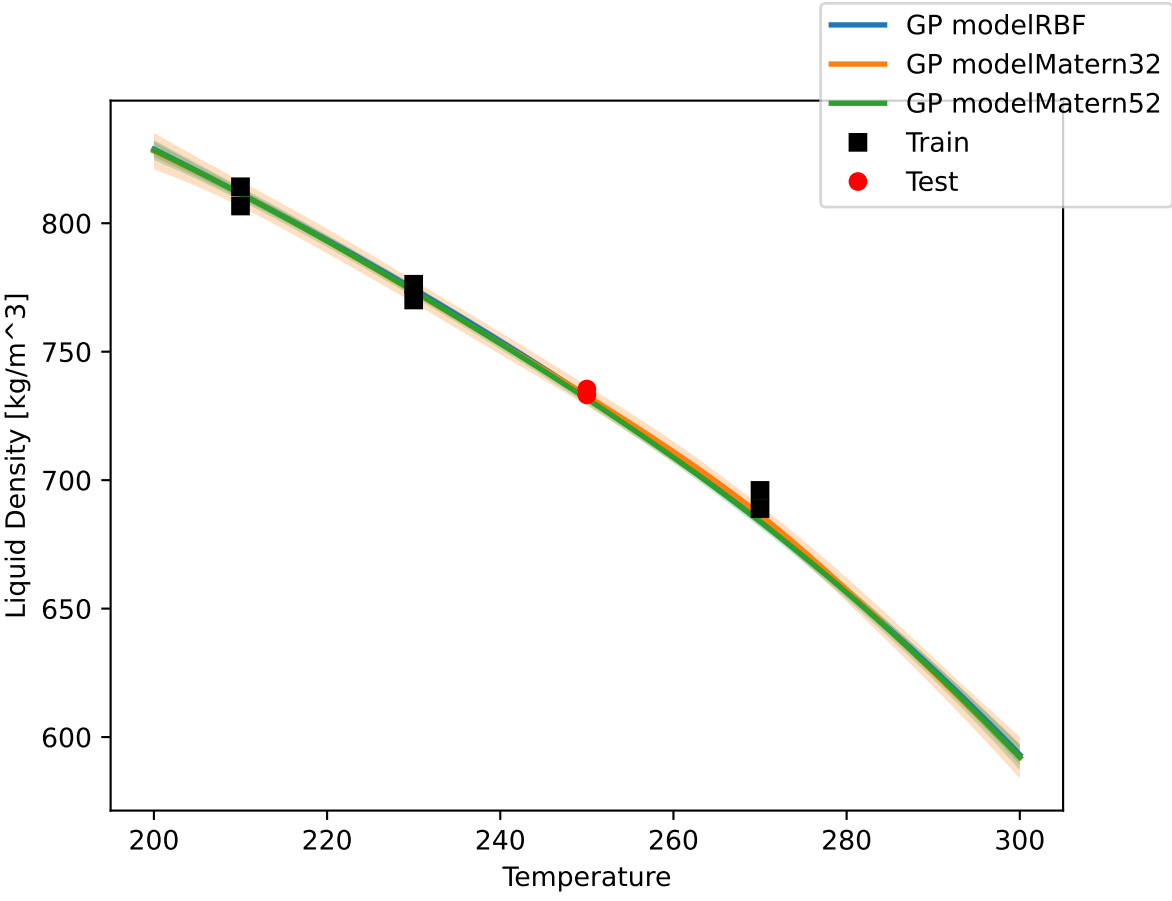

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

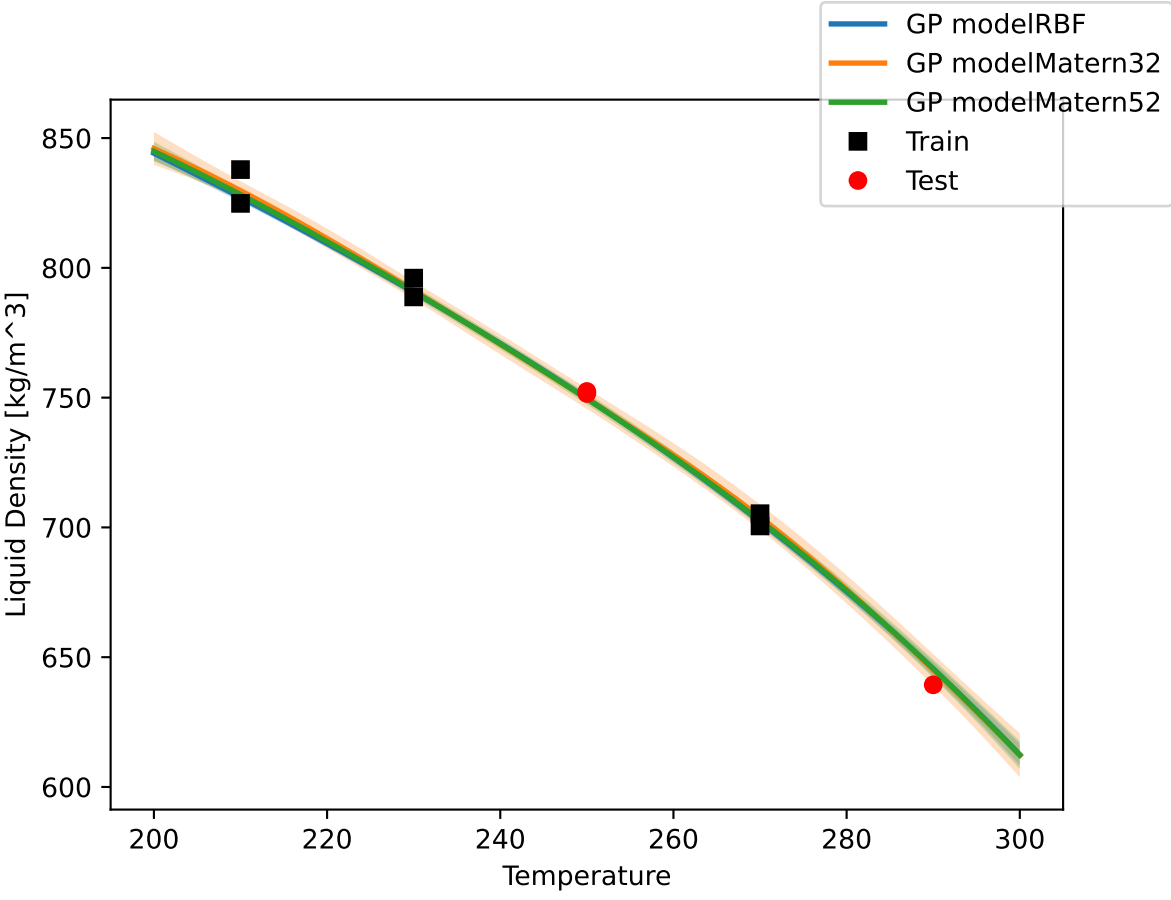

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

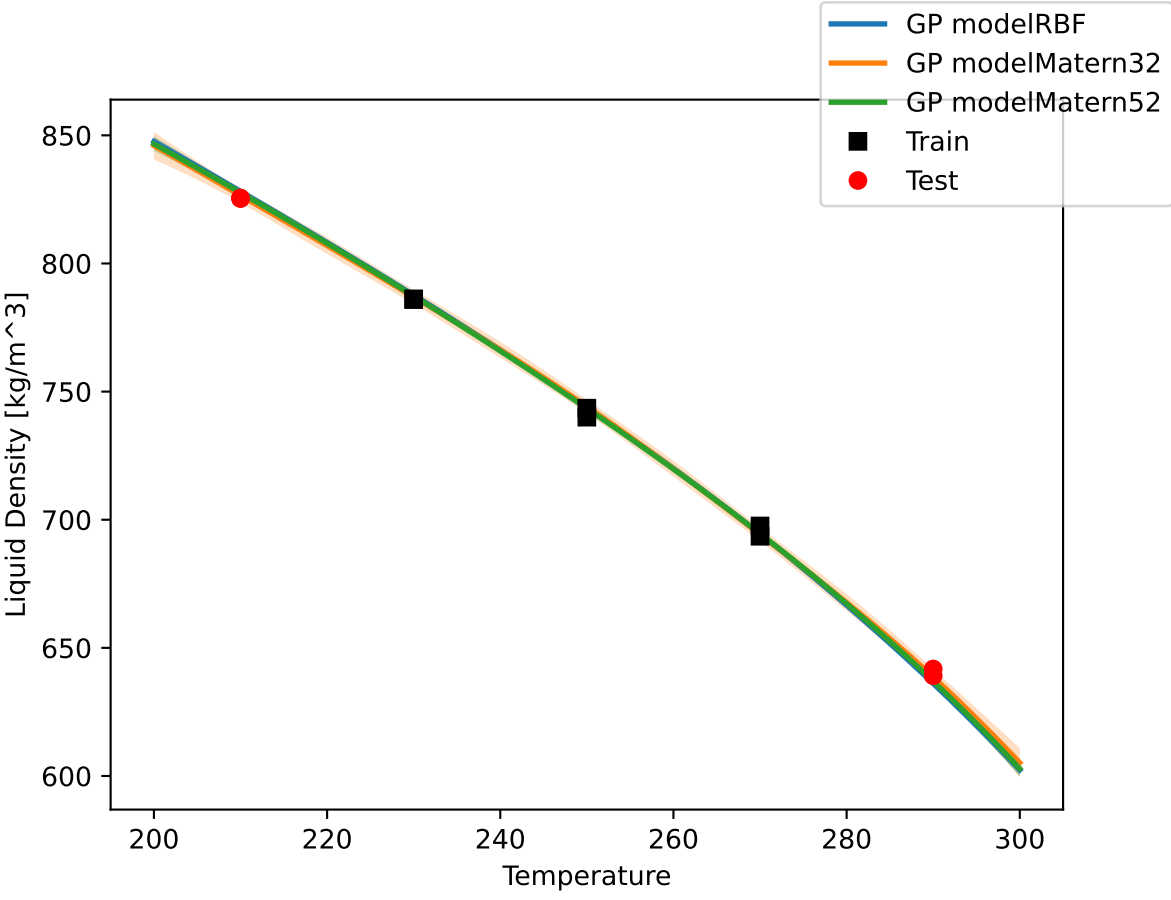

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

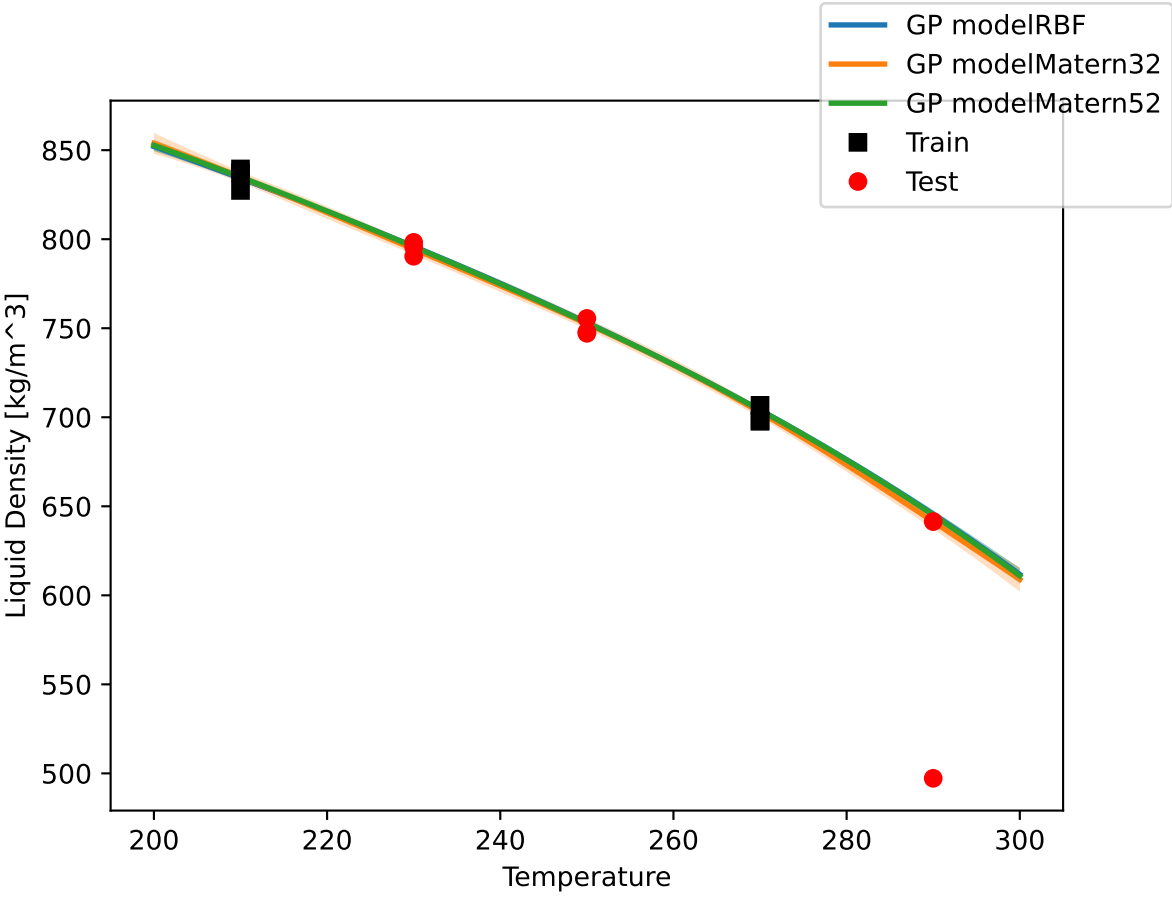

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

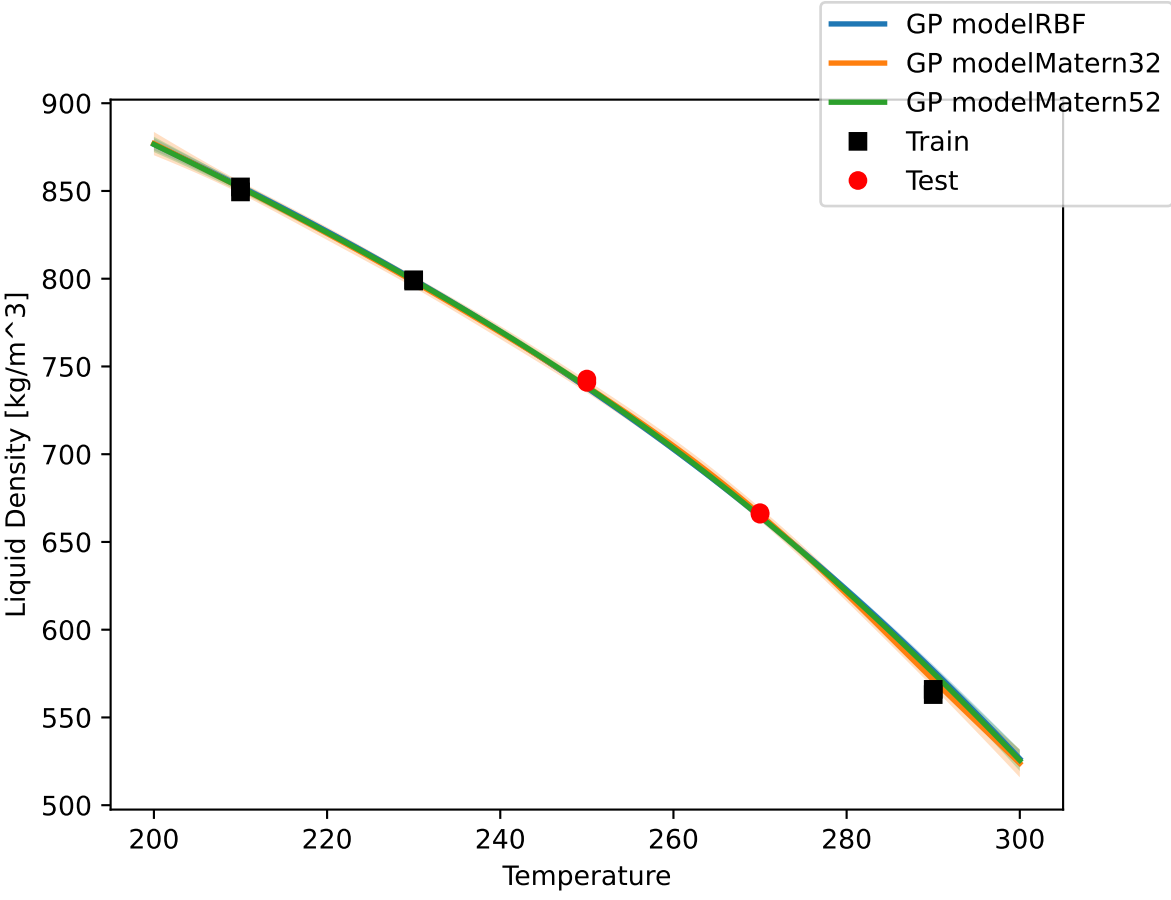

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

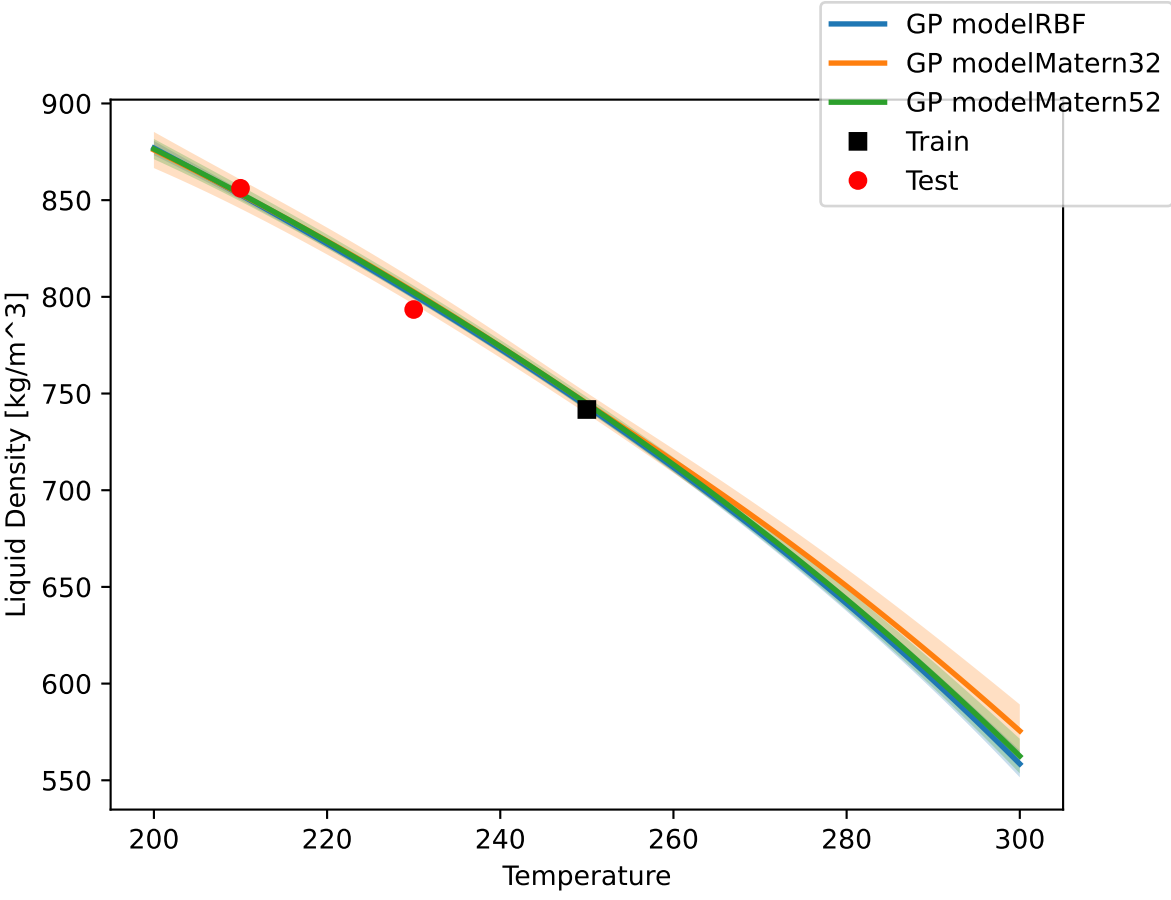

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

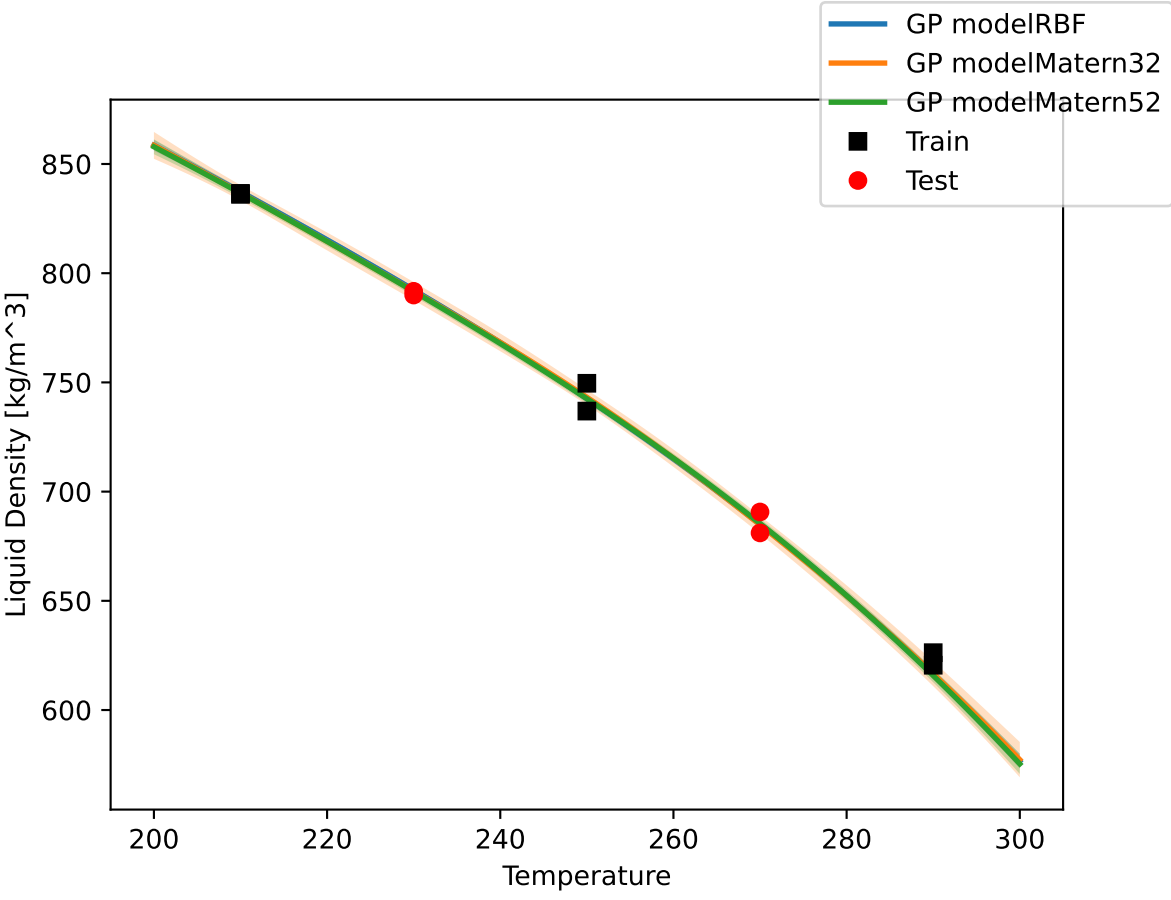

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

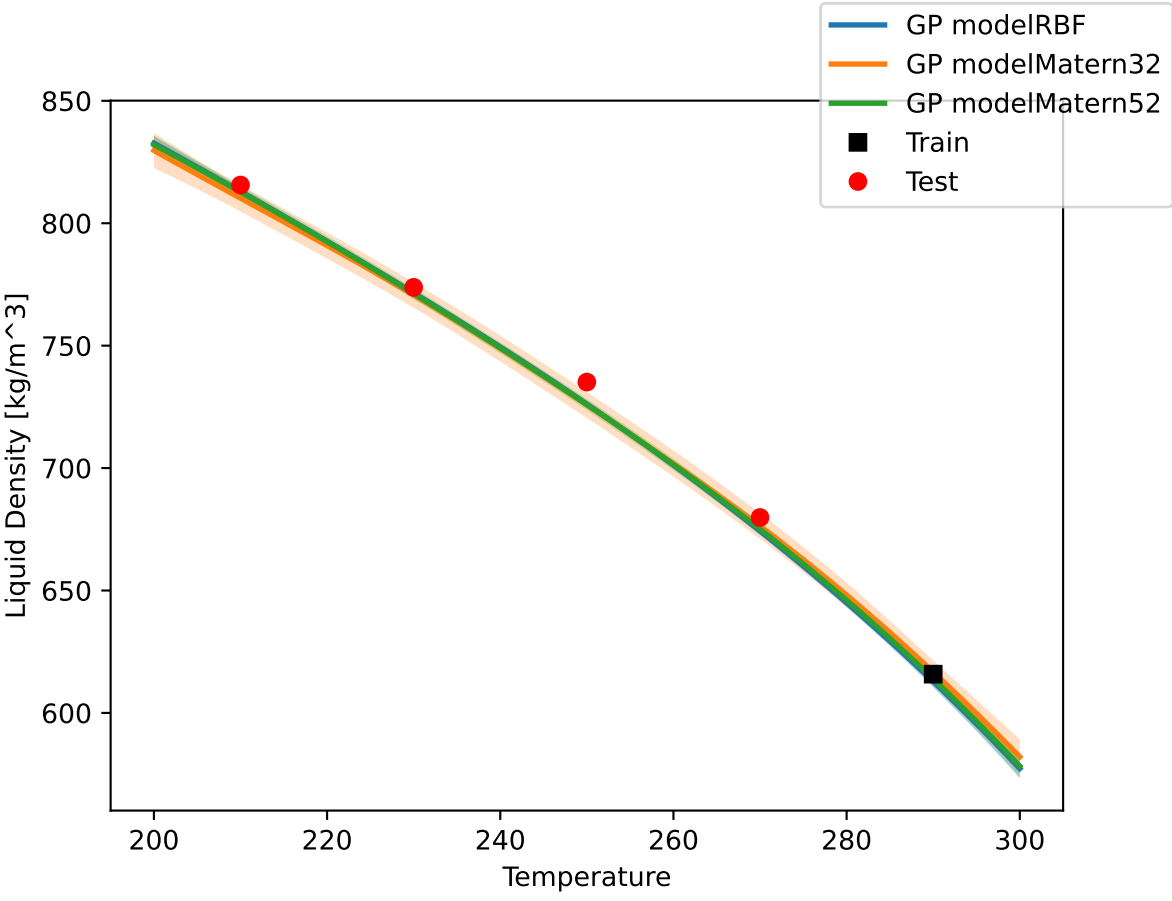

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

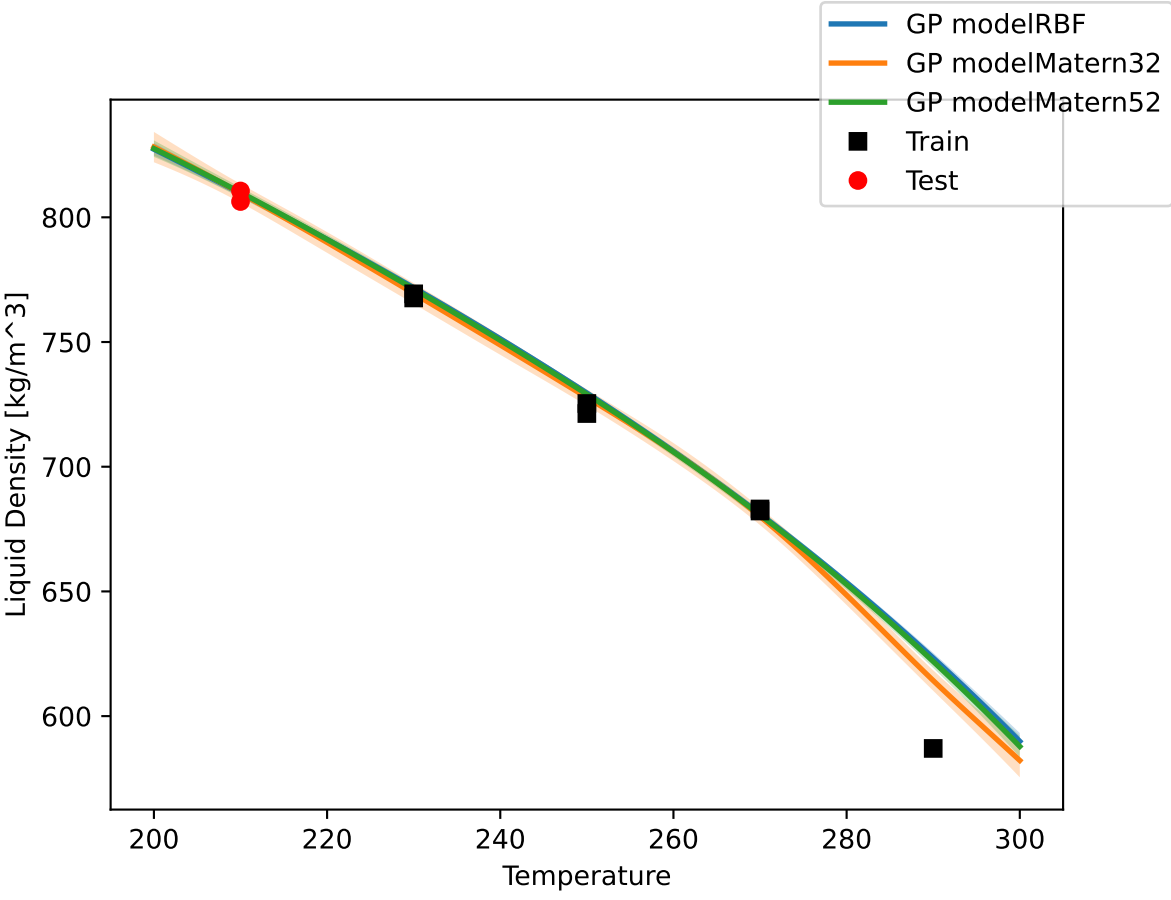

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
500
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

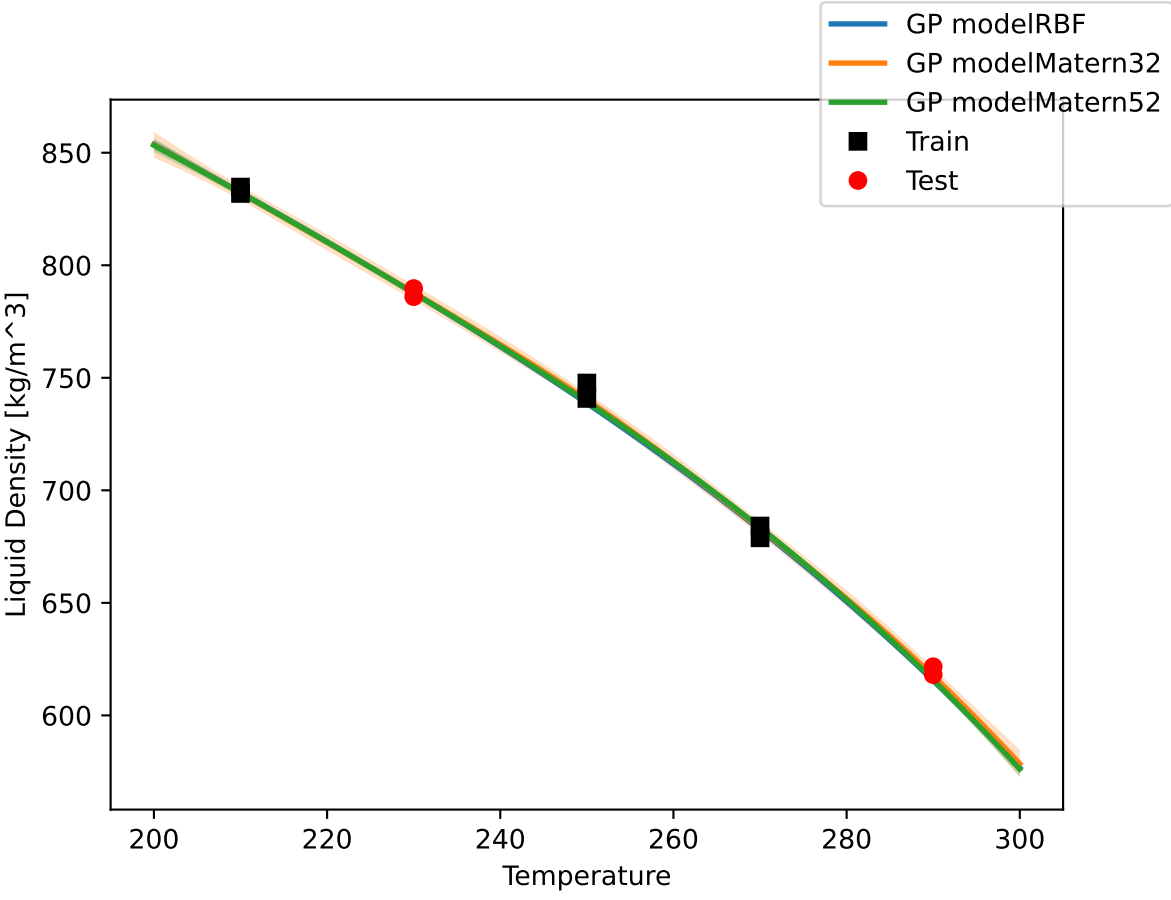

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
600
550
500
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

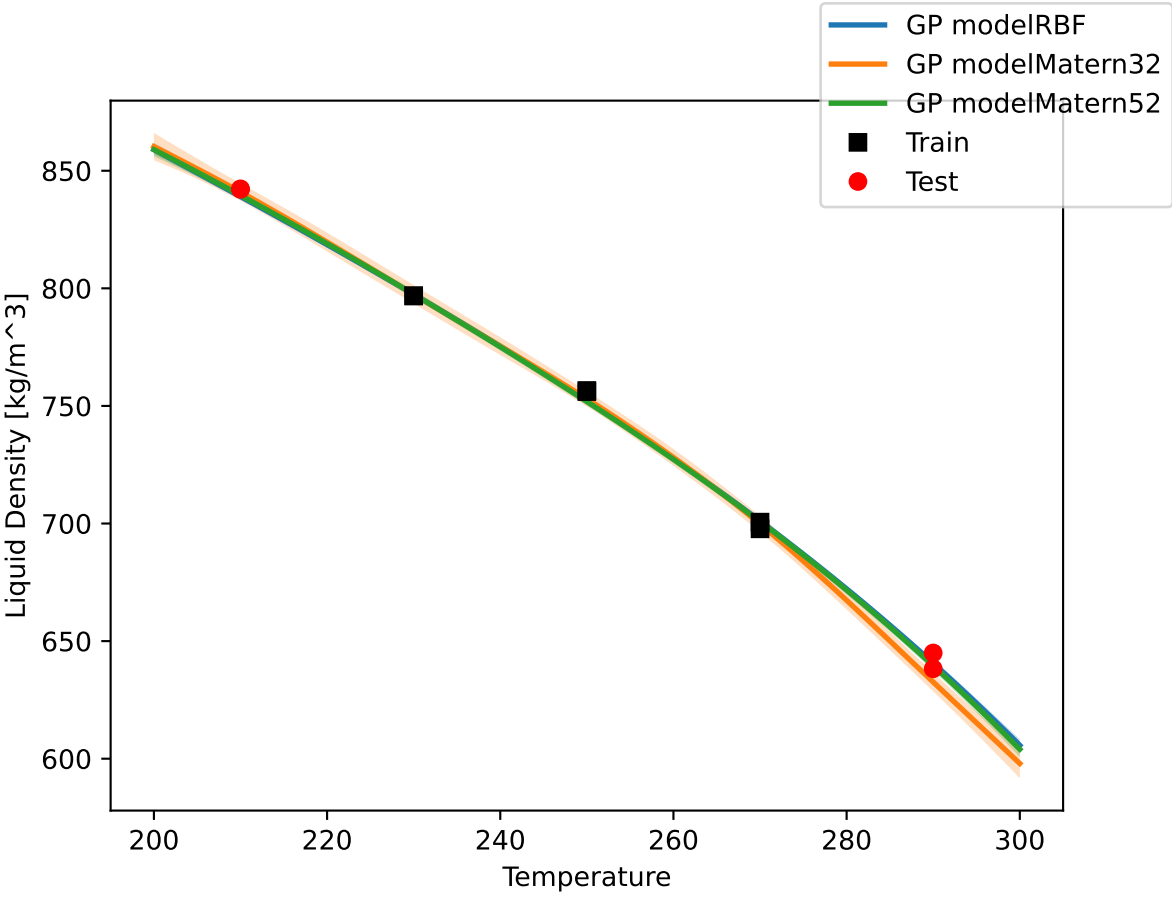

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

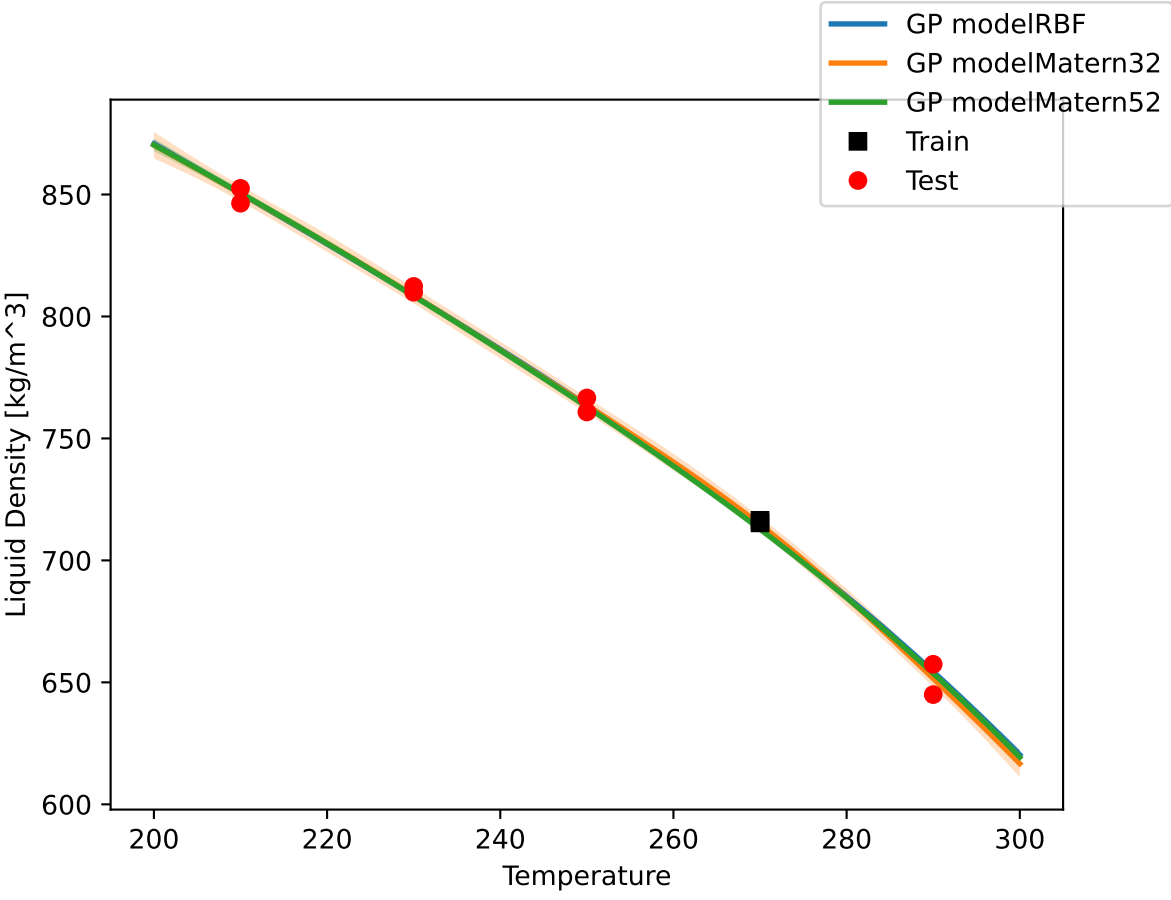

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

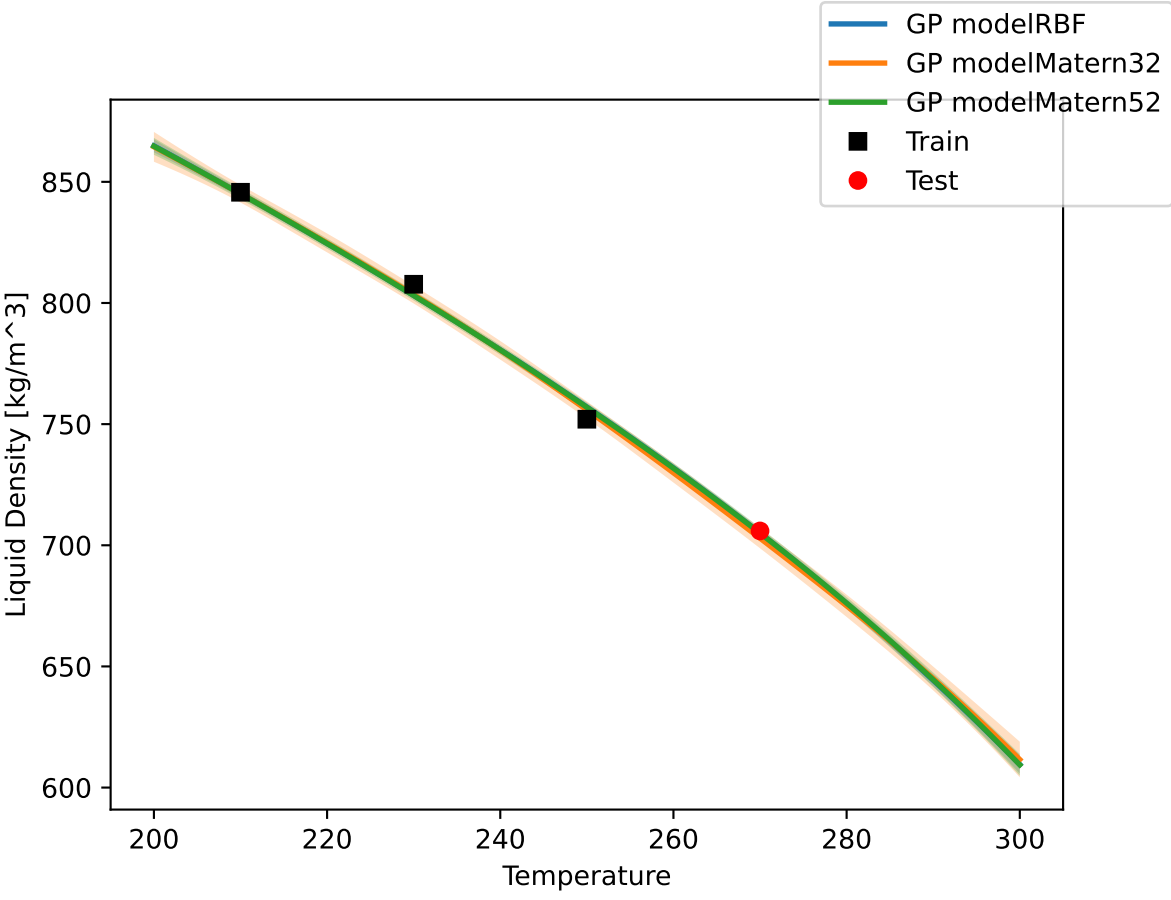

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

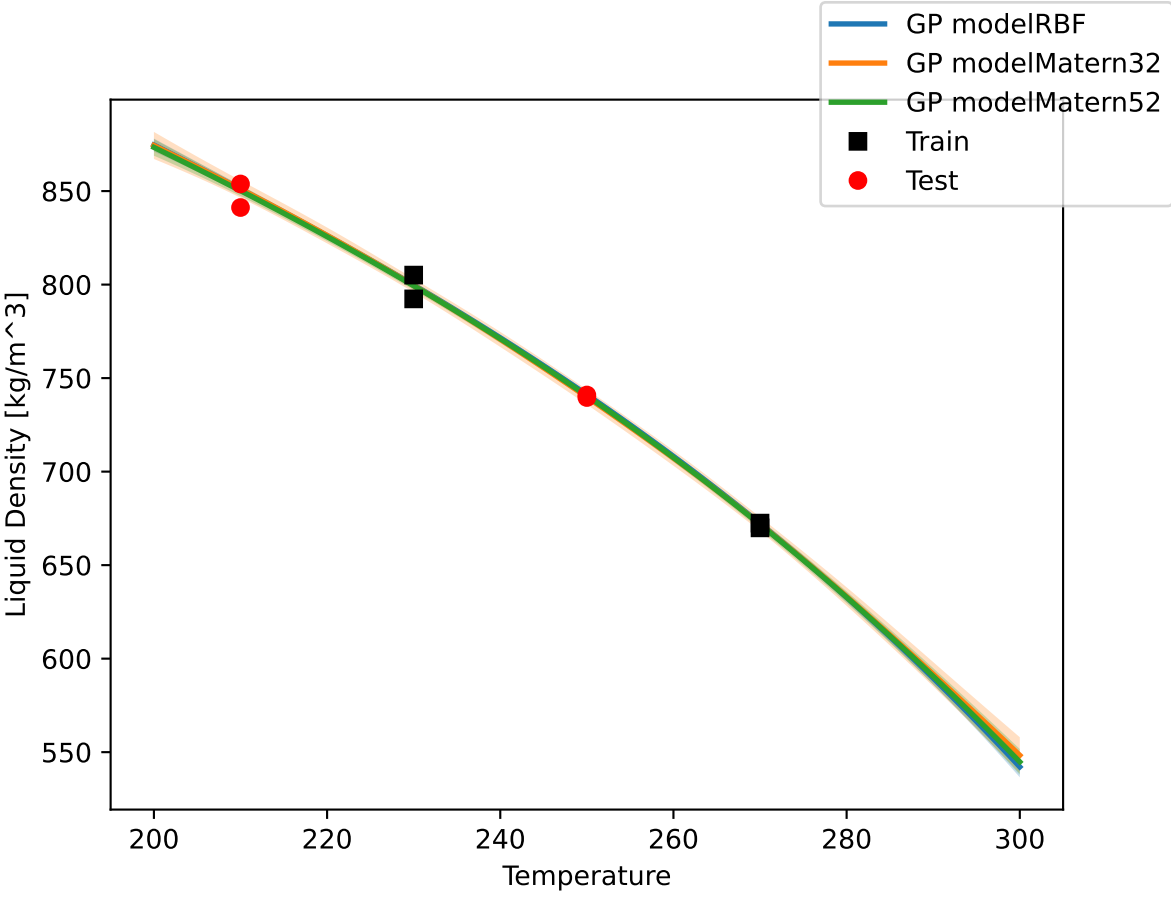

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

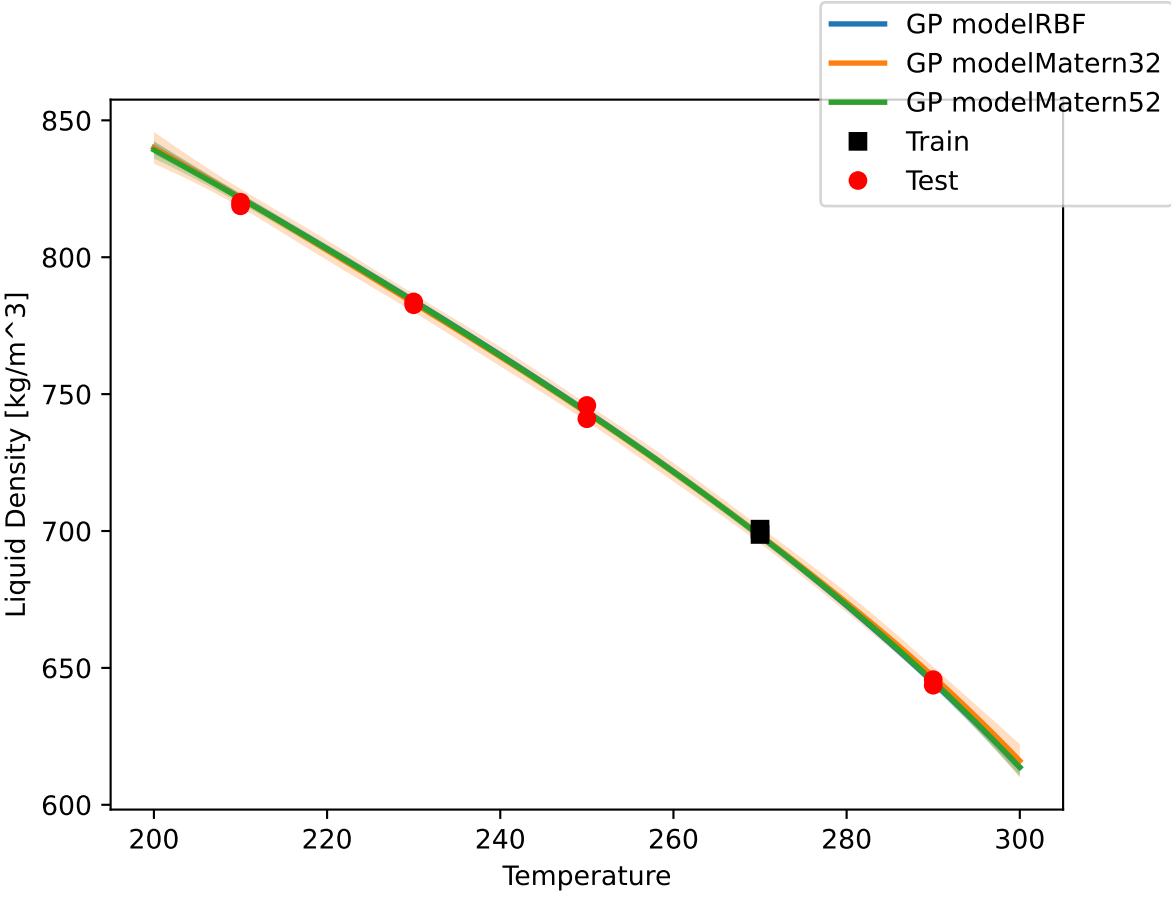

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

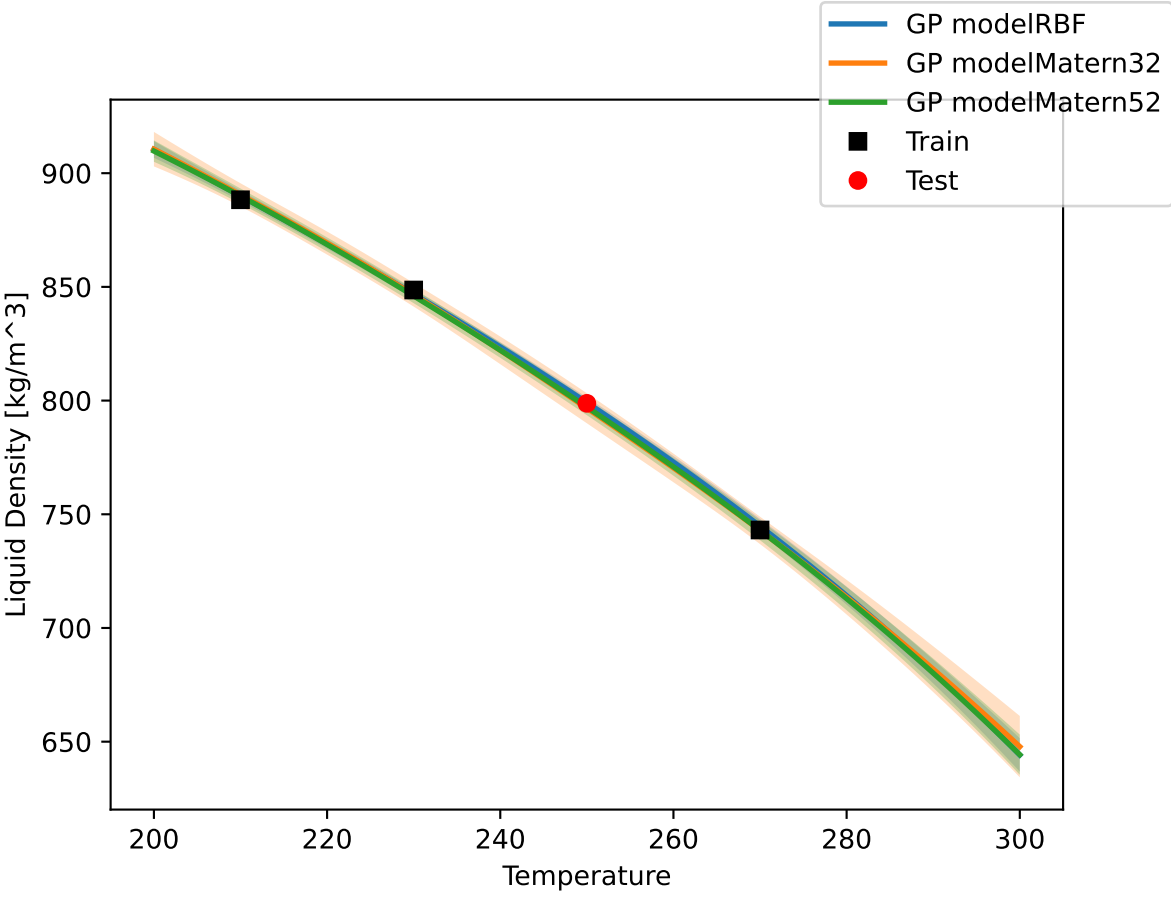

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

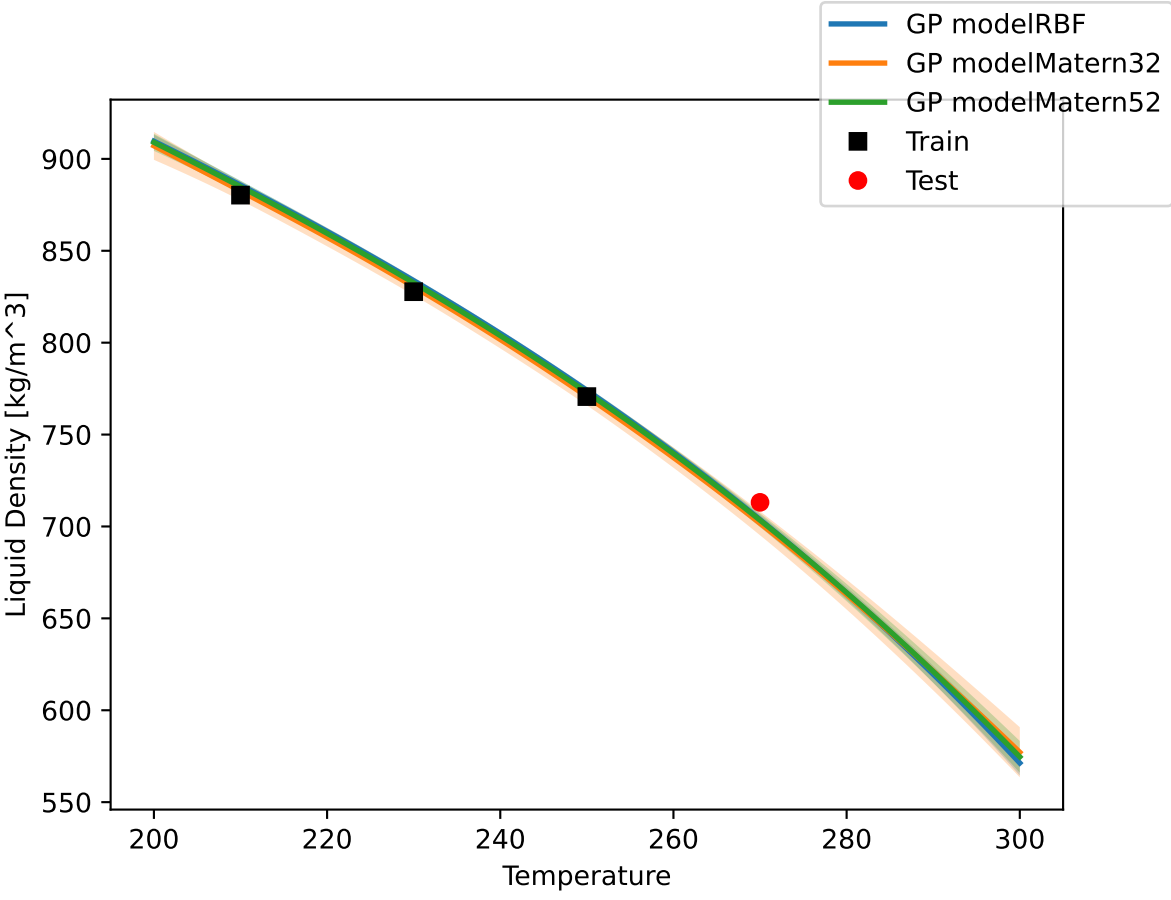

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

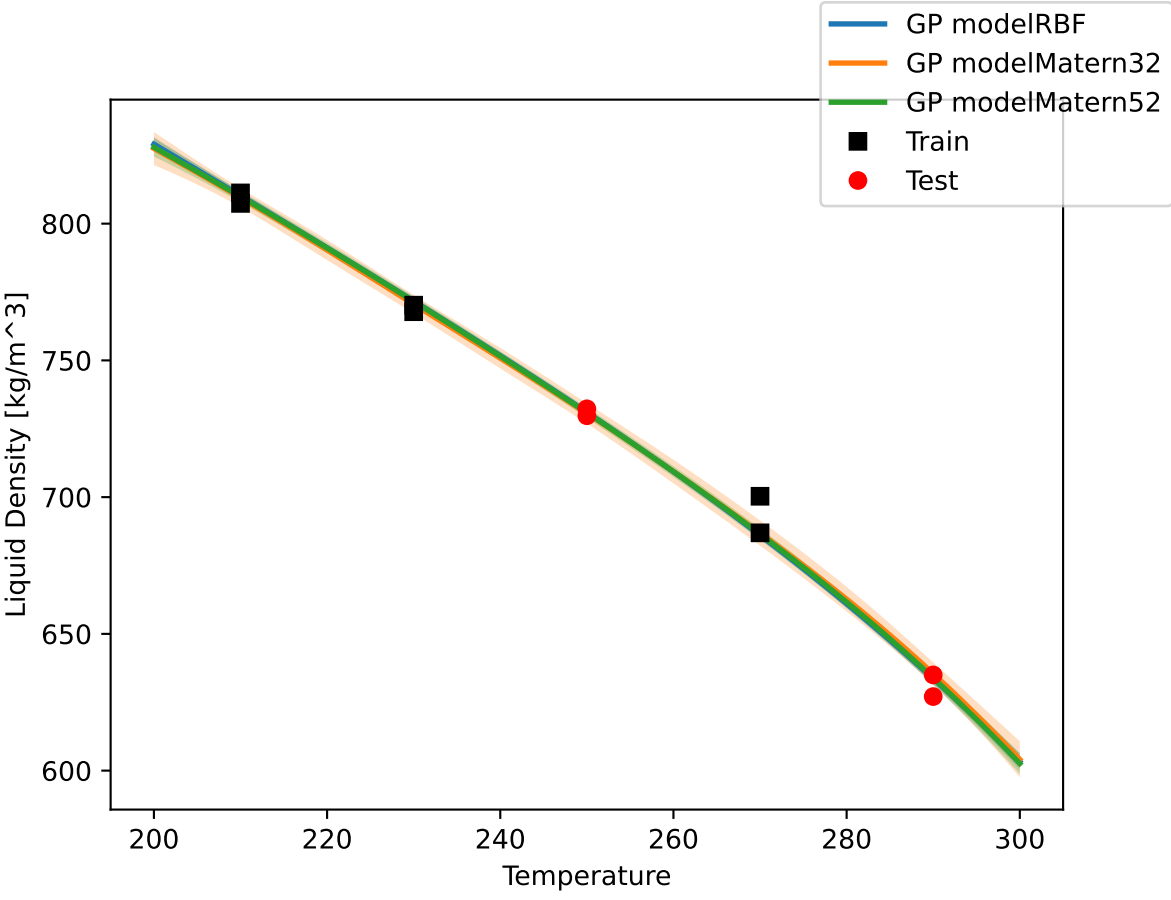

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

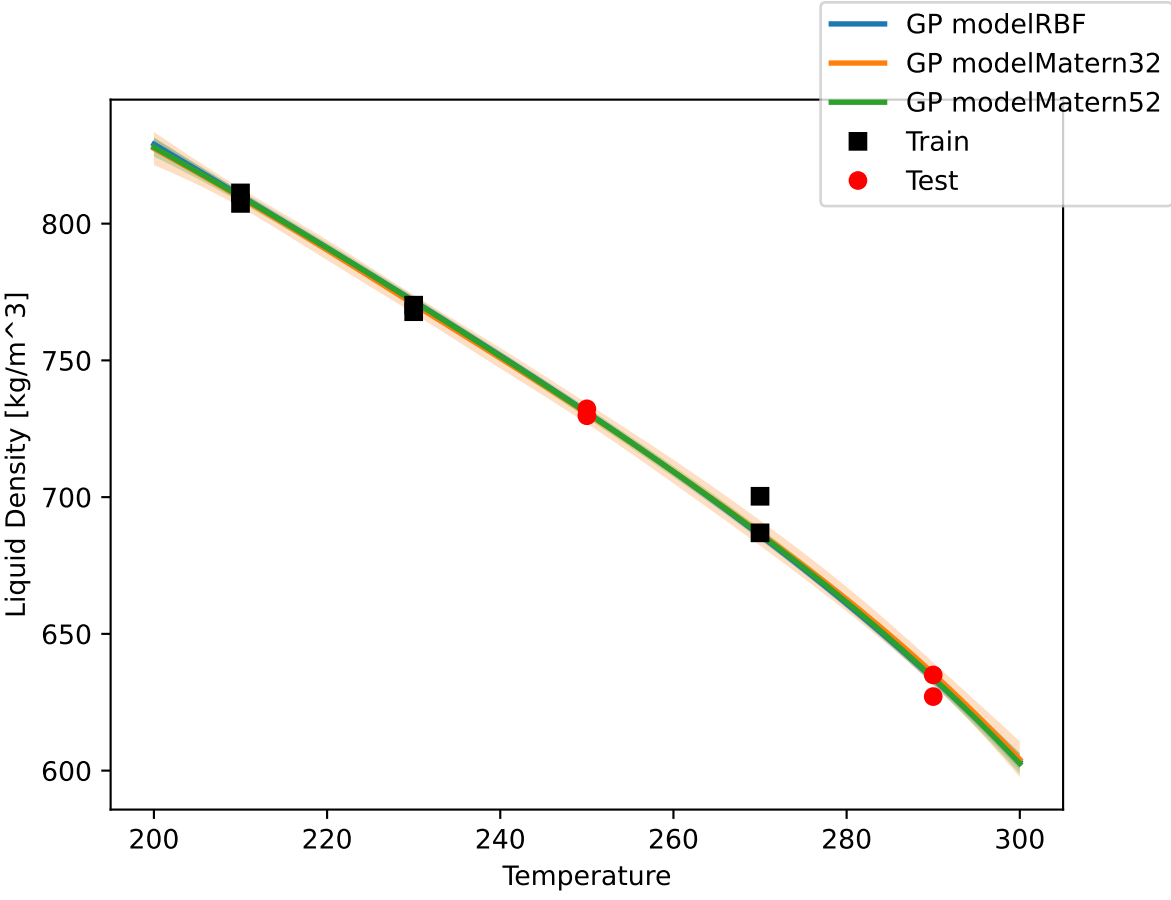

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

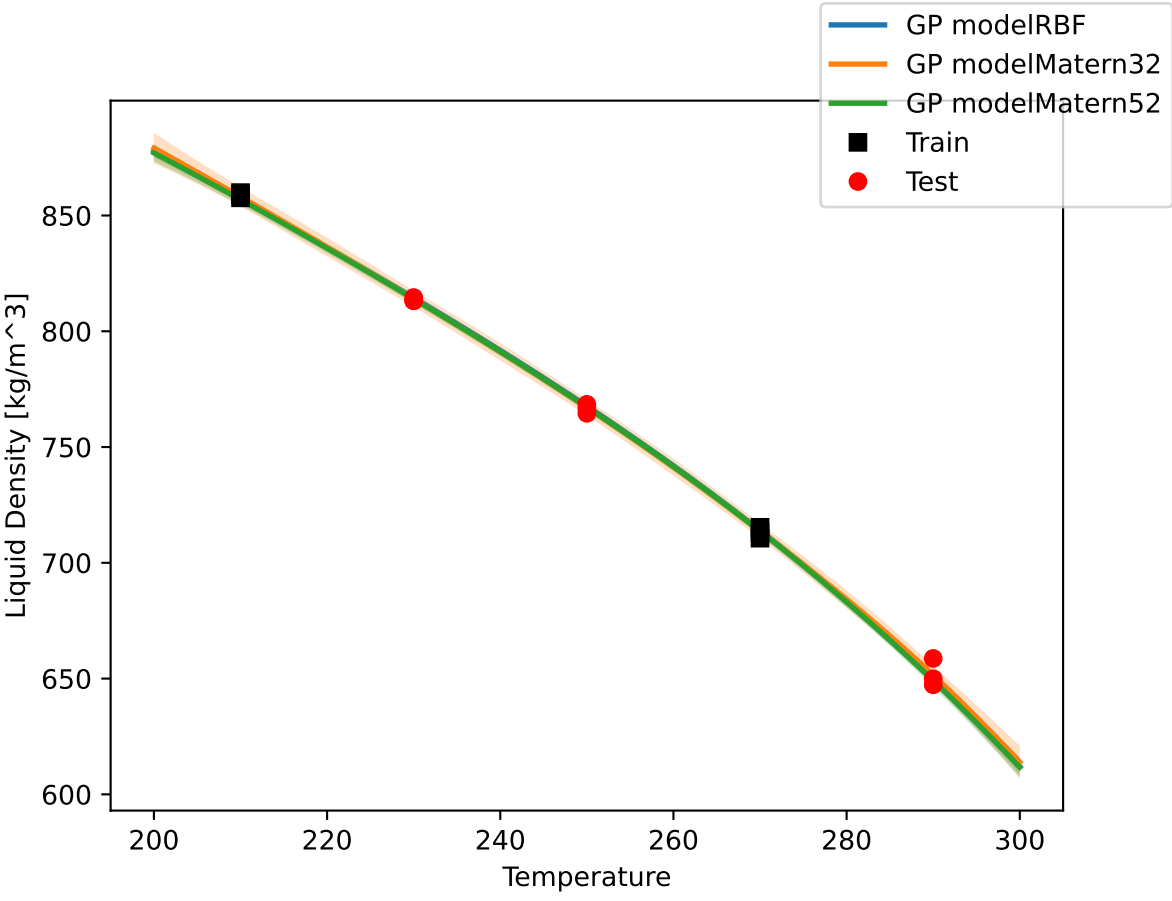

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

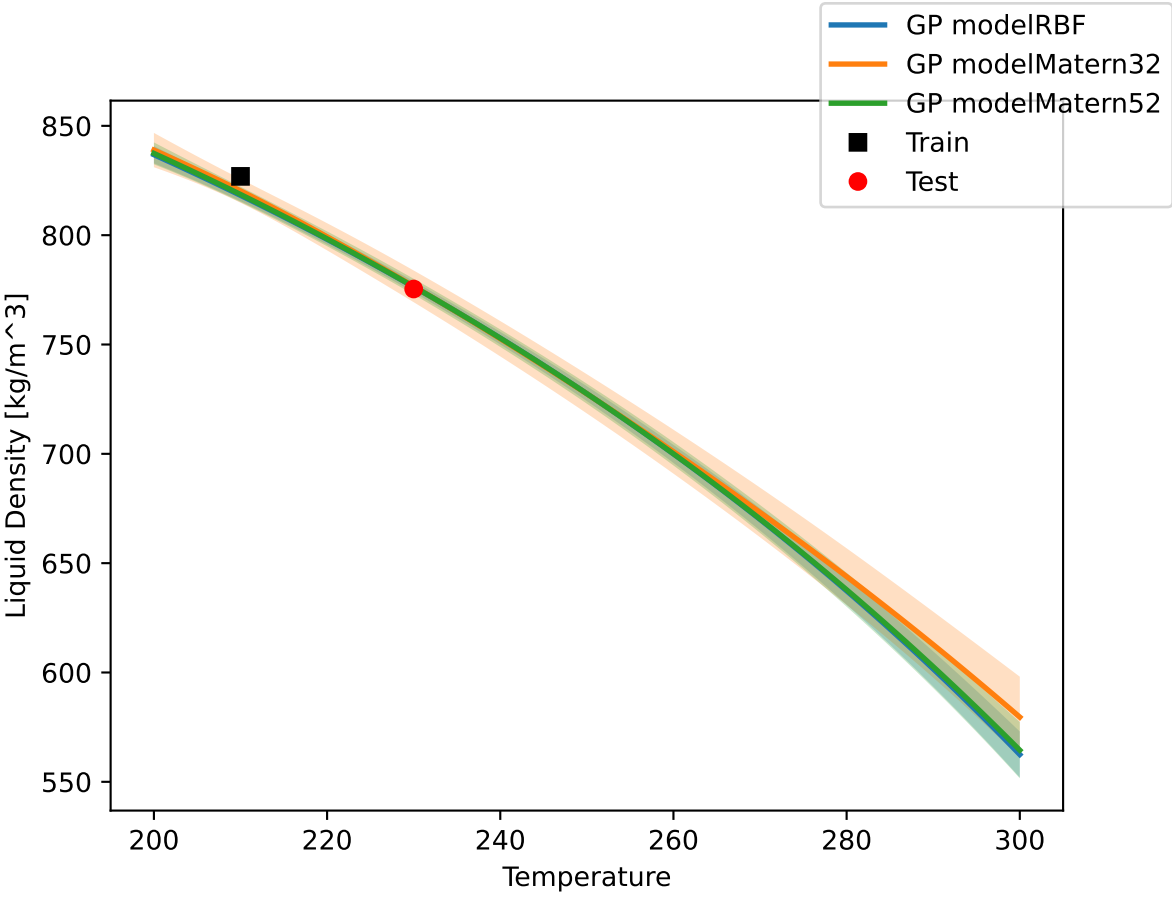

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
200
220
240
260
280
300
Temperature

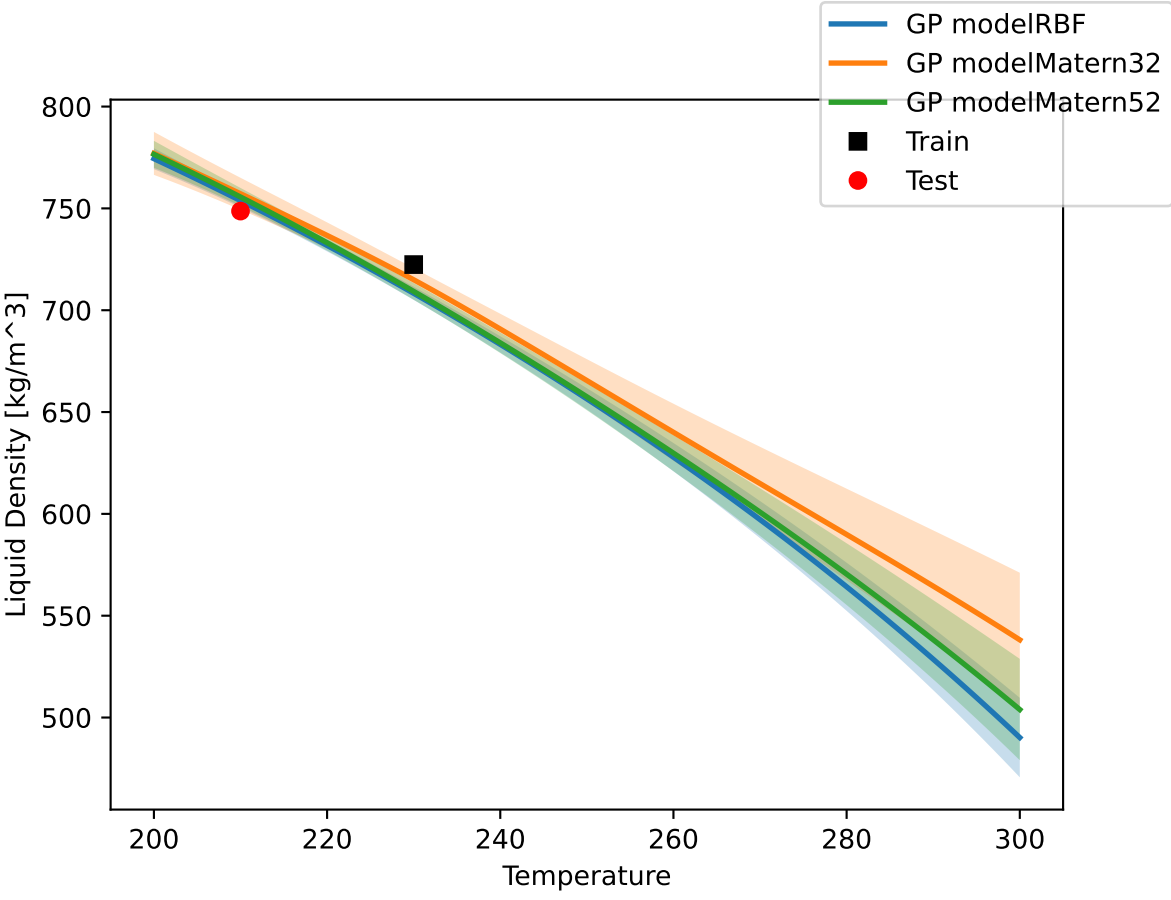

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

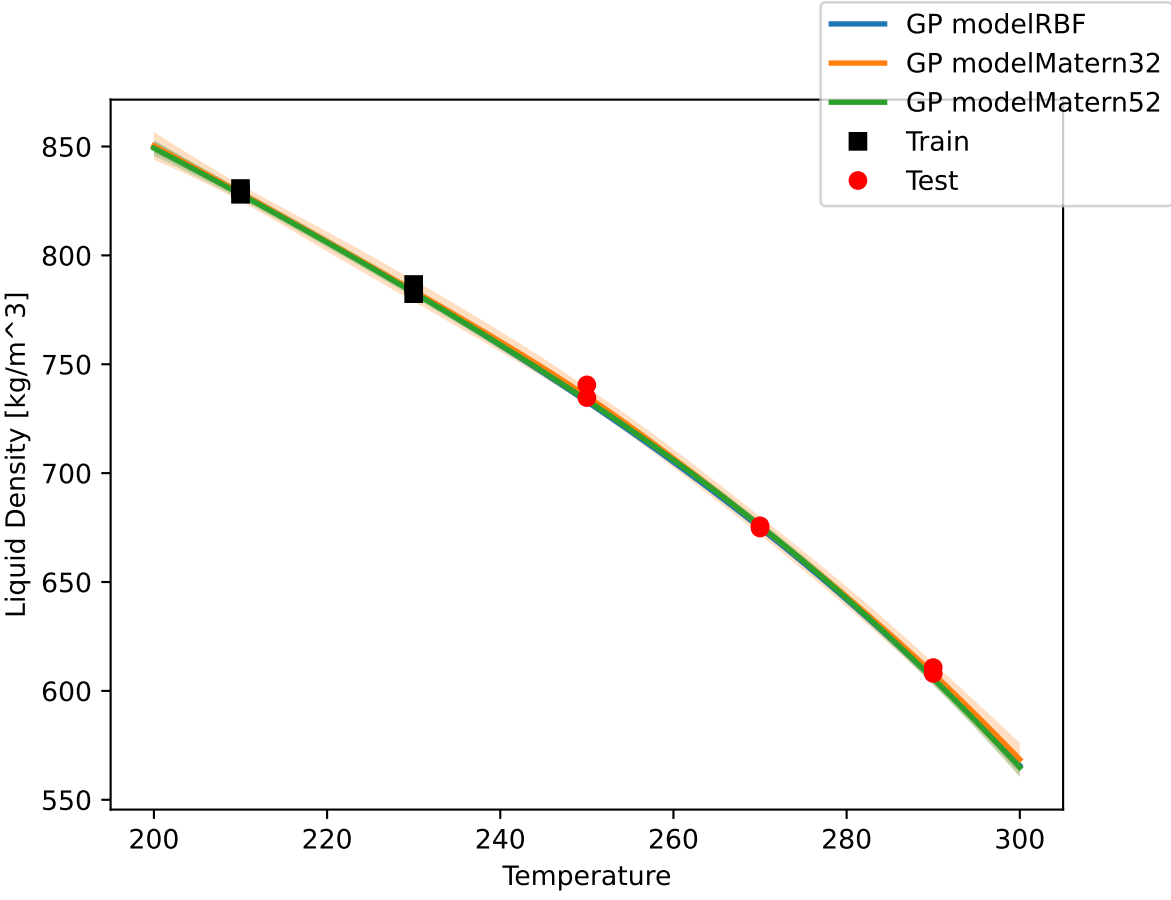

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

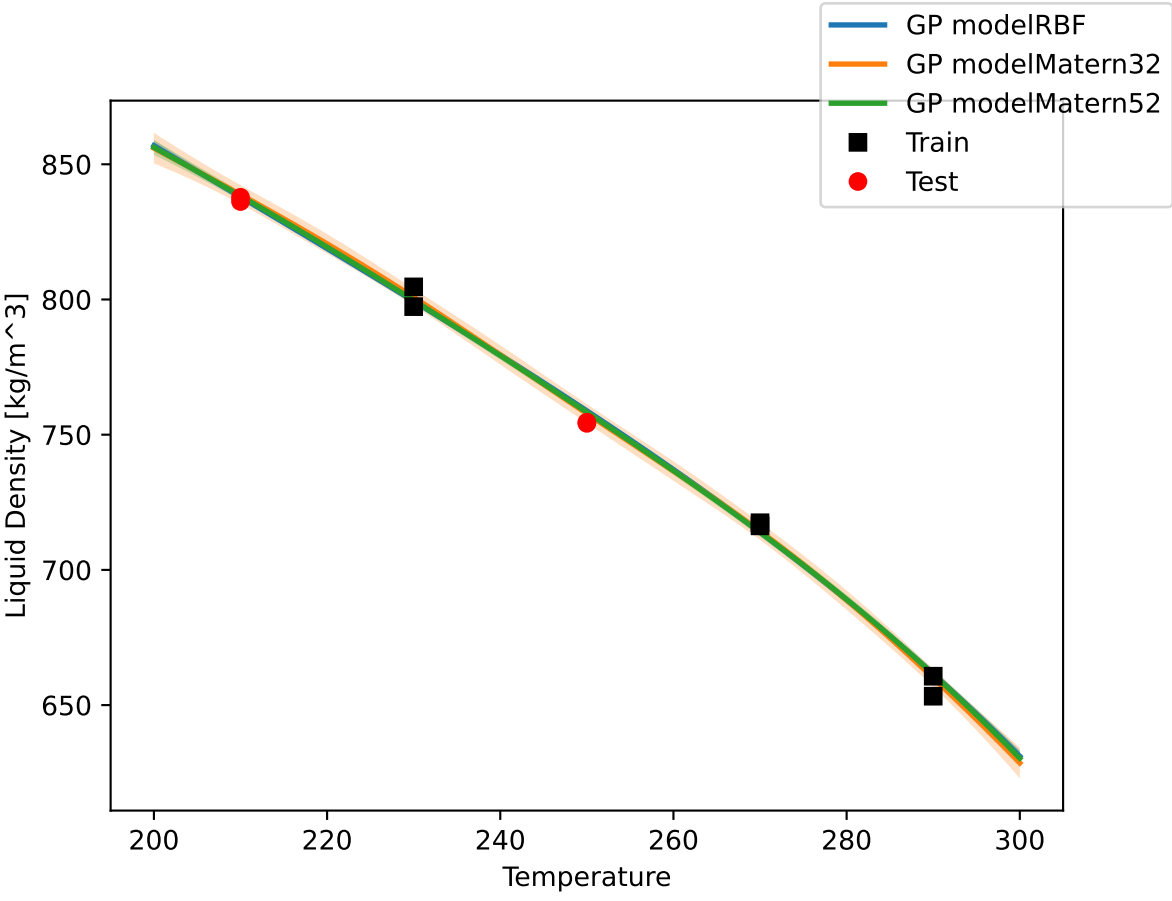

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

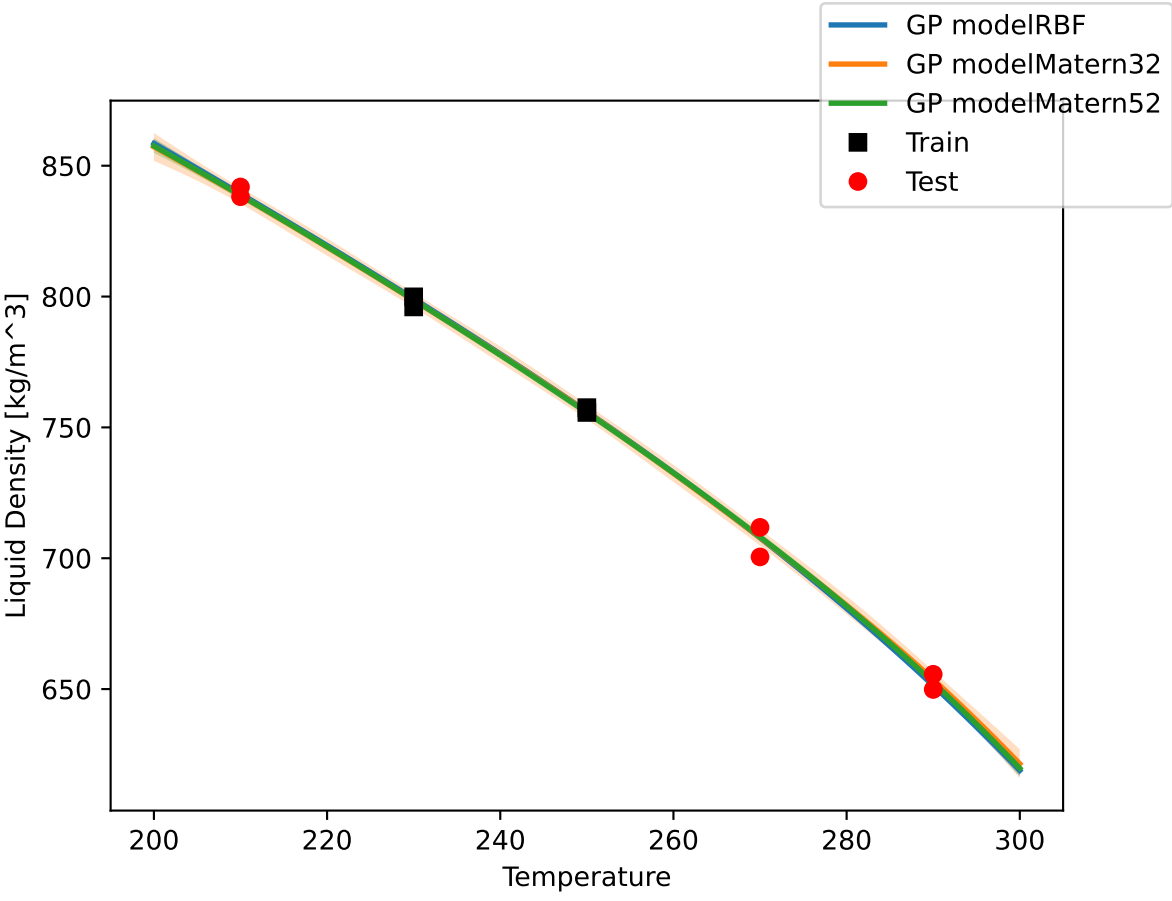

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

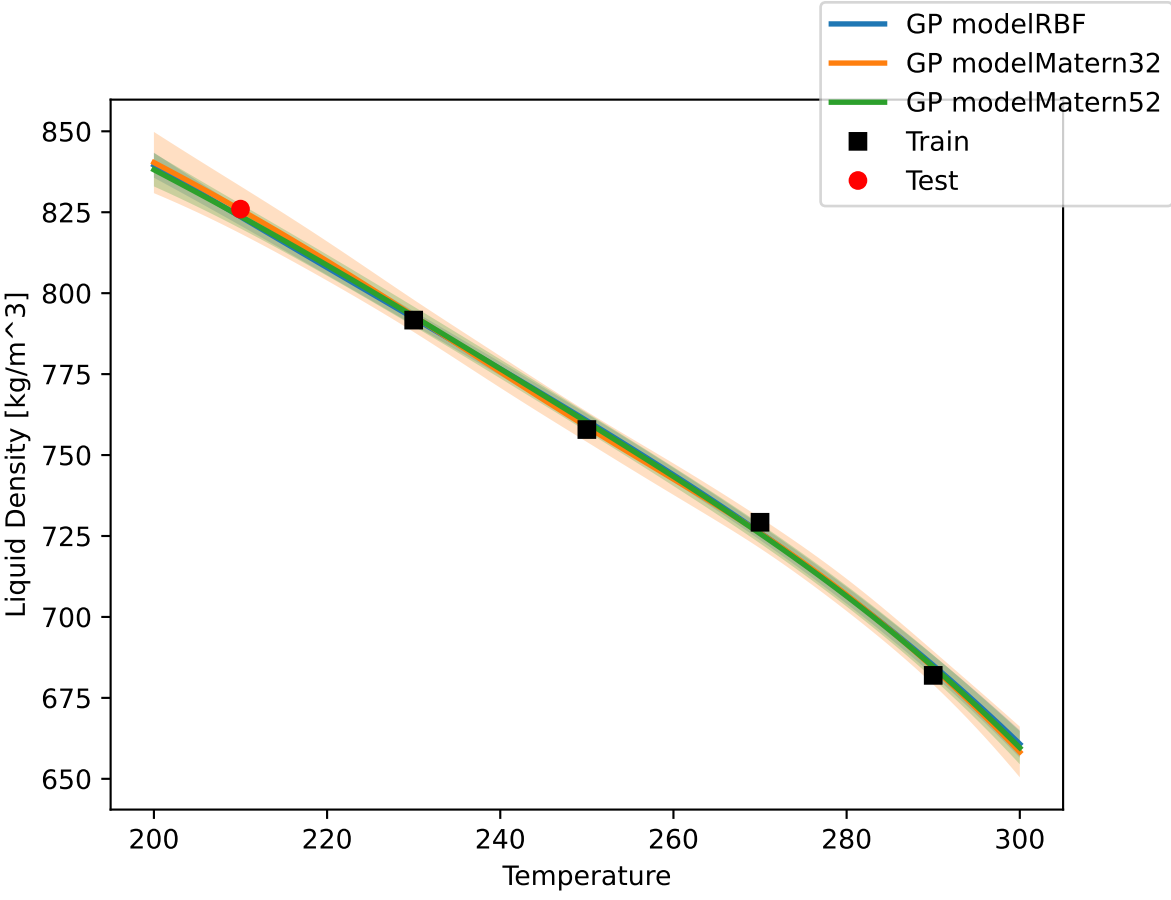

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

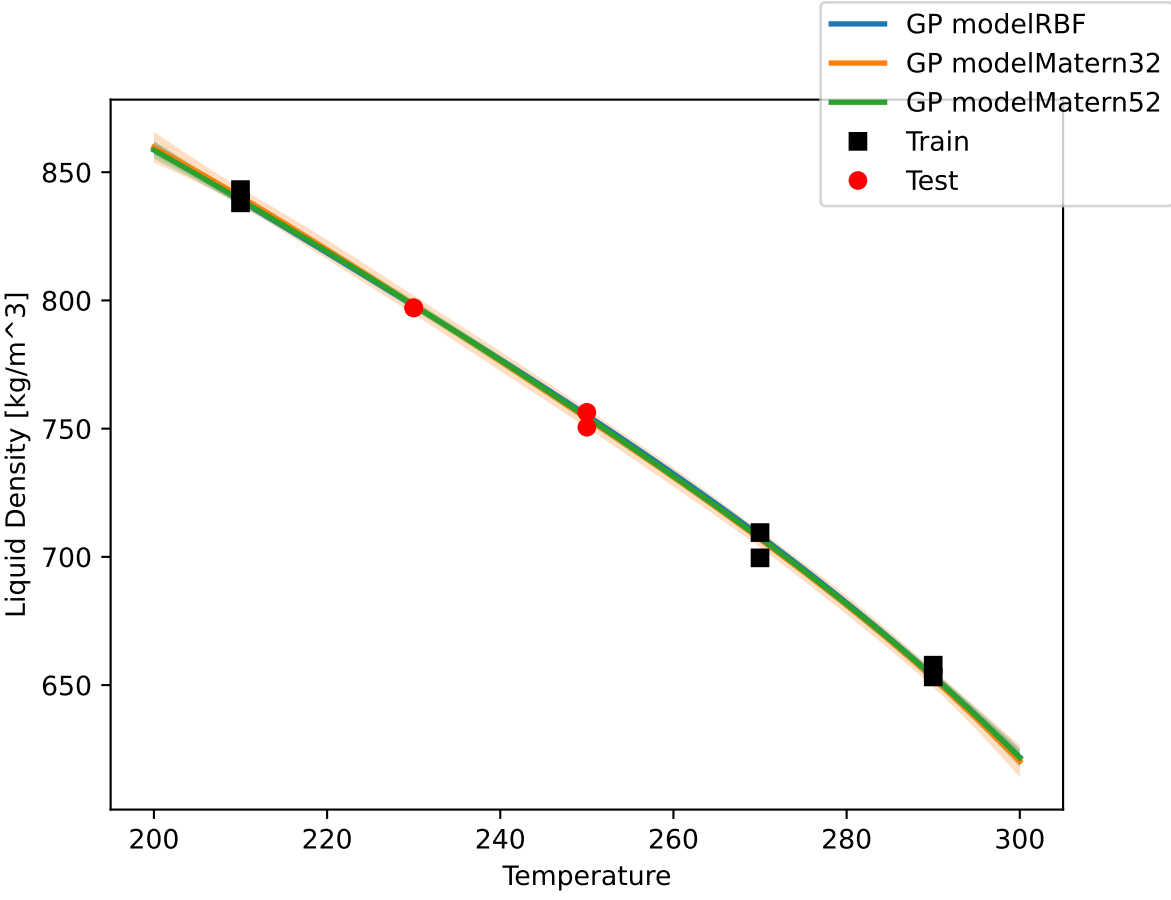

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
800
750
700
650
600
550
500
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

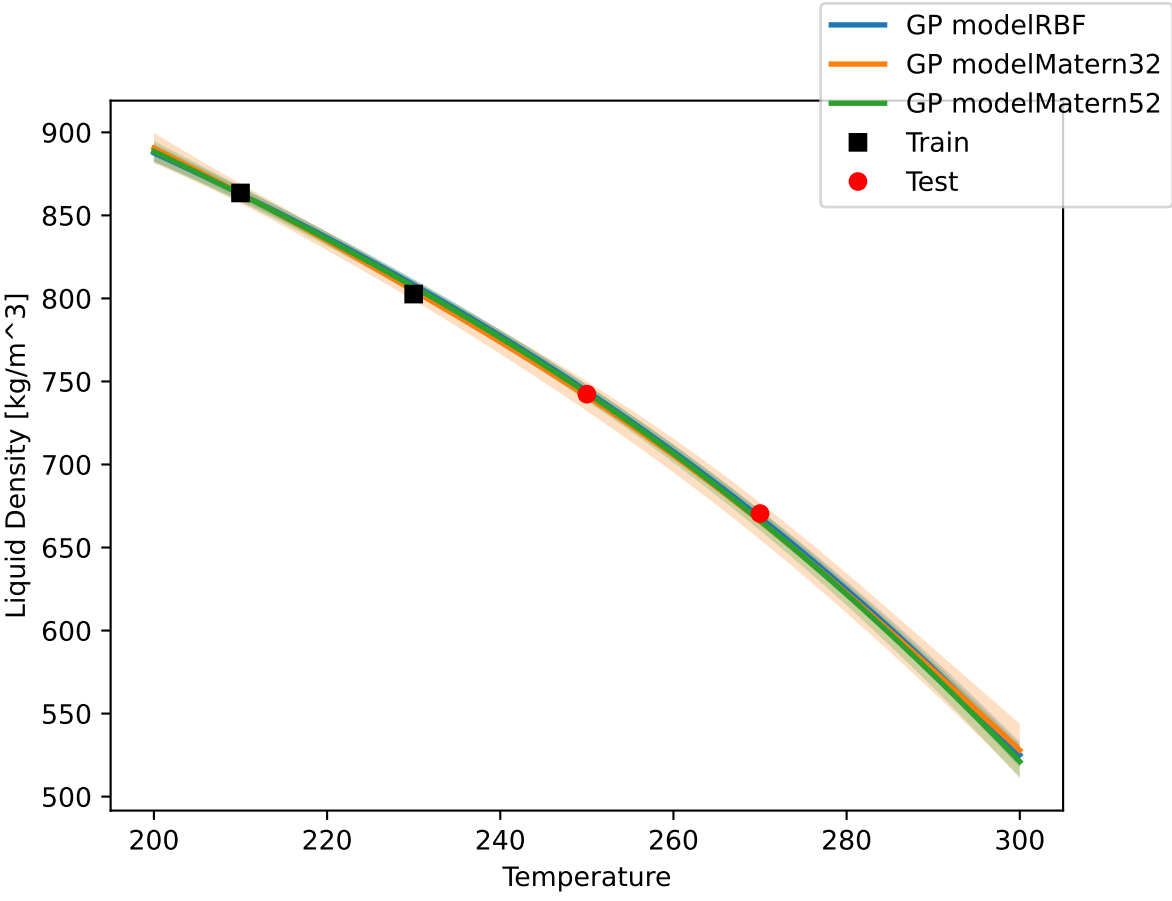

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

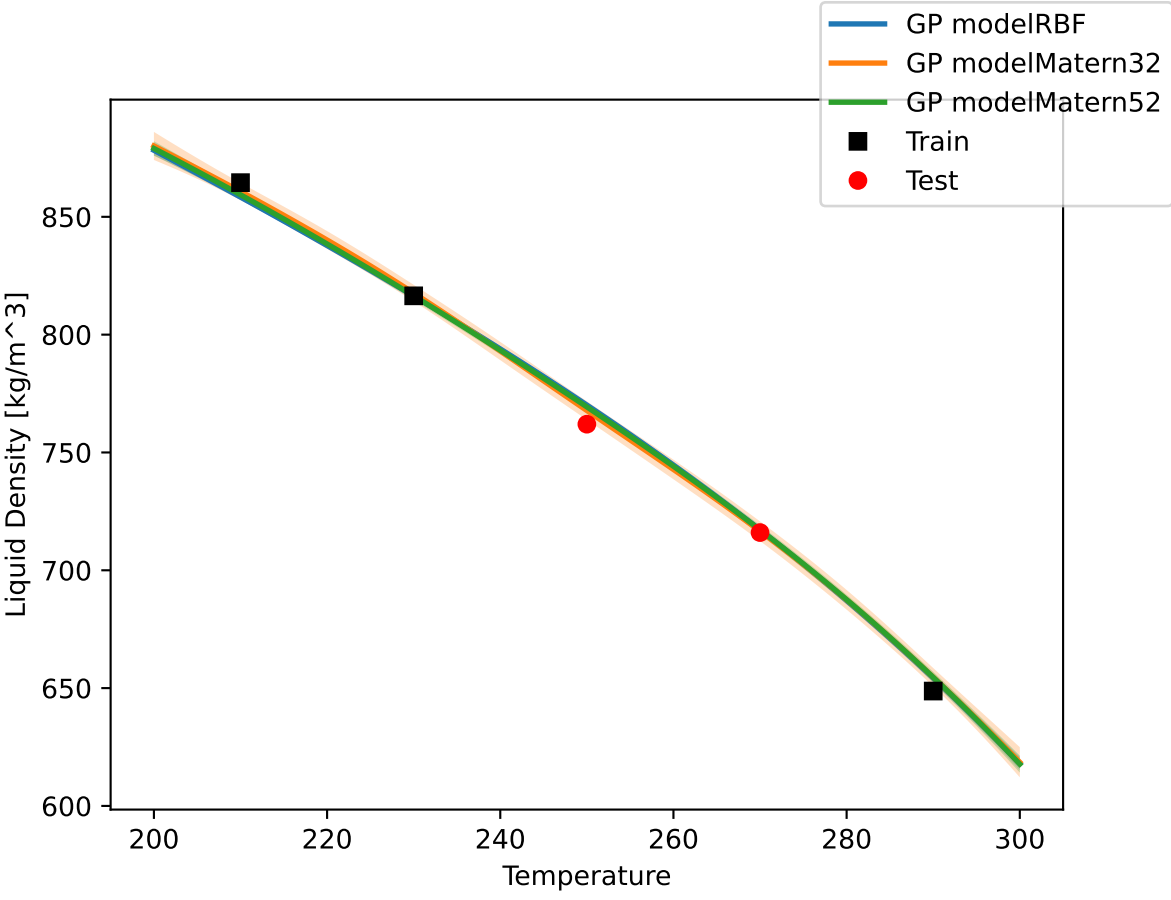

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

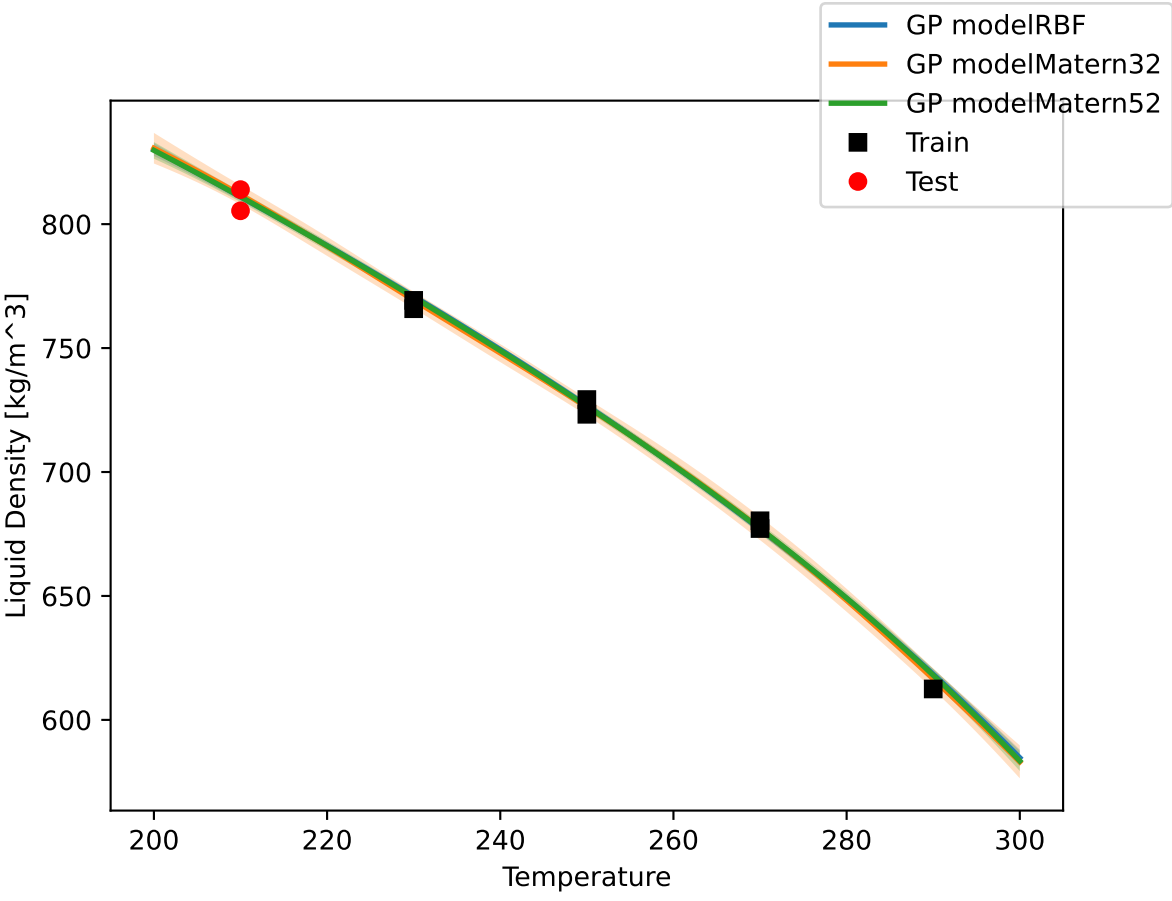

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

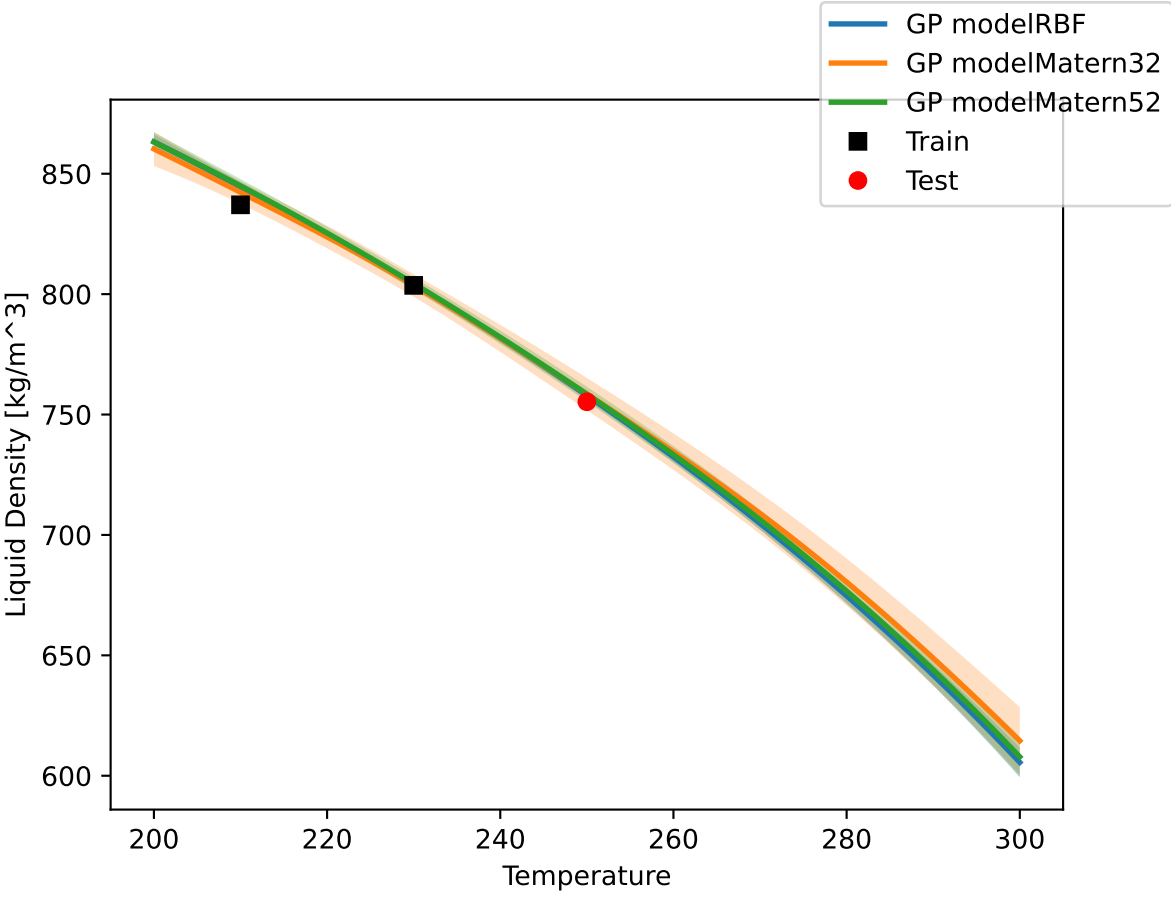

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
825
800
775
750
725
700
675
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

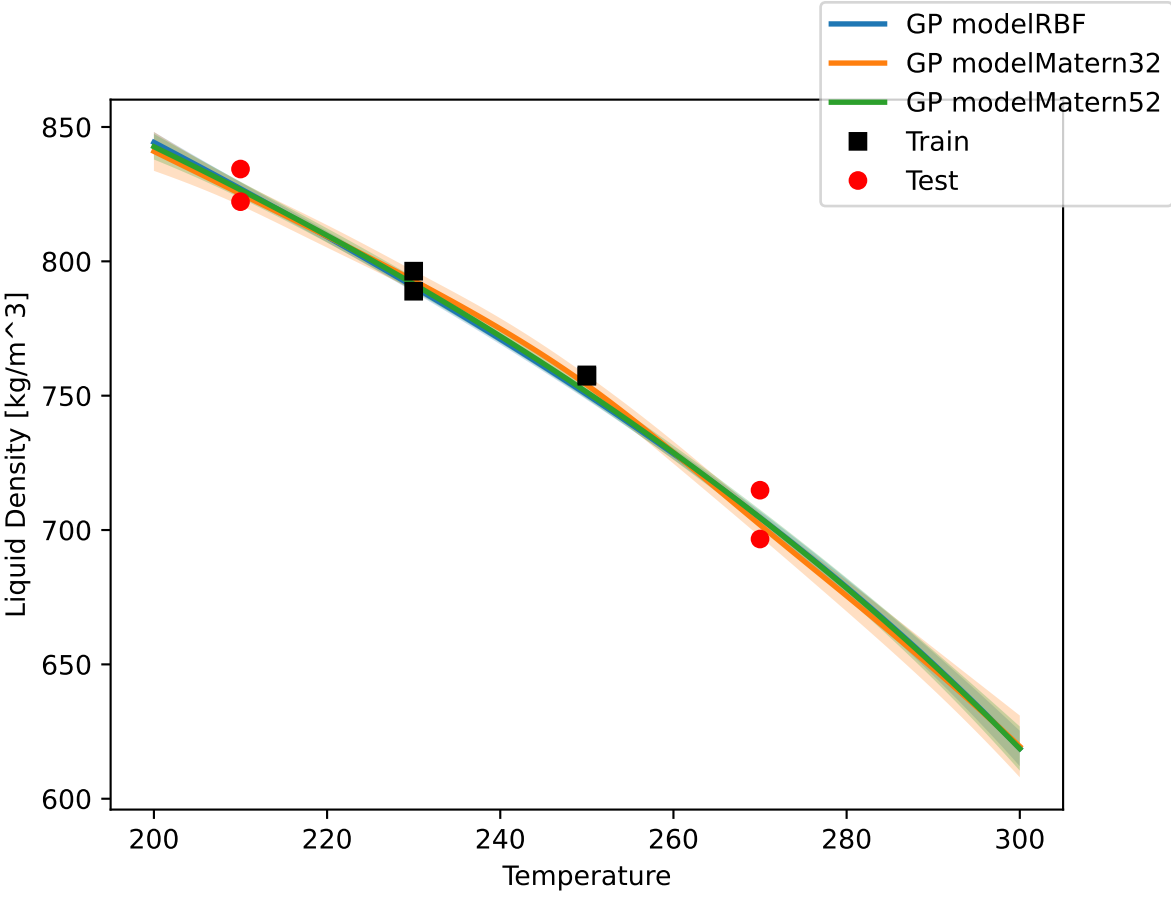

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

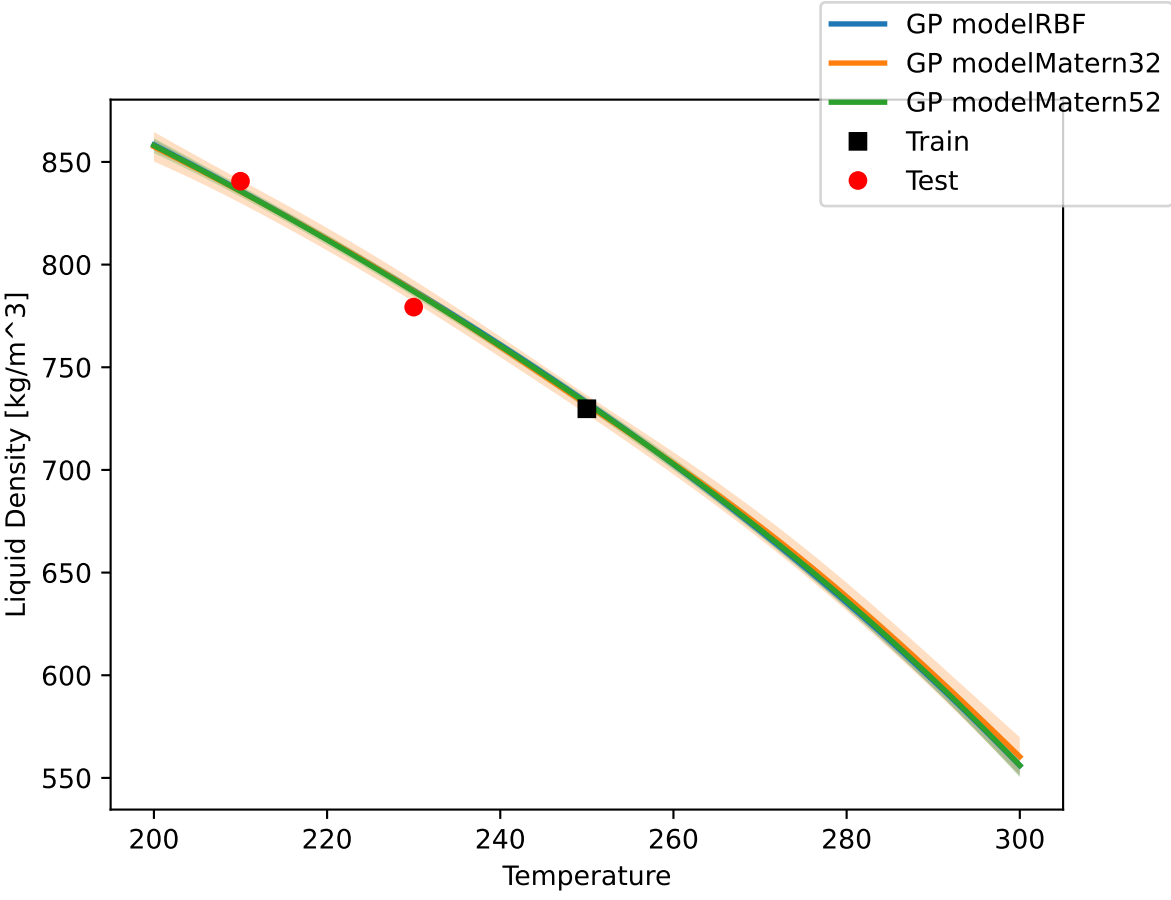

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
500
200
220
240
260
280
300
Temperature

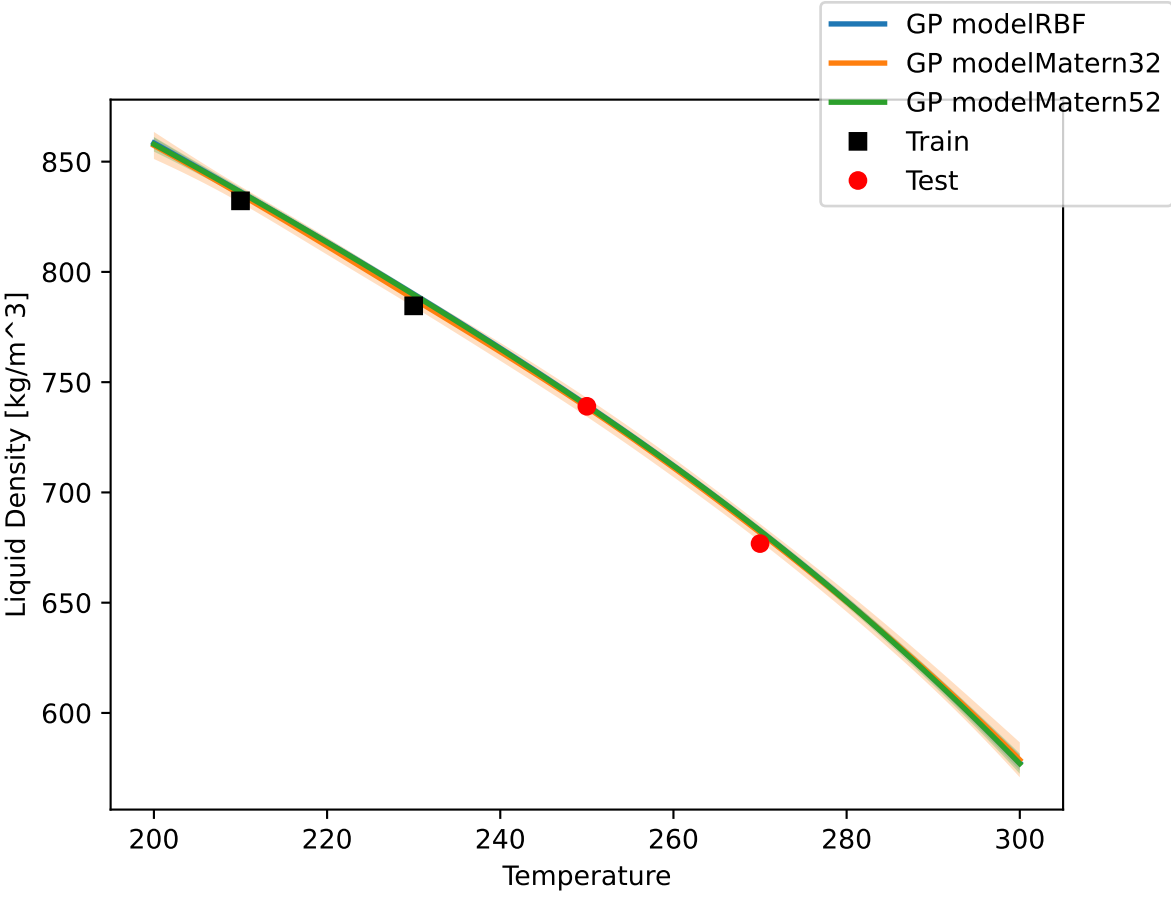

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

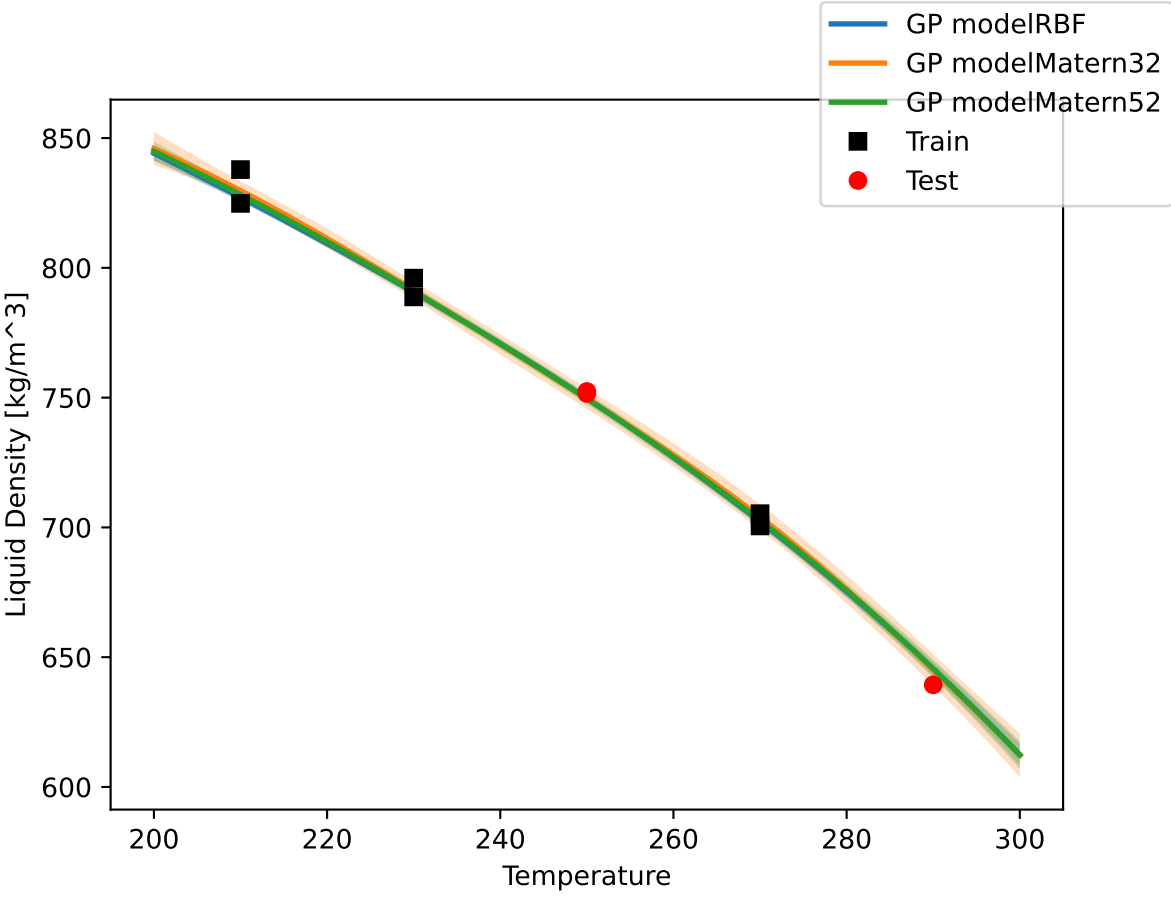

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

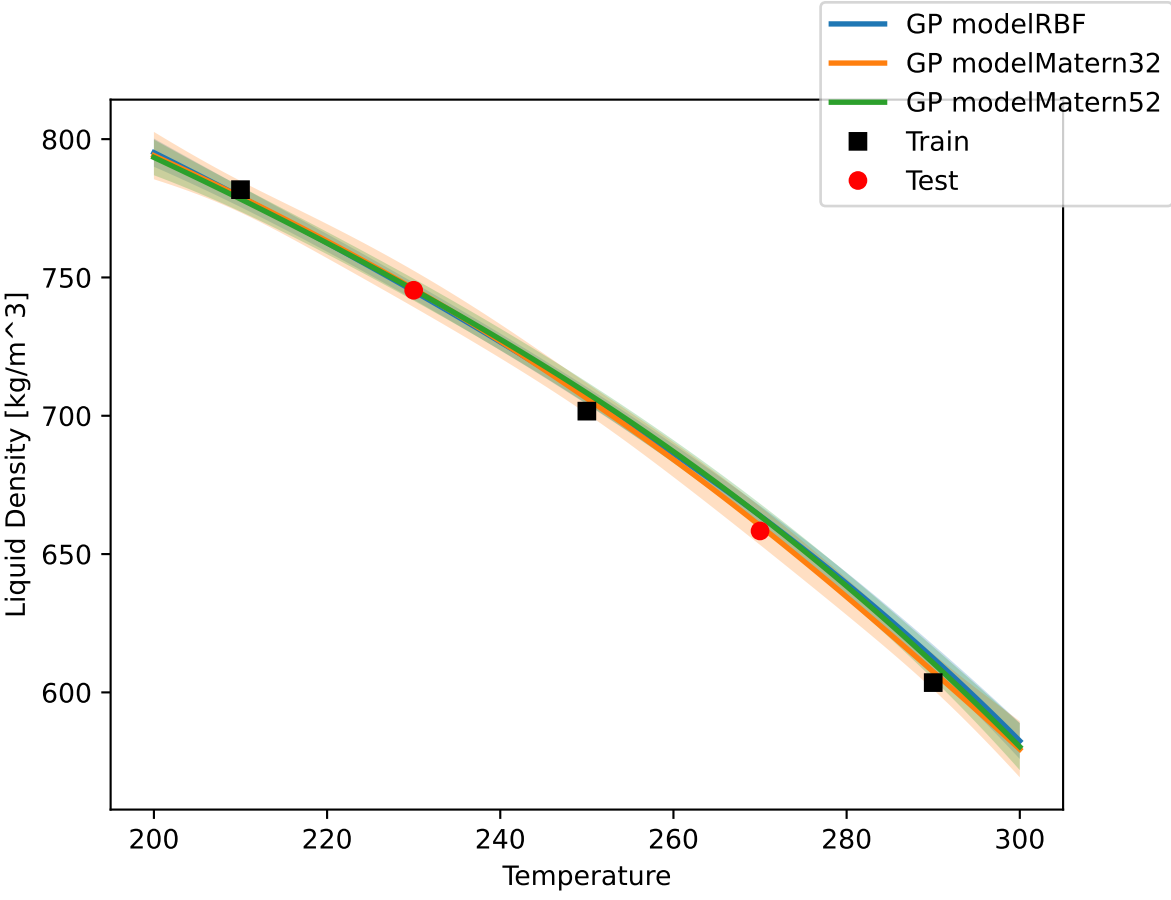

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

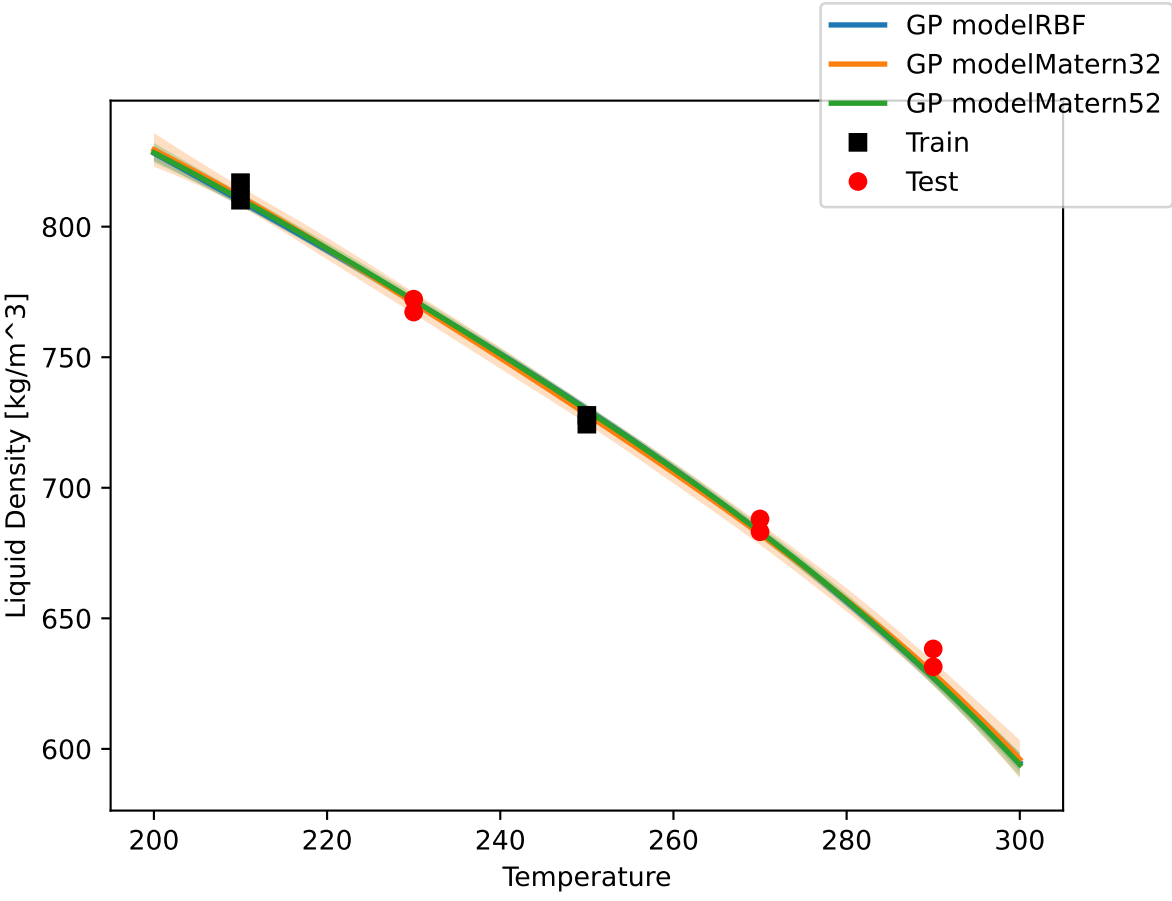

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

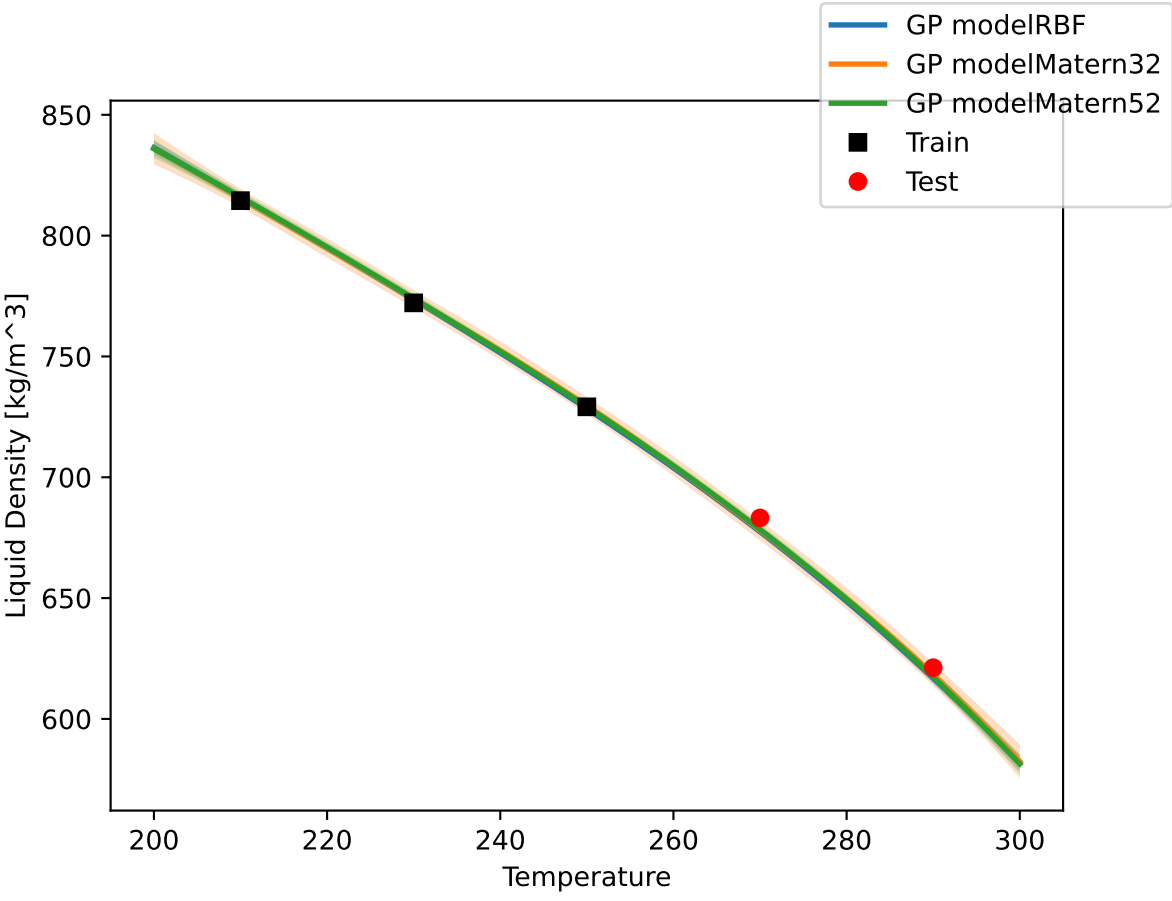

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

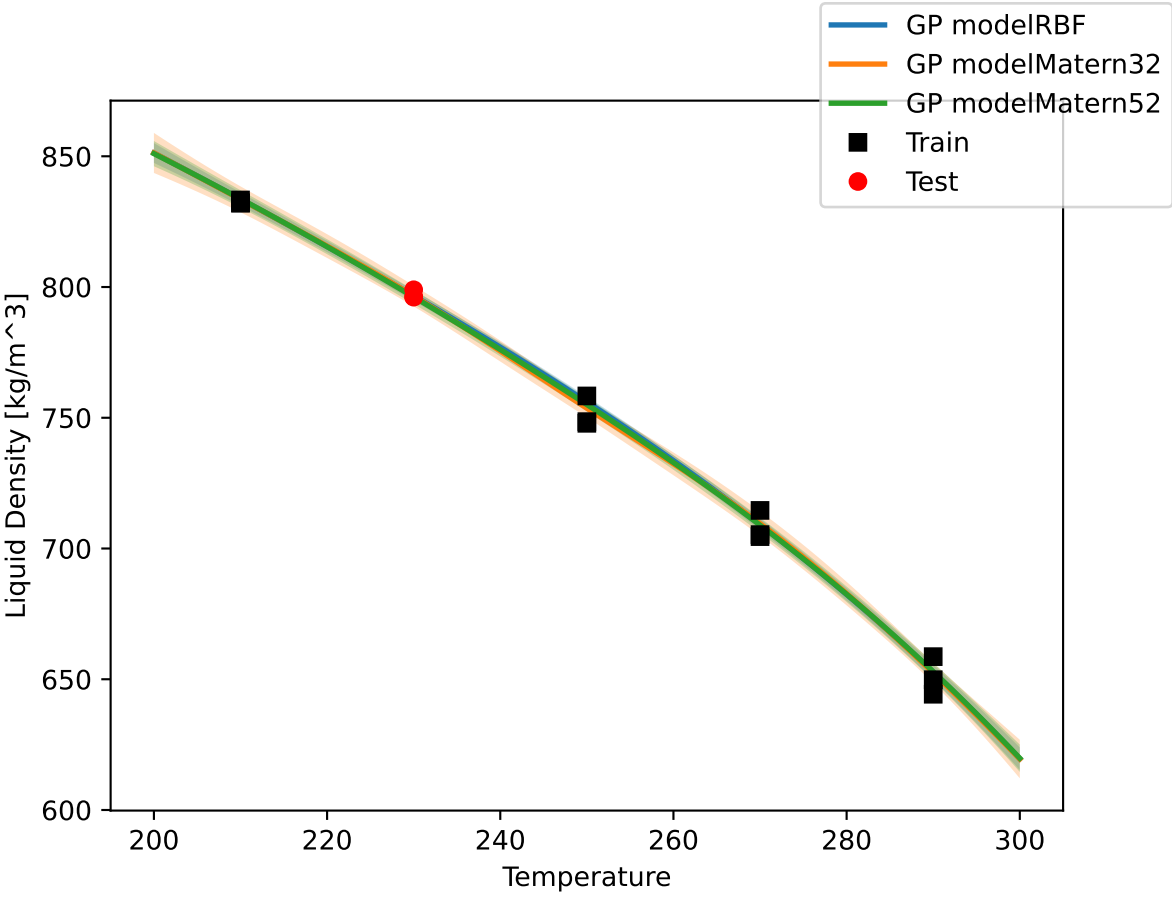

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

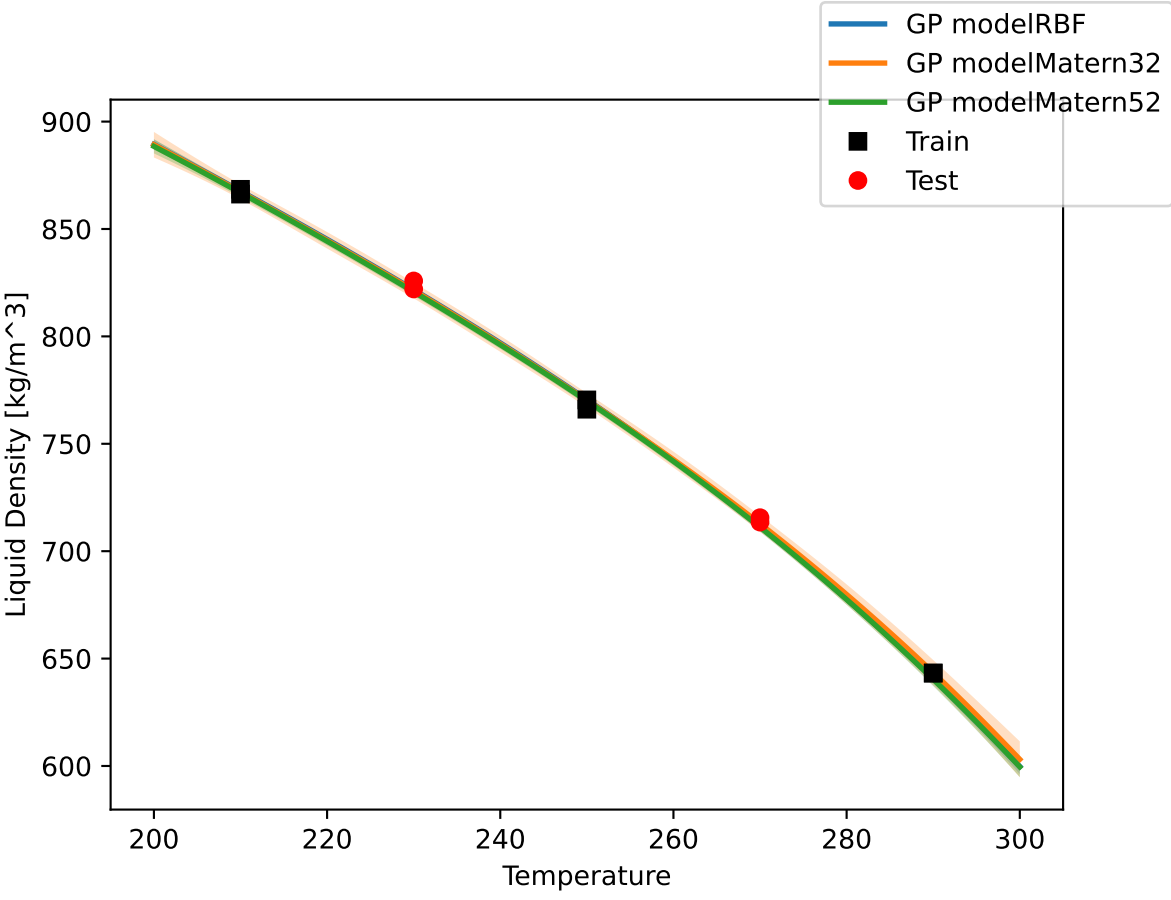

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

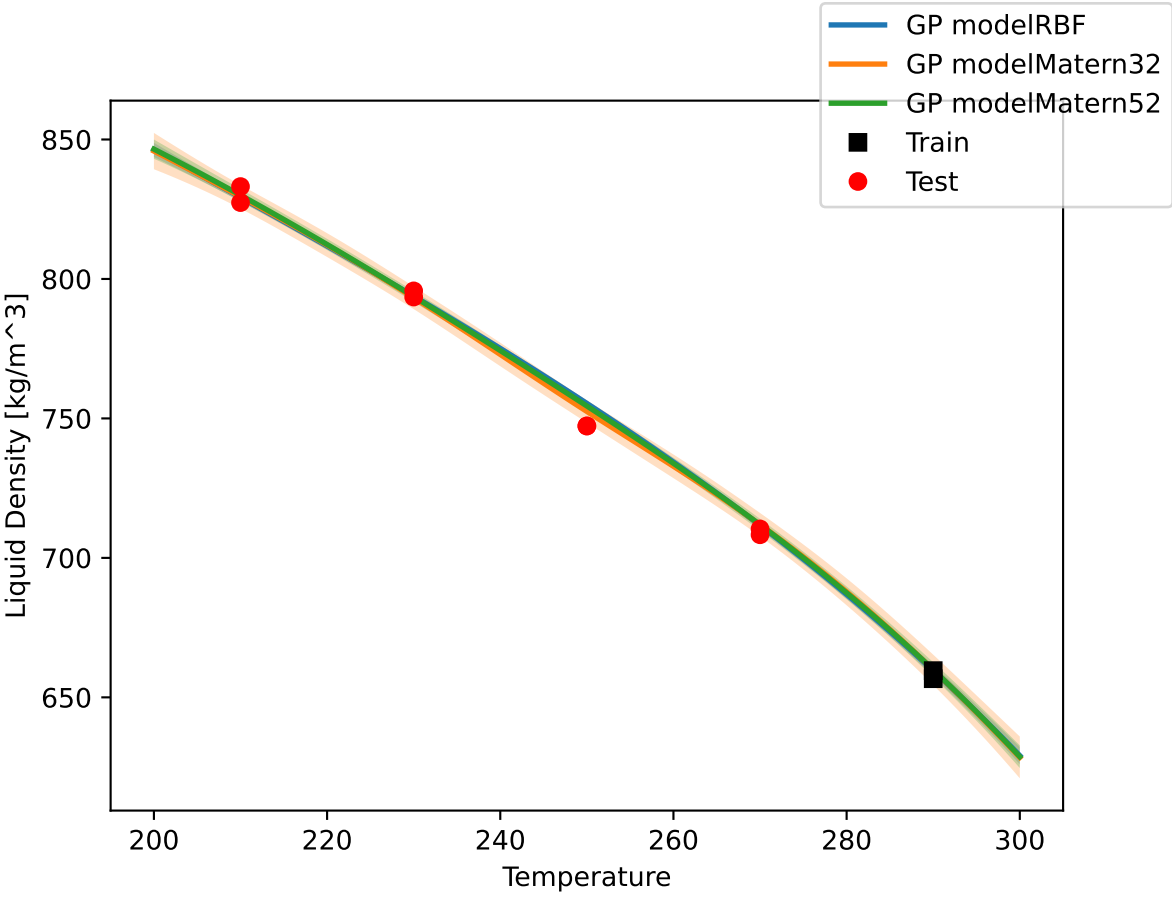

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

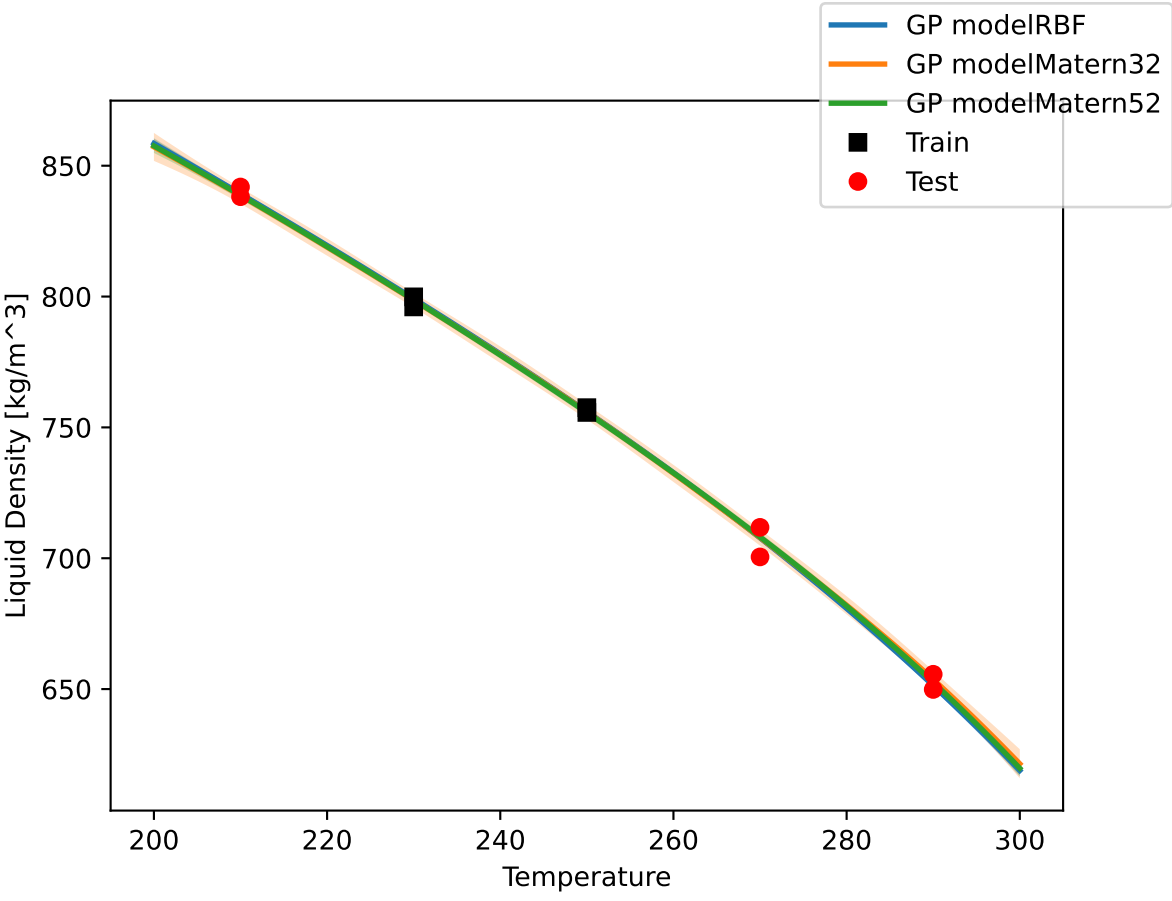

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

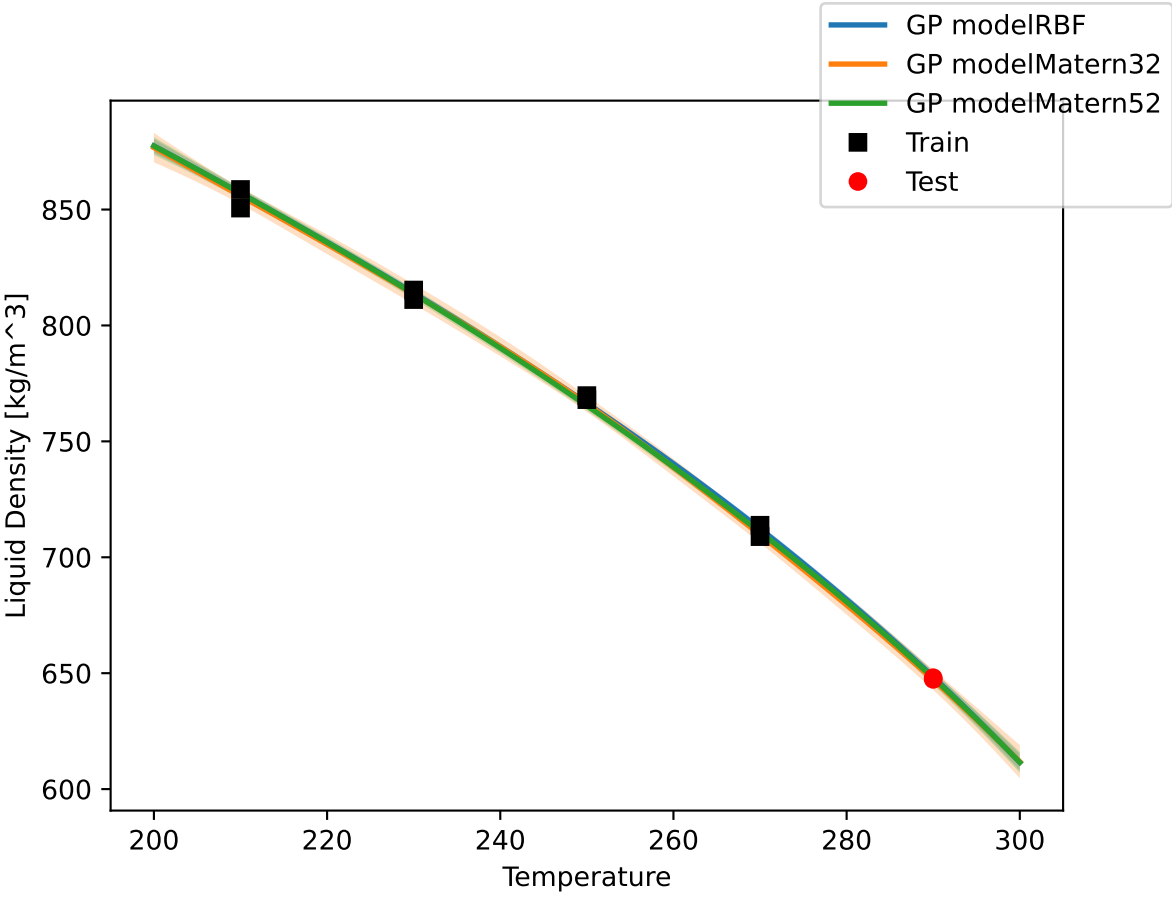

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

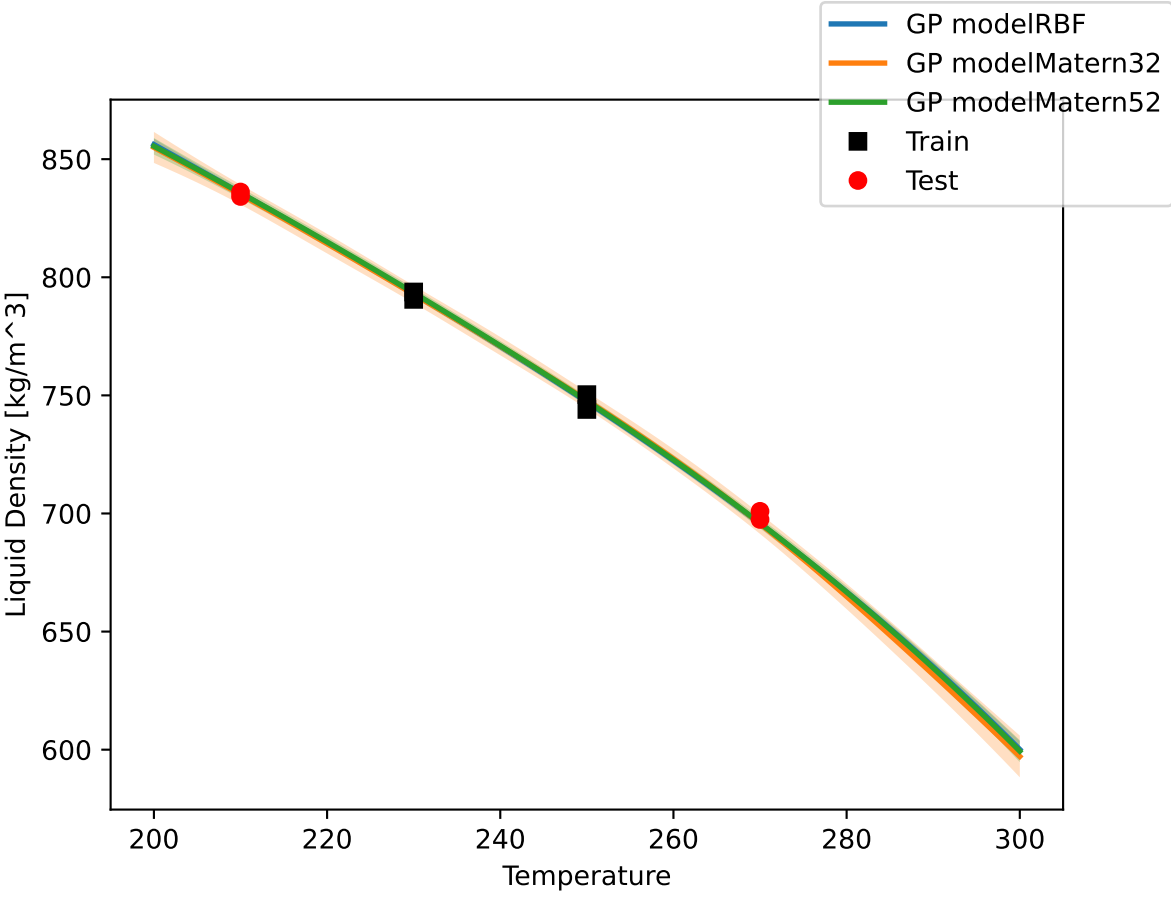

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

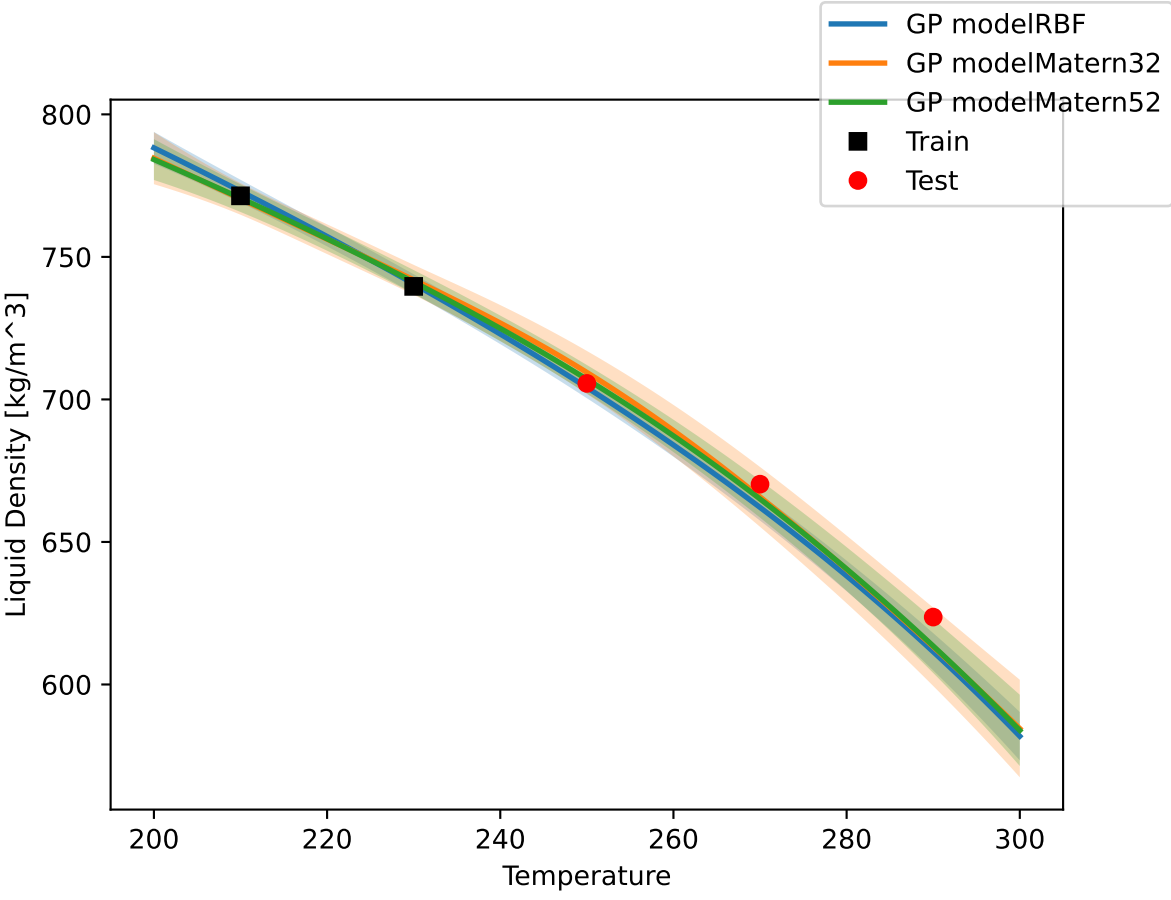

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

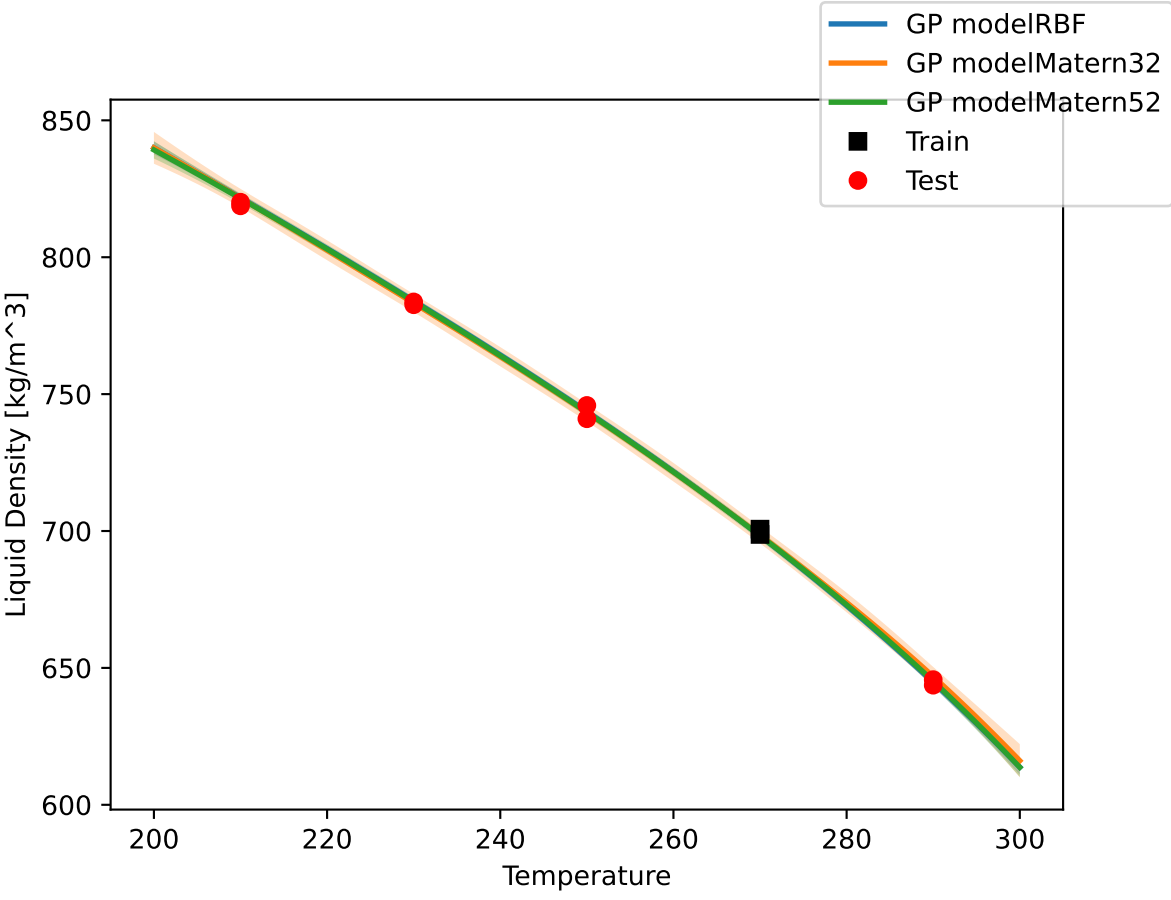

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

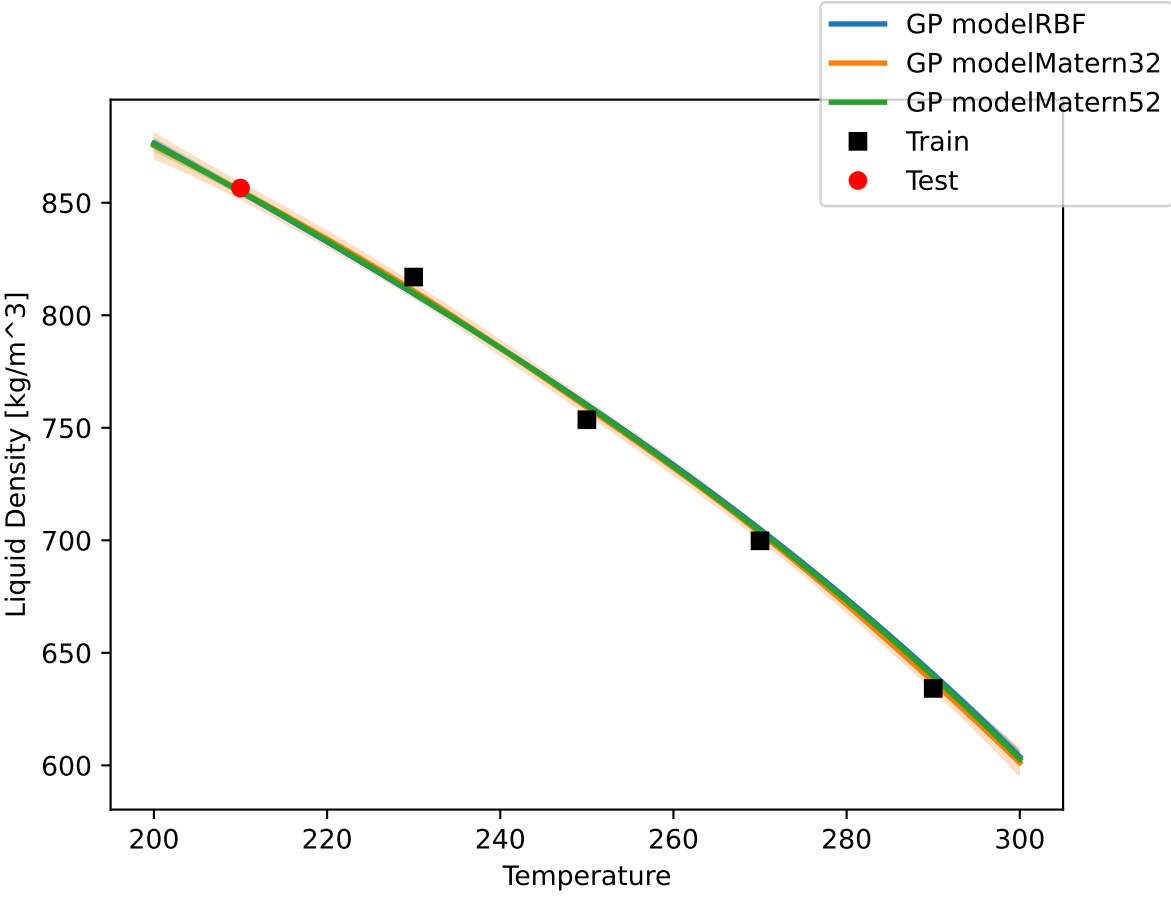

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

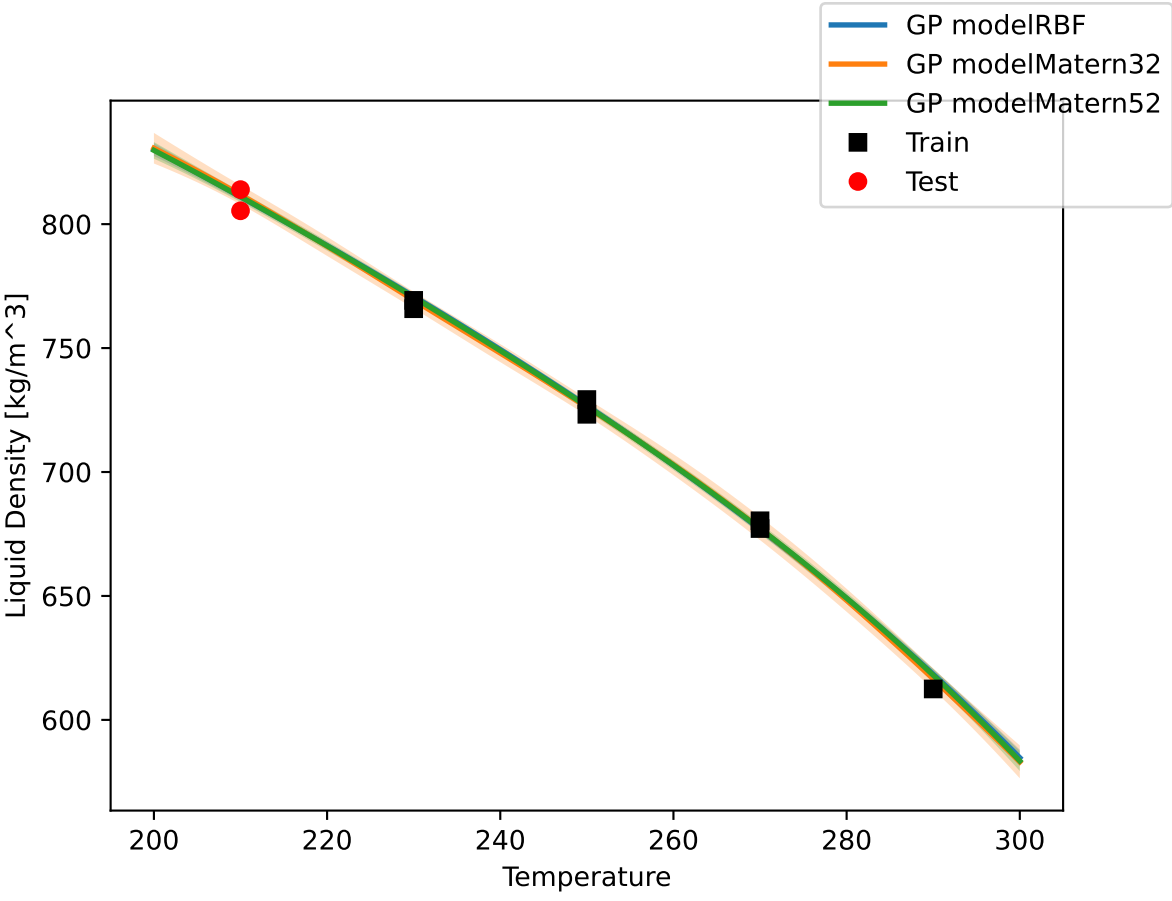

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

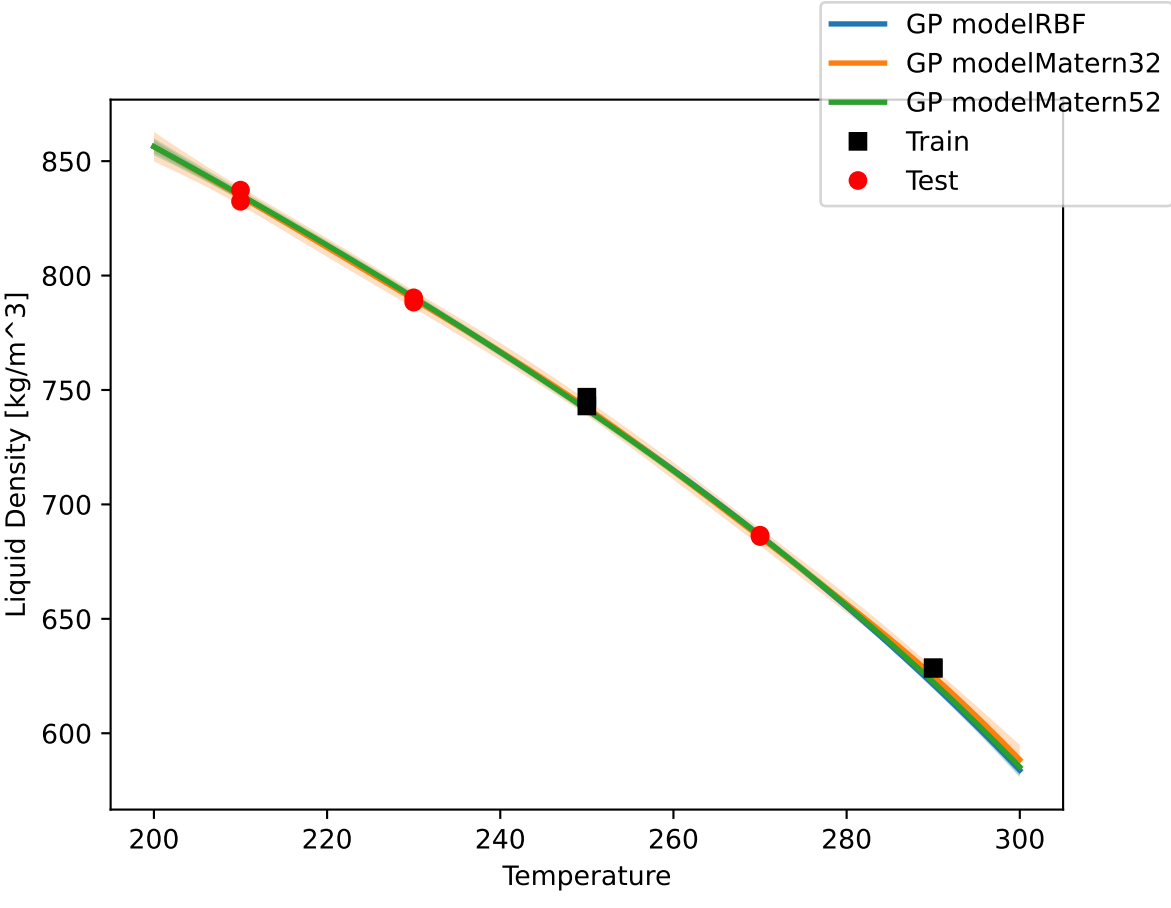

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

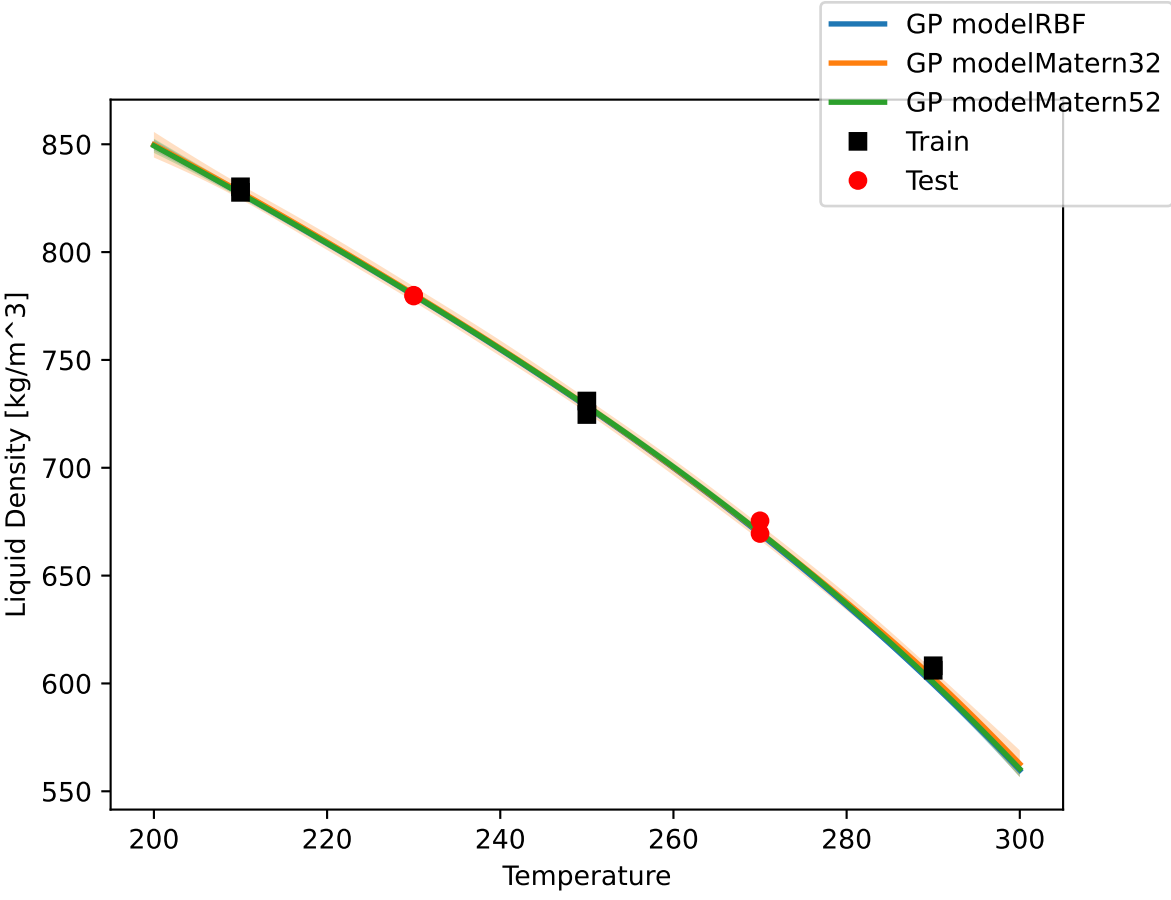

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

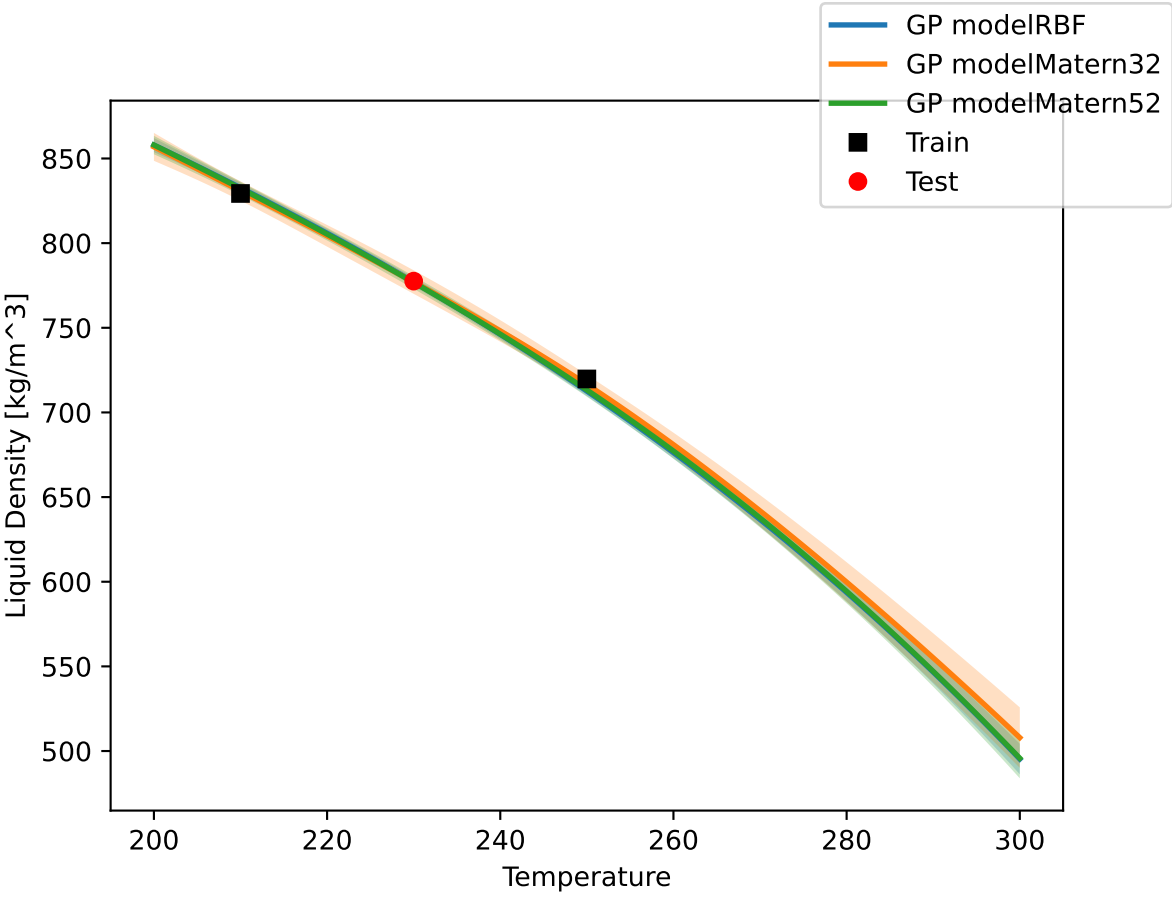

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

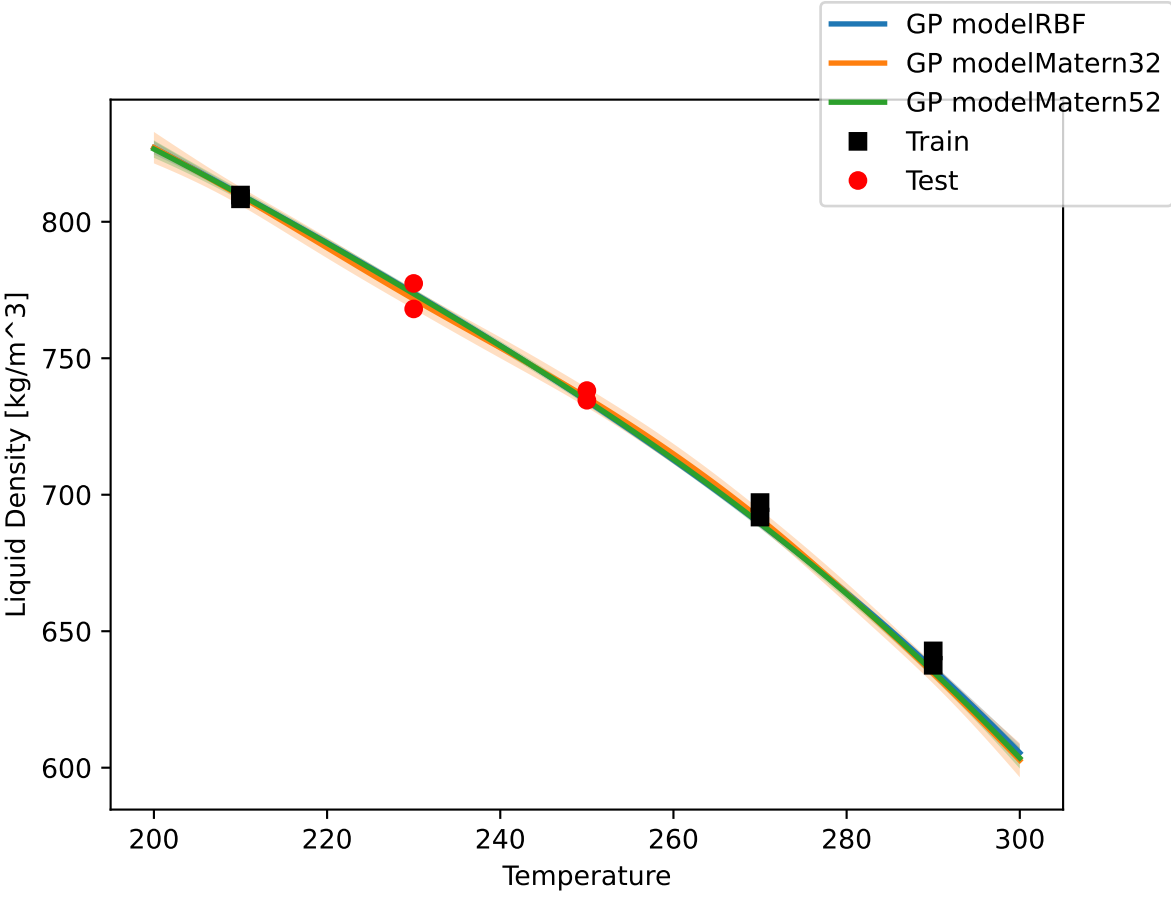

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

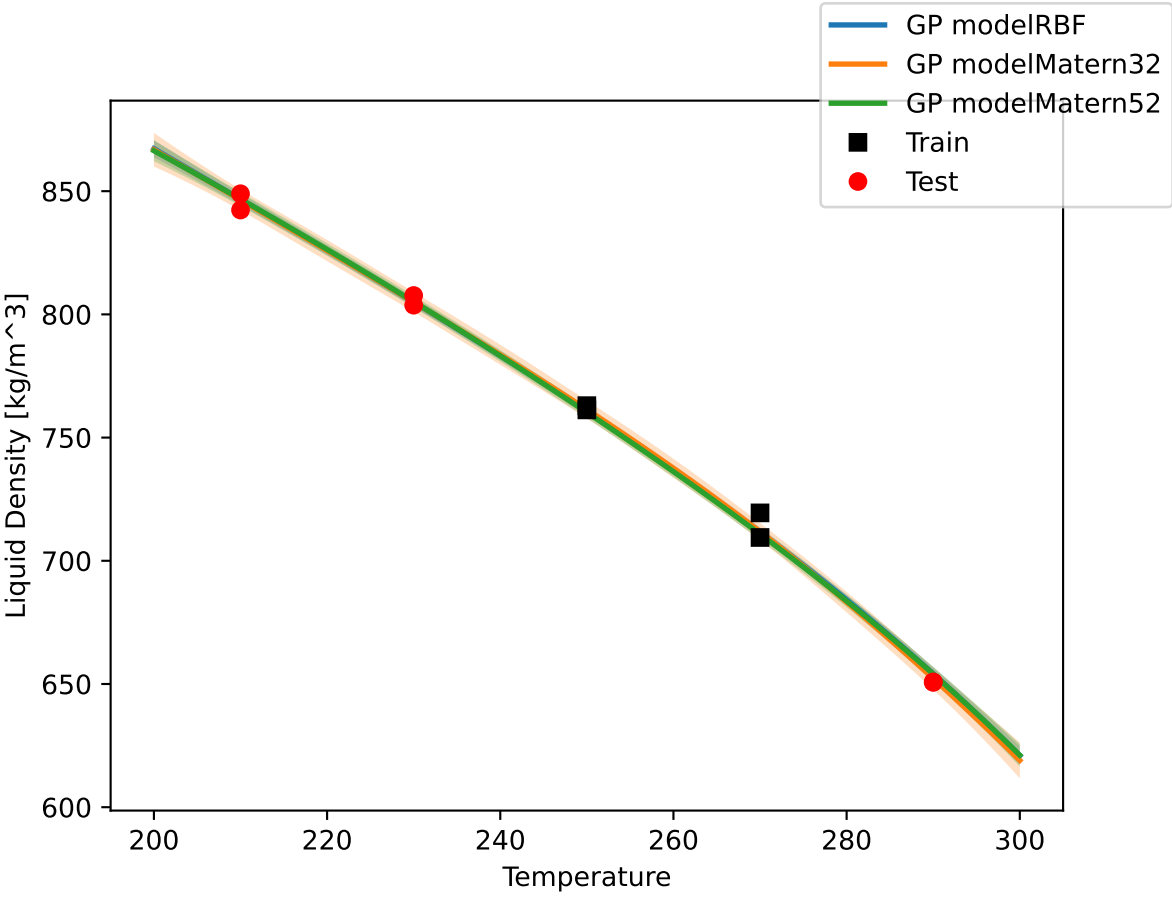

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

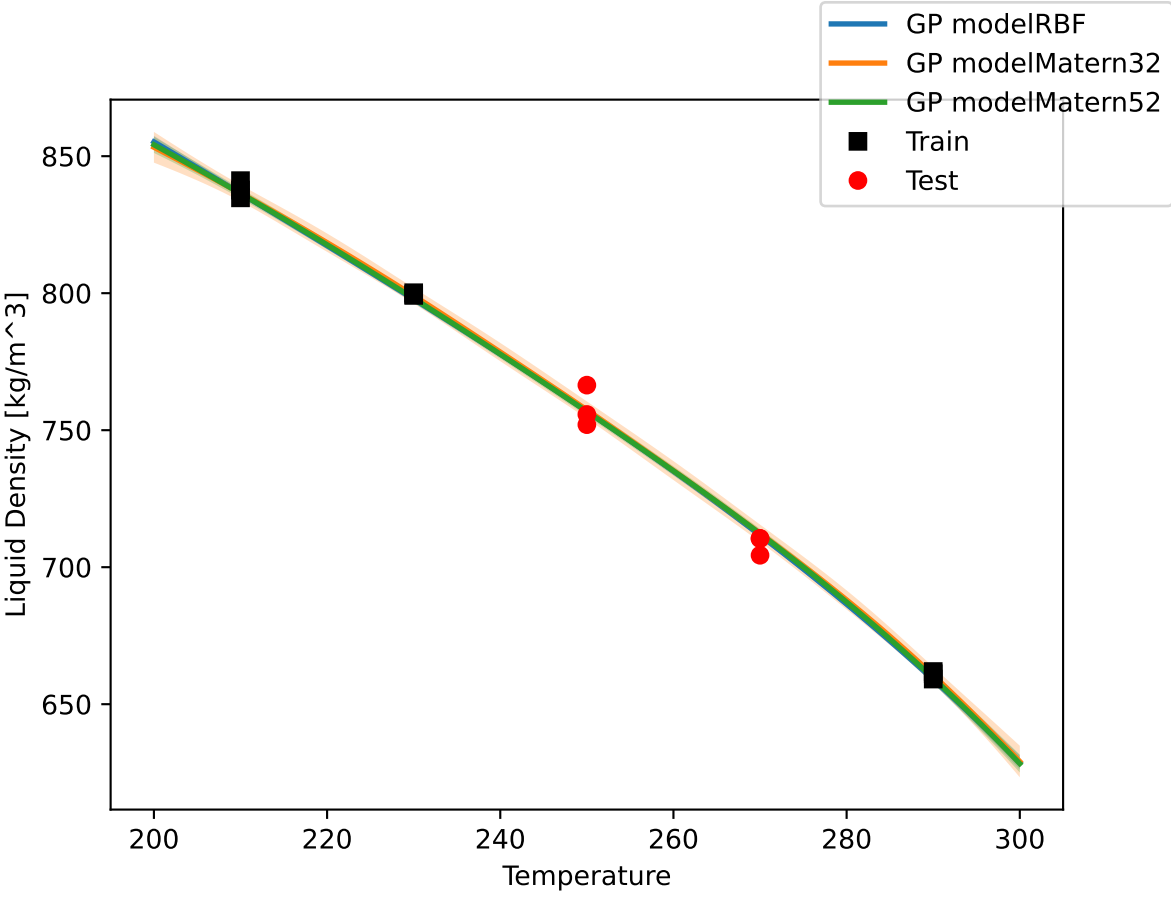

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

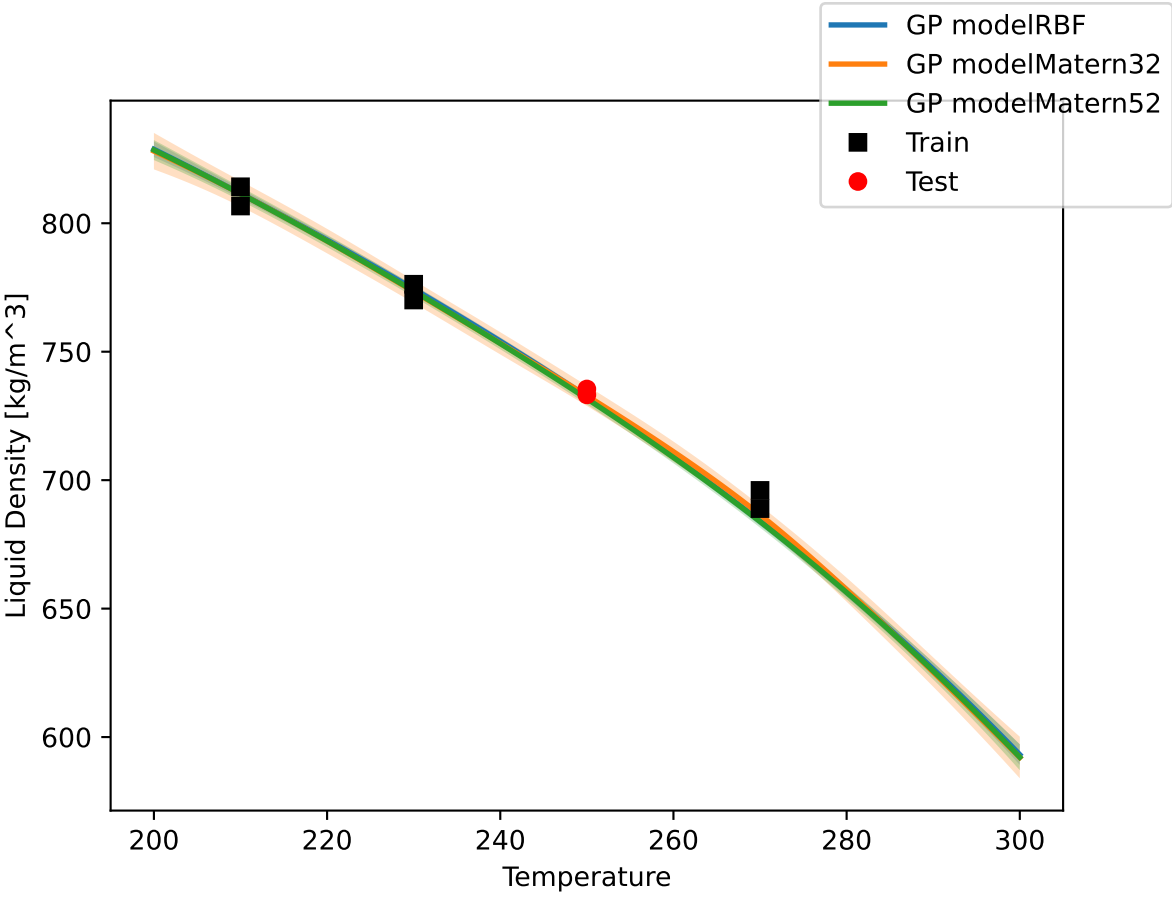

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

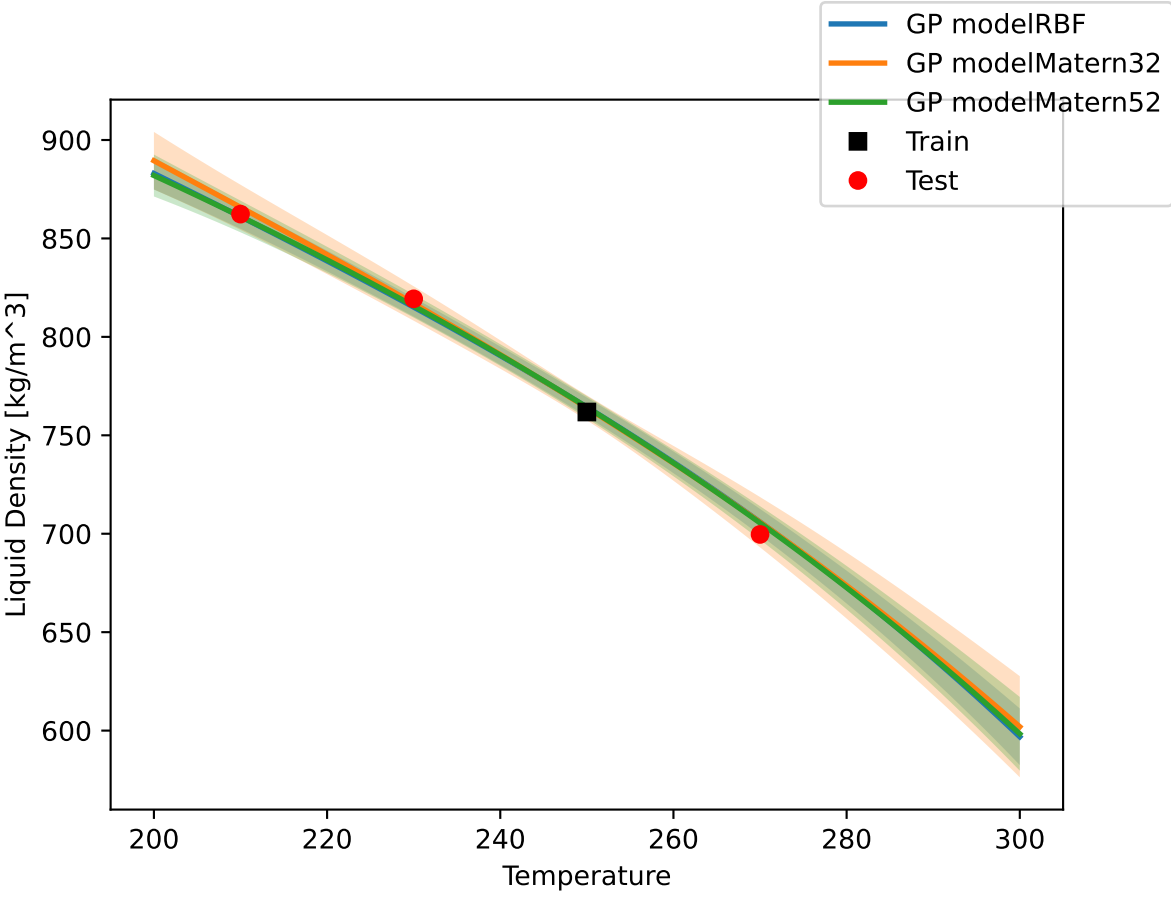

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
500
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

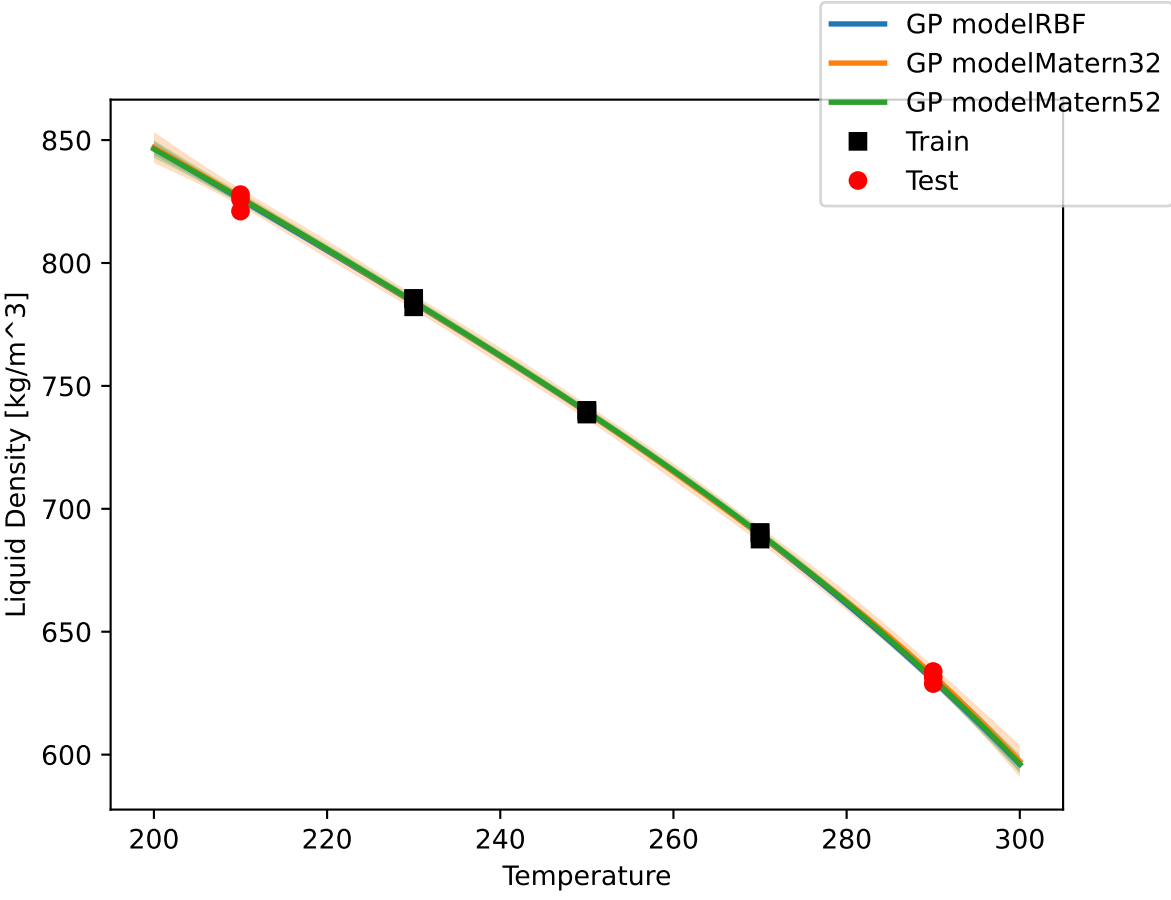

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

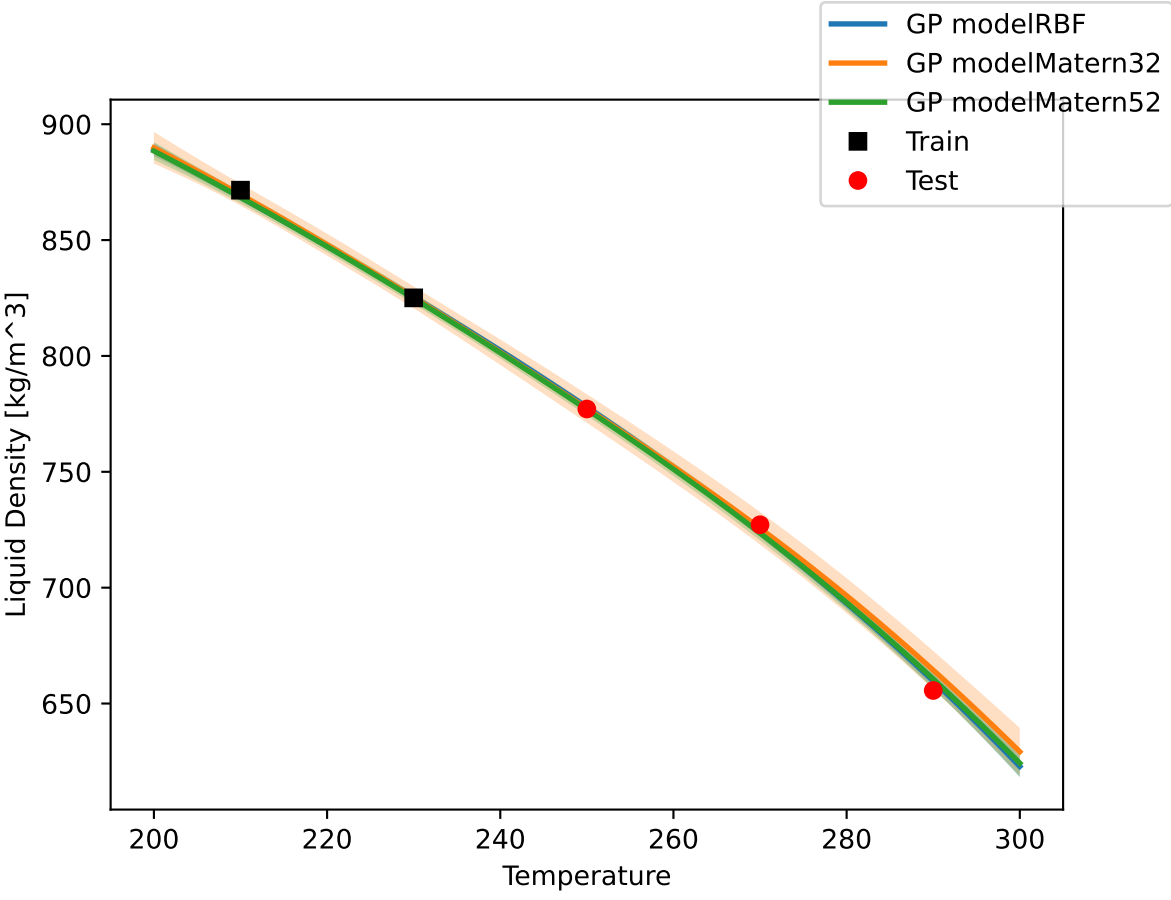

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

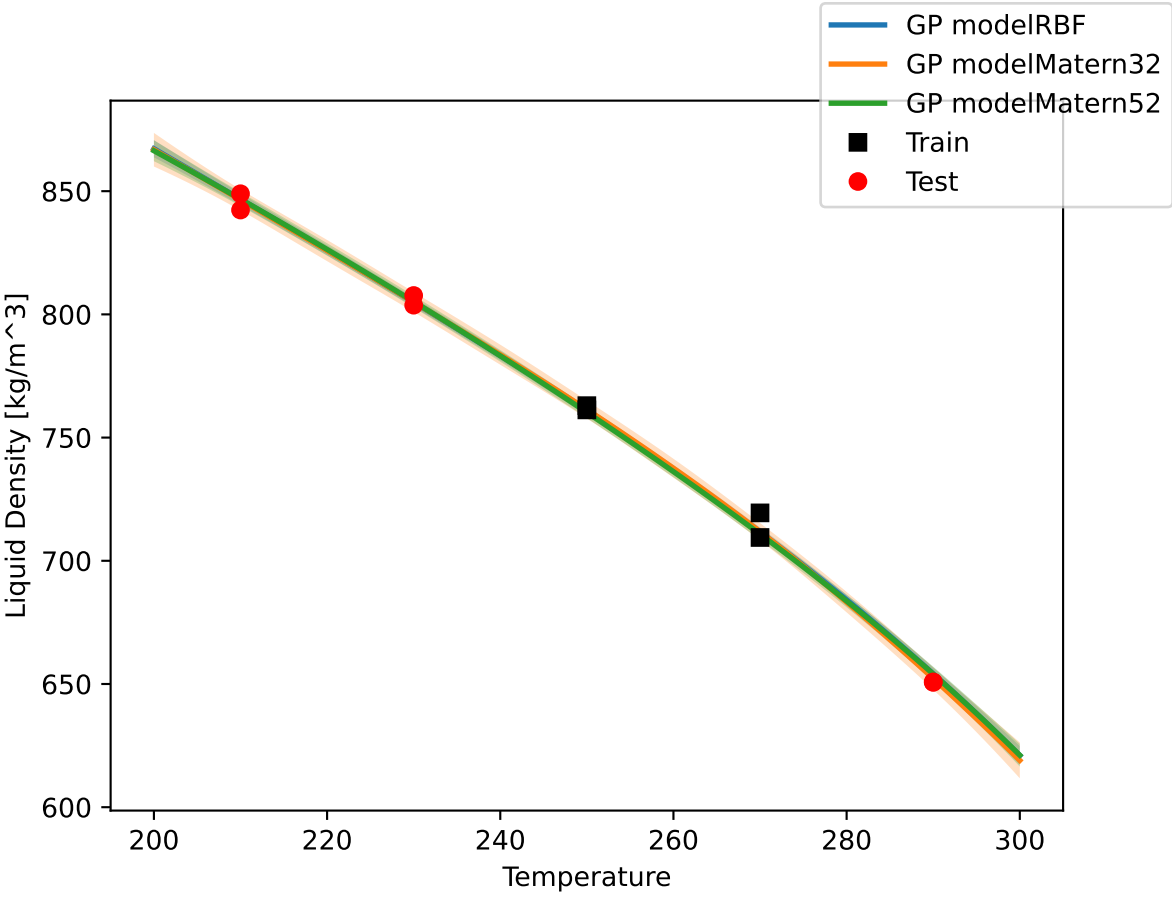

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

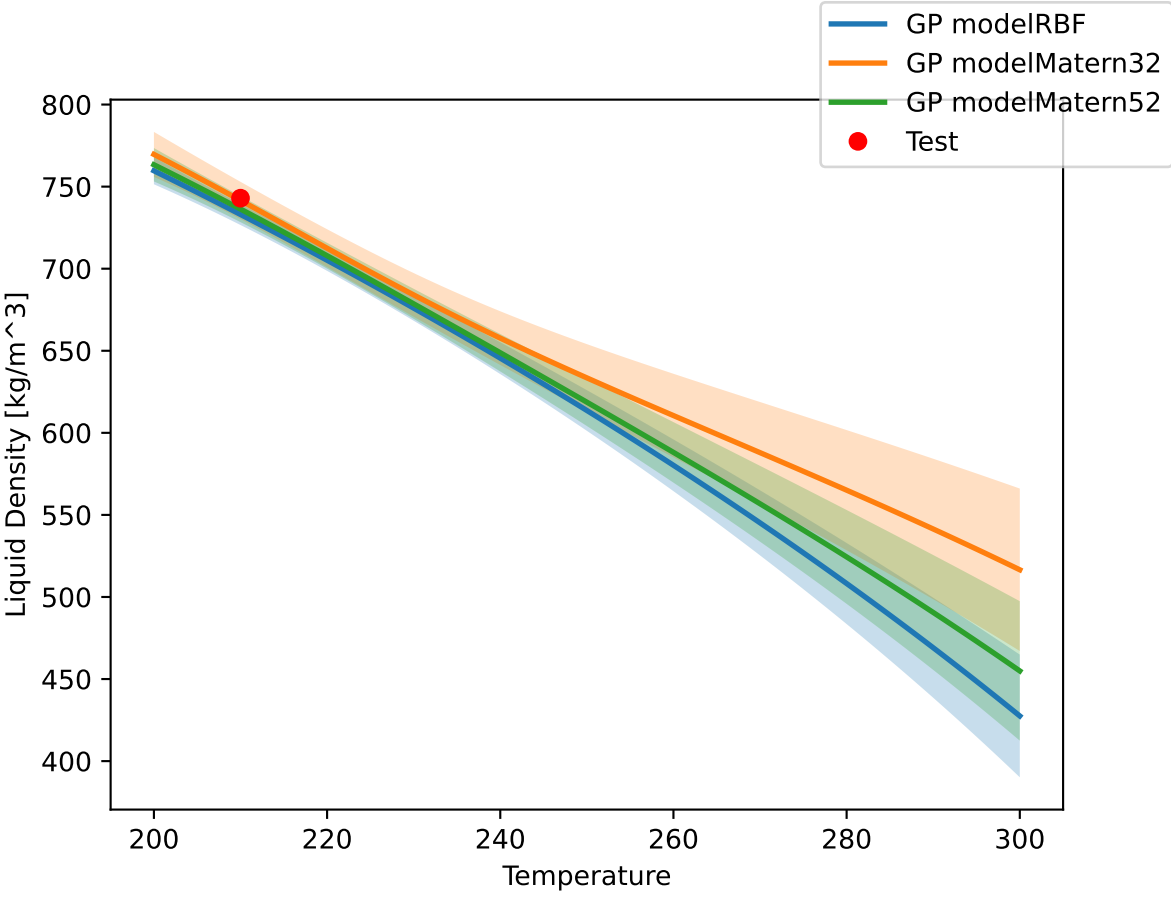

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

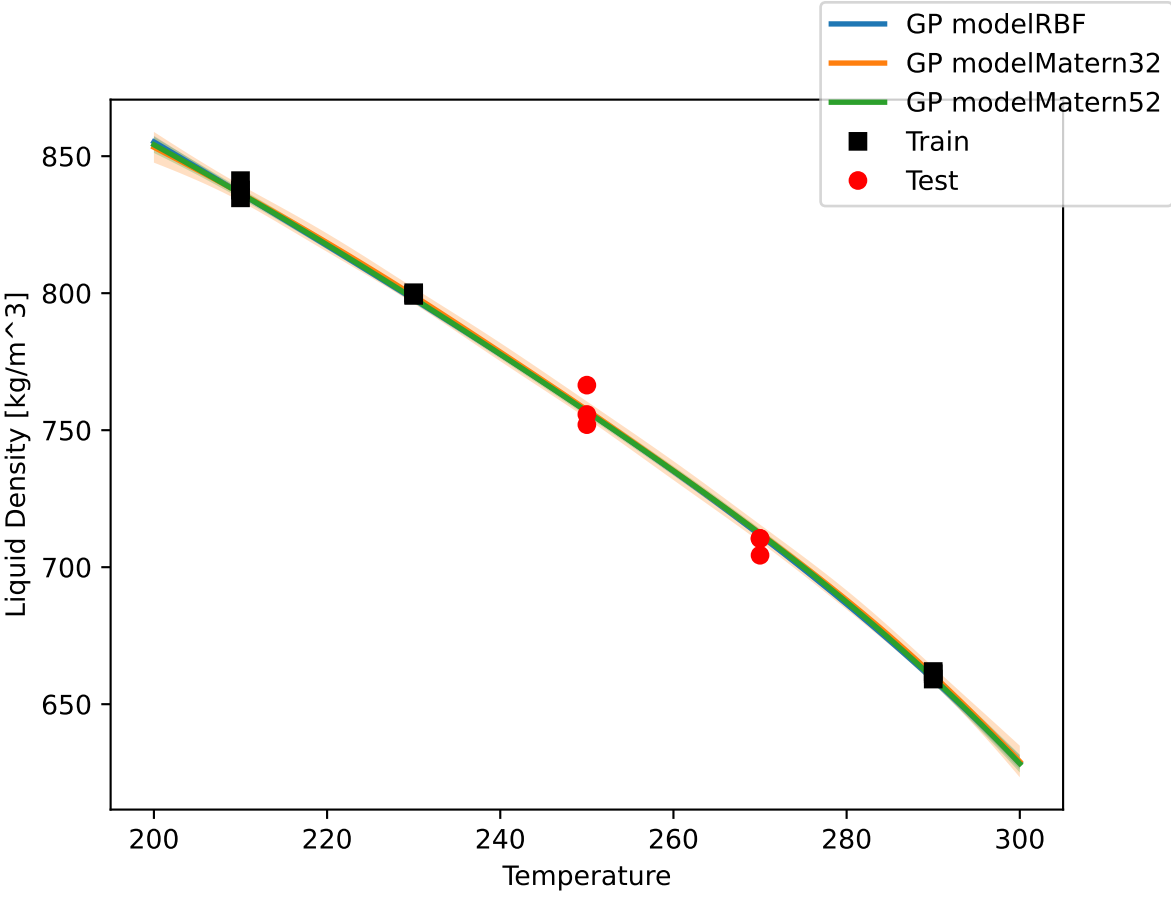

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

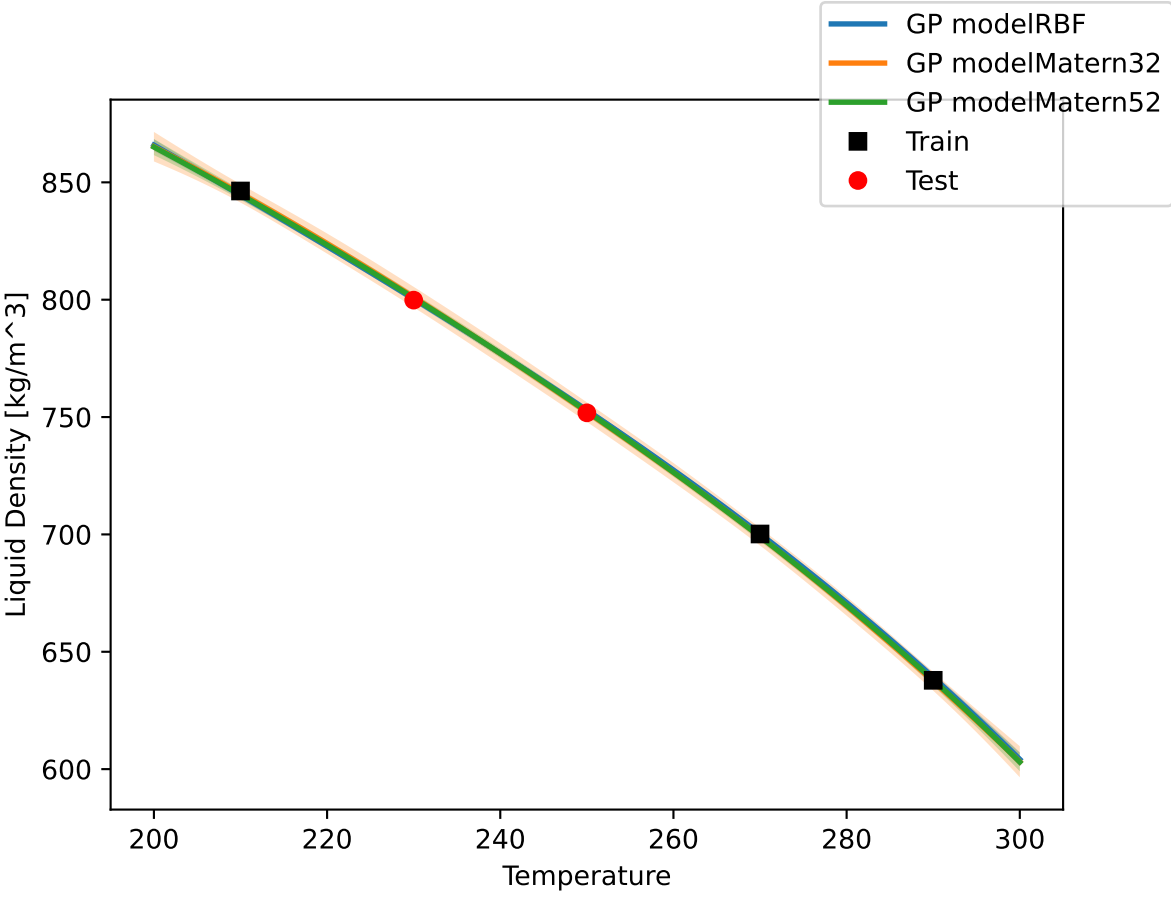

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

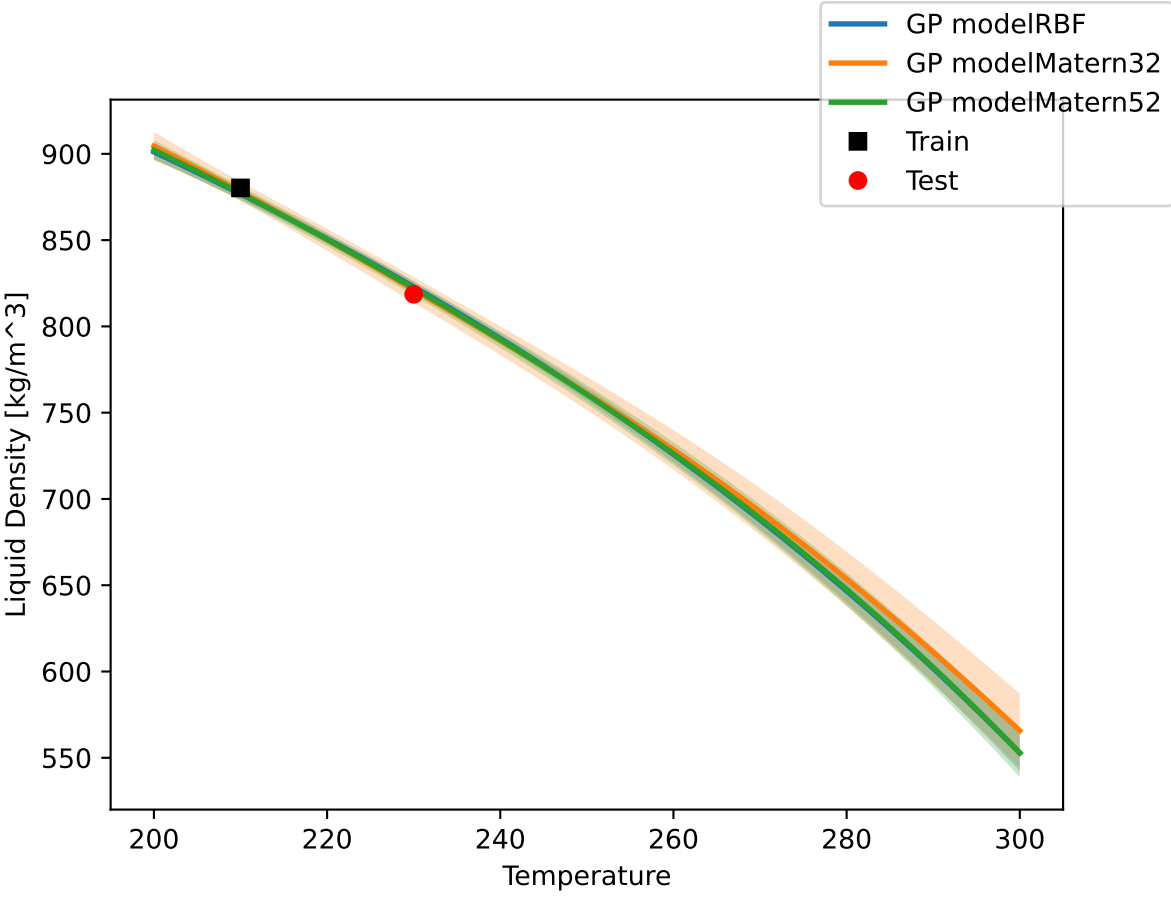

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

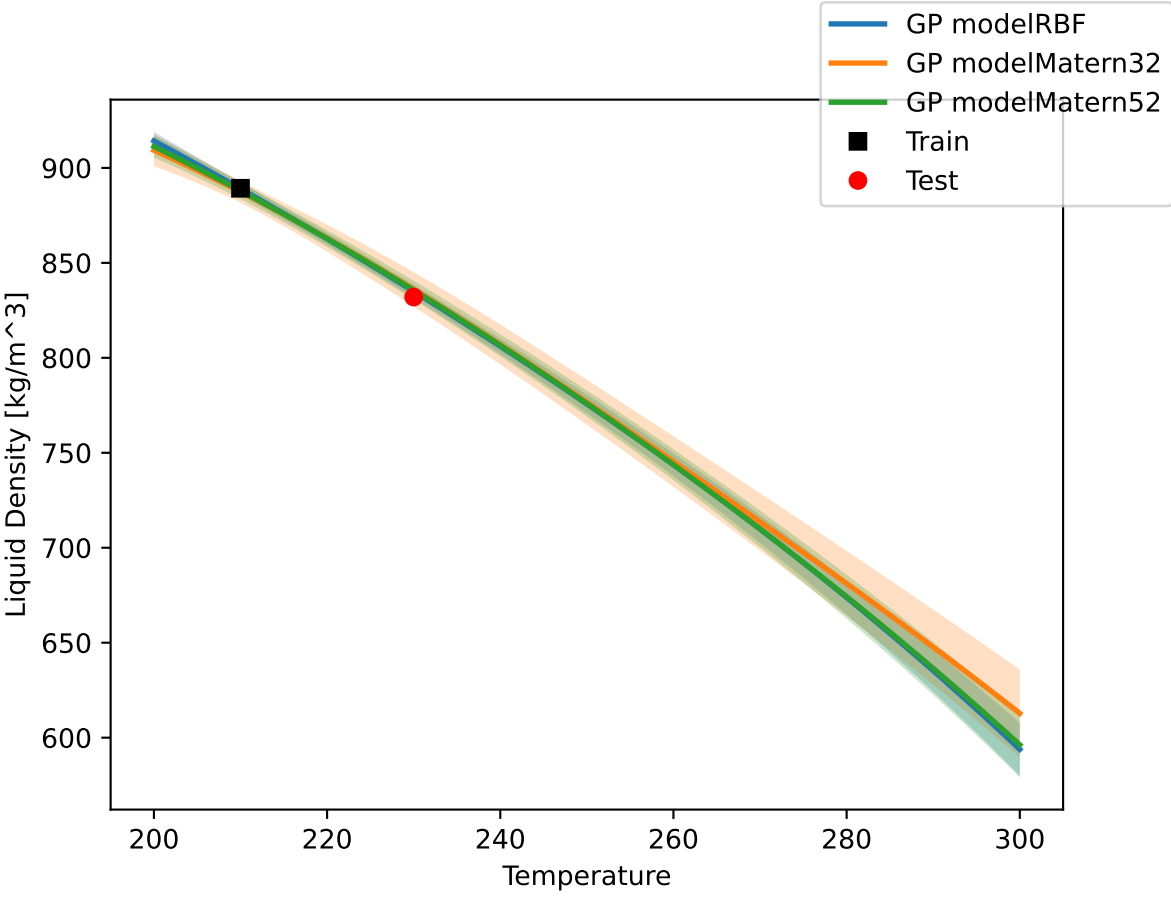

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

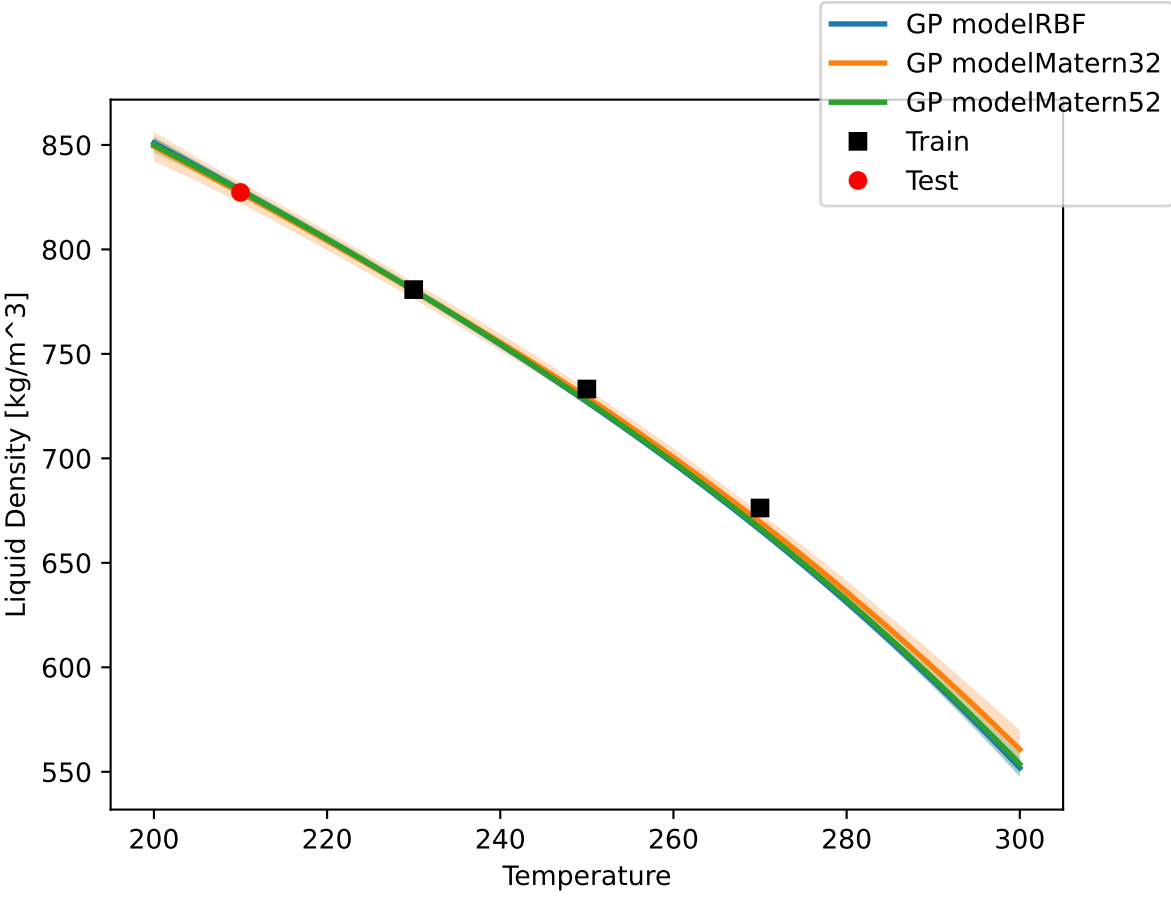

GP modelRBF
GP modelMatern32
GP modelMatern52
Test
800
750
700
650
600
550
500
450
400
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

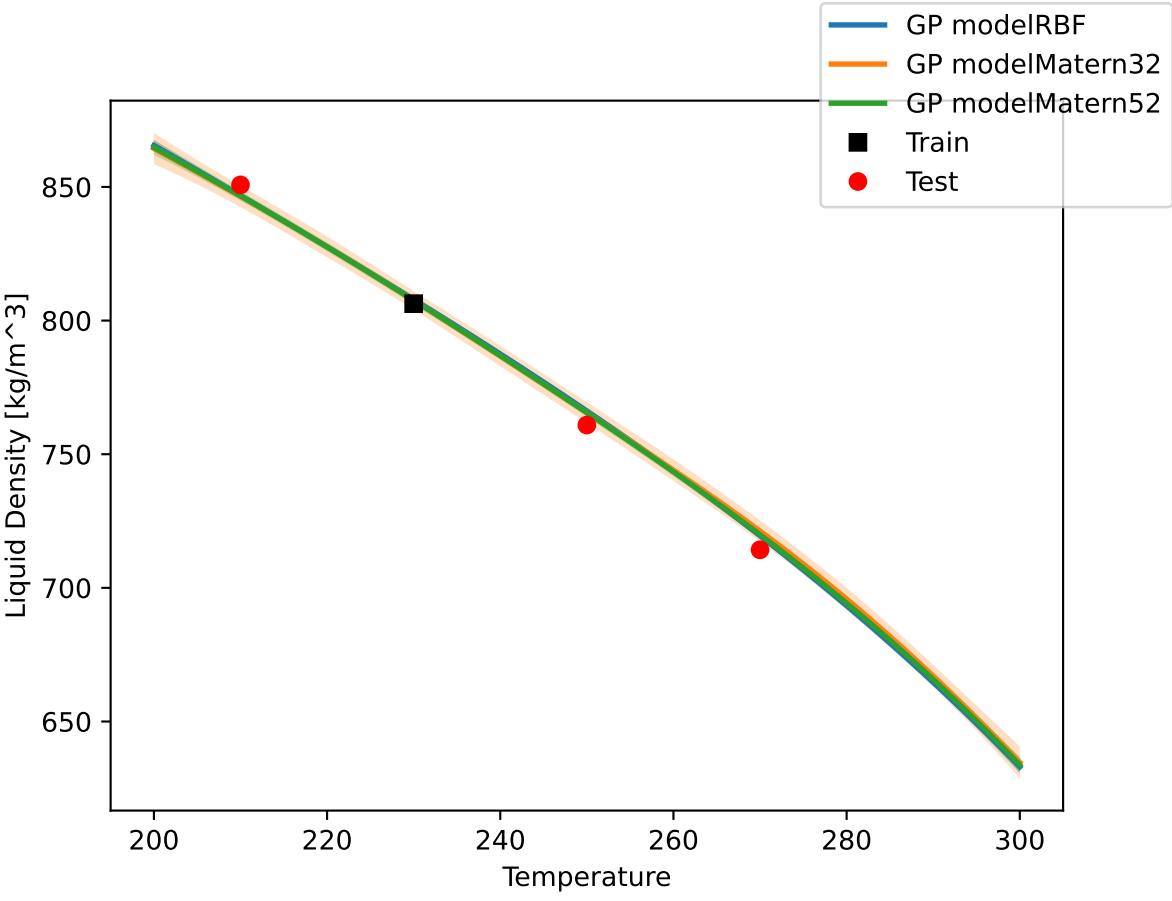

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

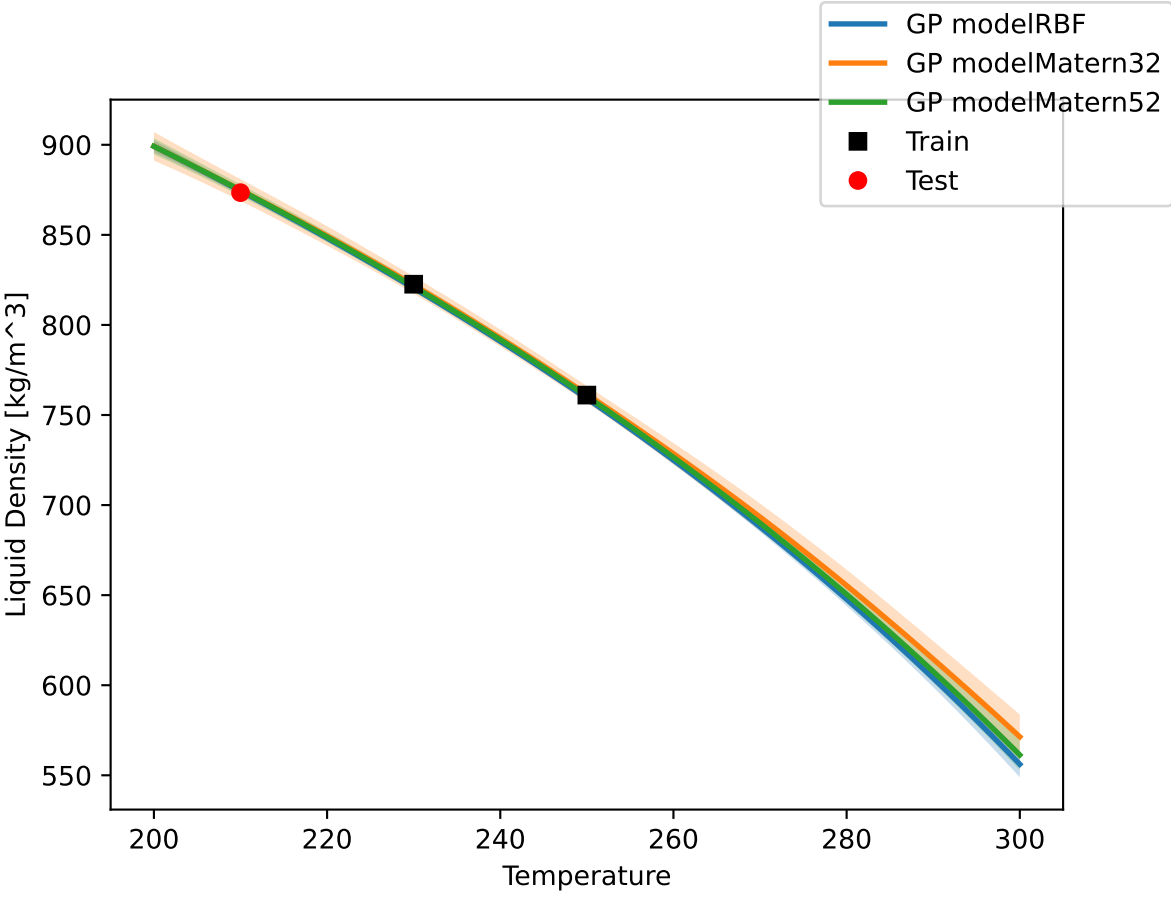

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

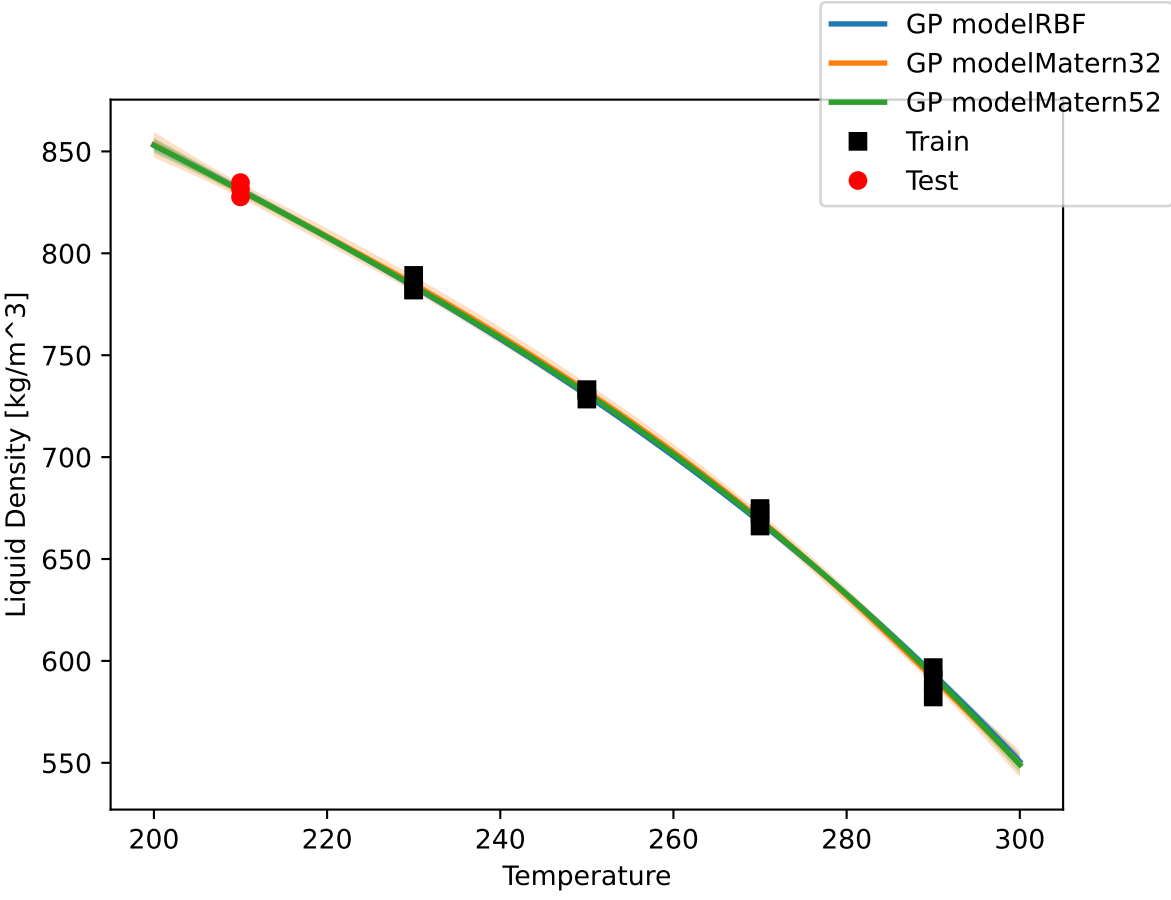

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

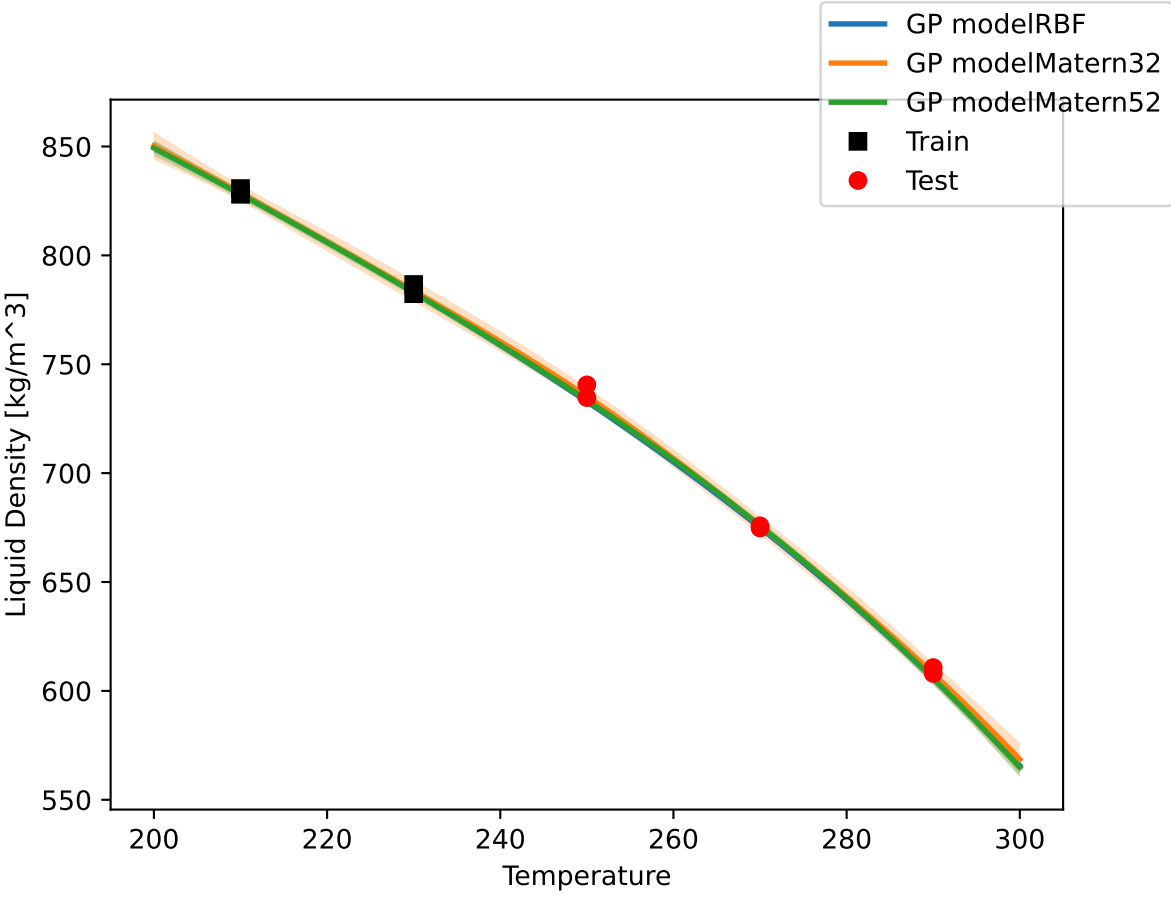

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

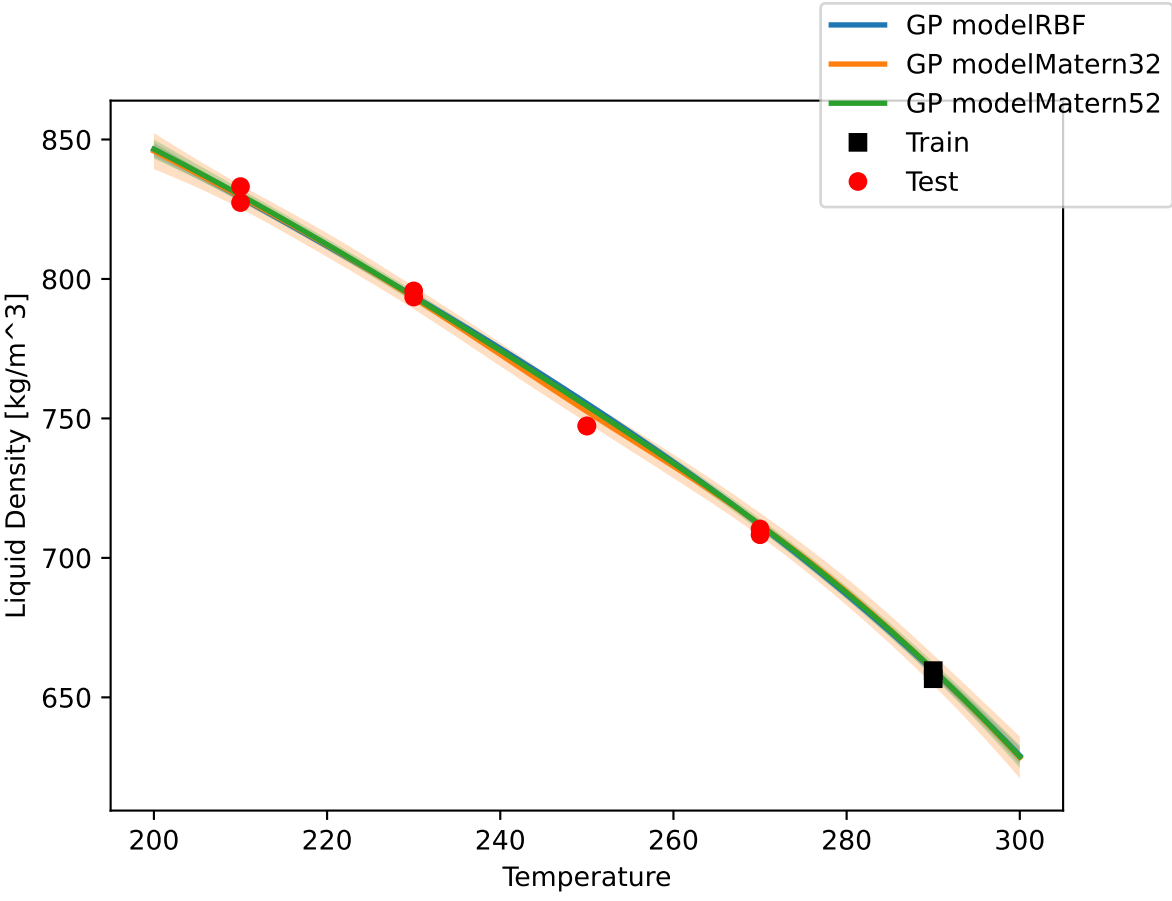

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

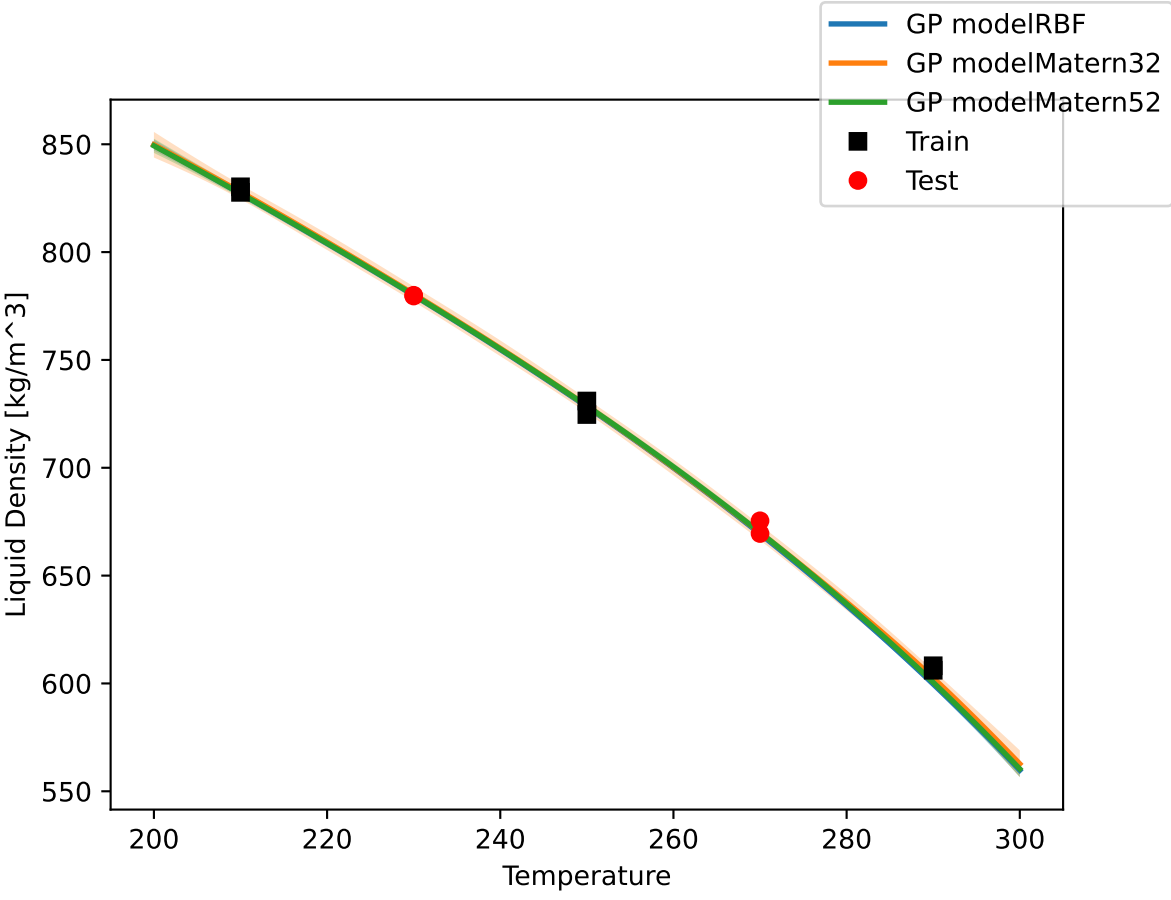

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

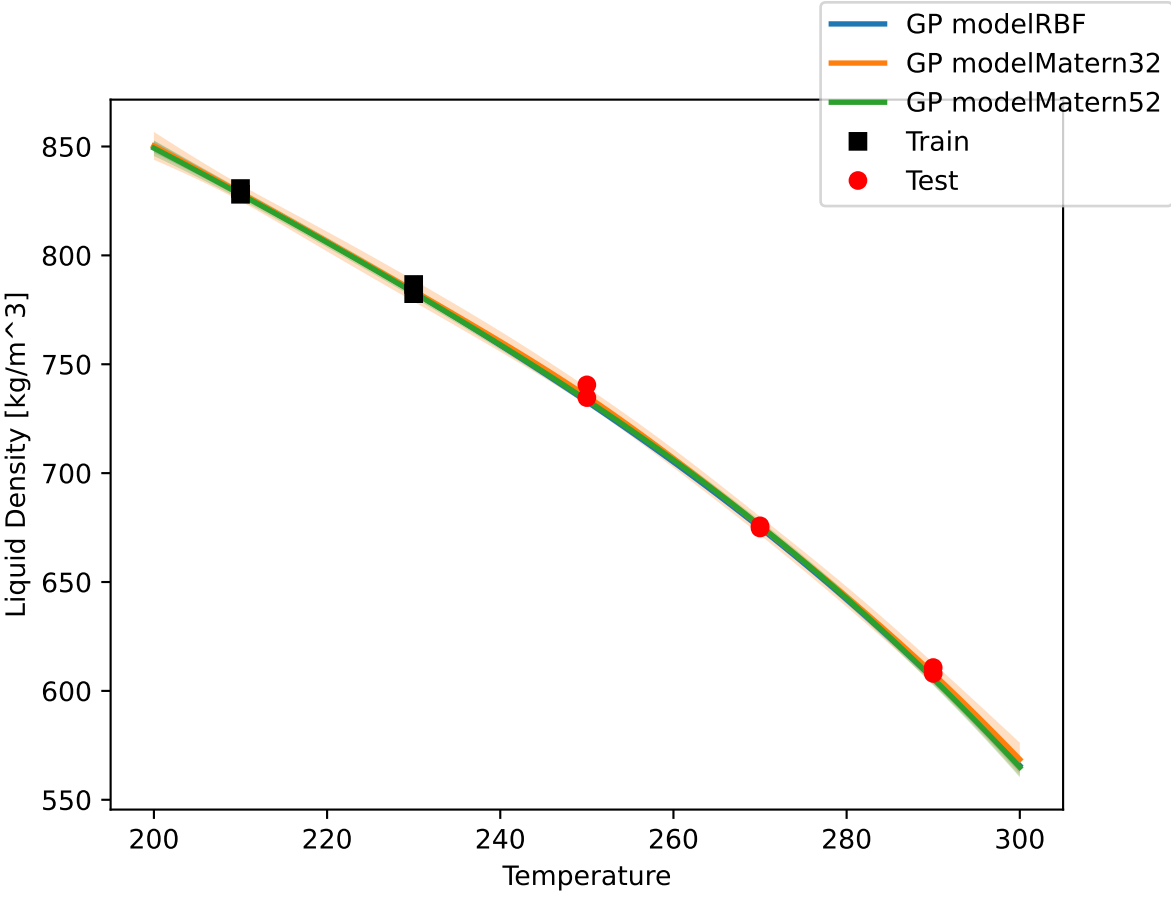

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

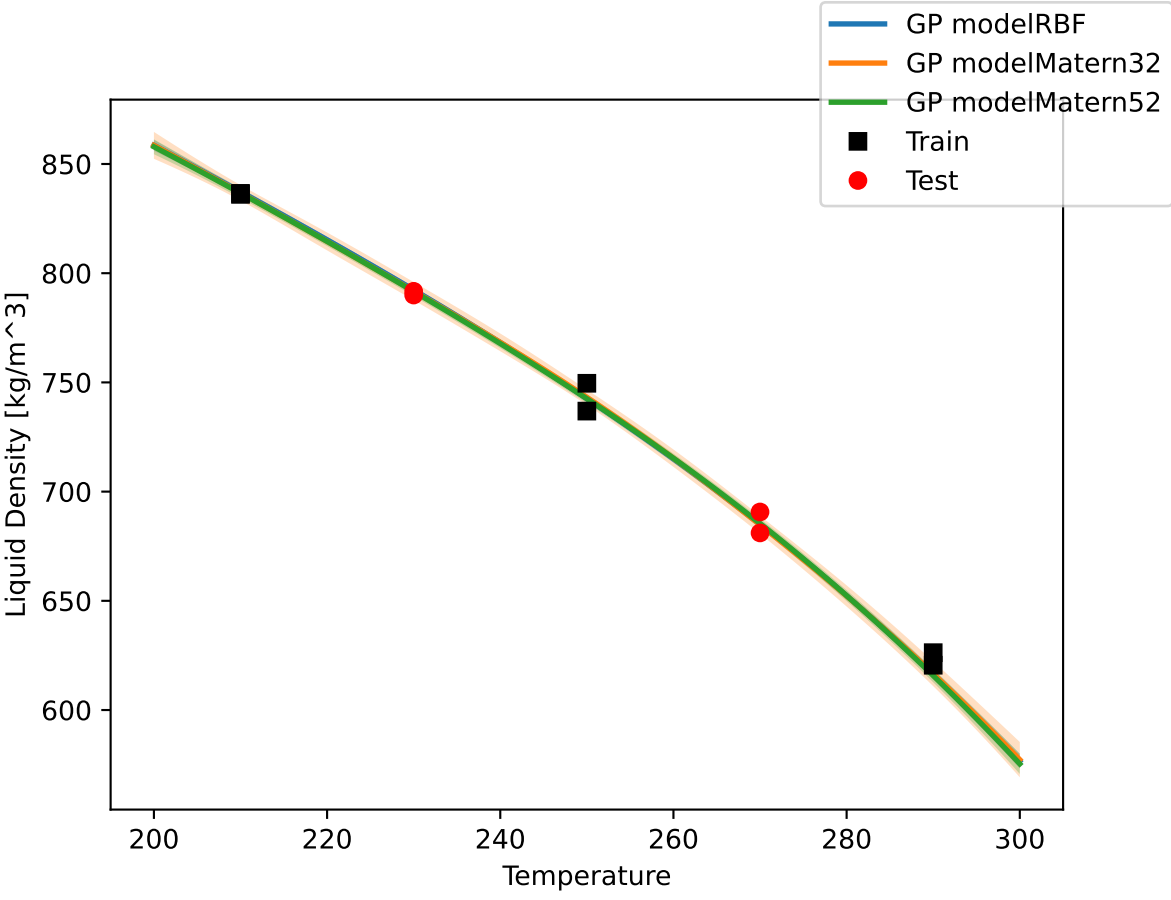

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

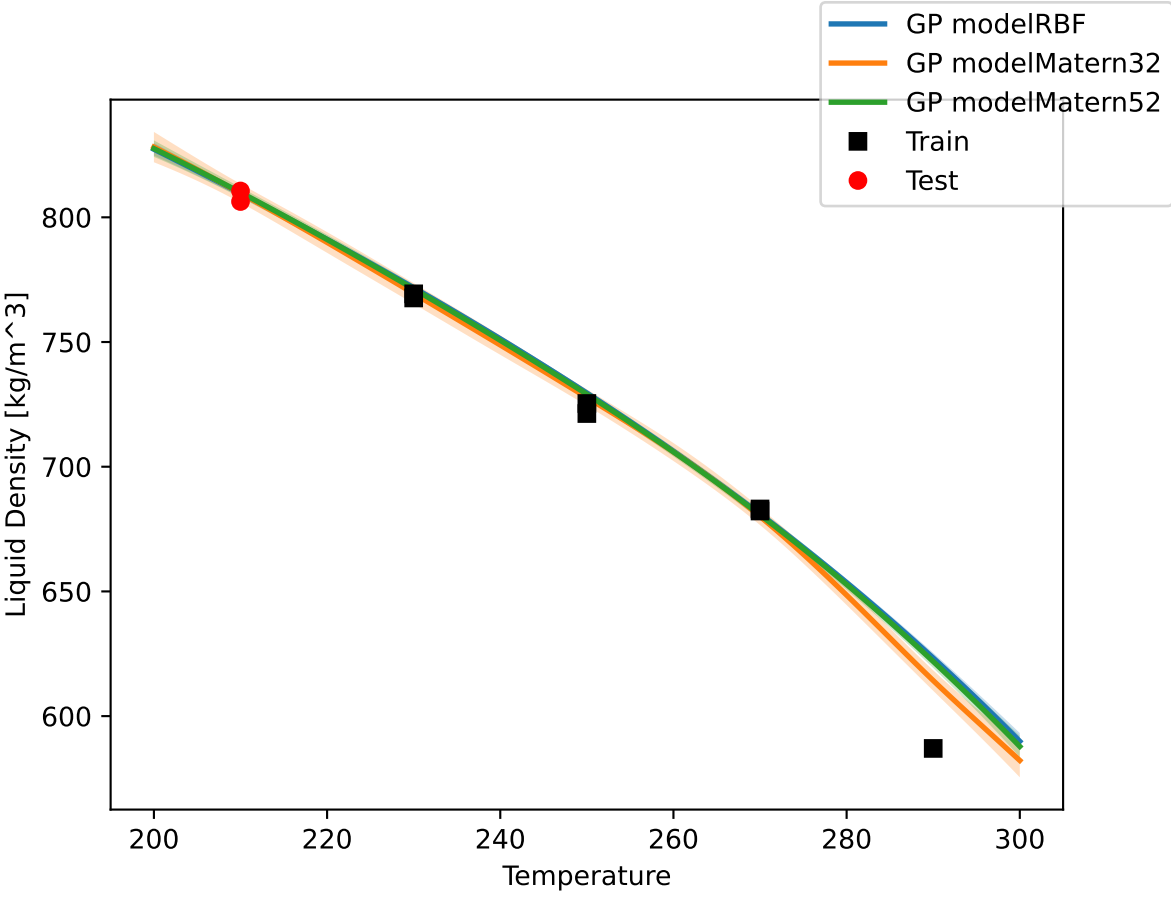

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

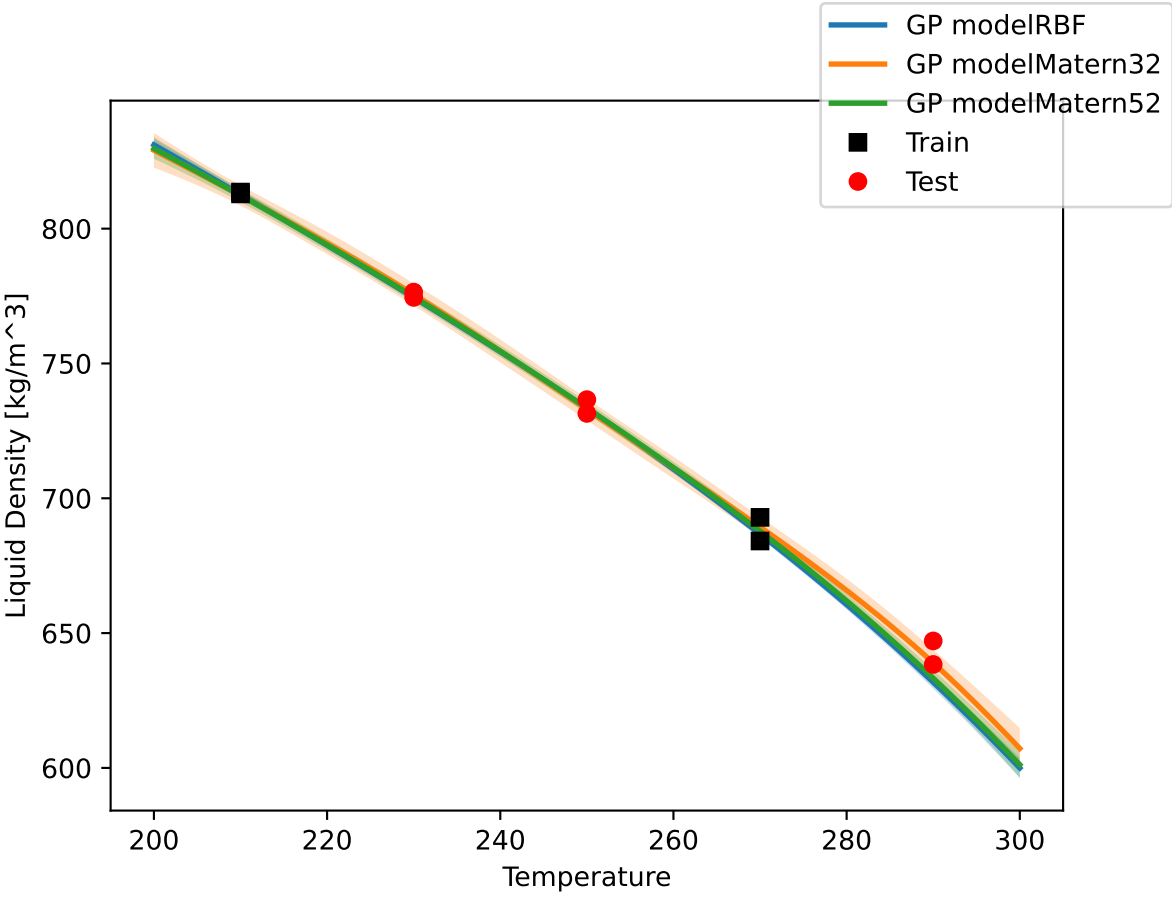

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

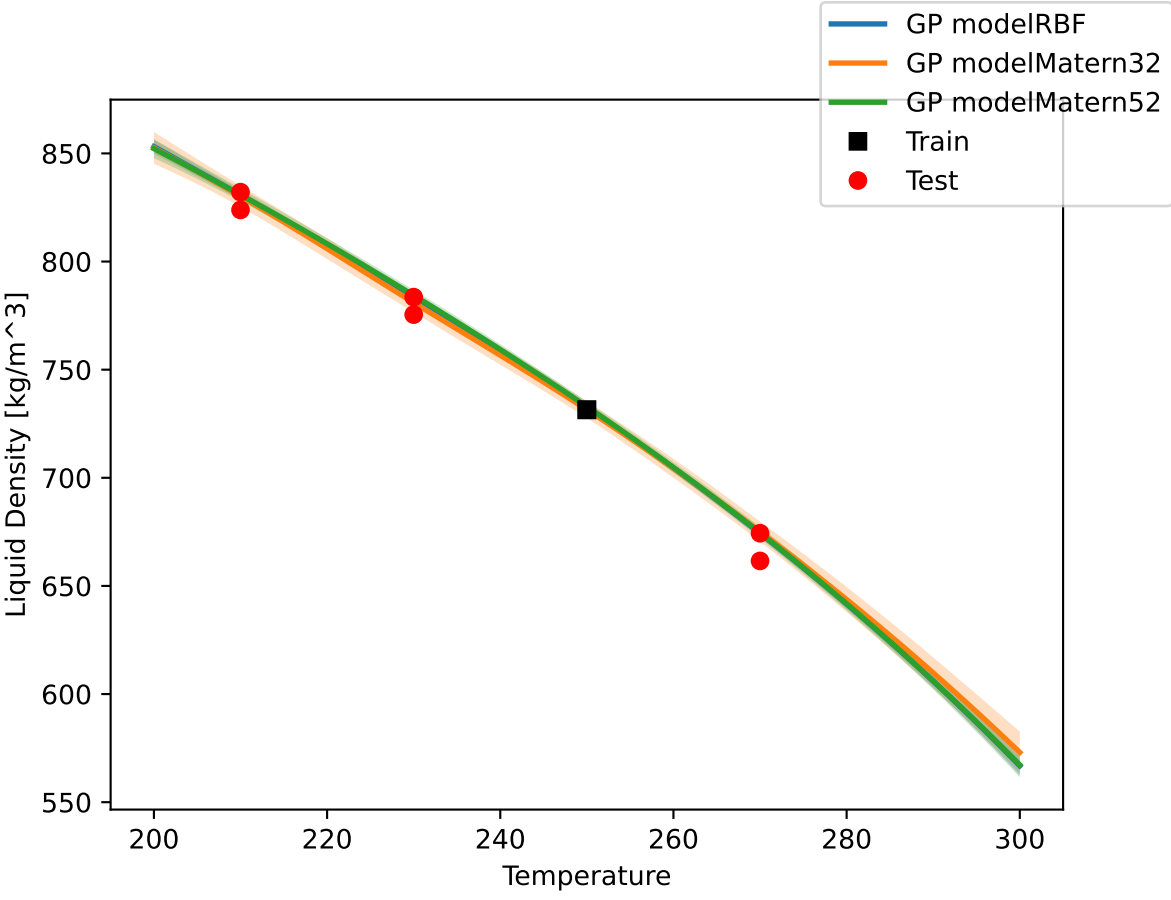

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

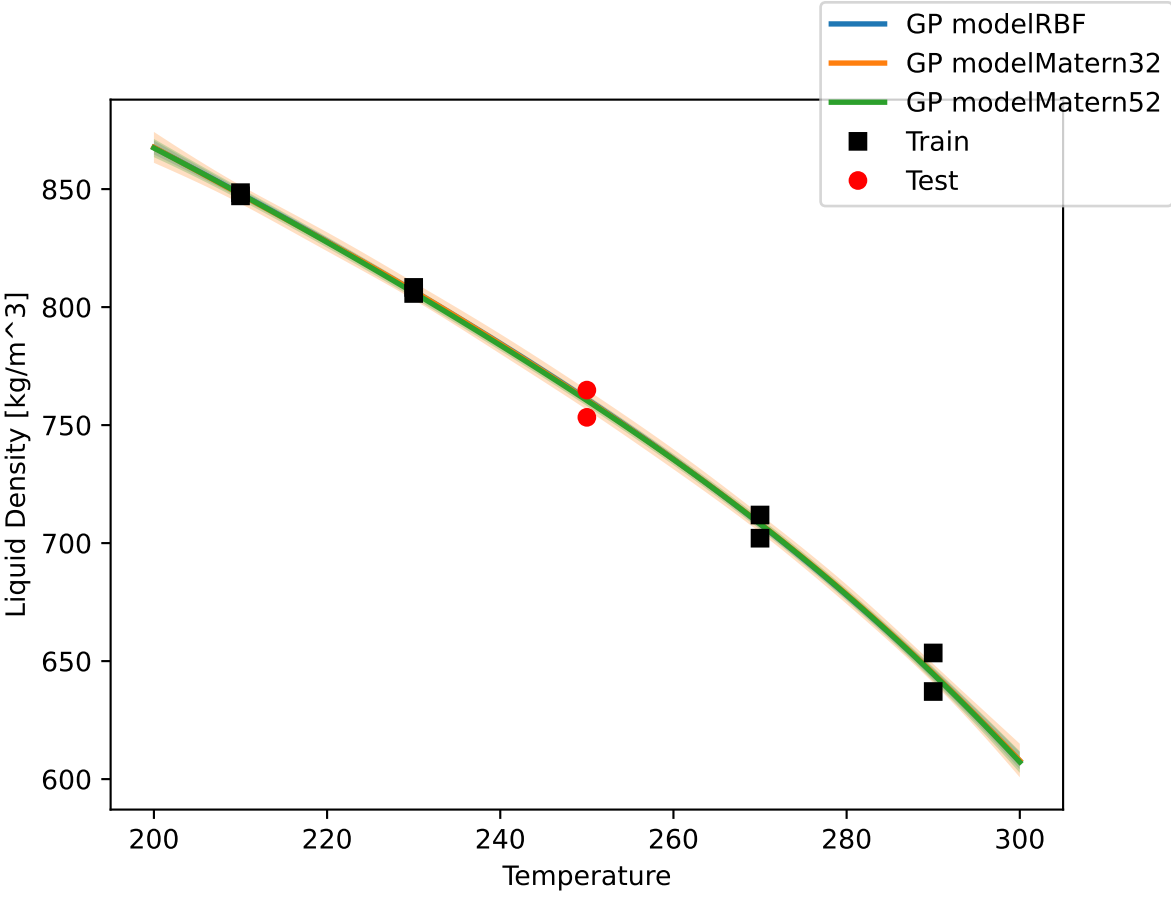

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

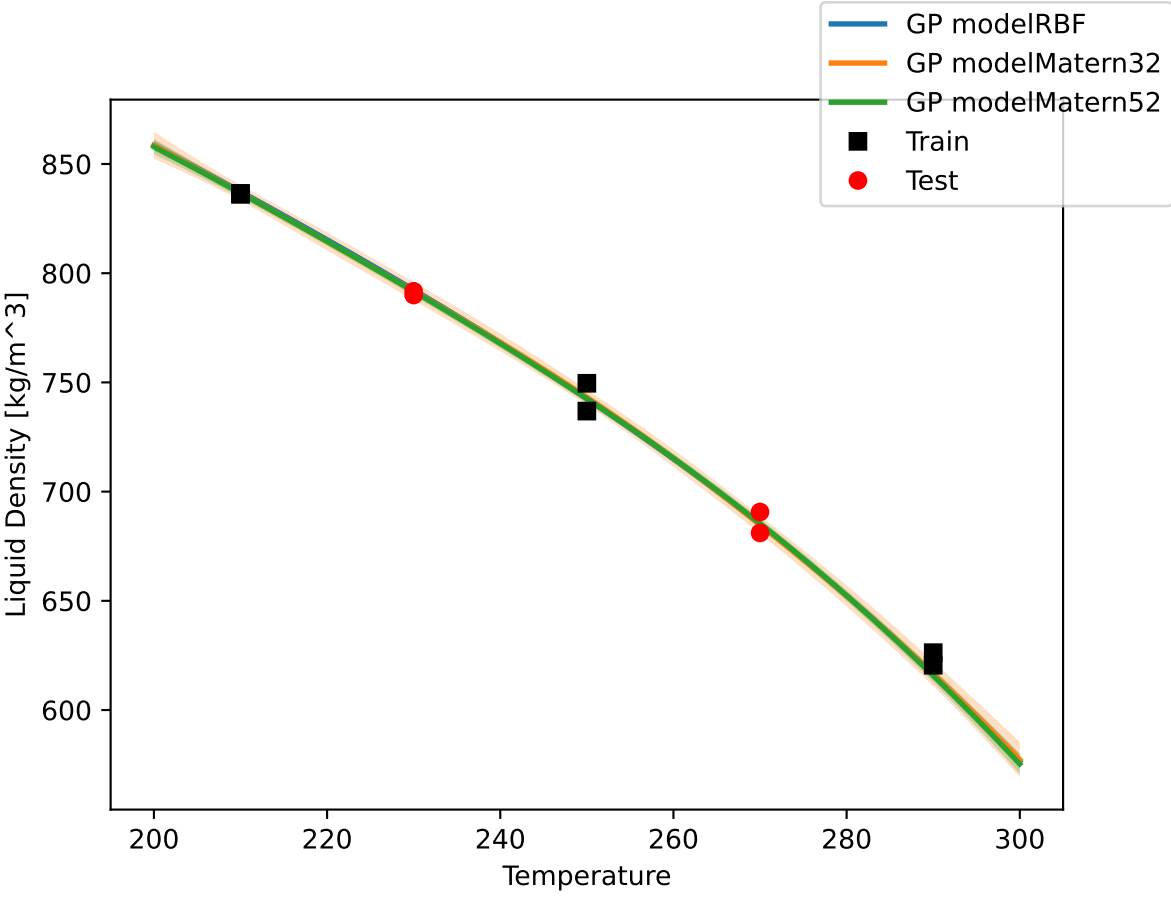

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

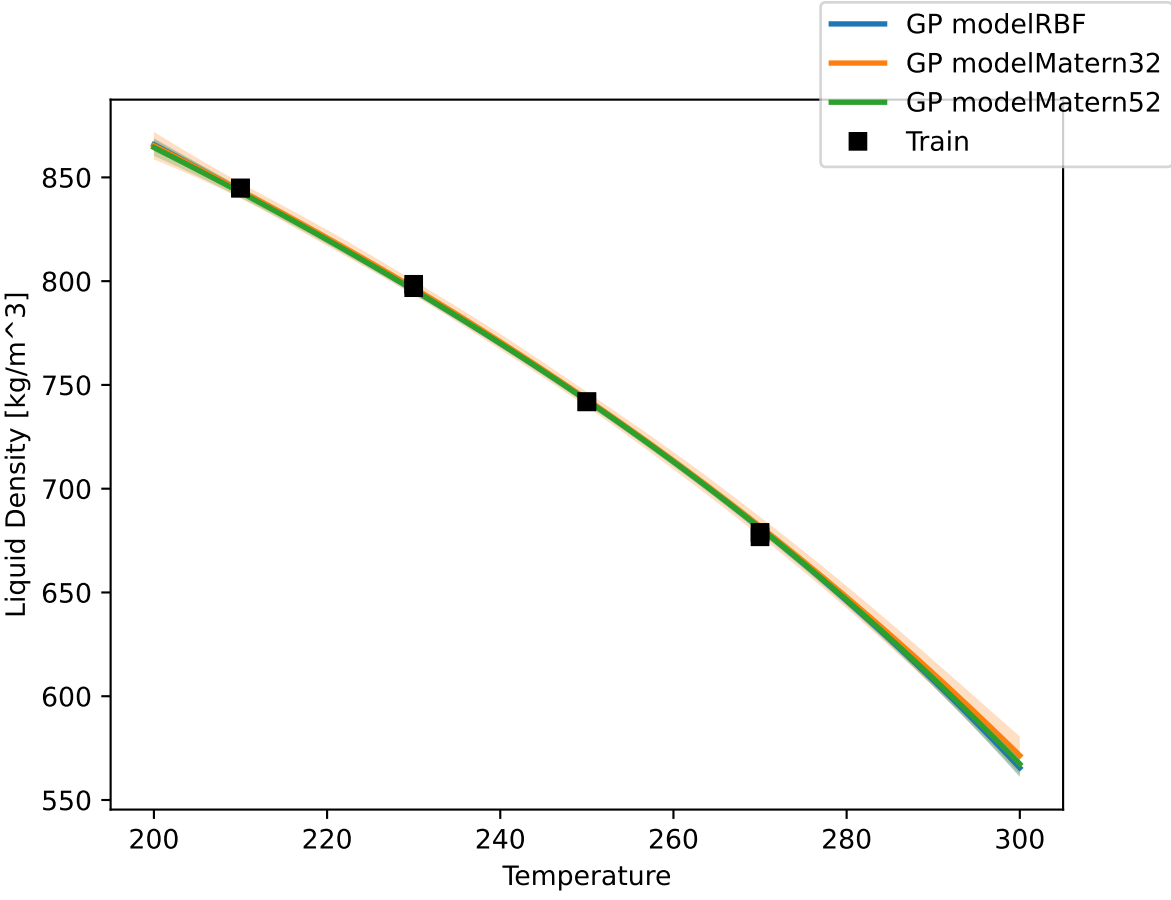

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

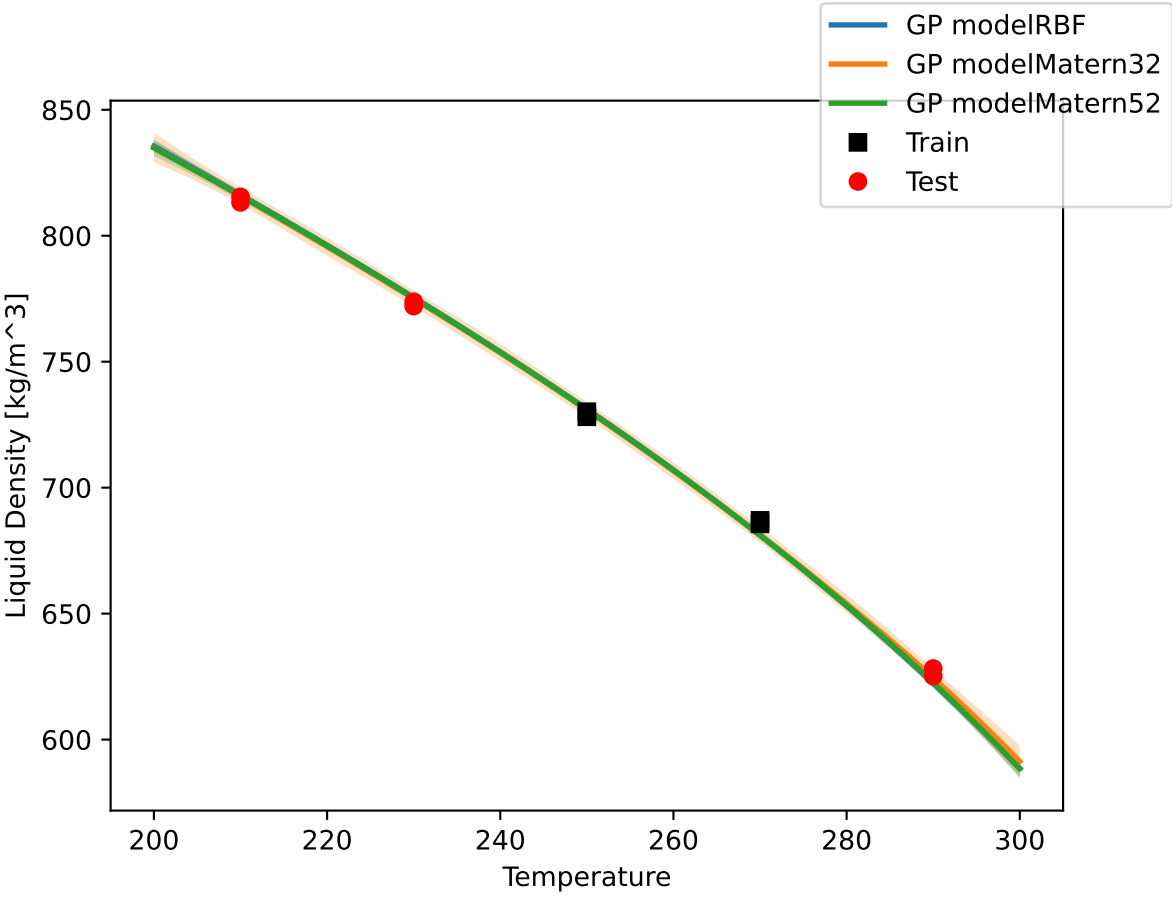

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

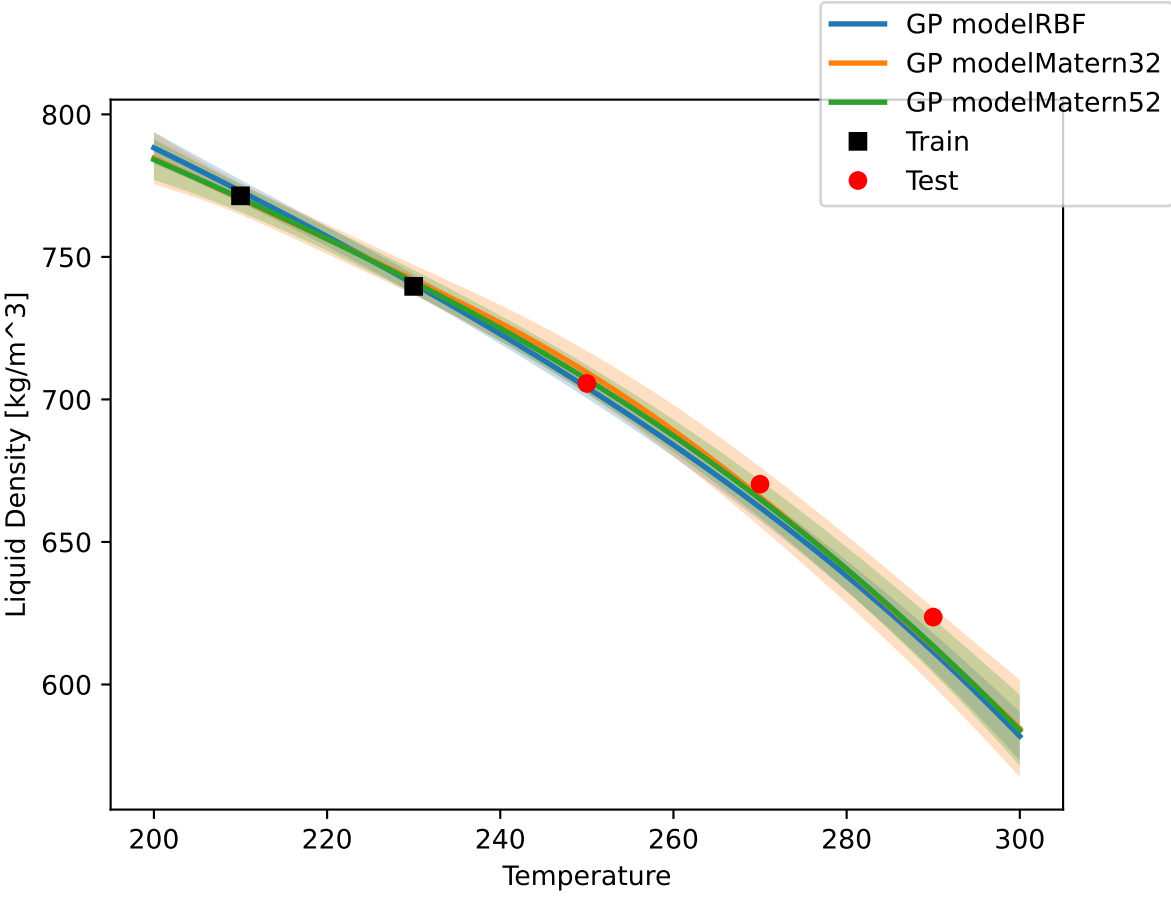

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

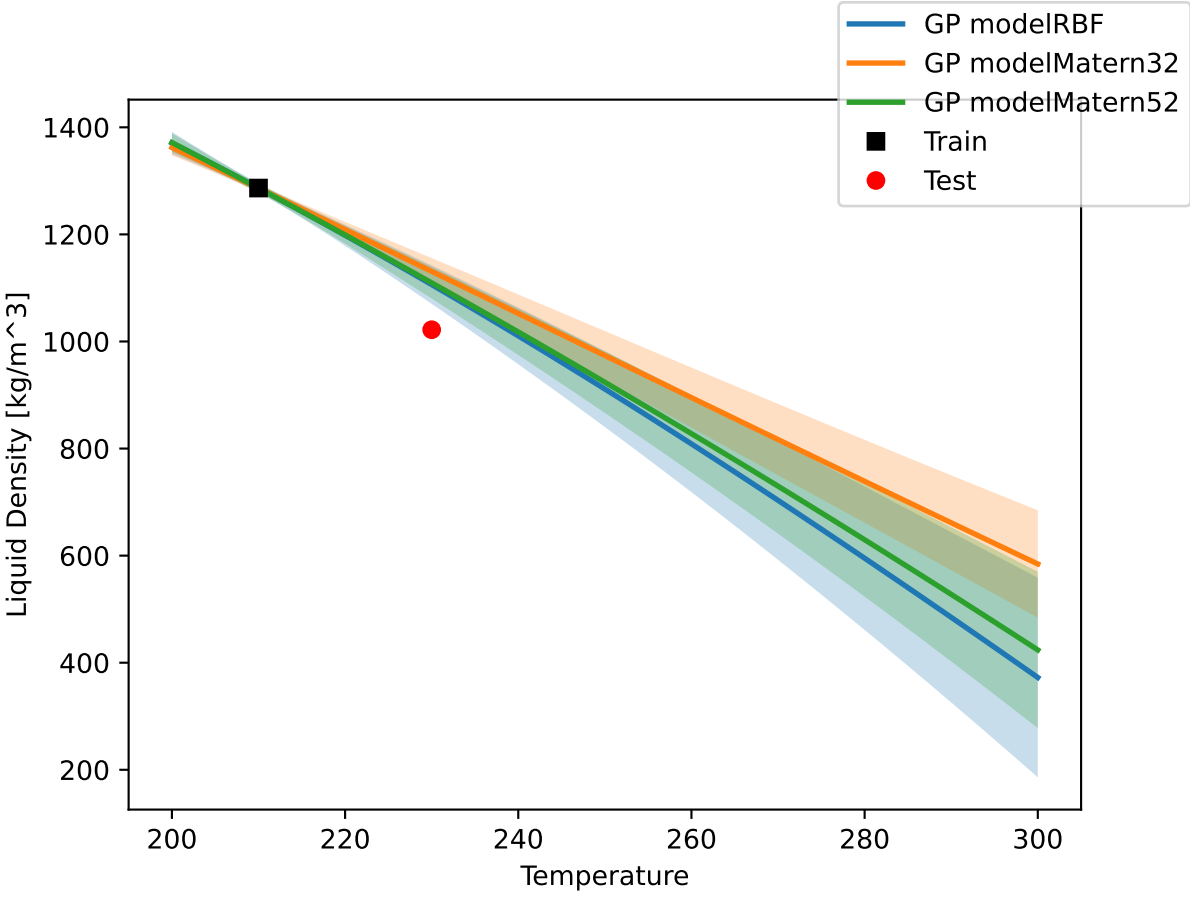

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

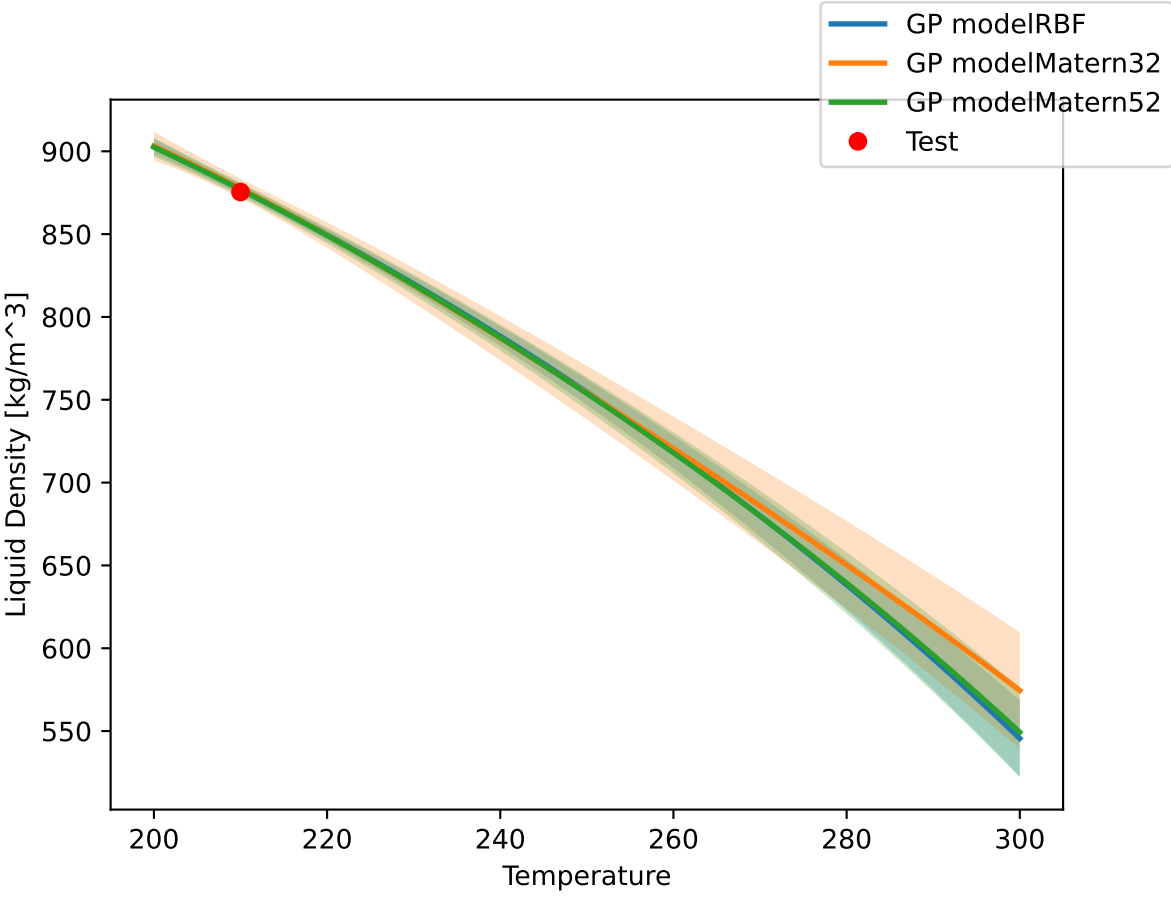

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

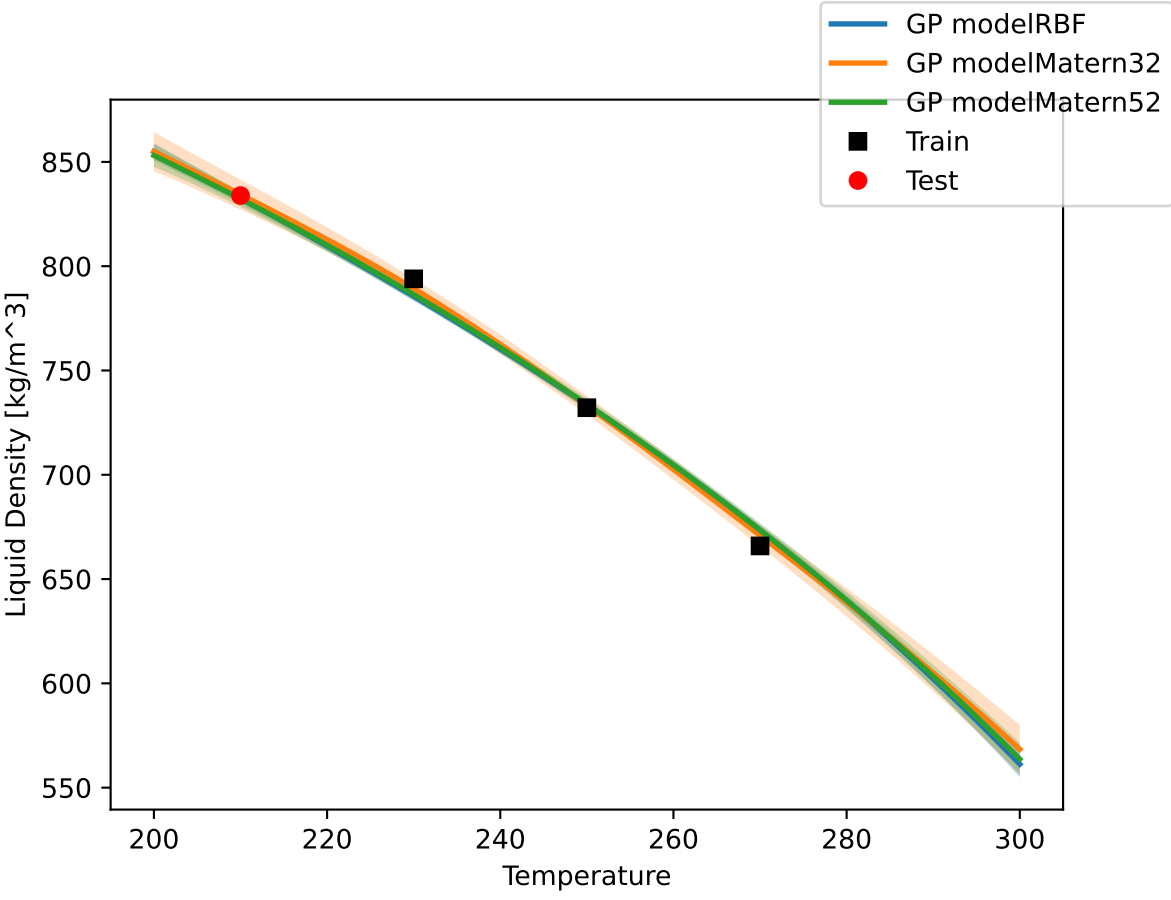

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

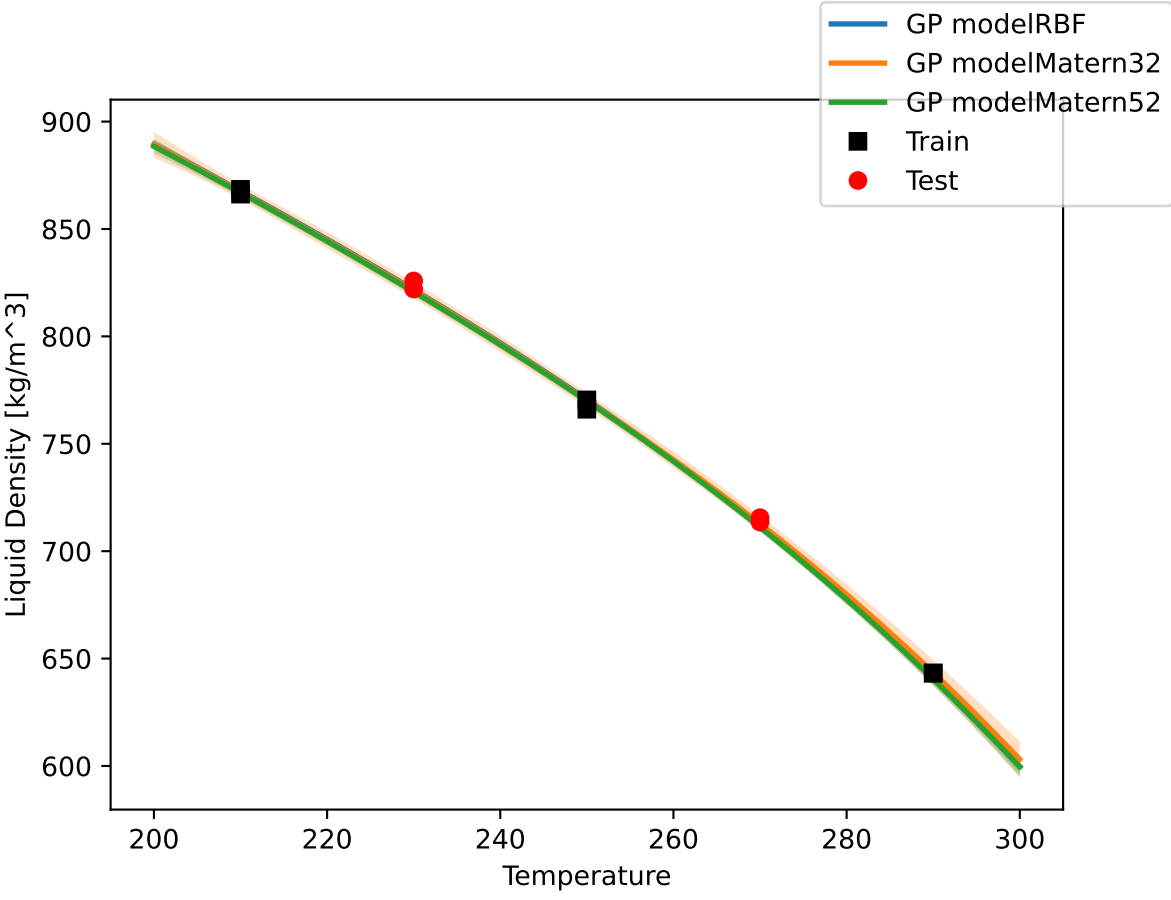

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

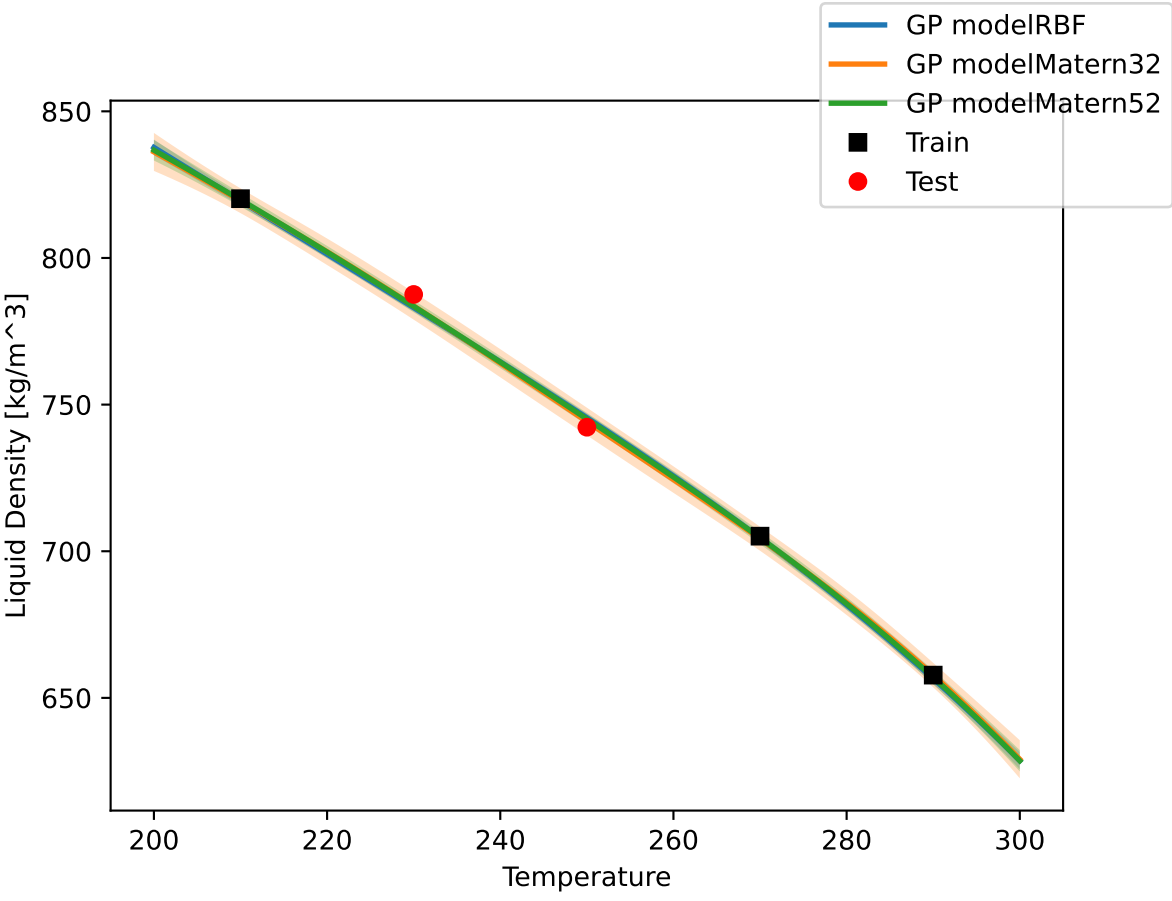

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

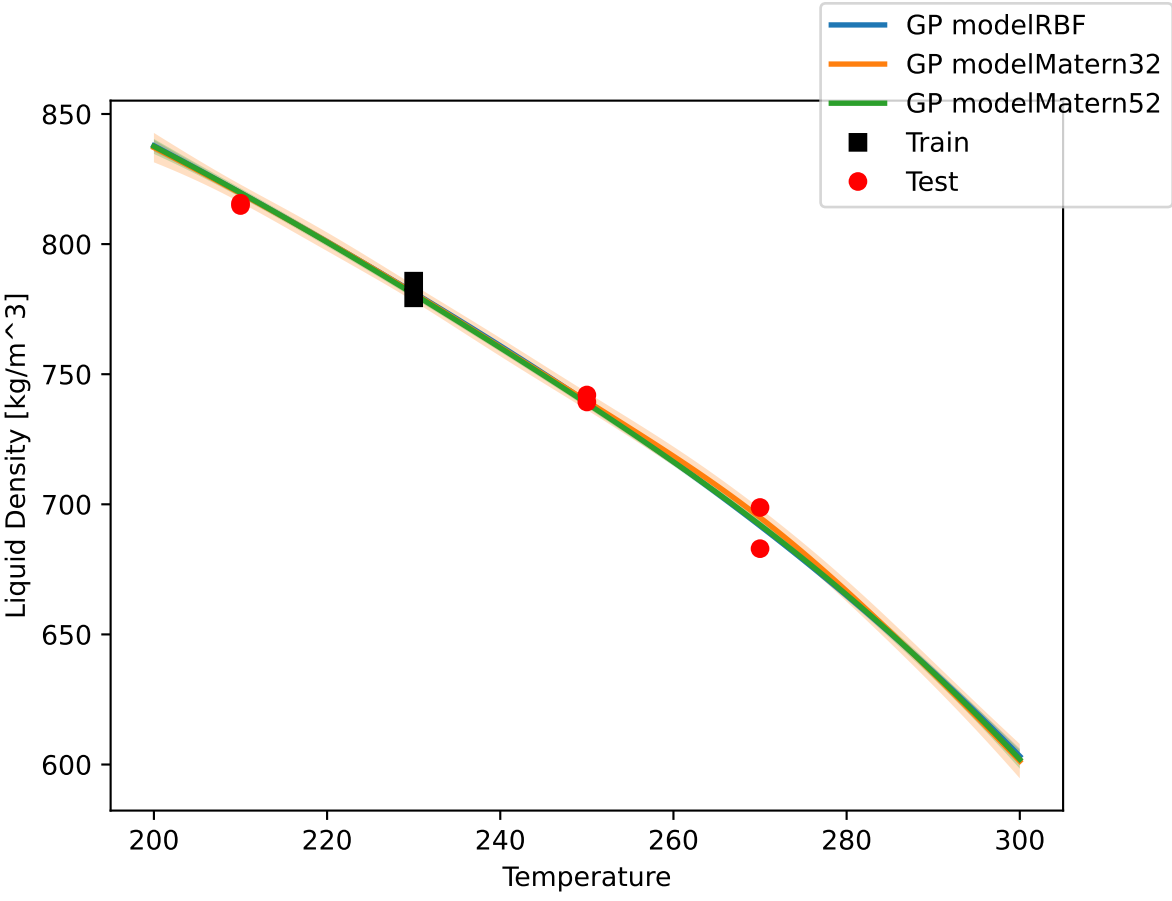

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
1400
1200
1000
800
600
400
200
200
220
240
260
280
300
Temperature

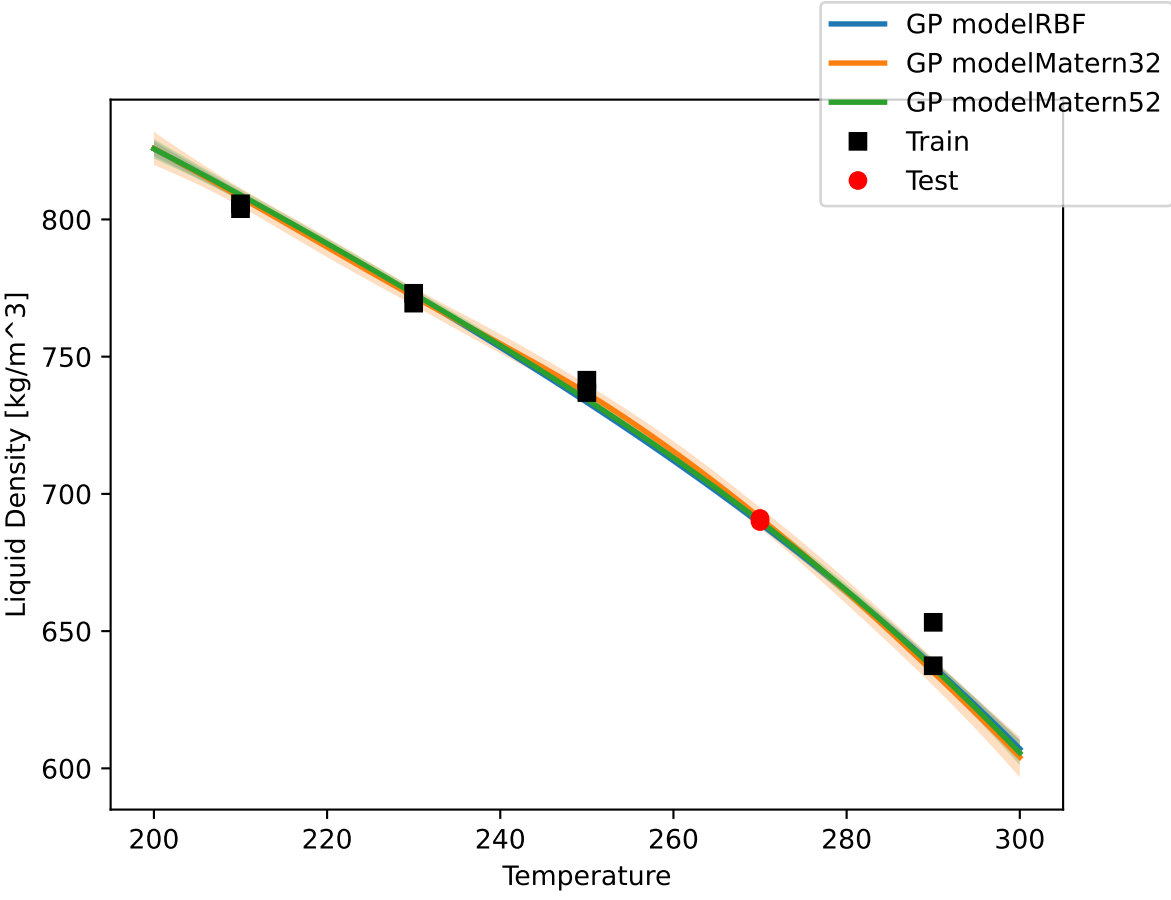

GP modelRBF
GP modelMatern32
GP modelMatern52
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

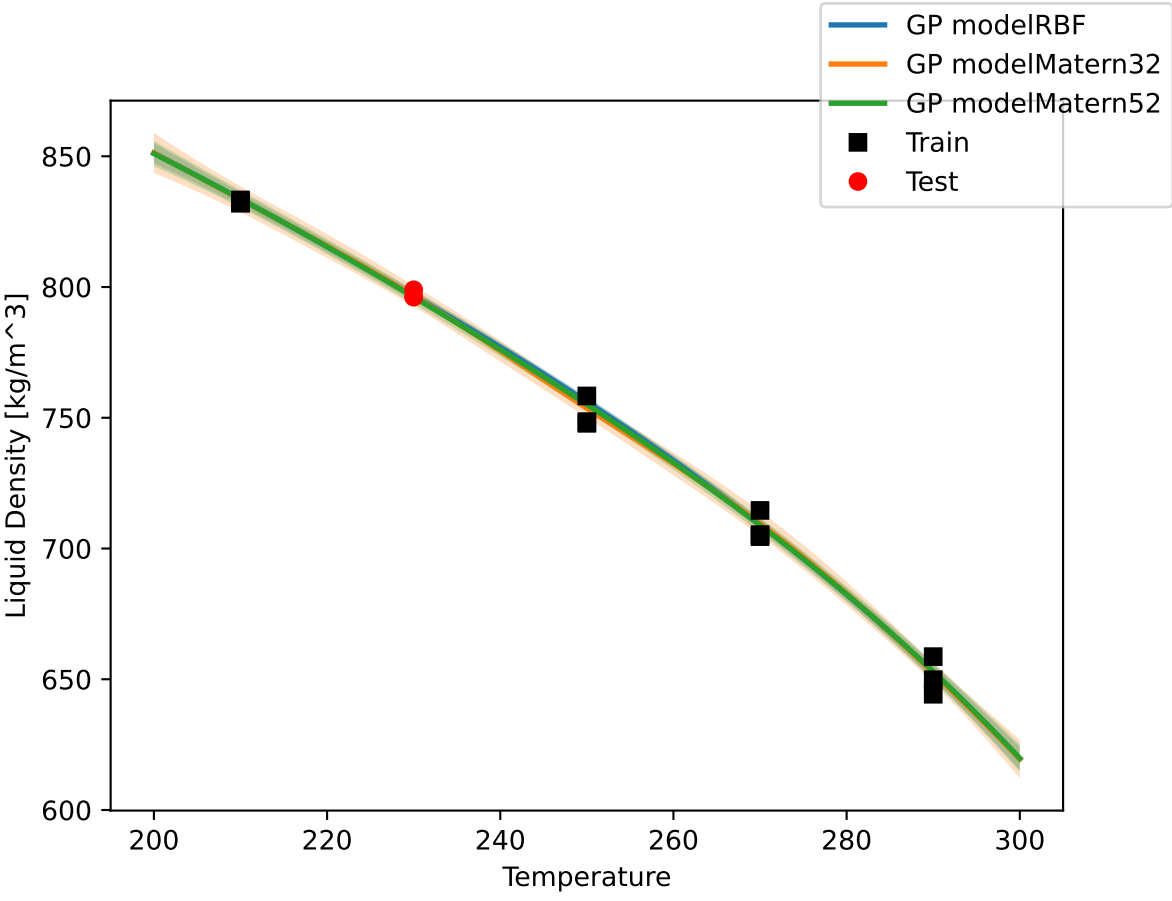

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

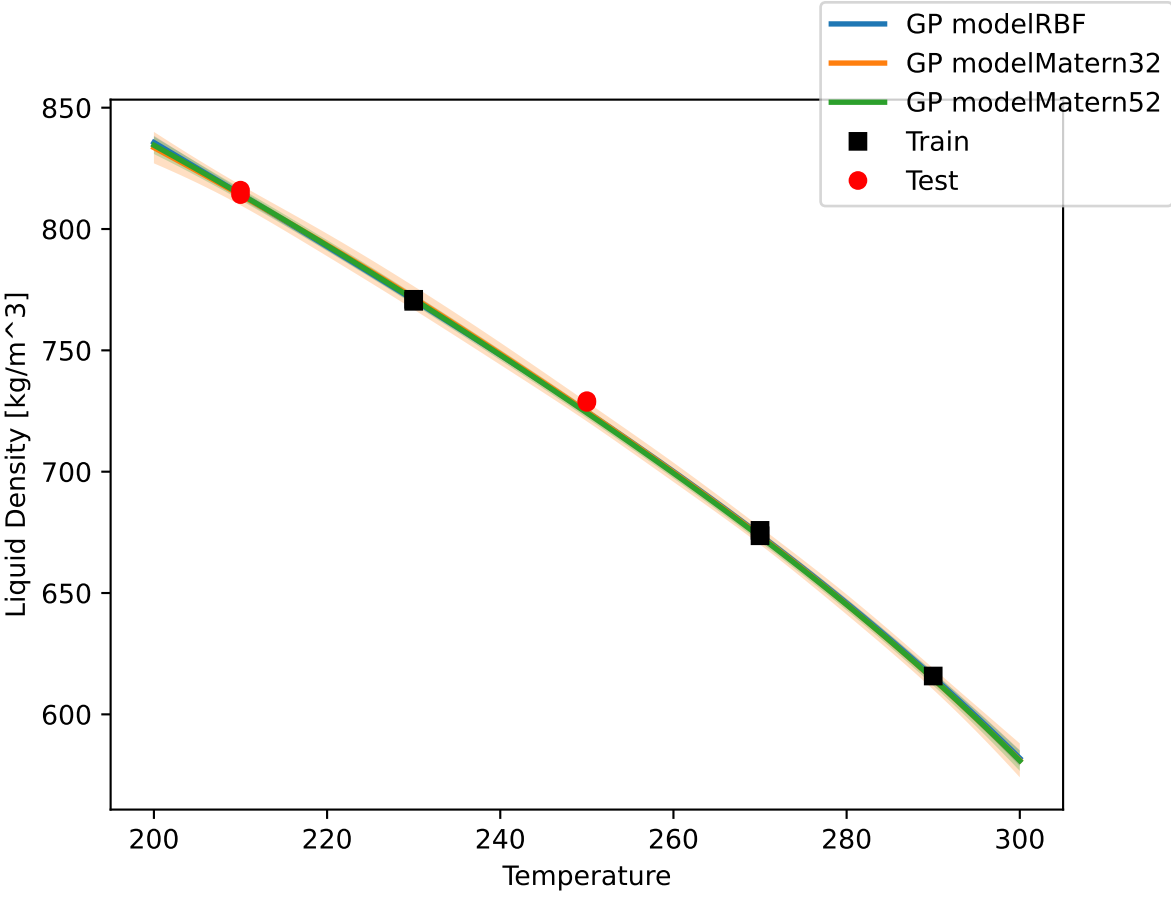

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

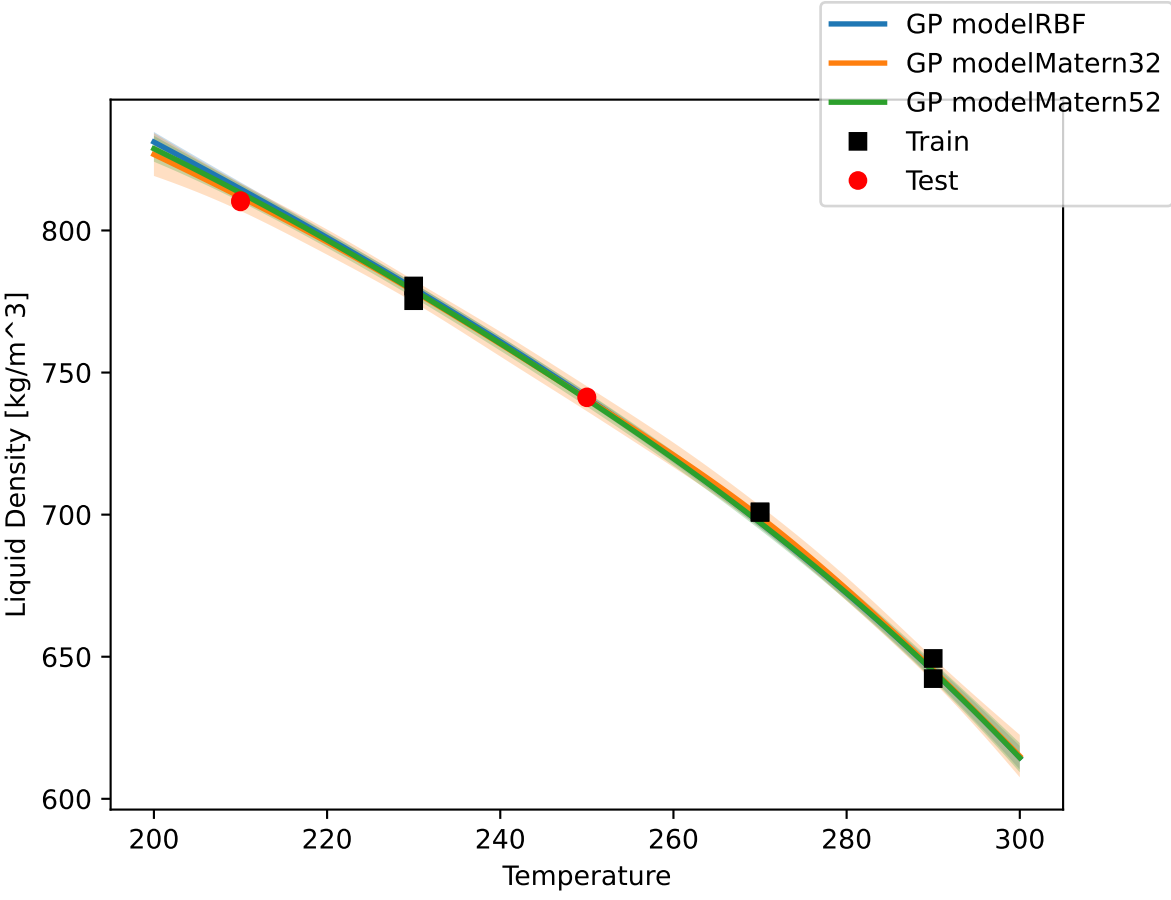

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

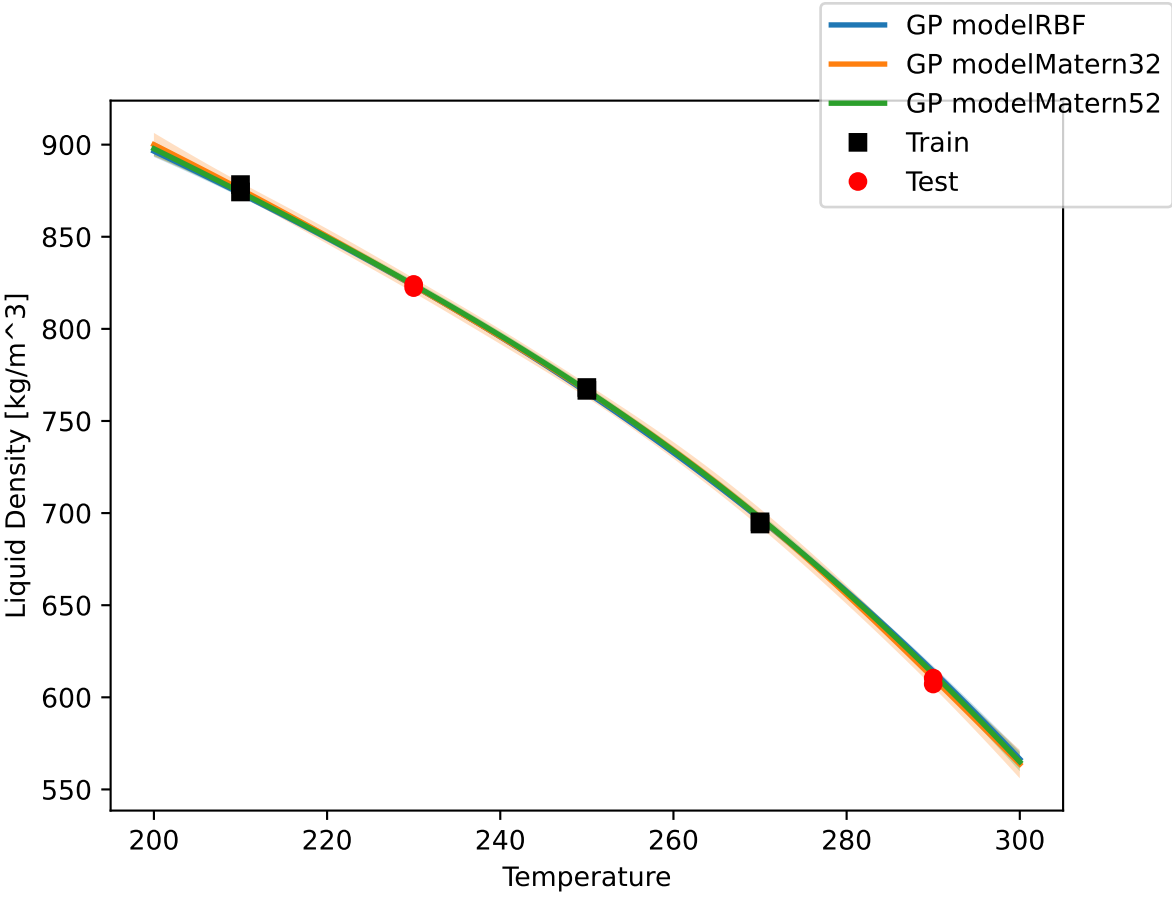

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

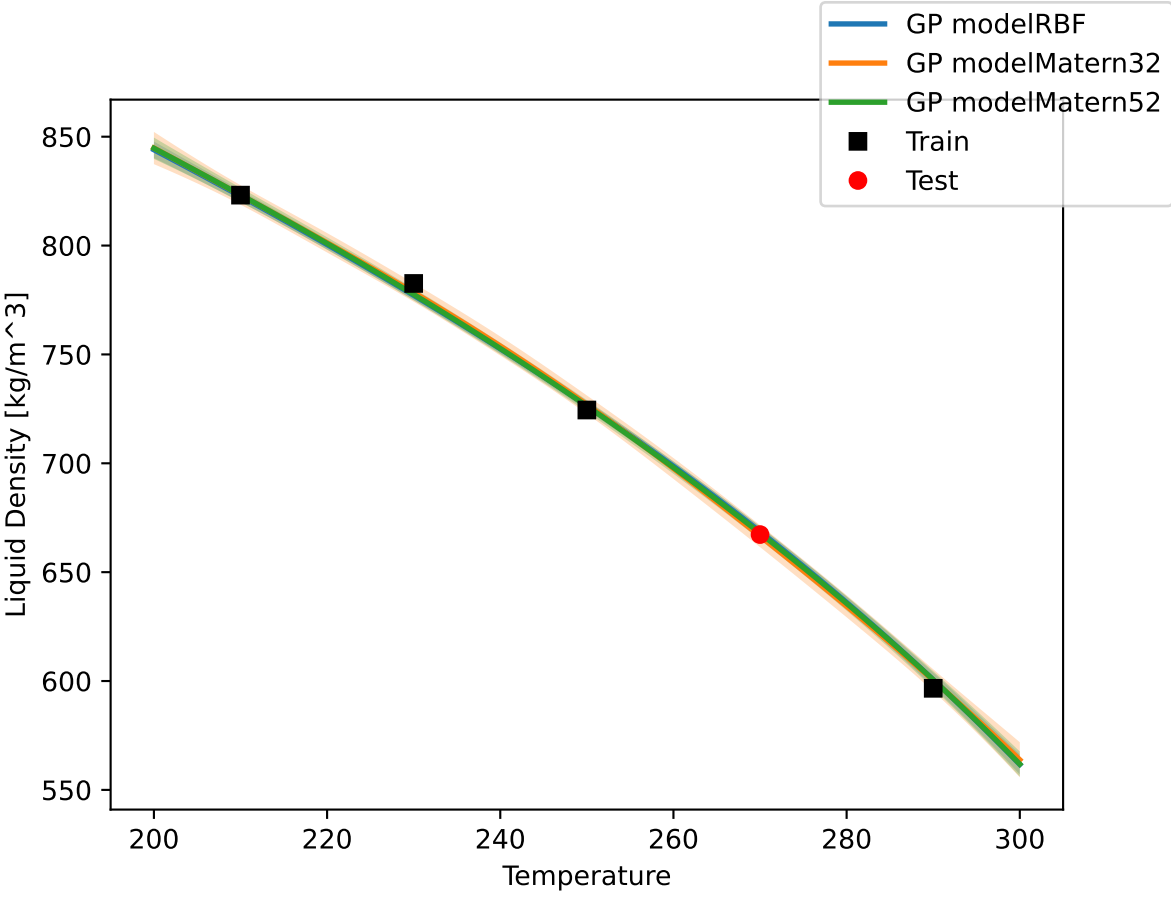

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

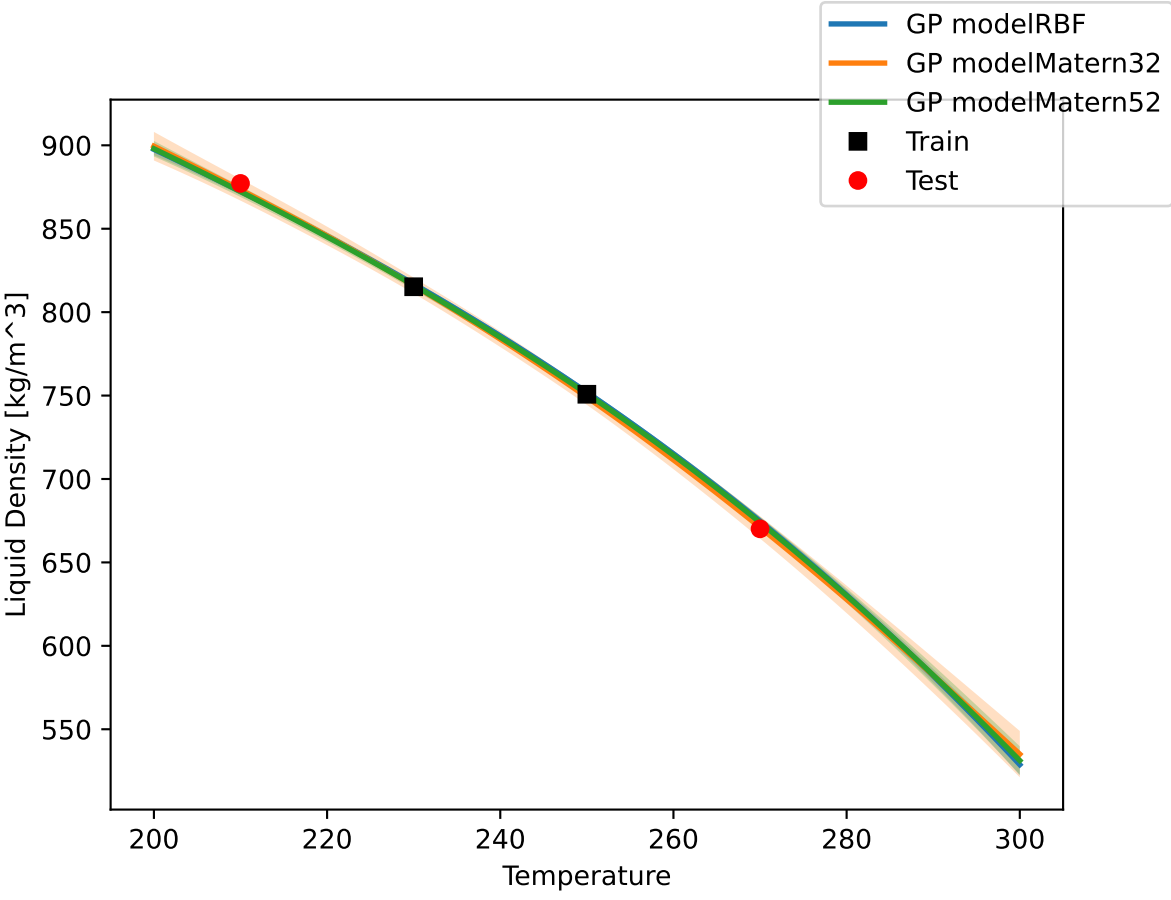

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

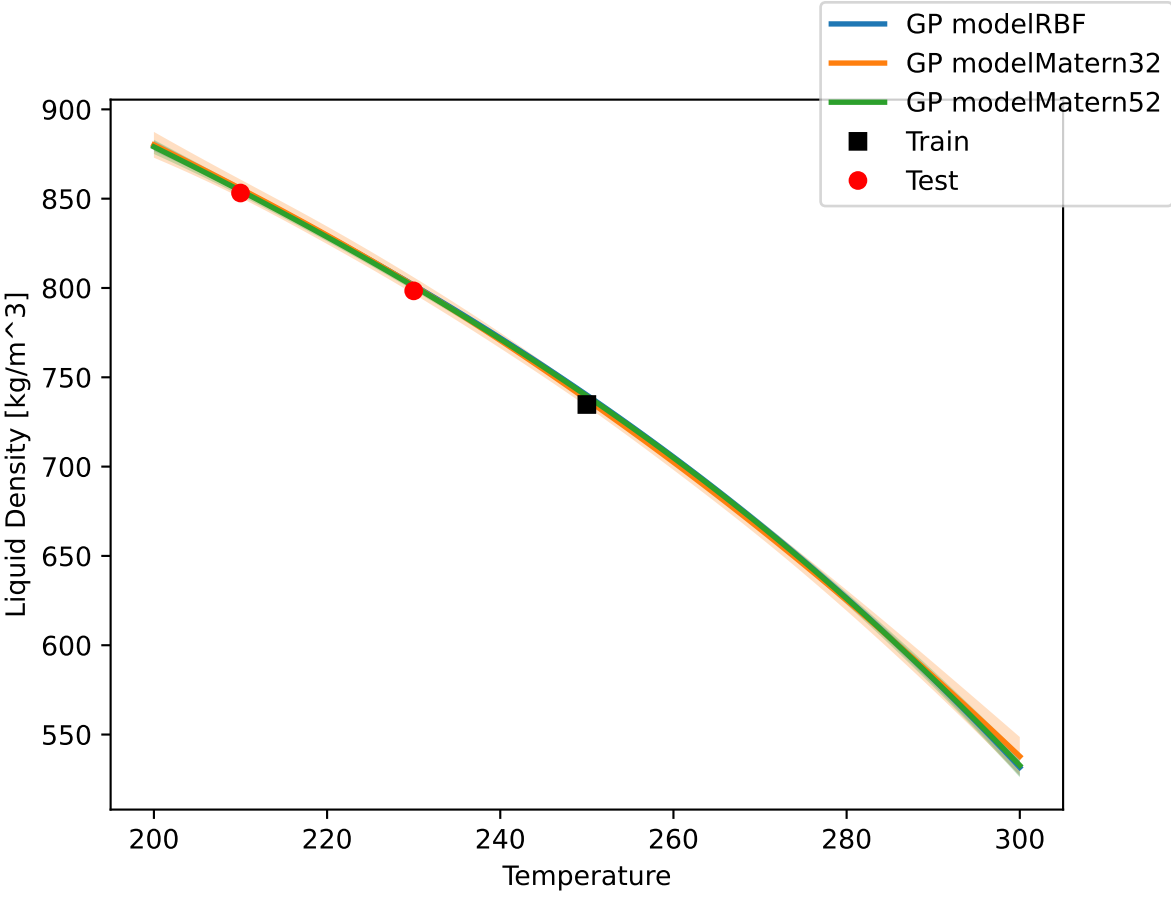

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

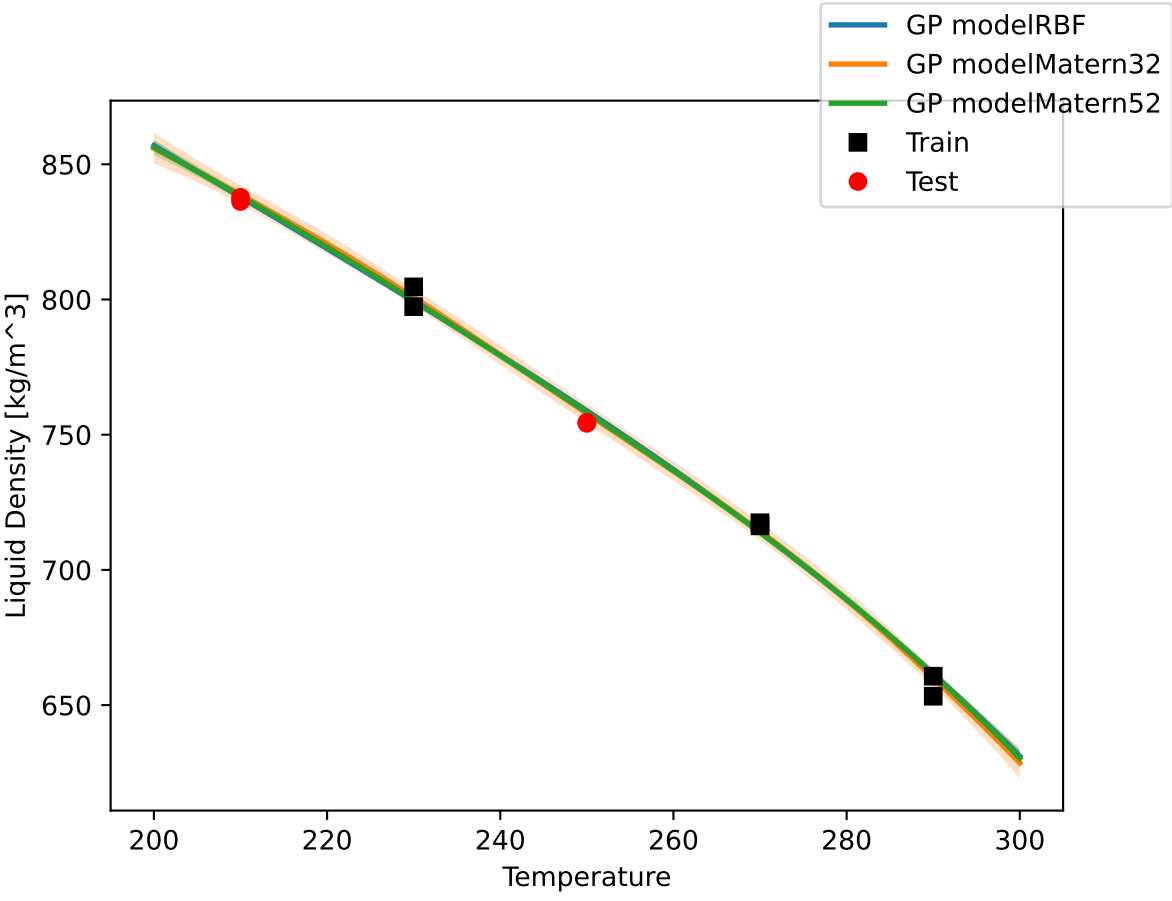

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

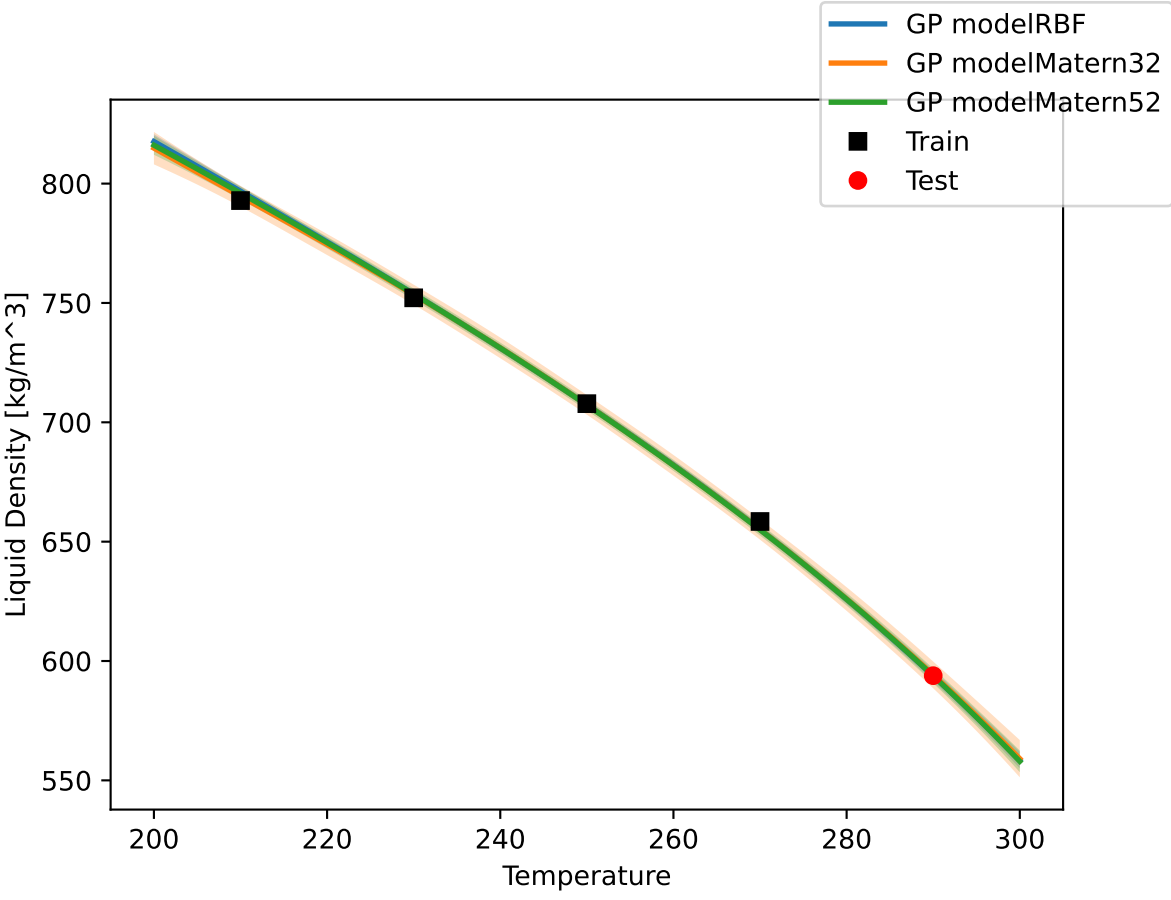

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

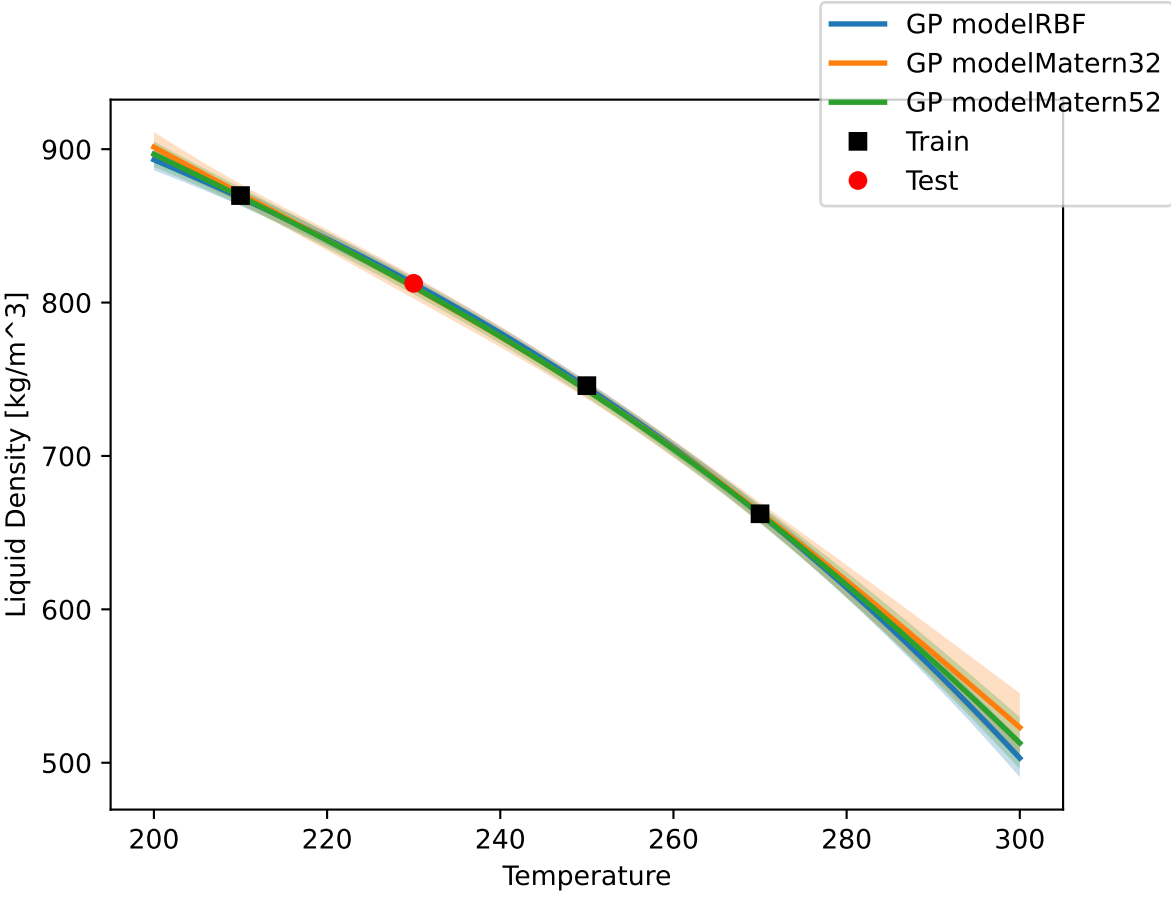

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

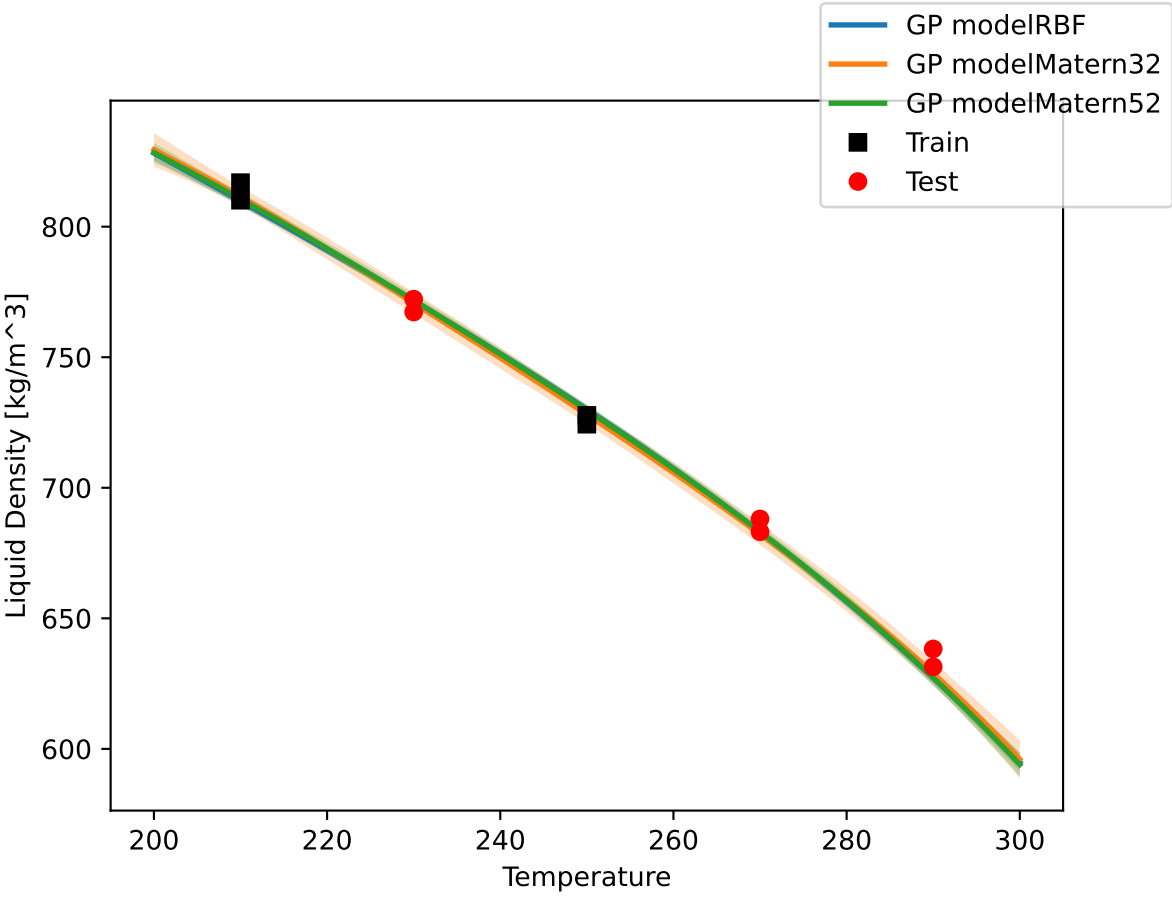

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

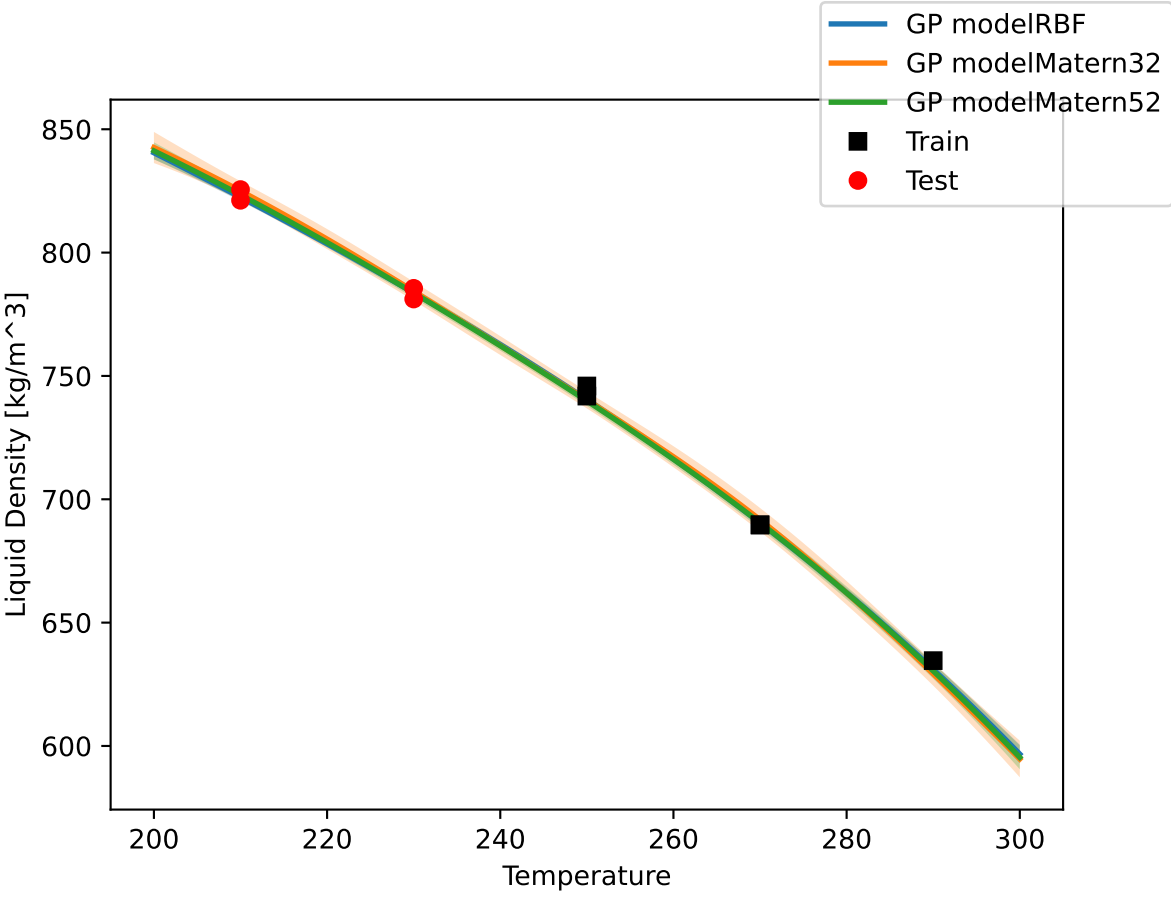

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

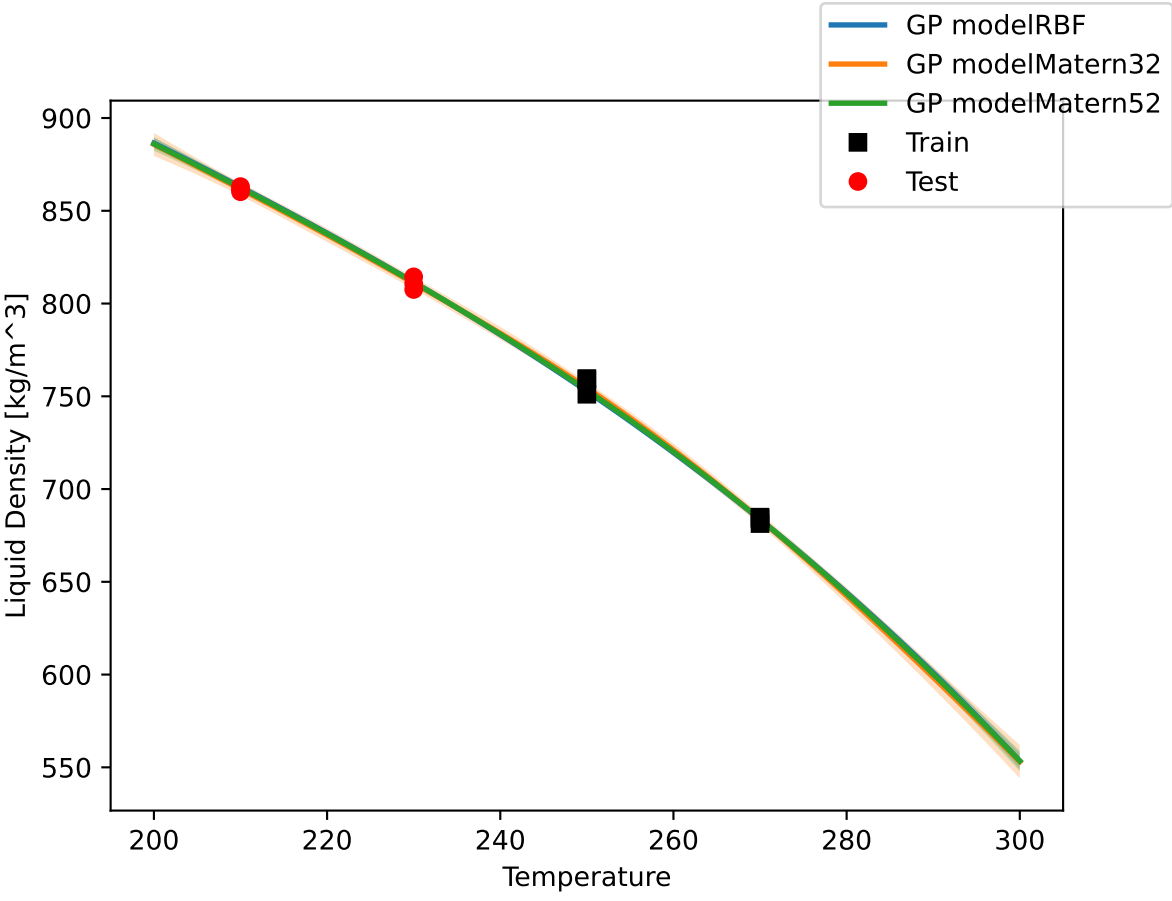

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

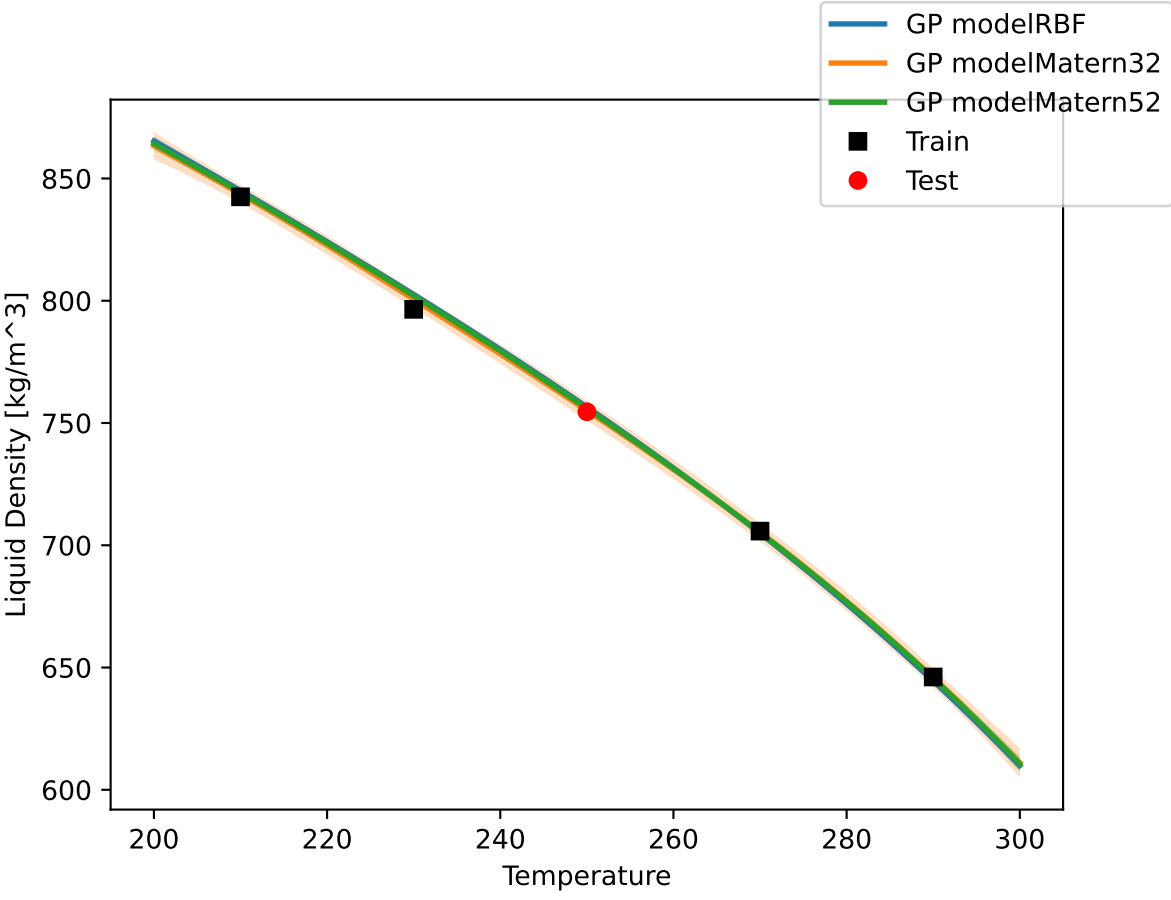

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

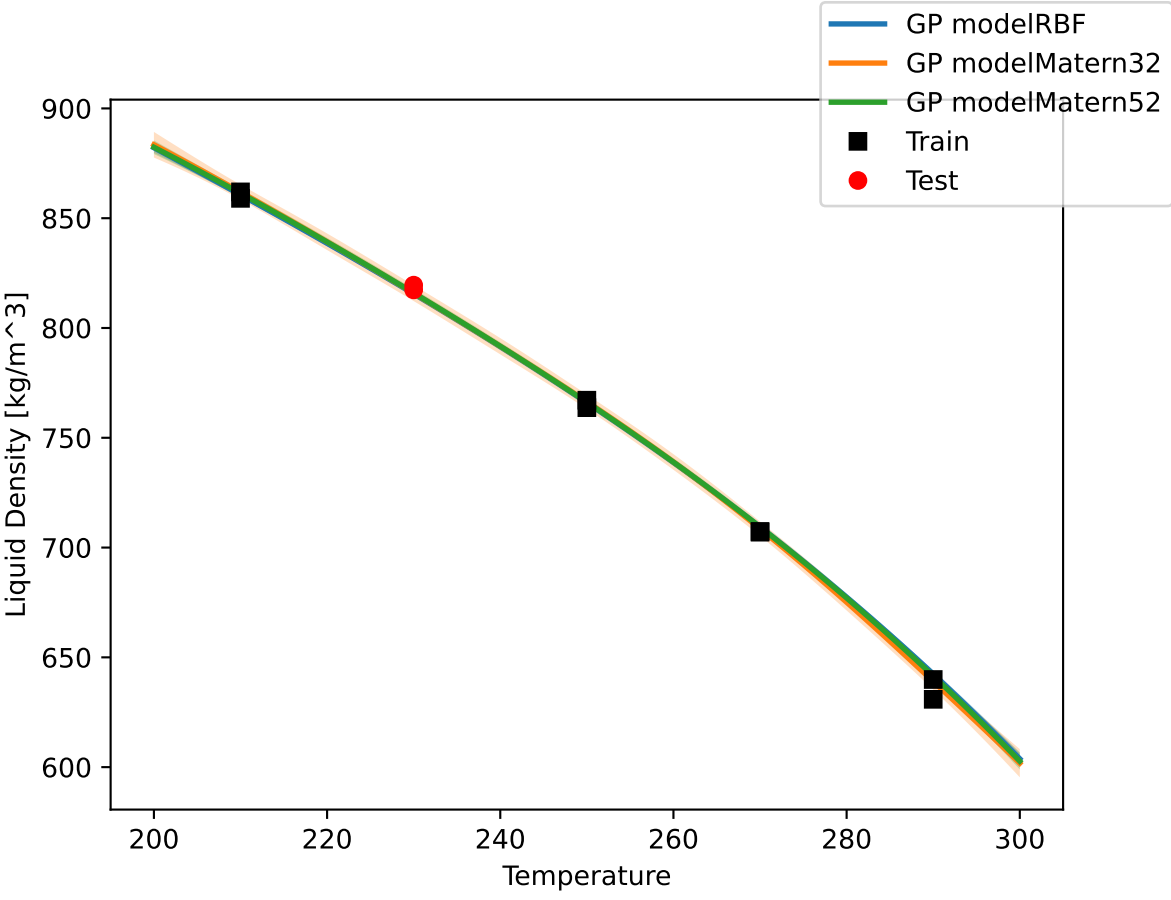

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
800
700
600
500
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

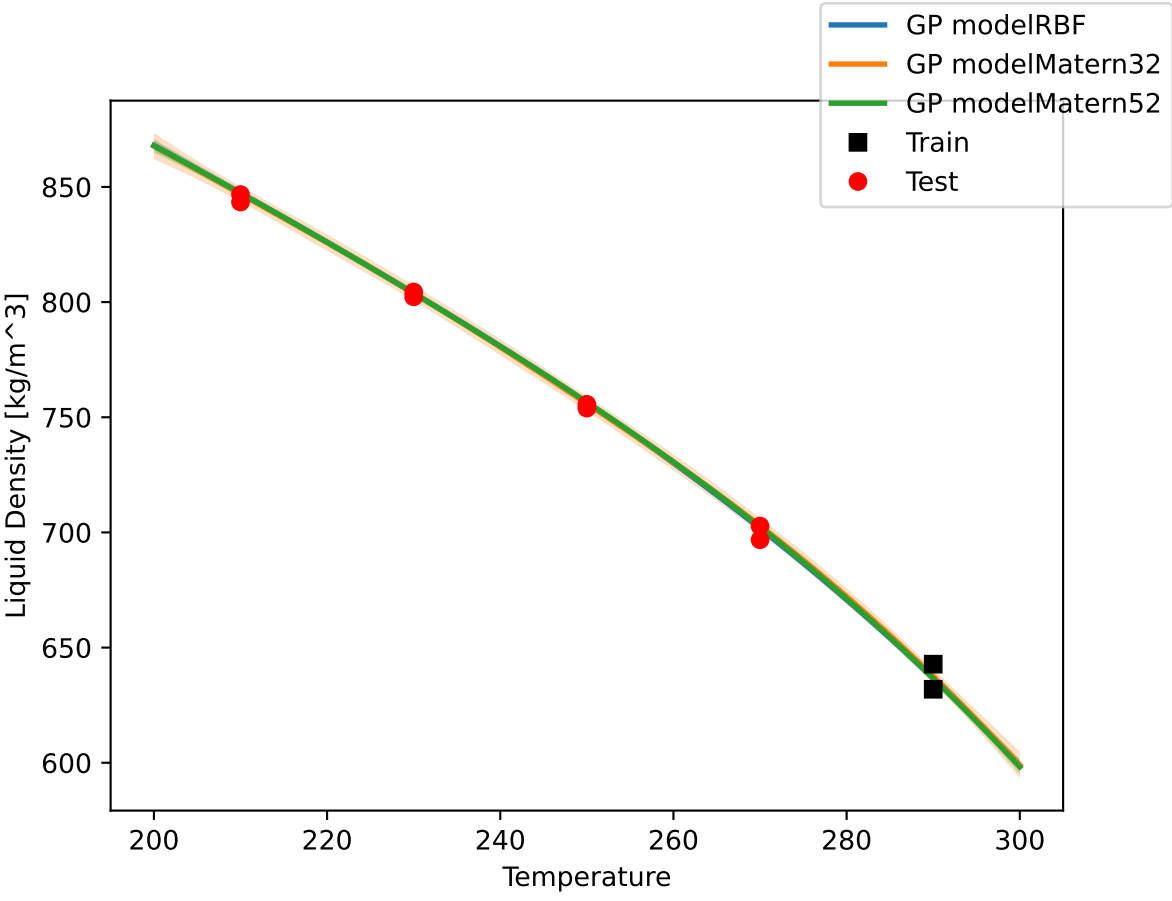

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

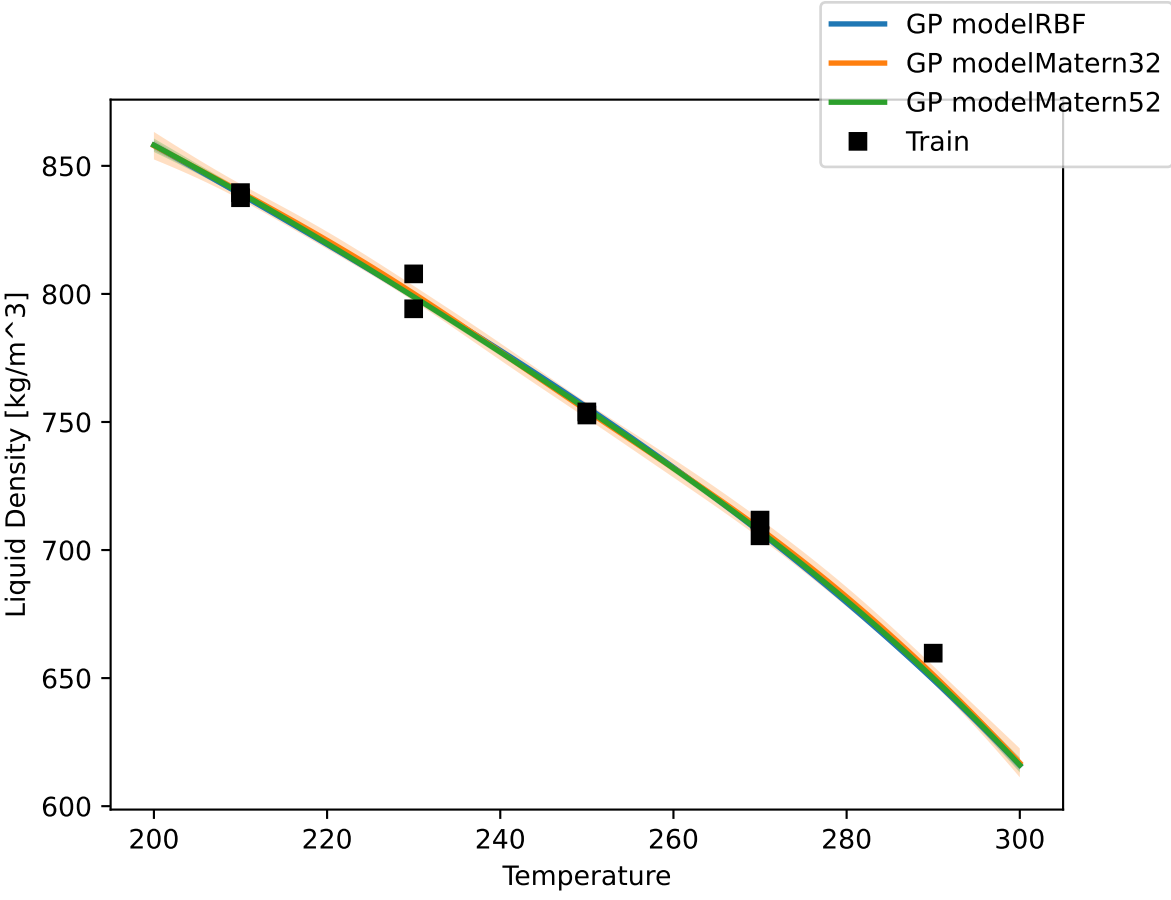

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

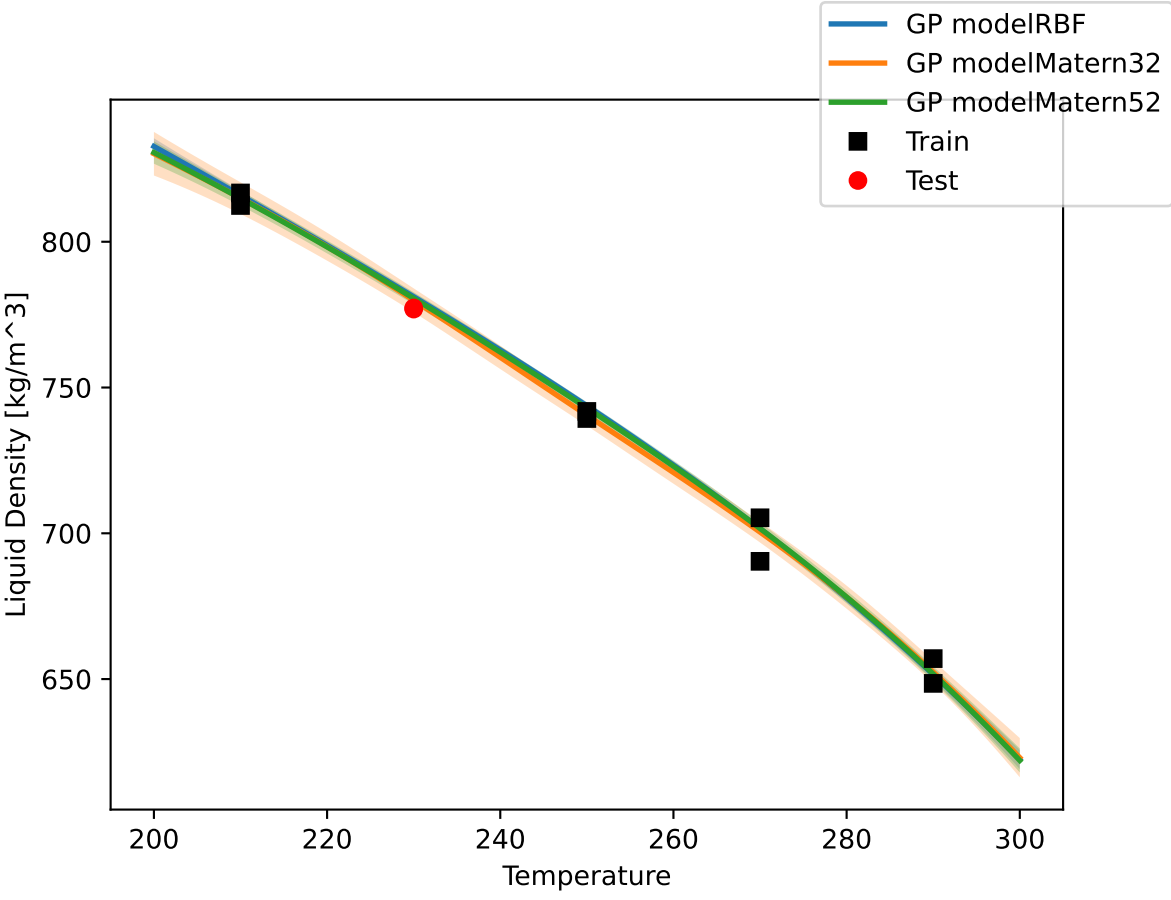

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

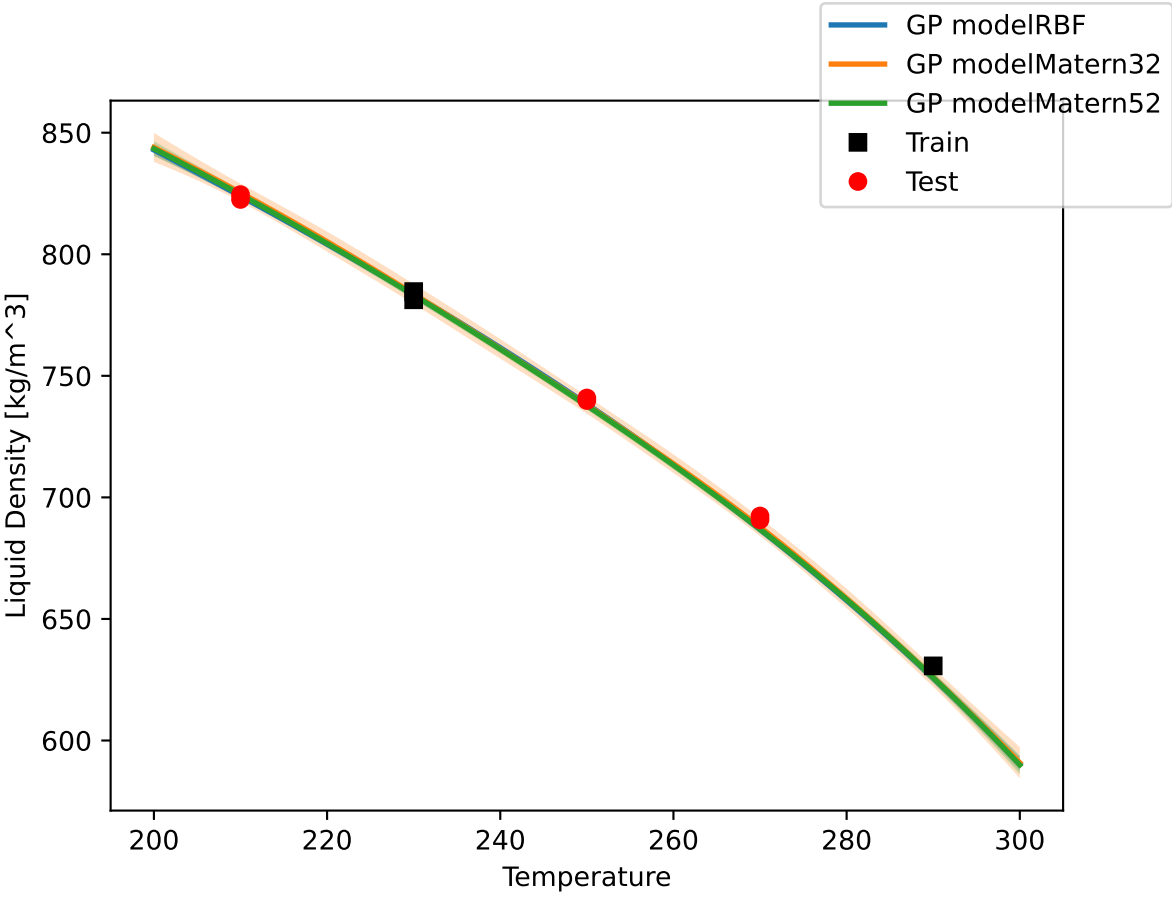

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

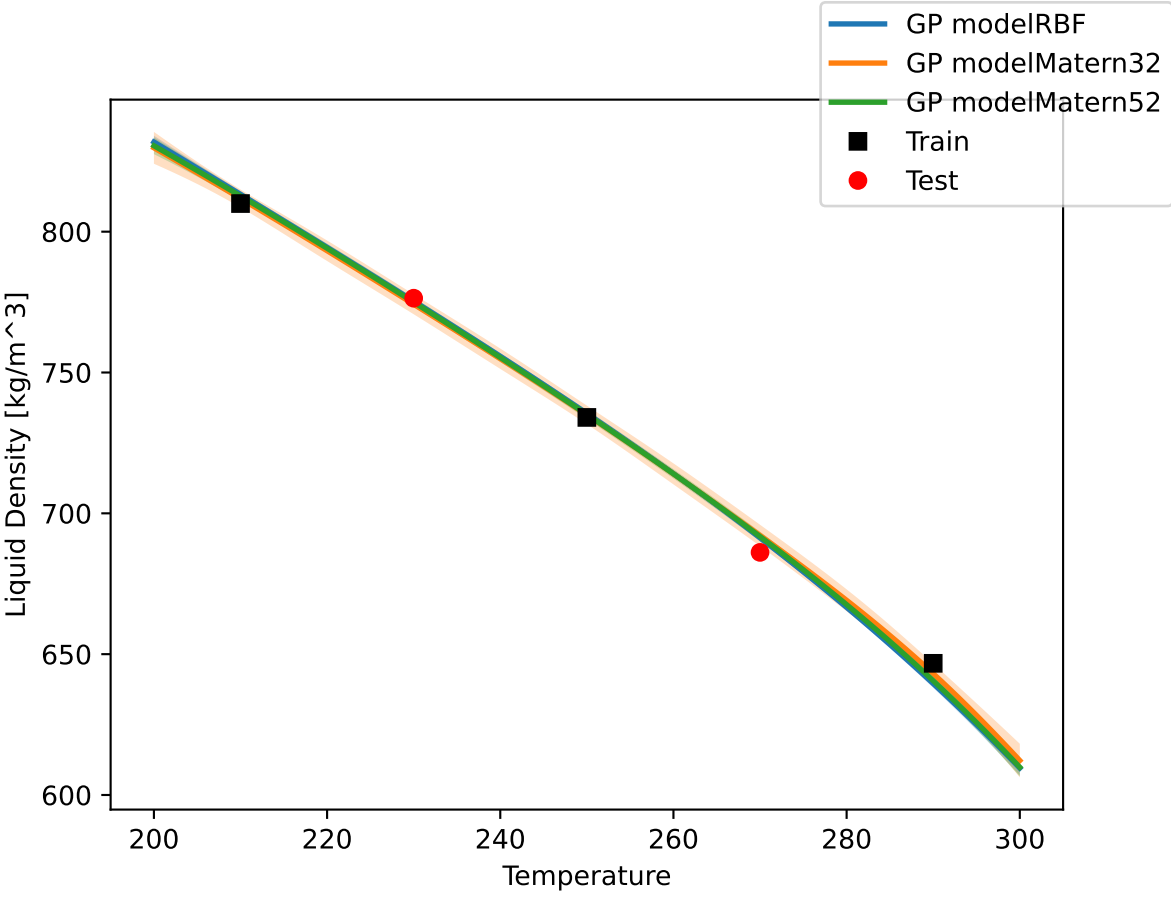

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

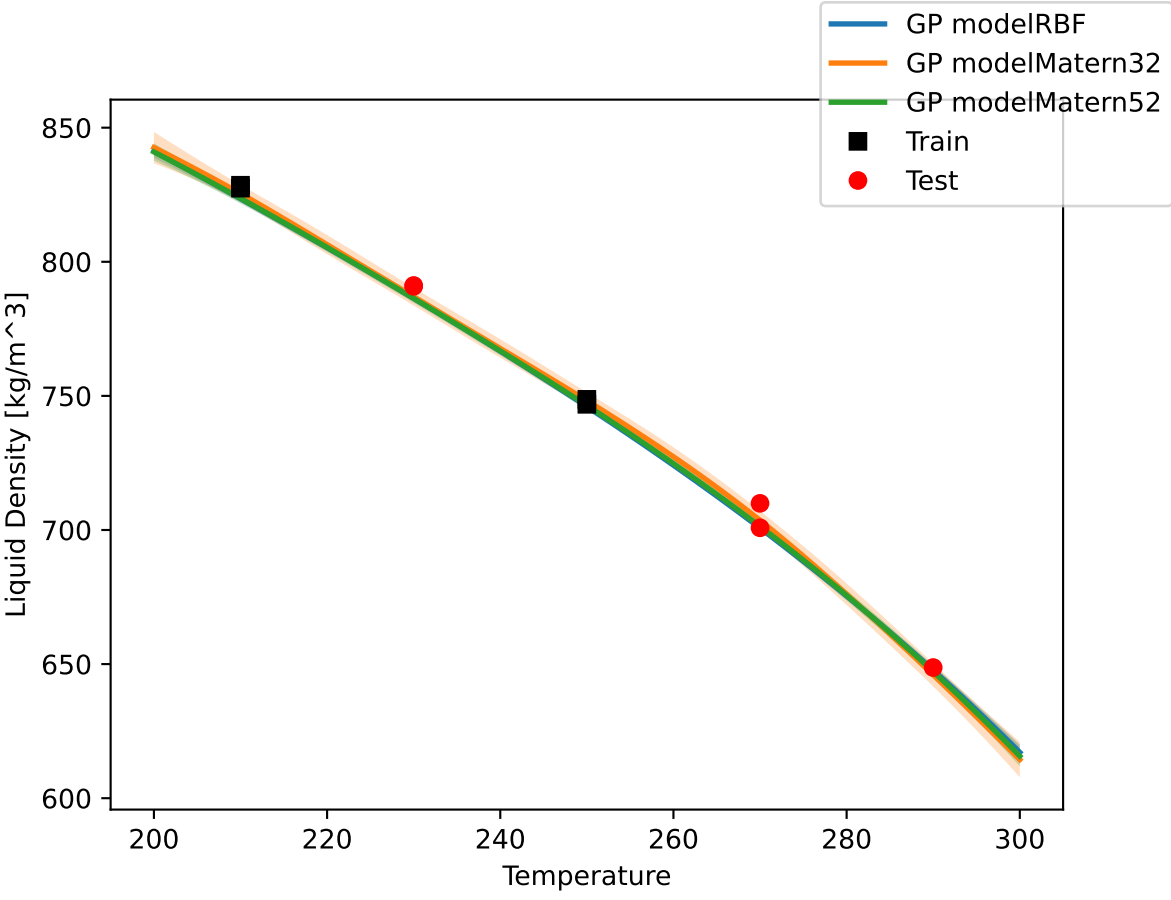

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

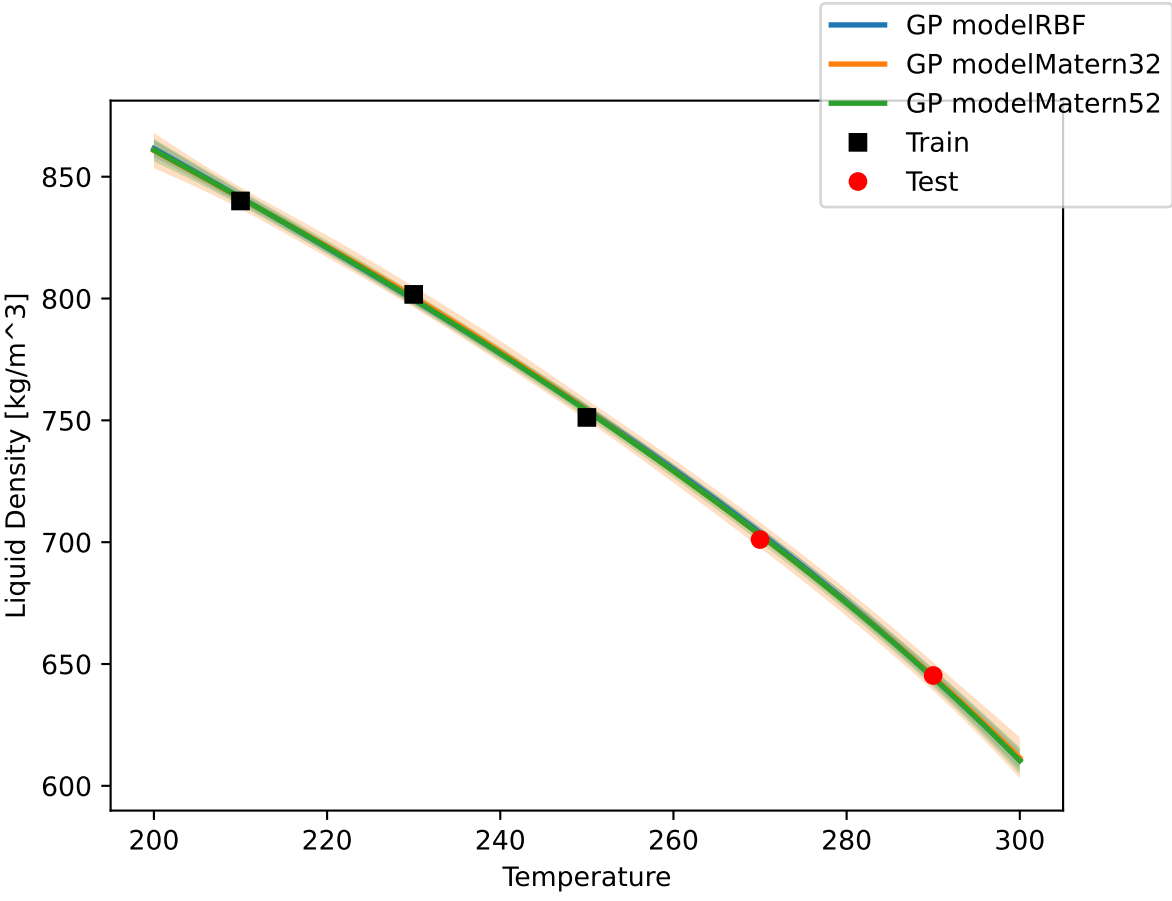

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

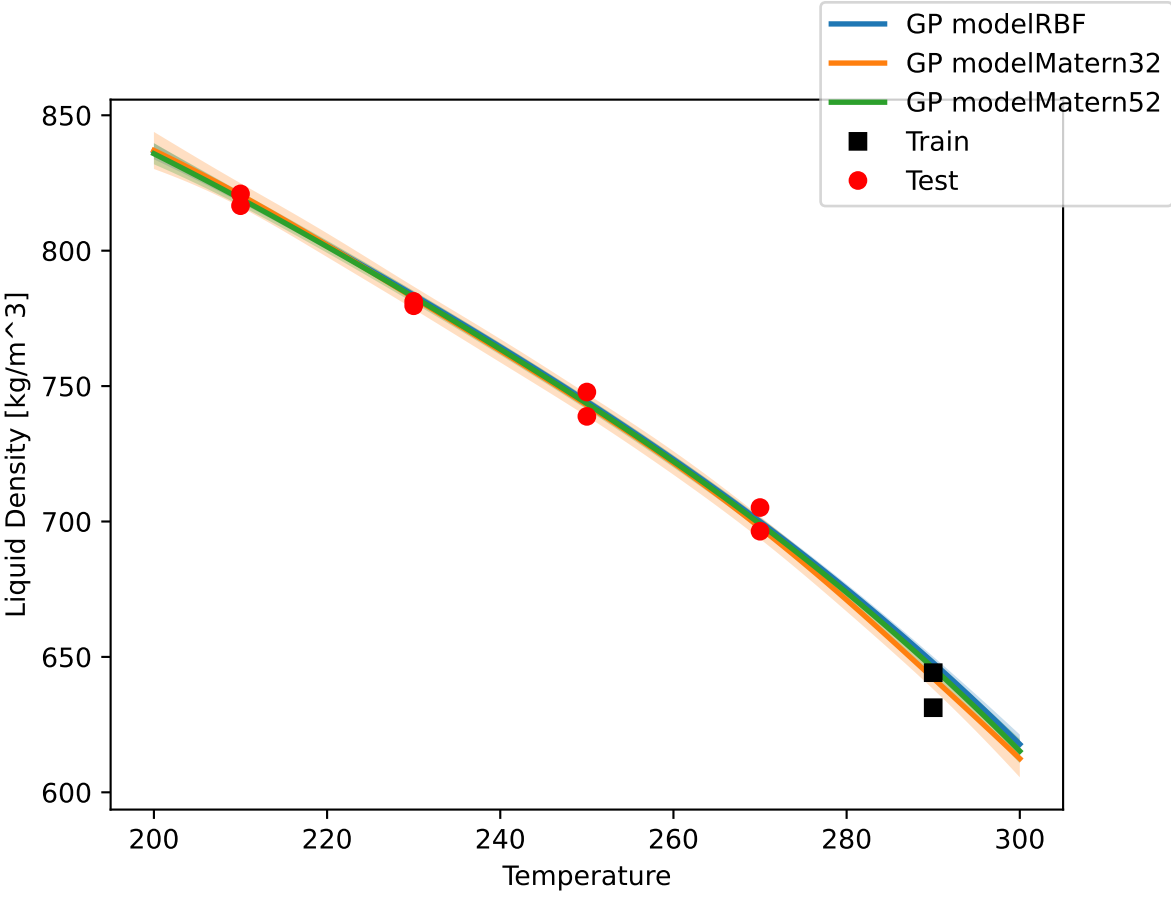

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
200
220
240
260
280
300
Temperature

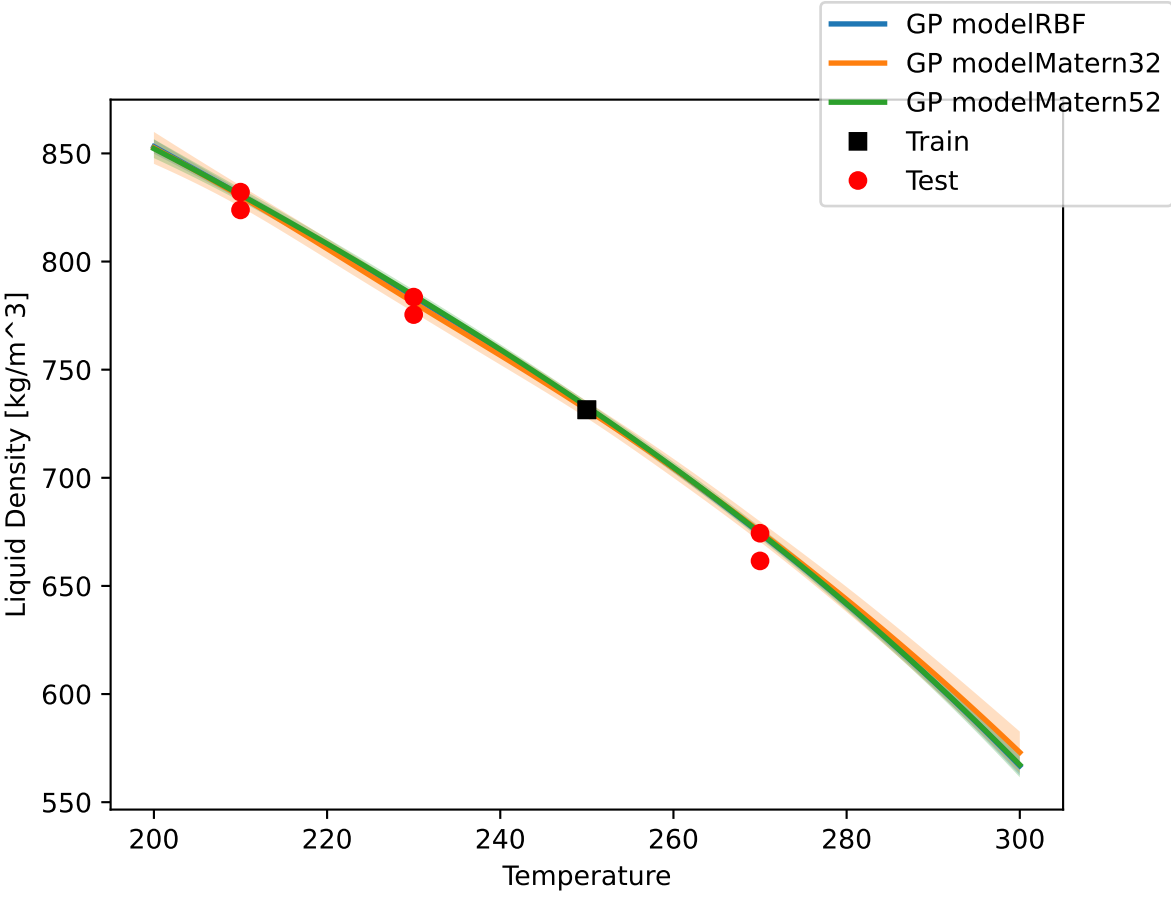

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

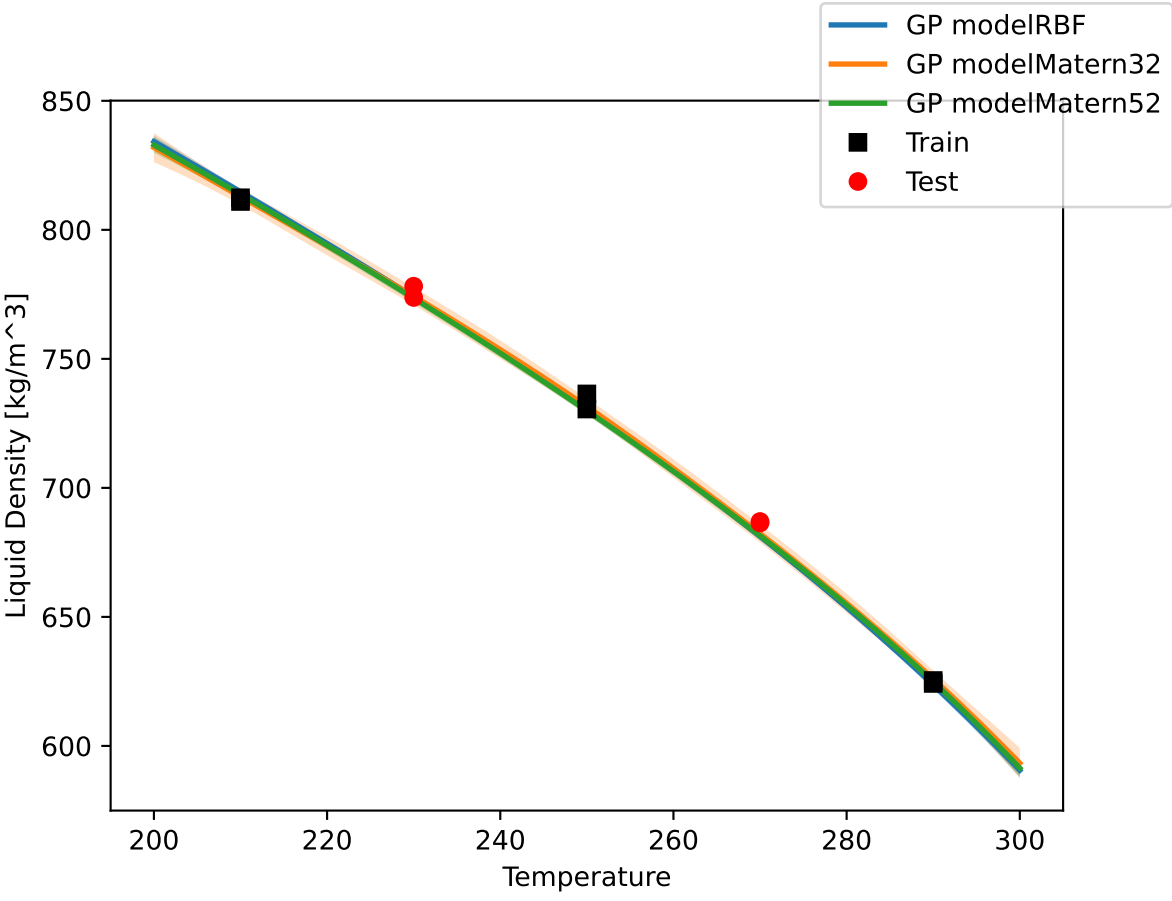

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

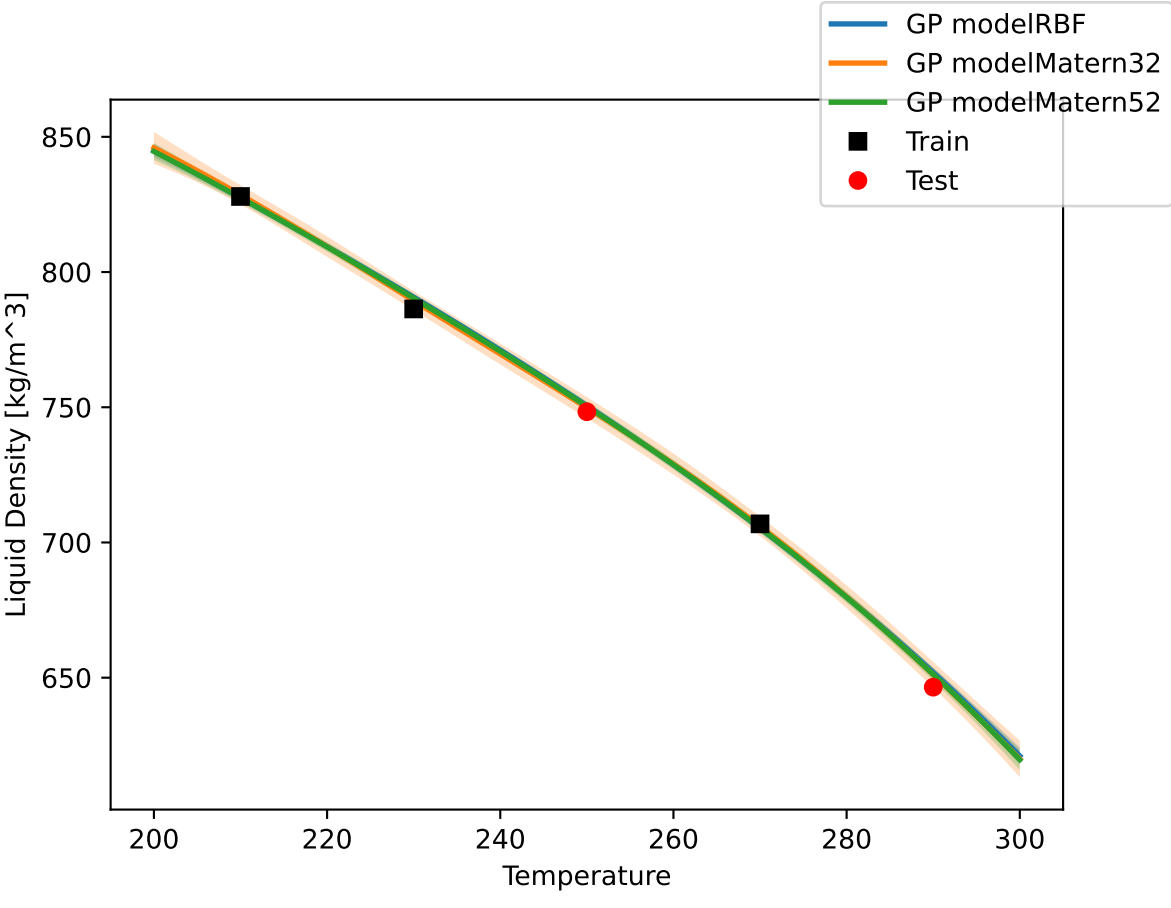

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

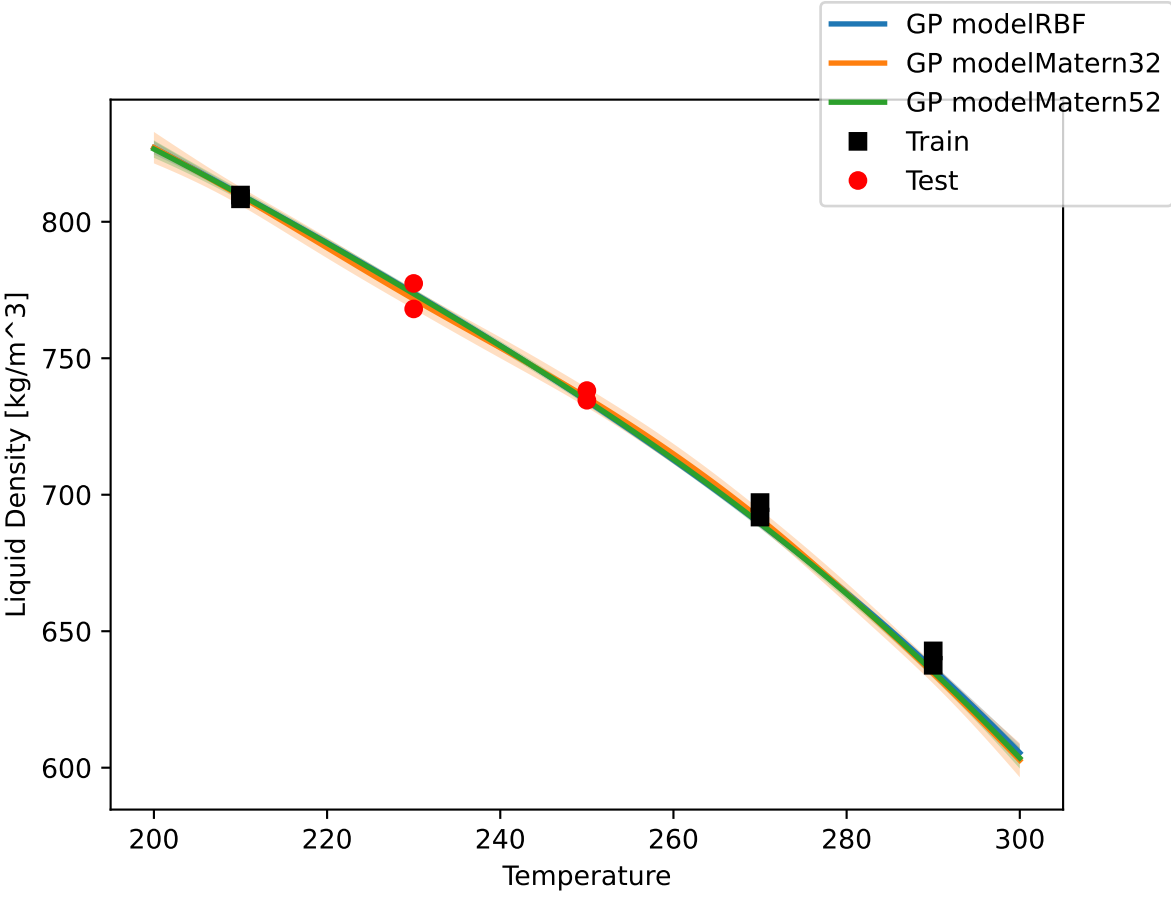

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

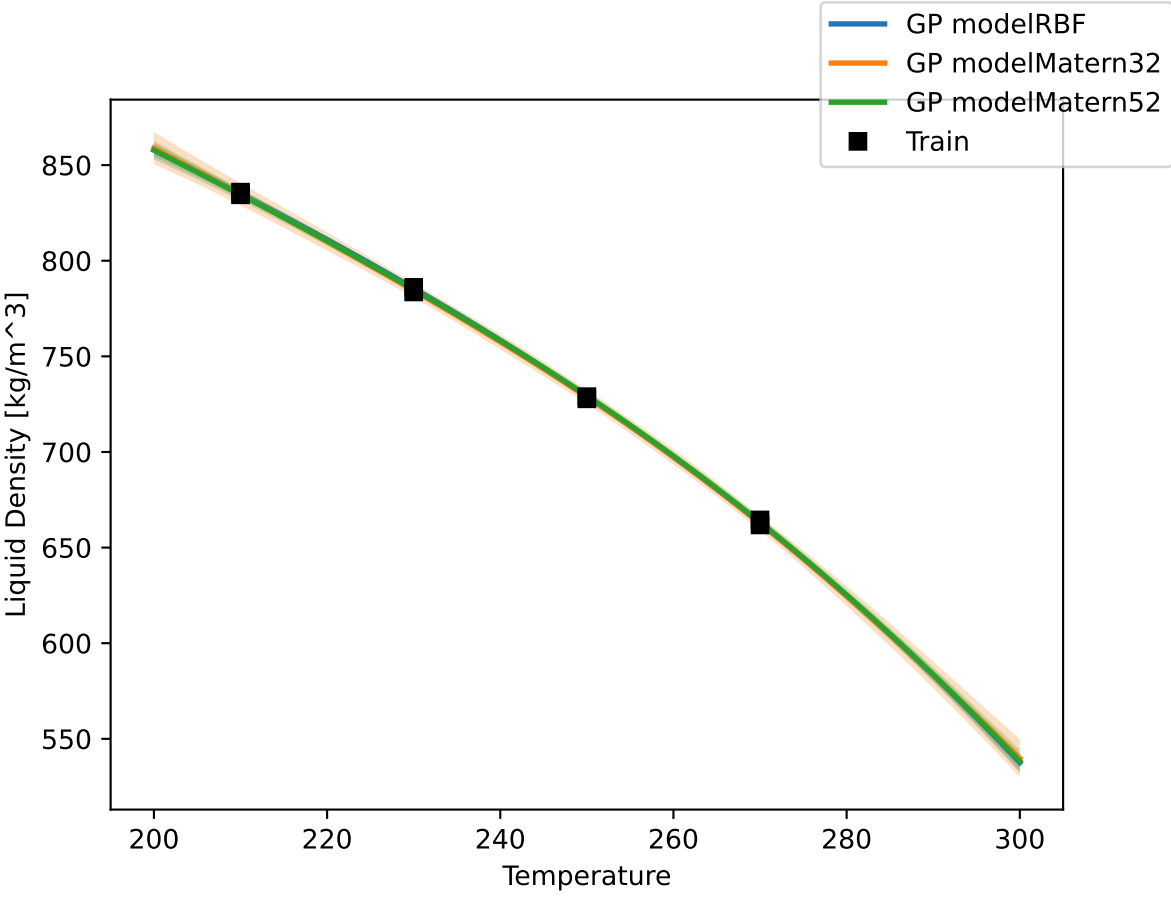

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

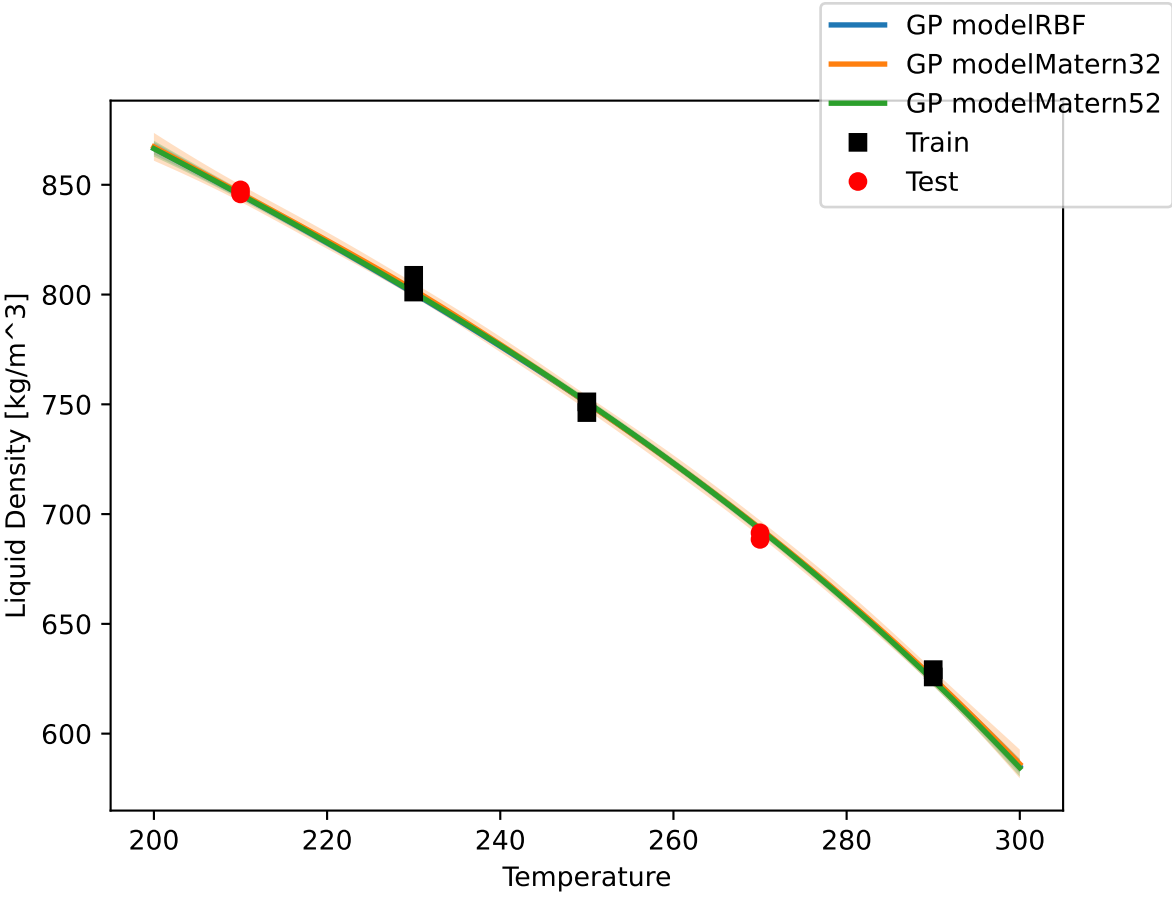

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

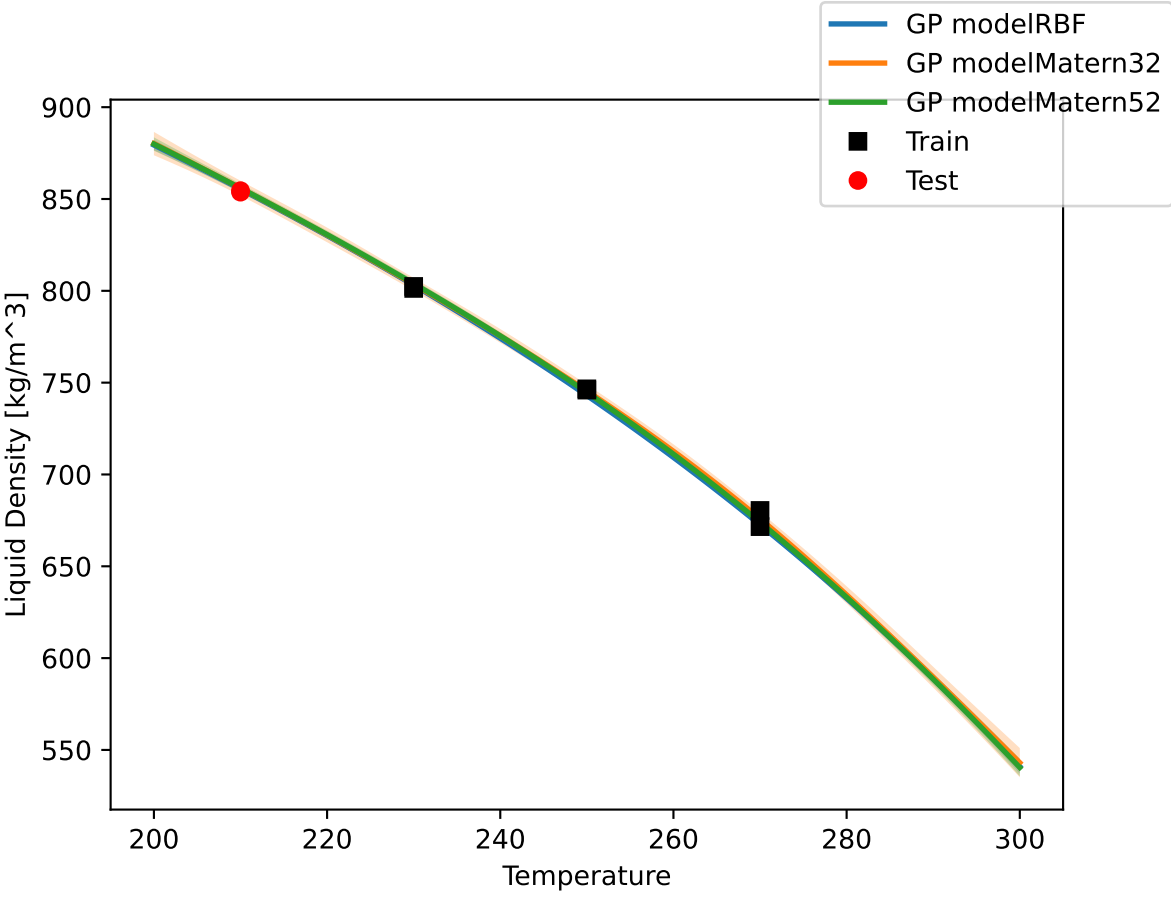

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

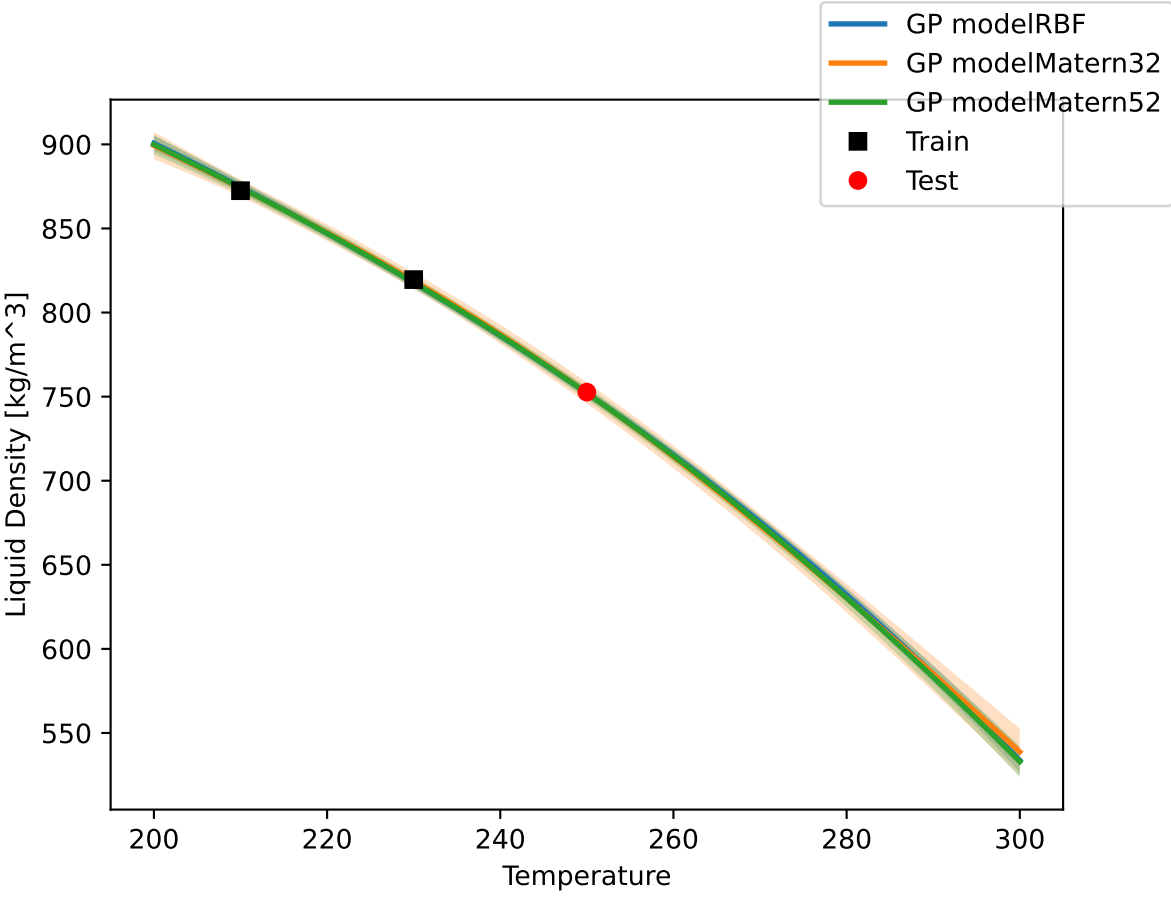

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

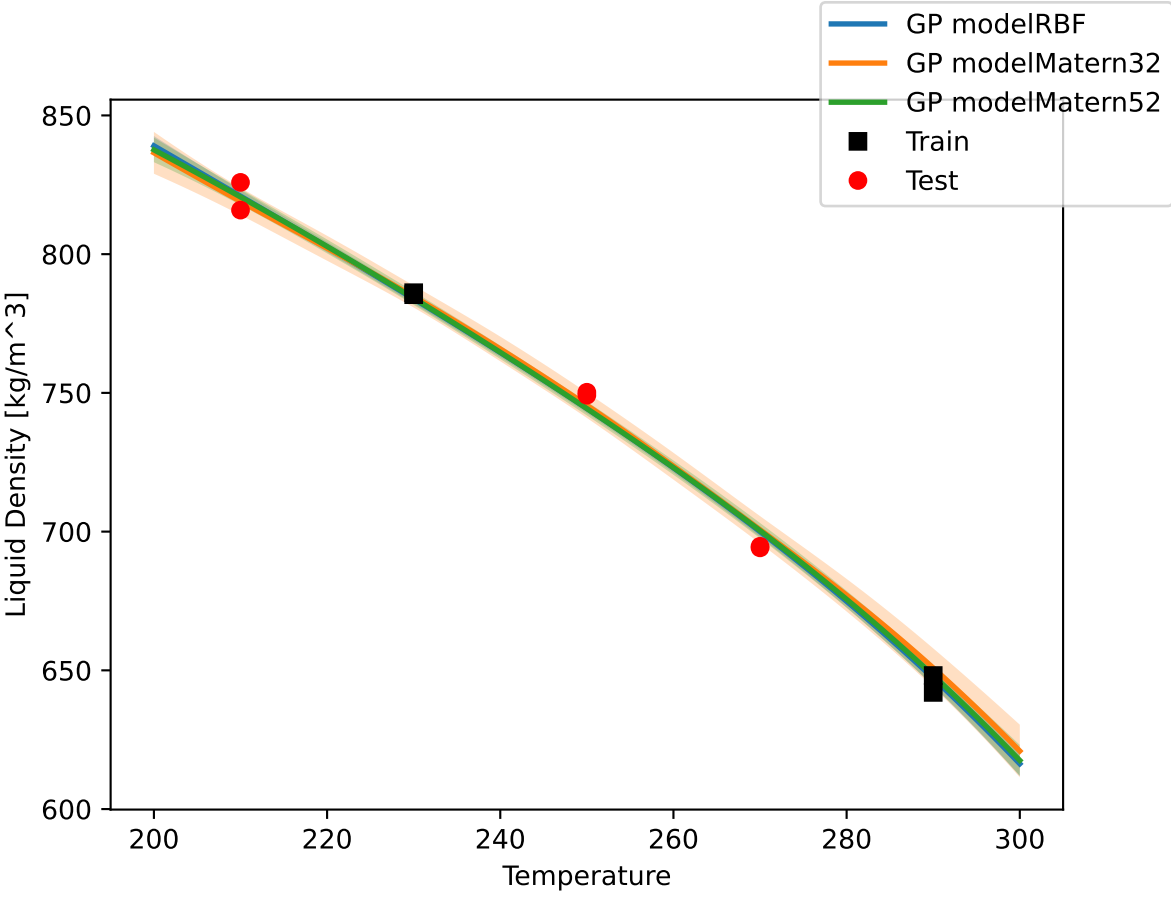

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

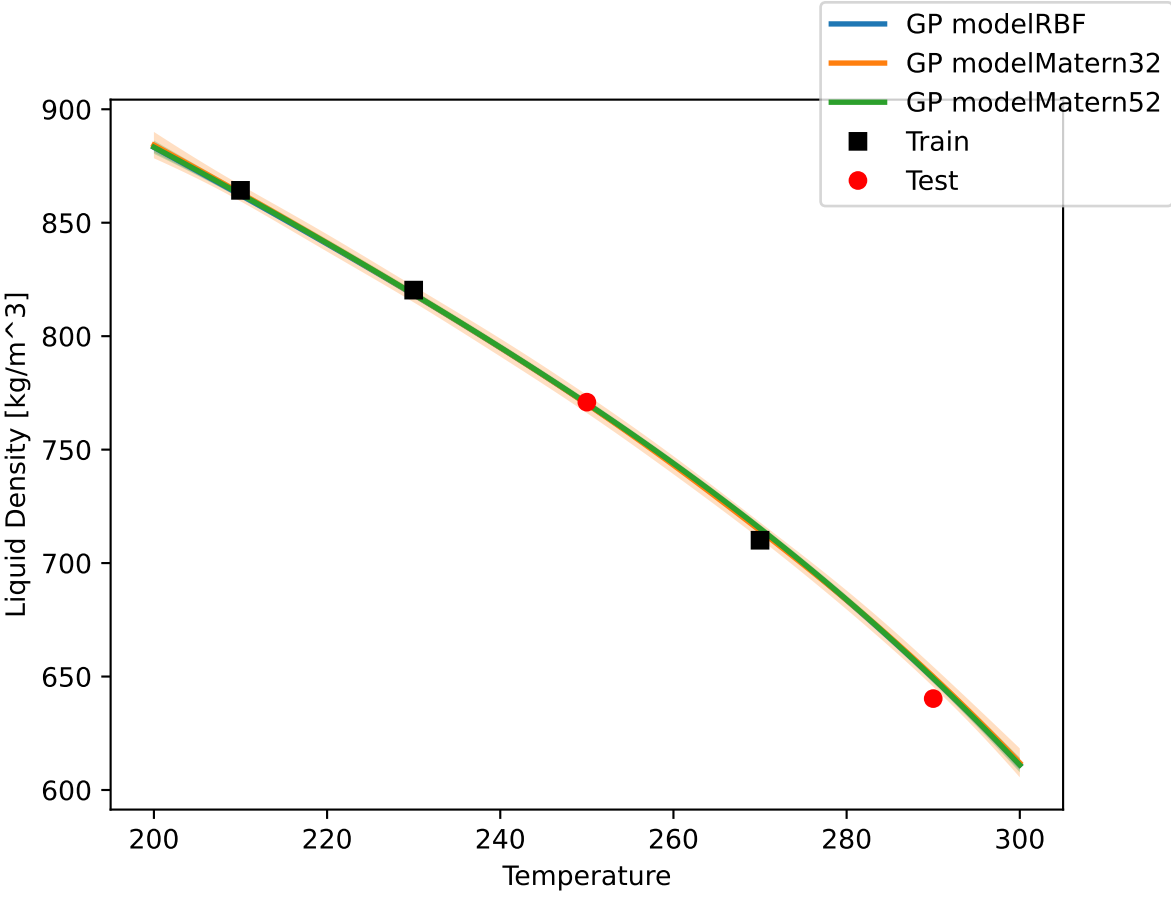

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

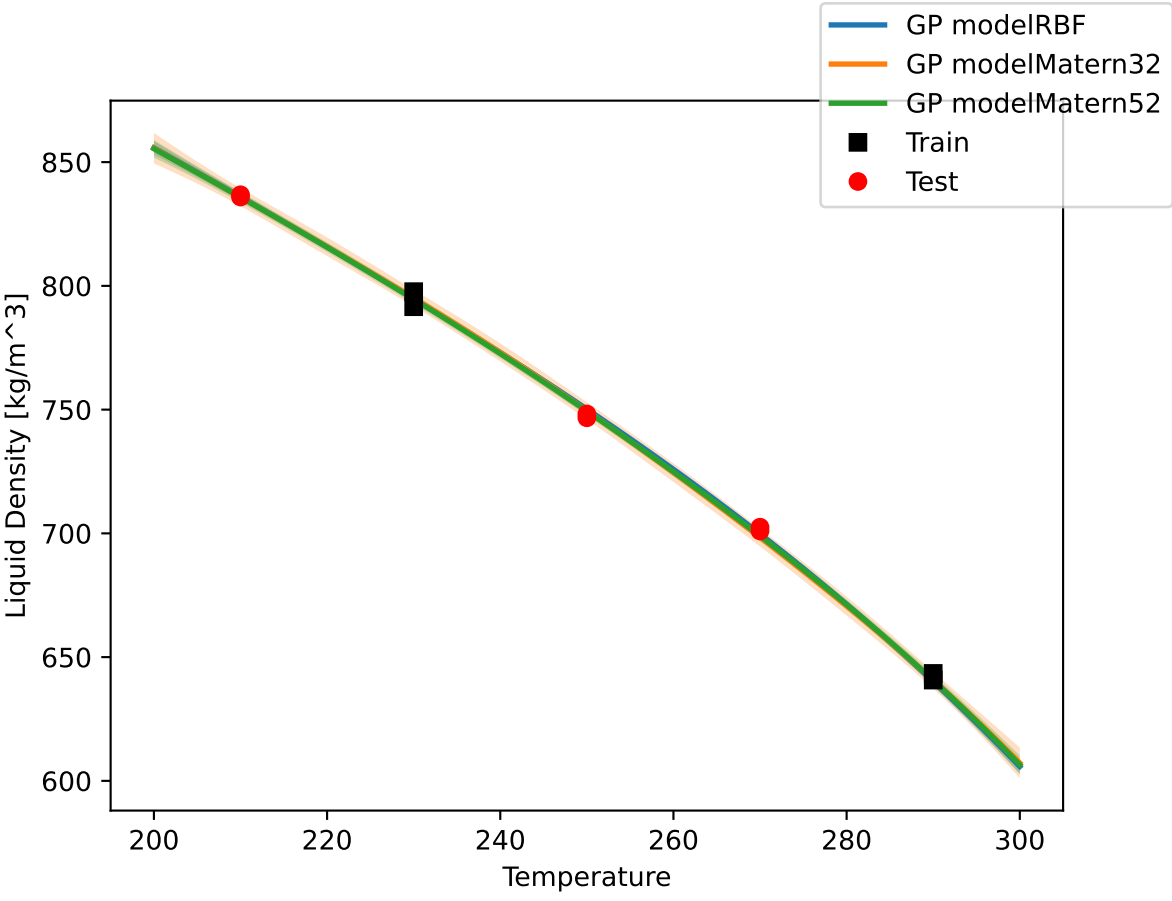

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

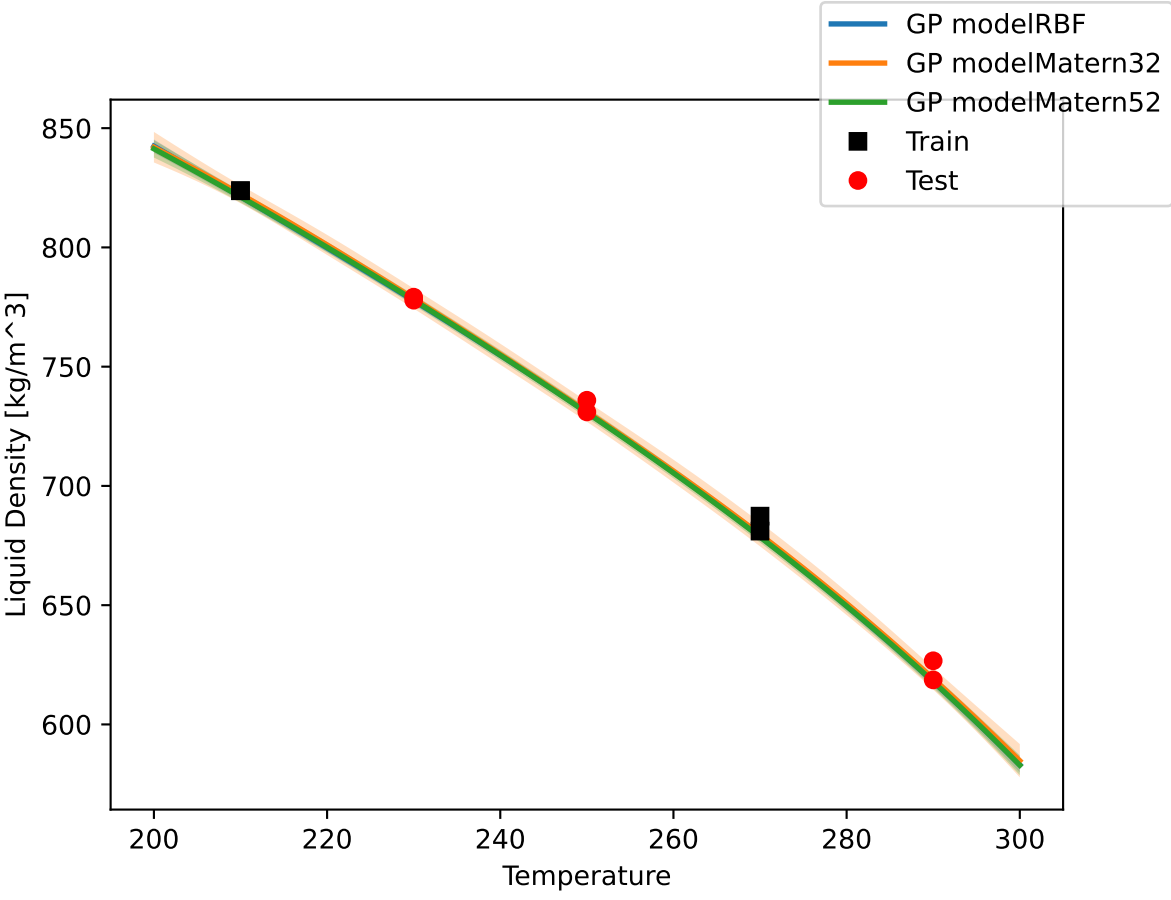

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

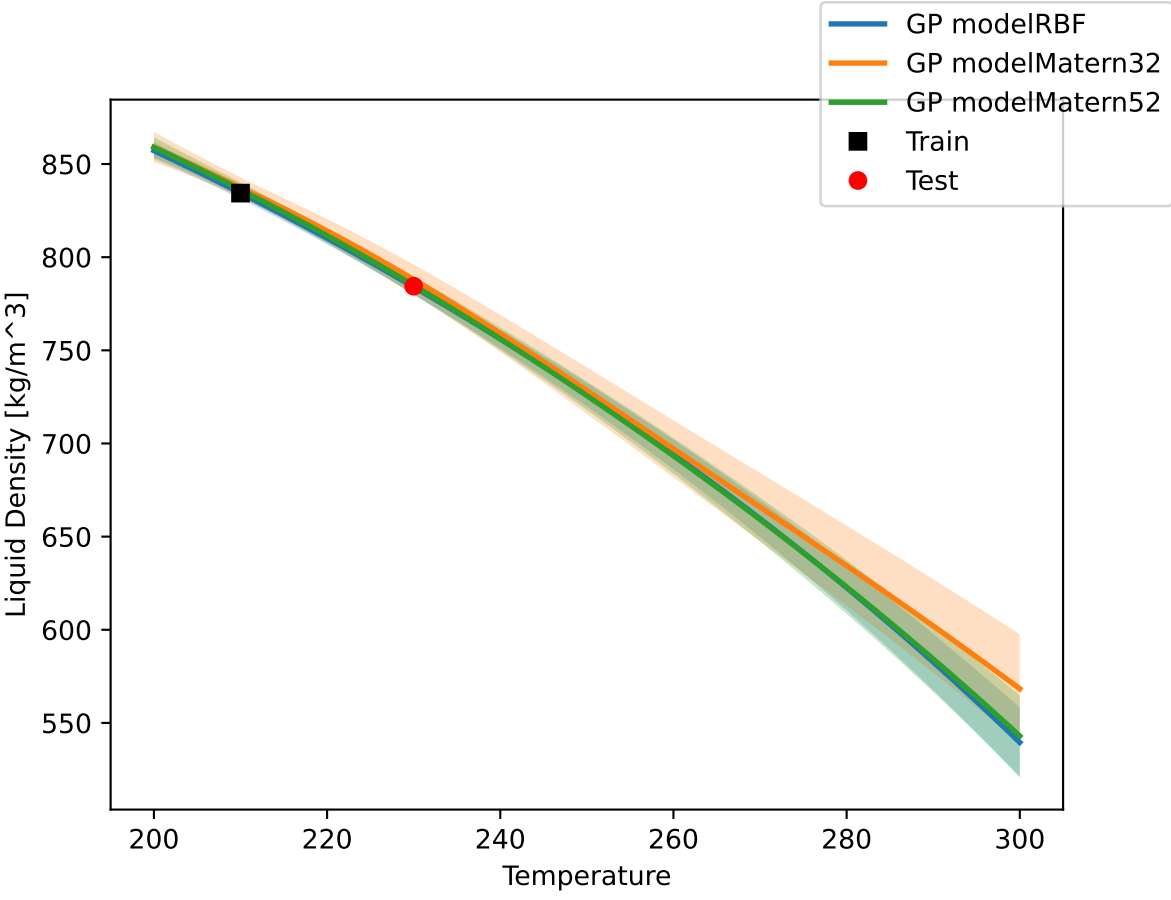

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

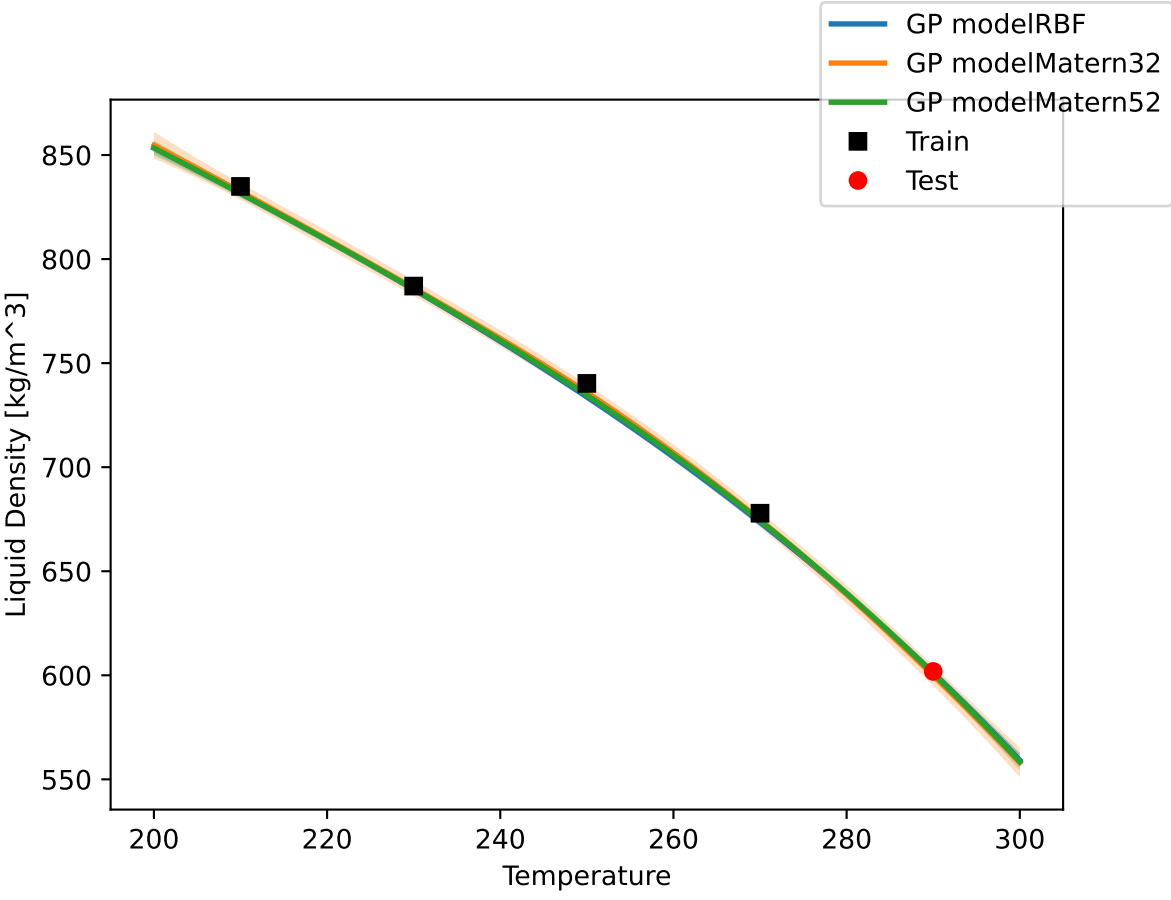

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

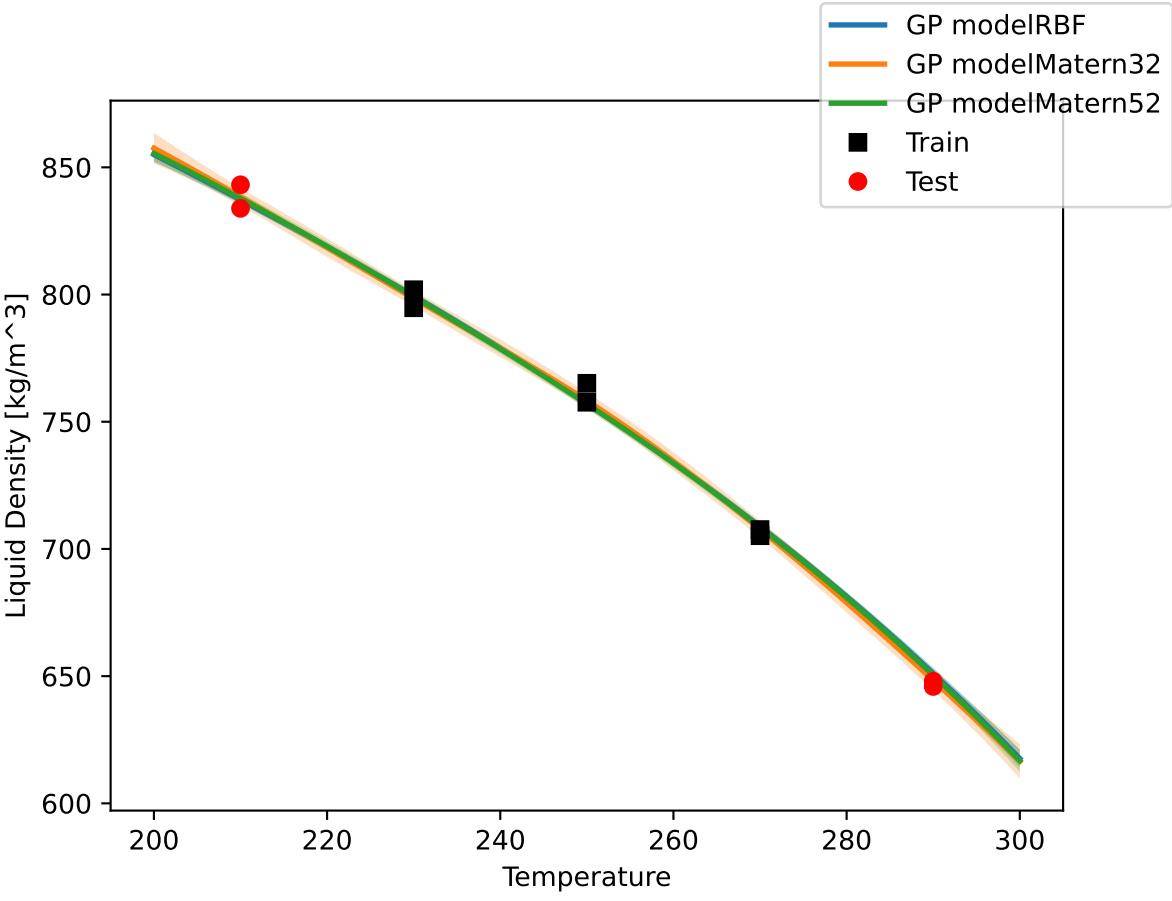

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

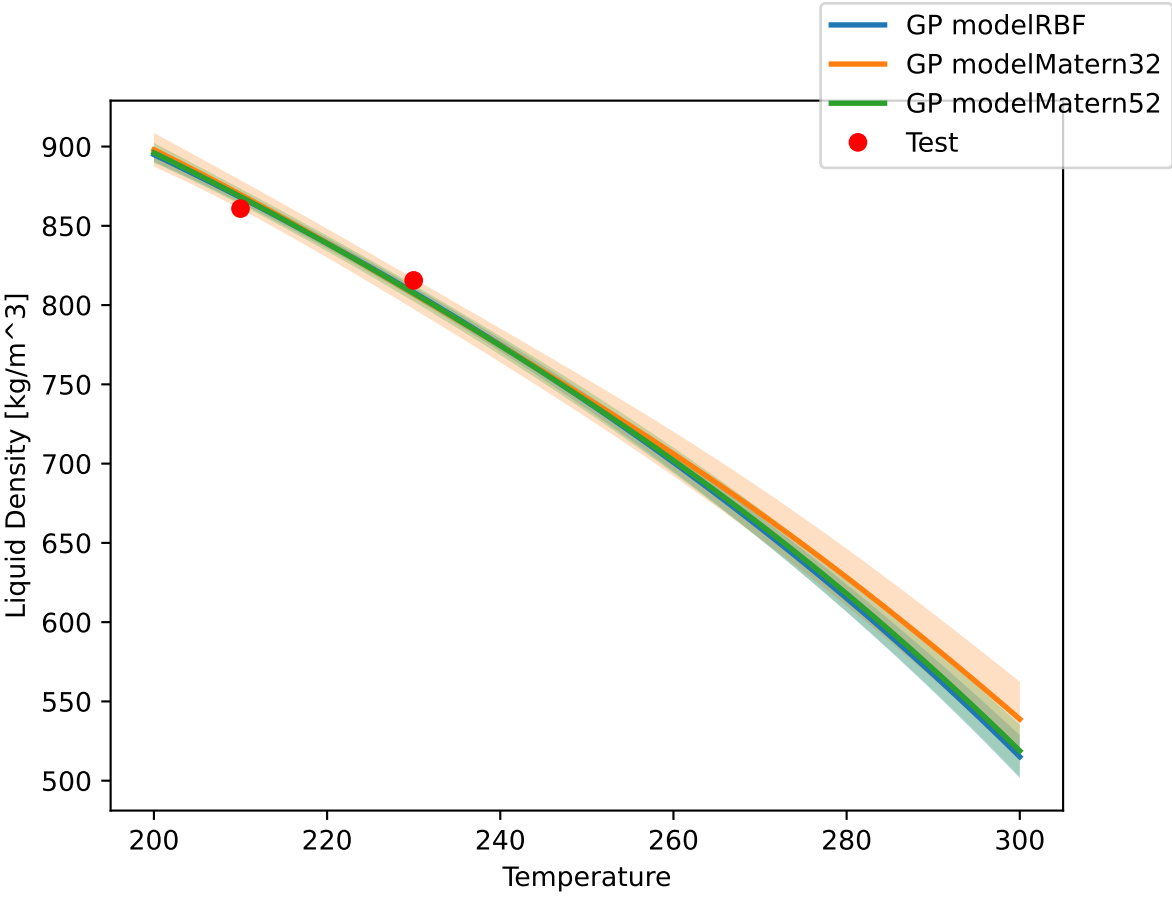

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

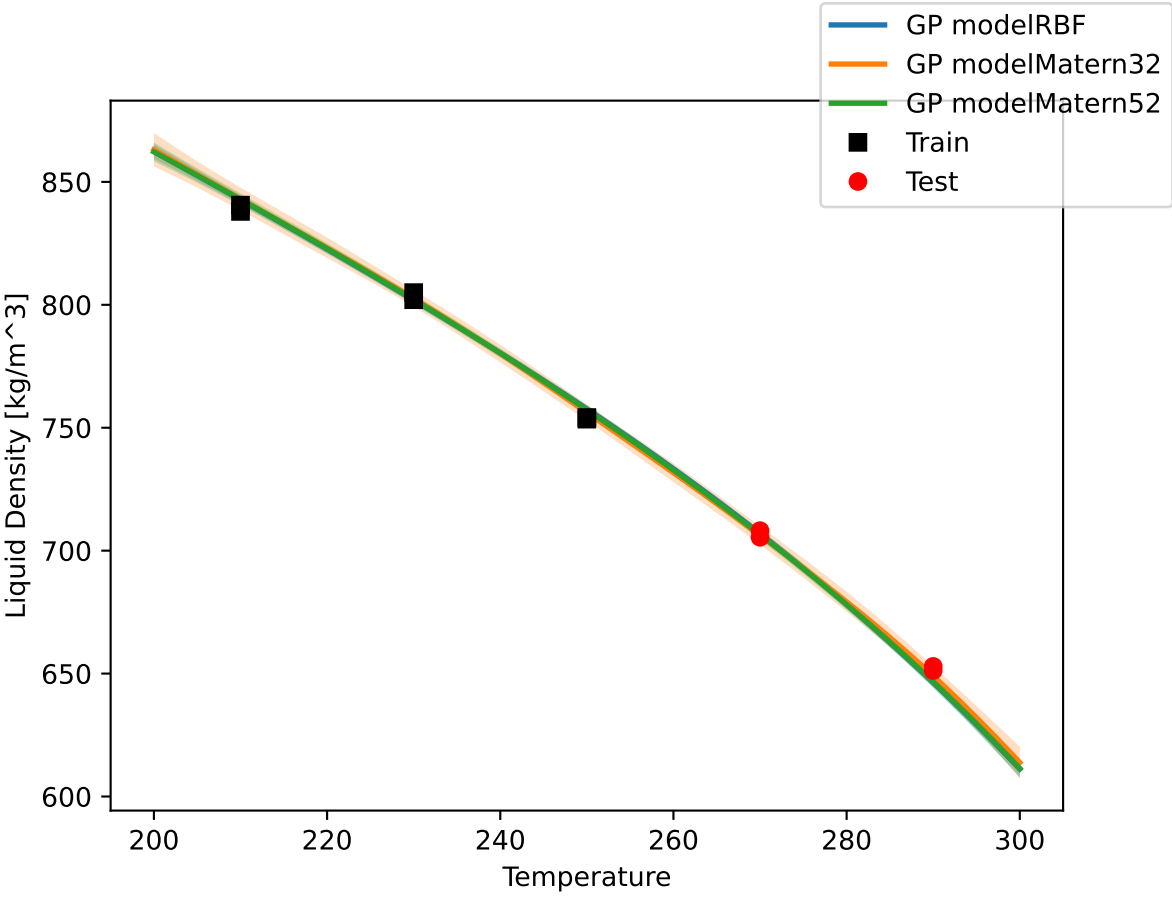

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

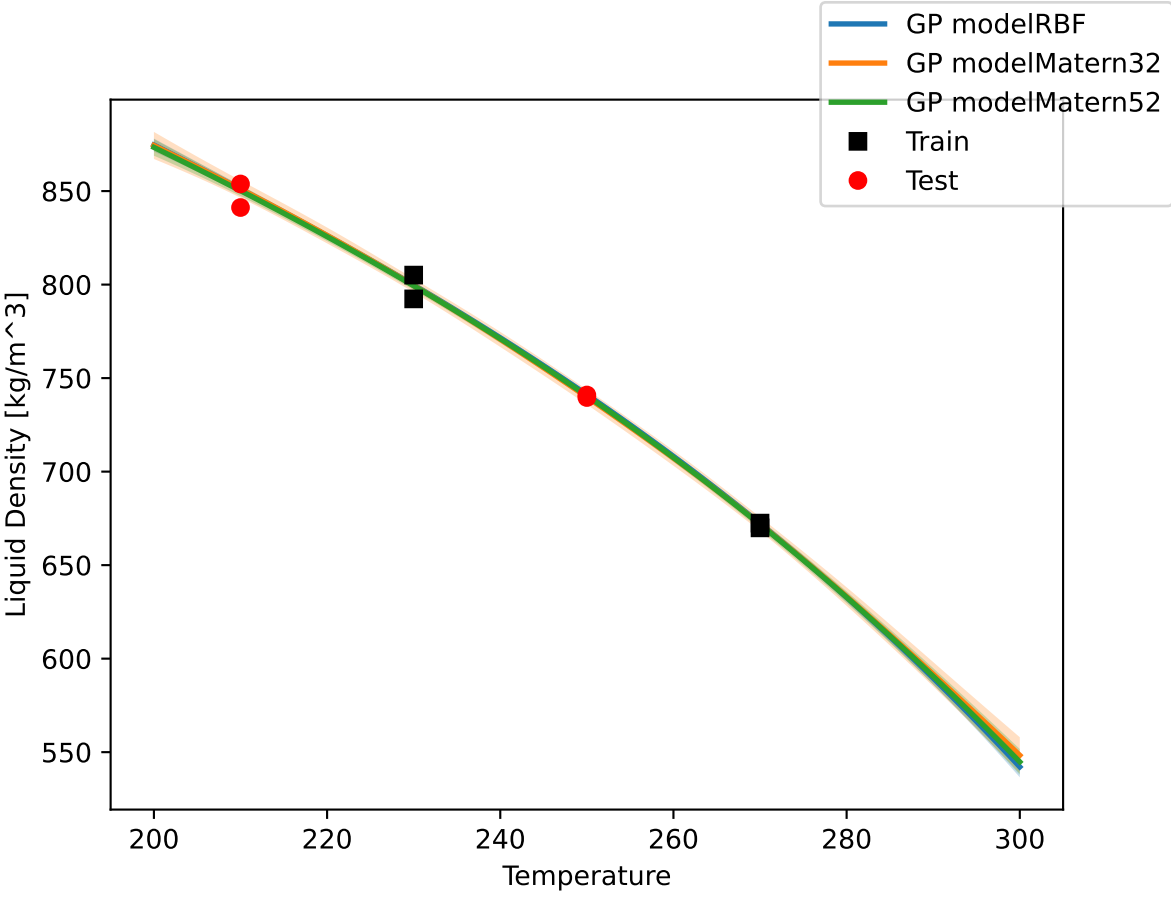

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

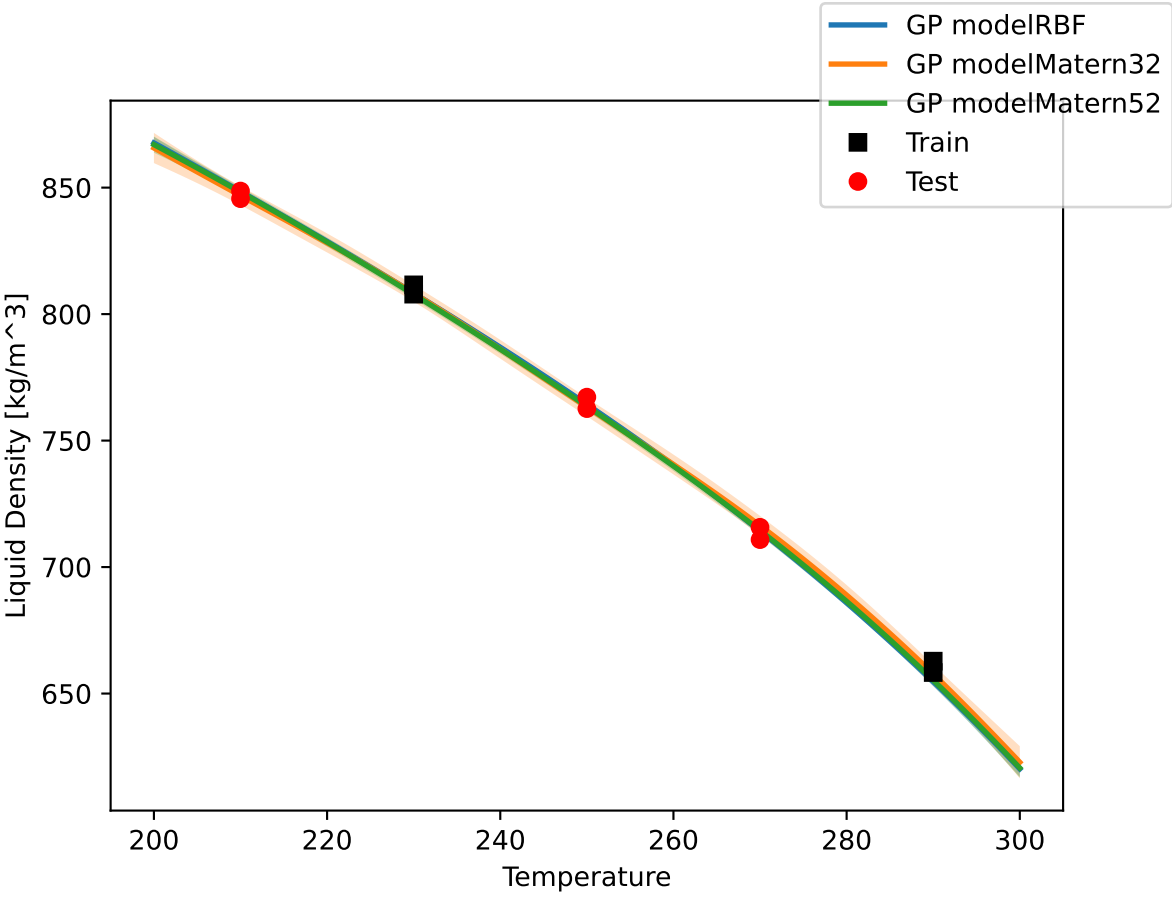

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

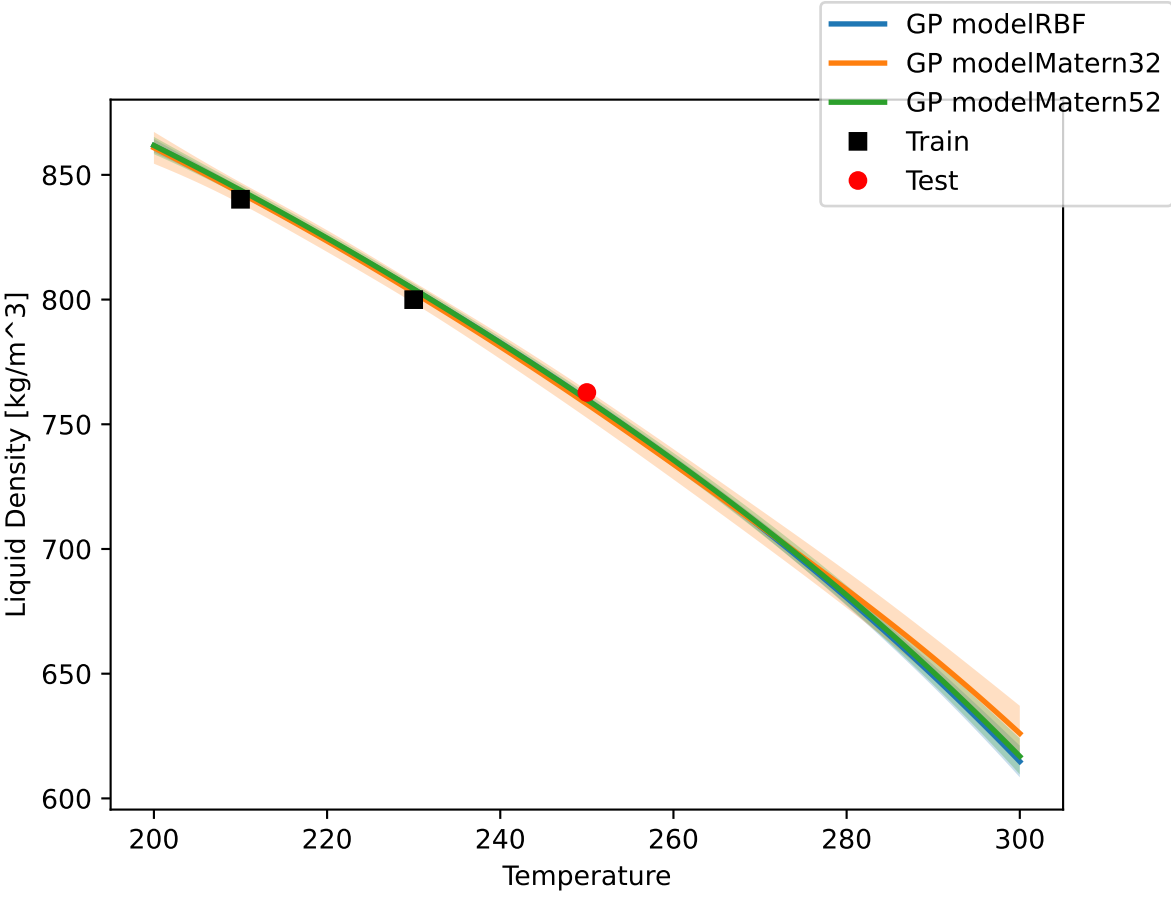

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

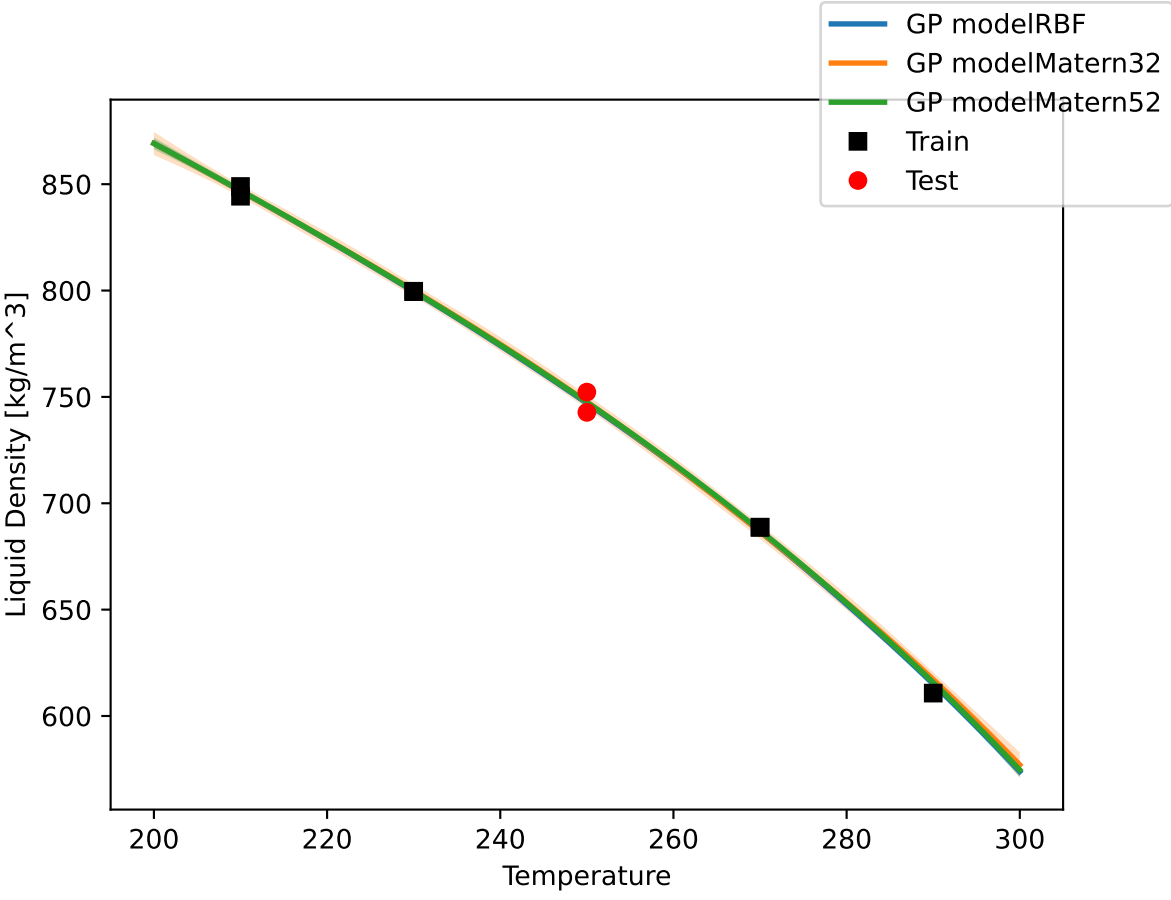

GP modelRBF
GP modelMatern32
GP modelMatern52
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
500
200
220
240
260
280
300
Temperature

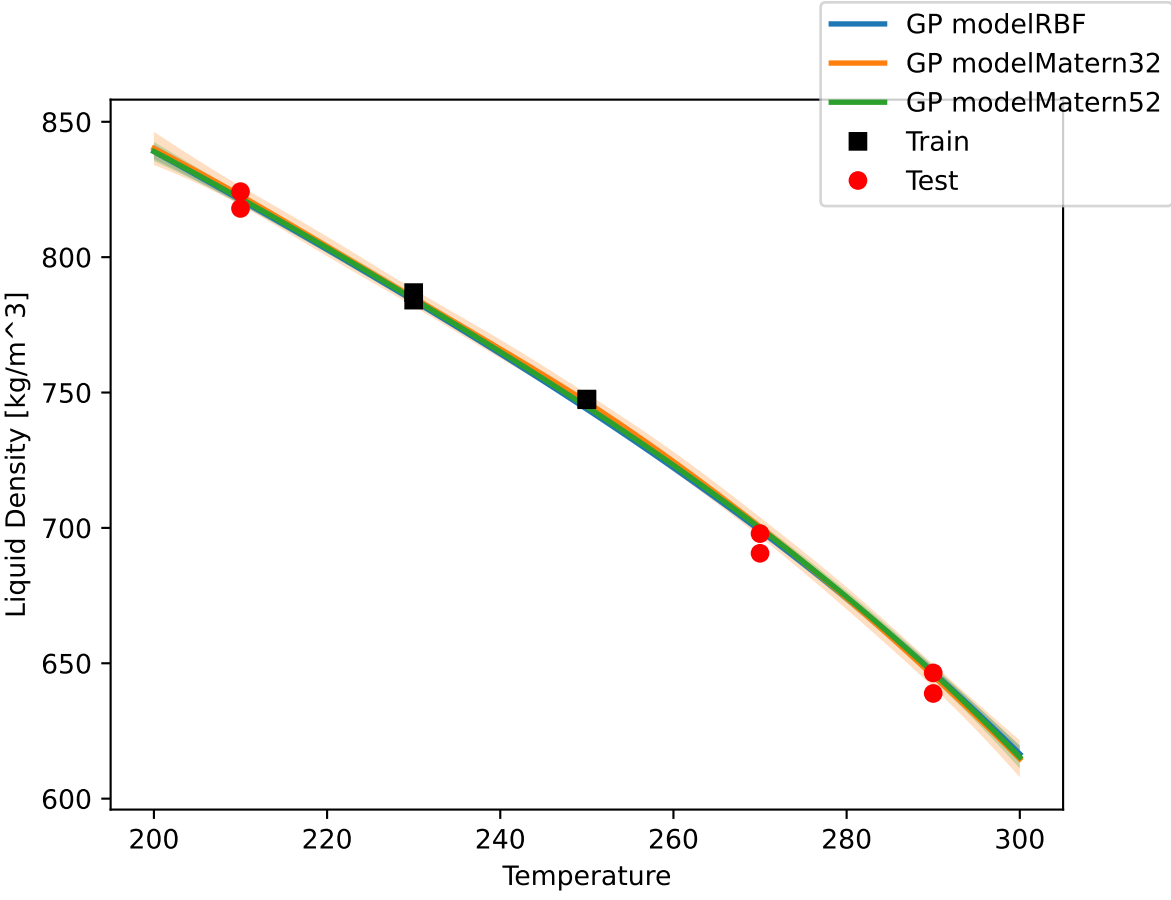

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

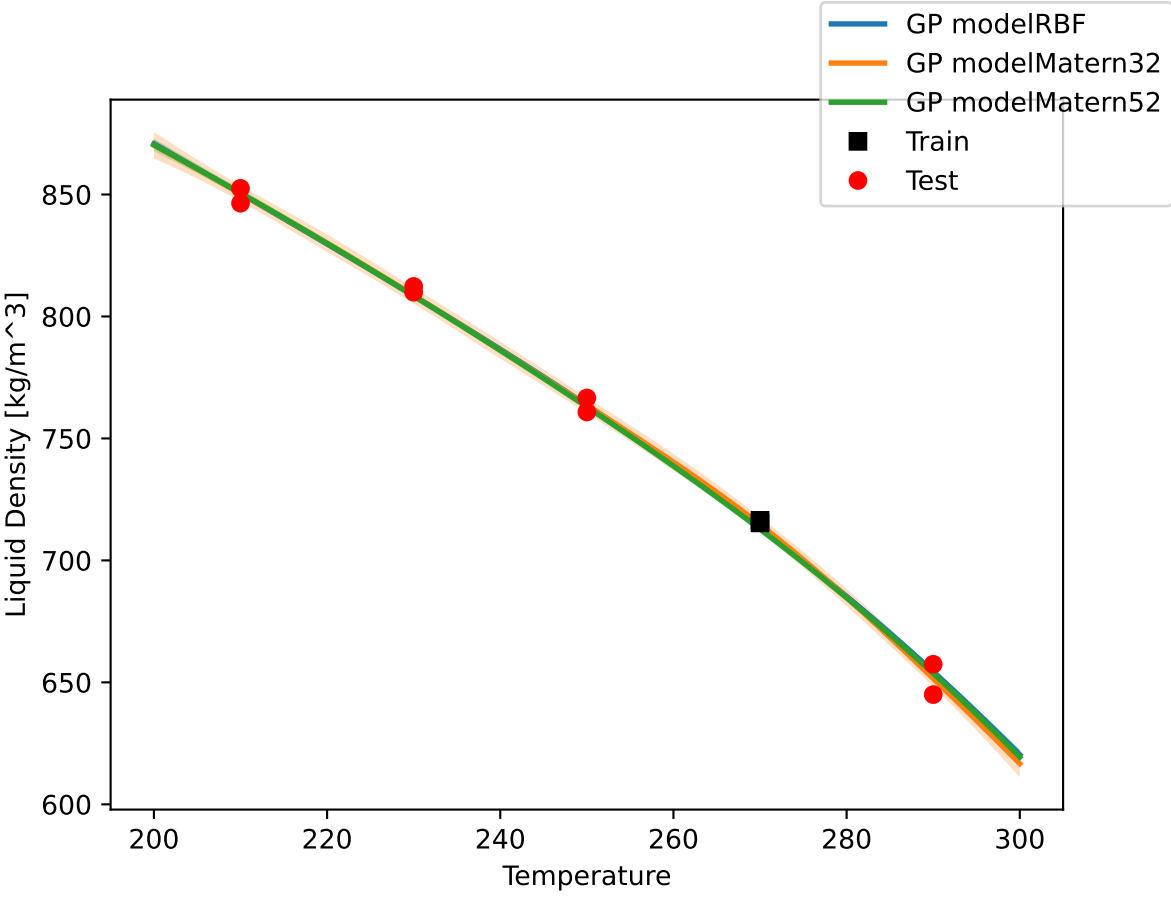

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

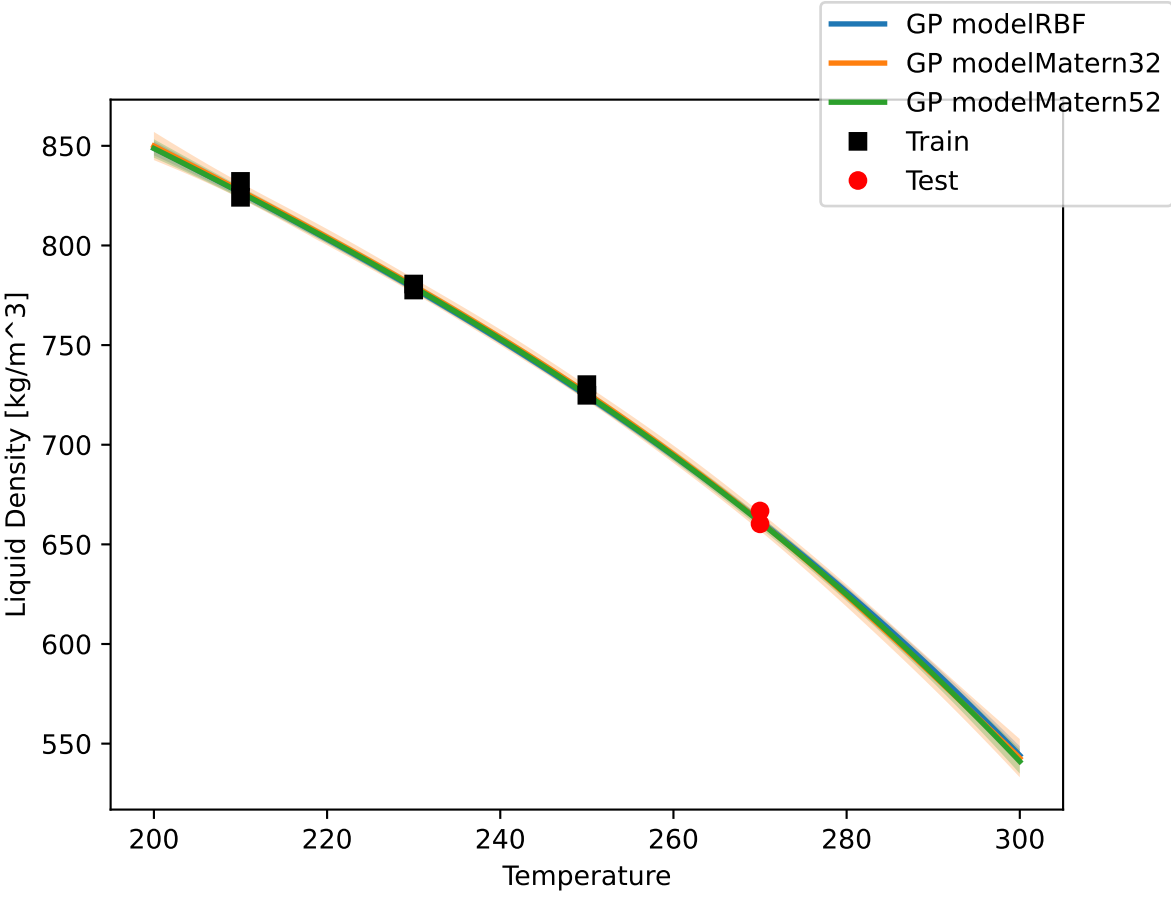

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

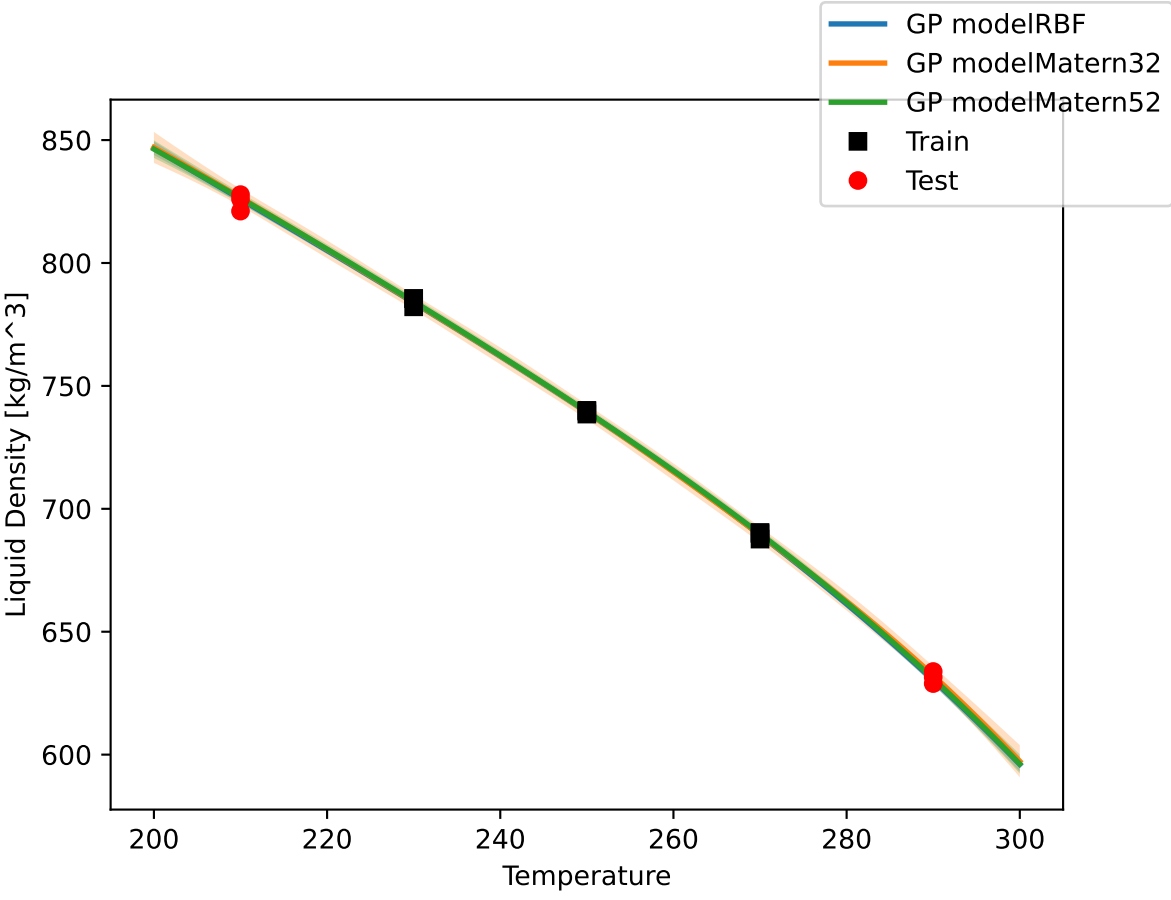

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

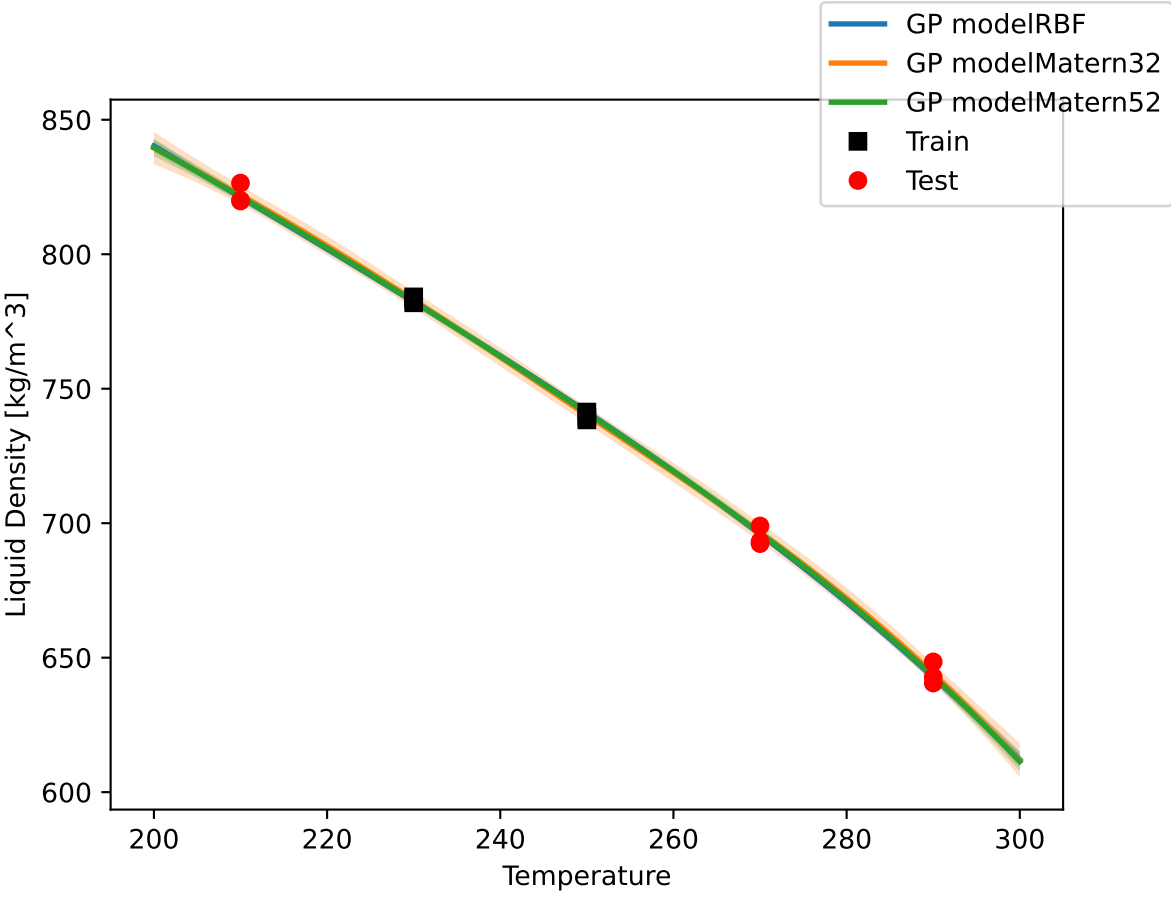

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

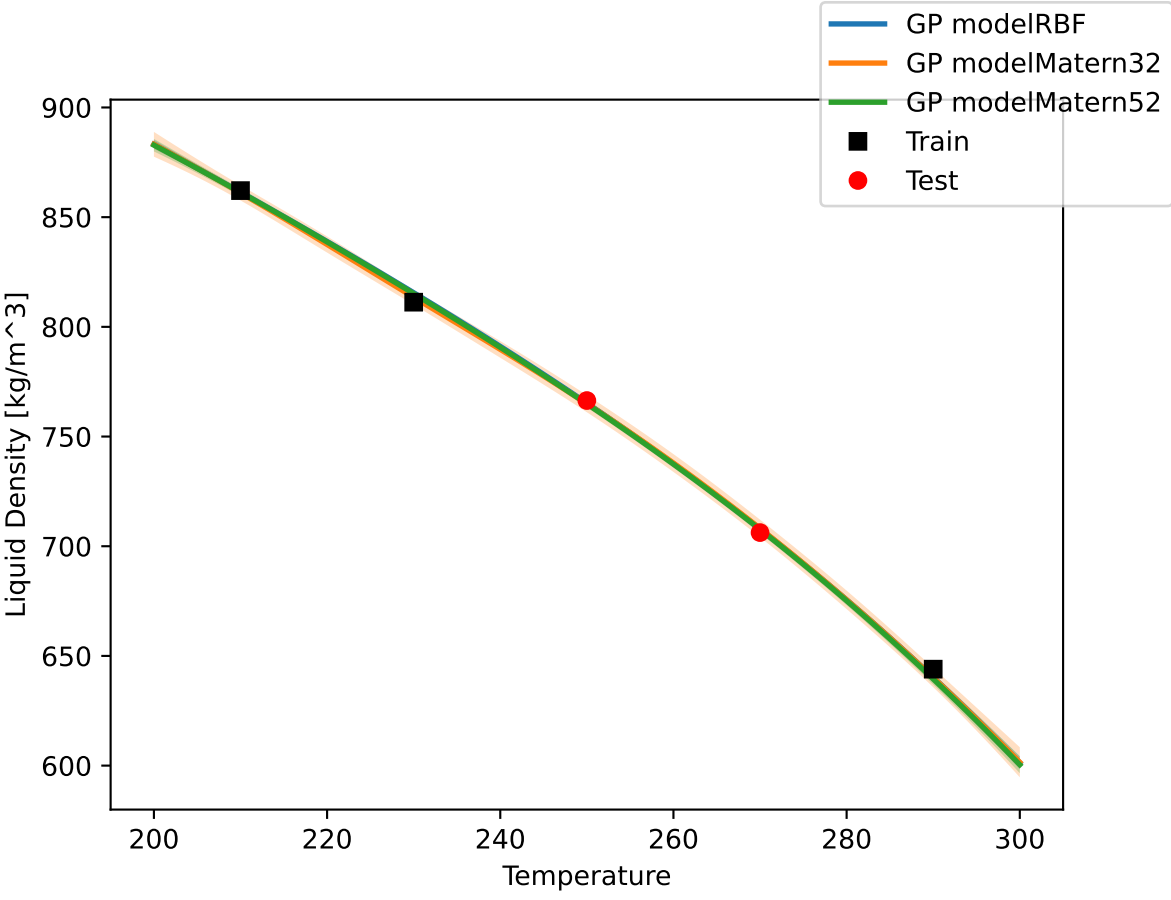

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

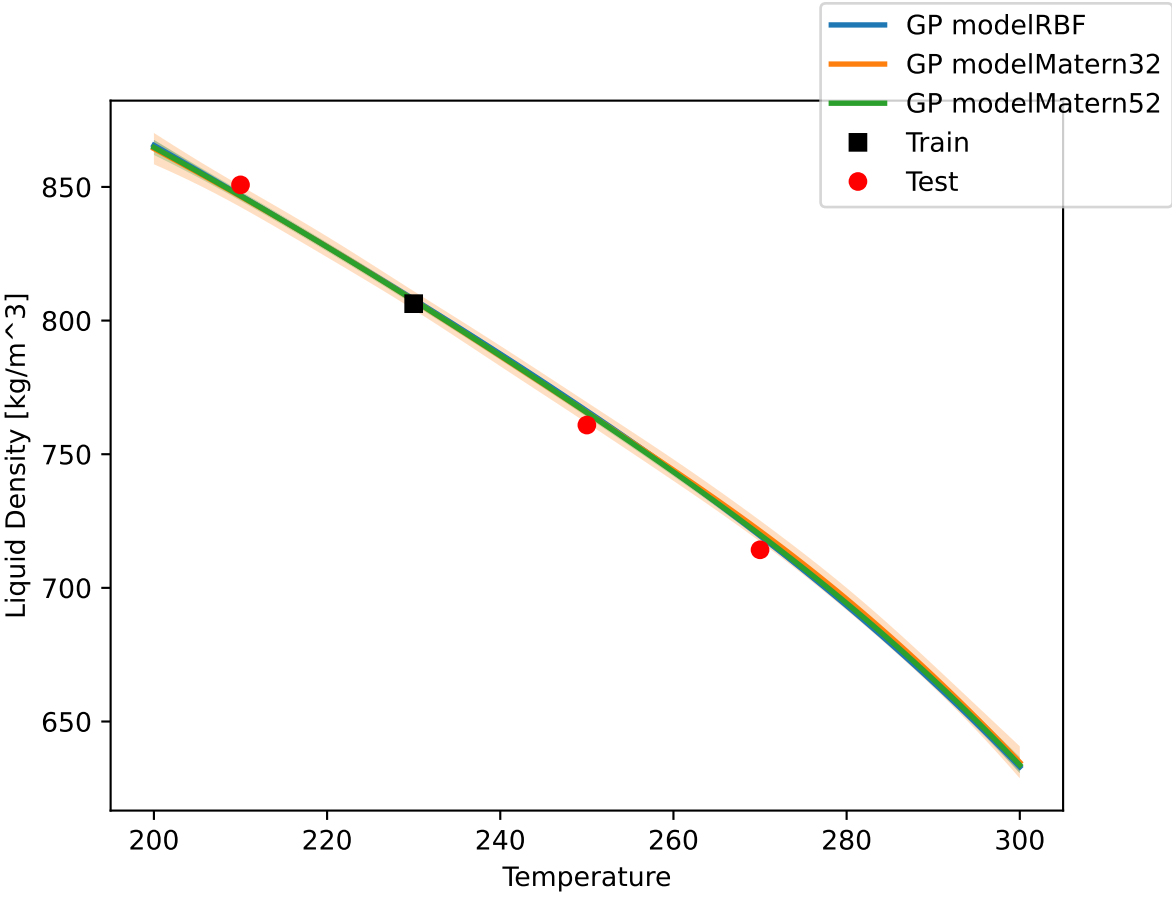

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

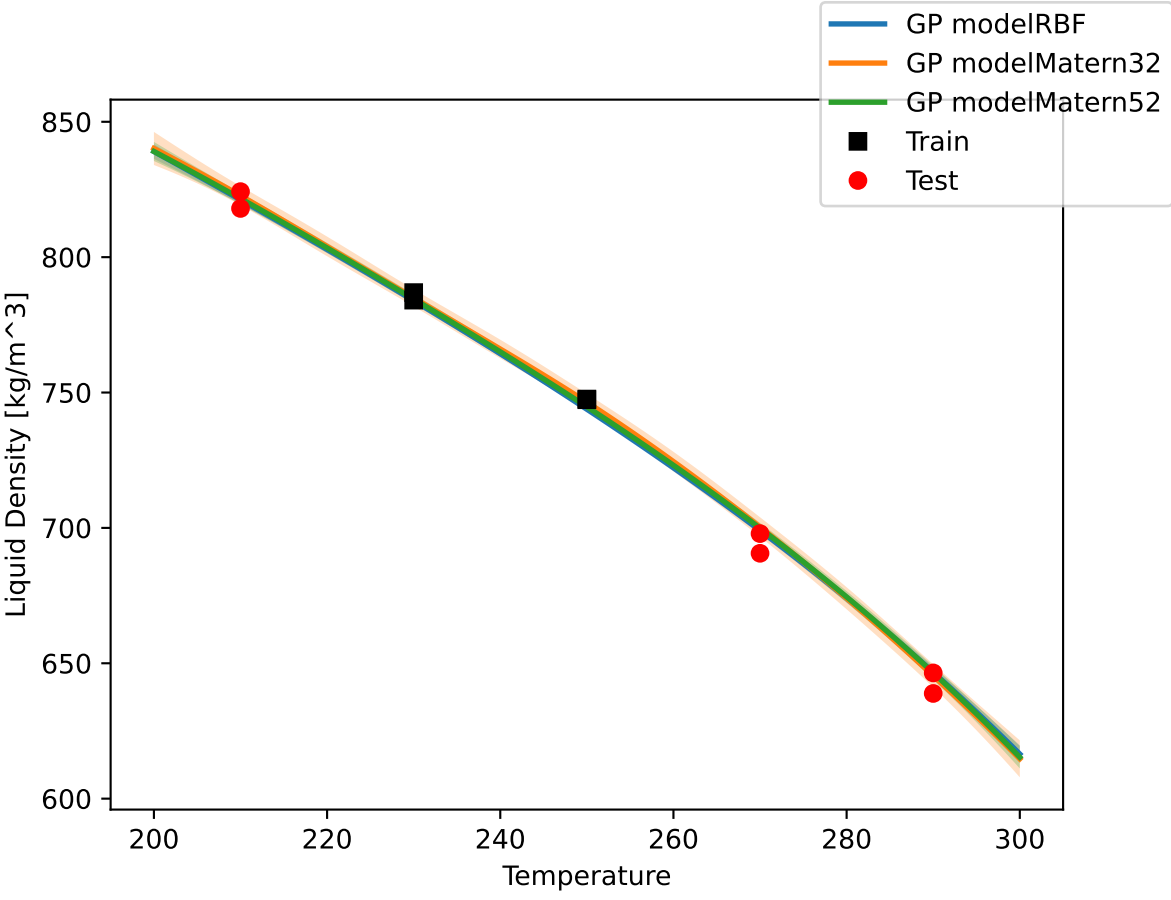

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

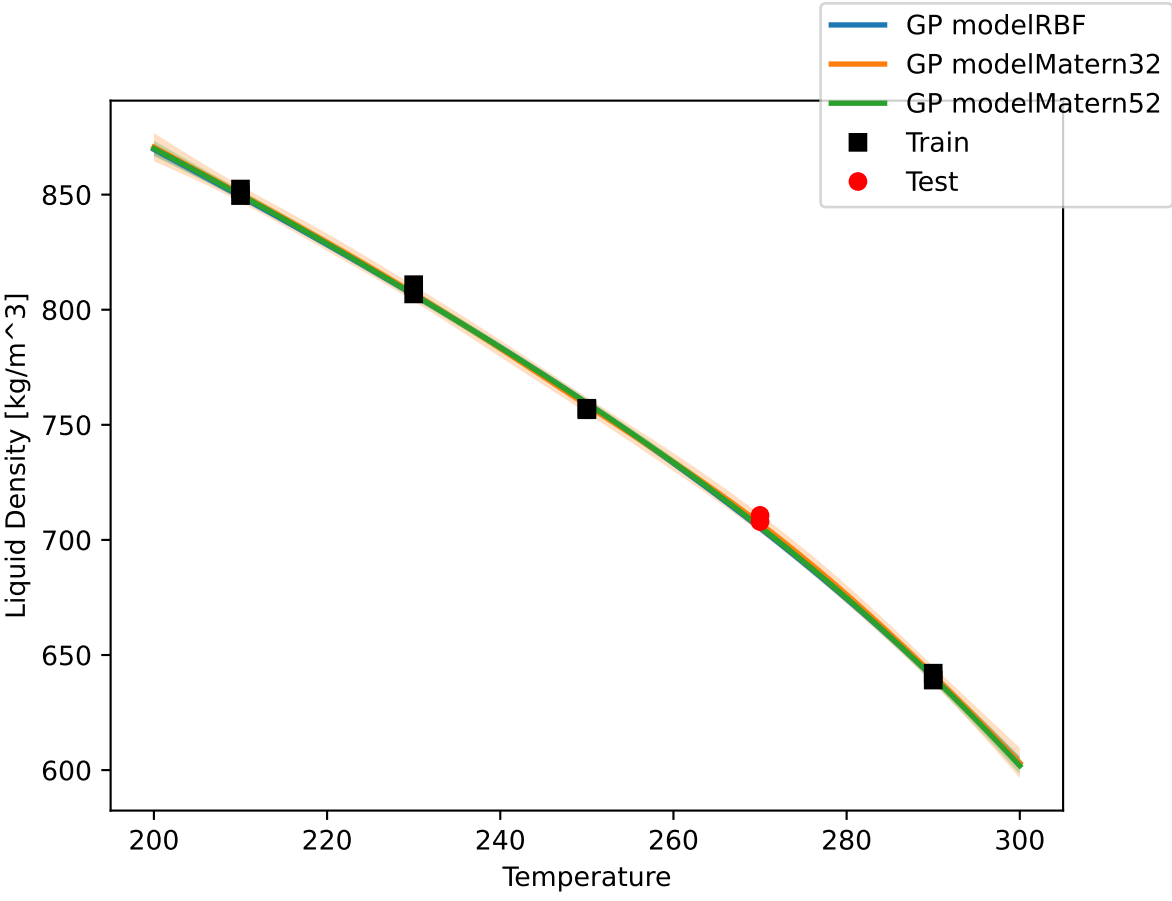

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

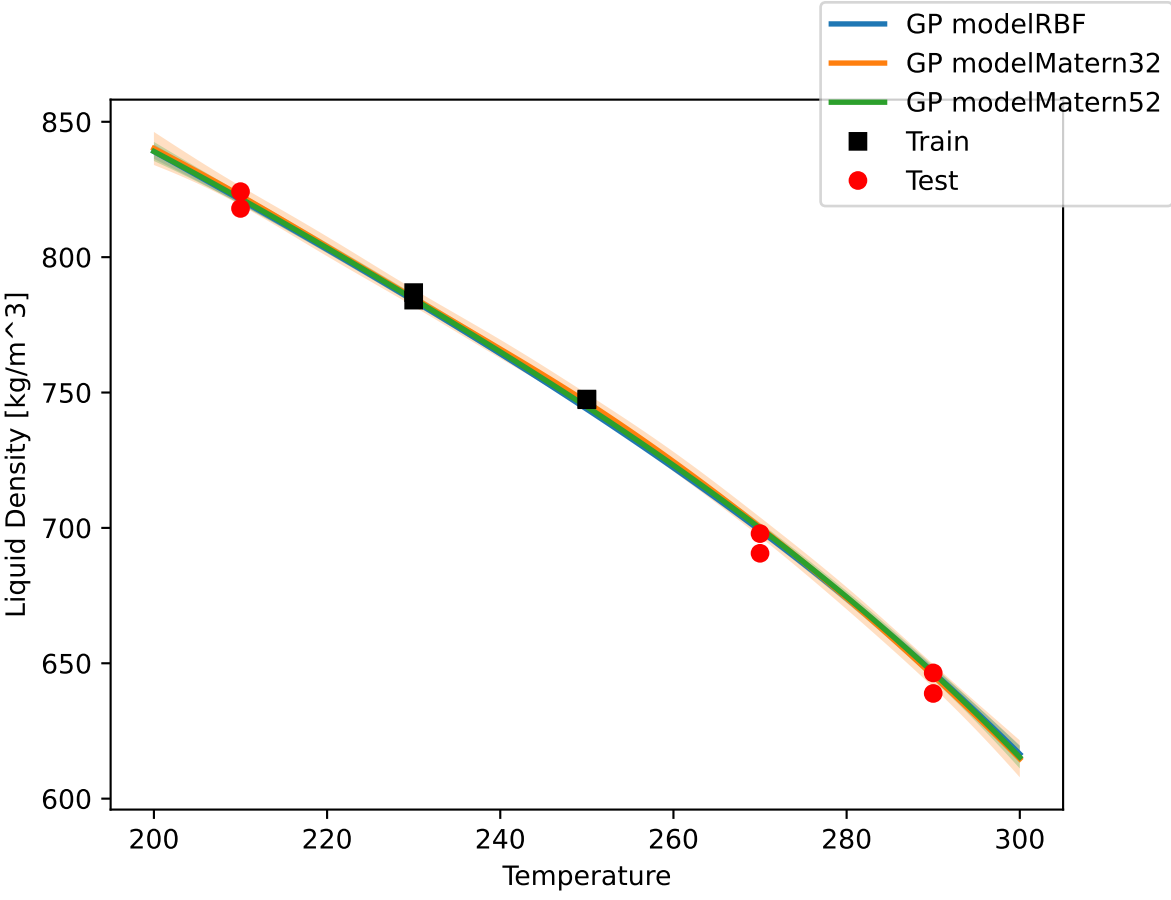

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

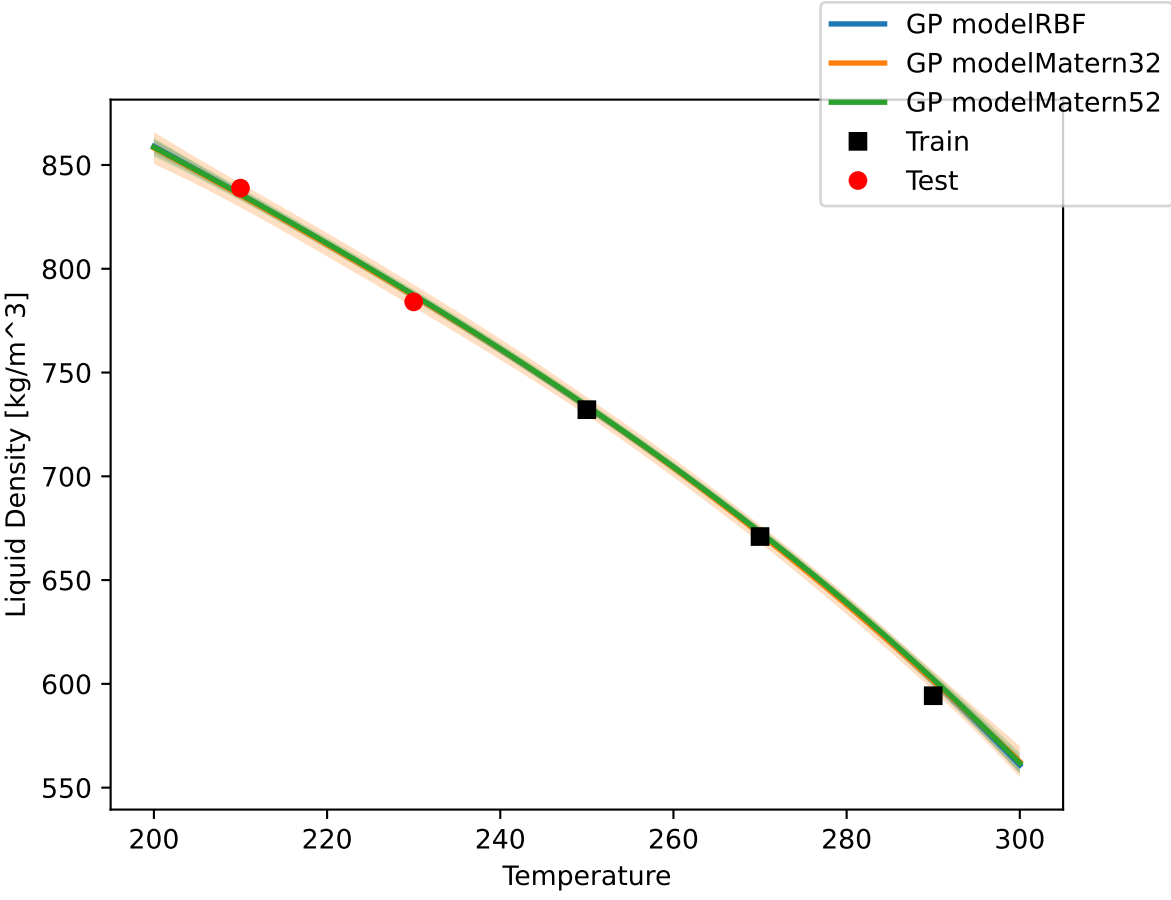

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

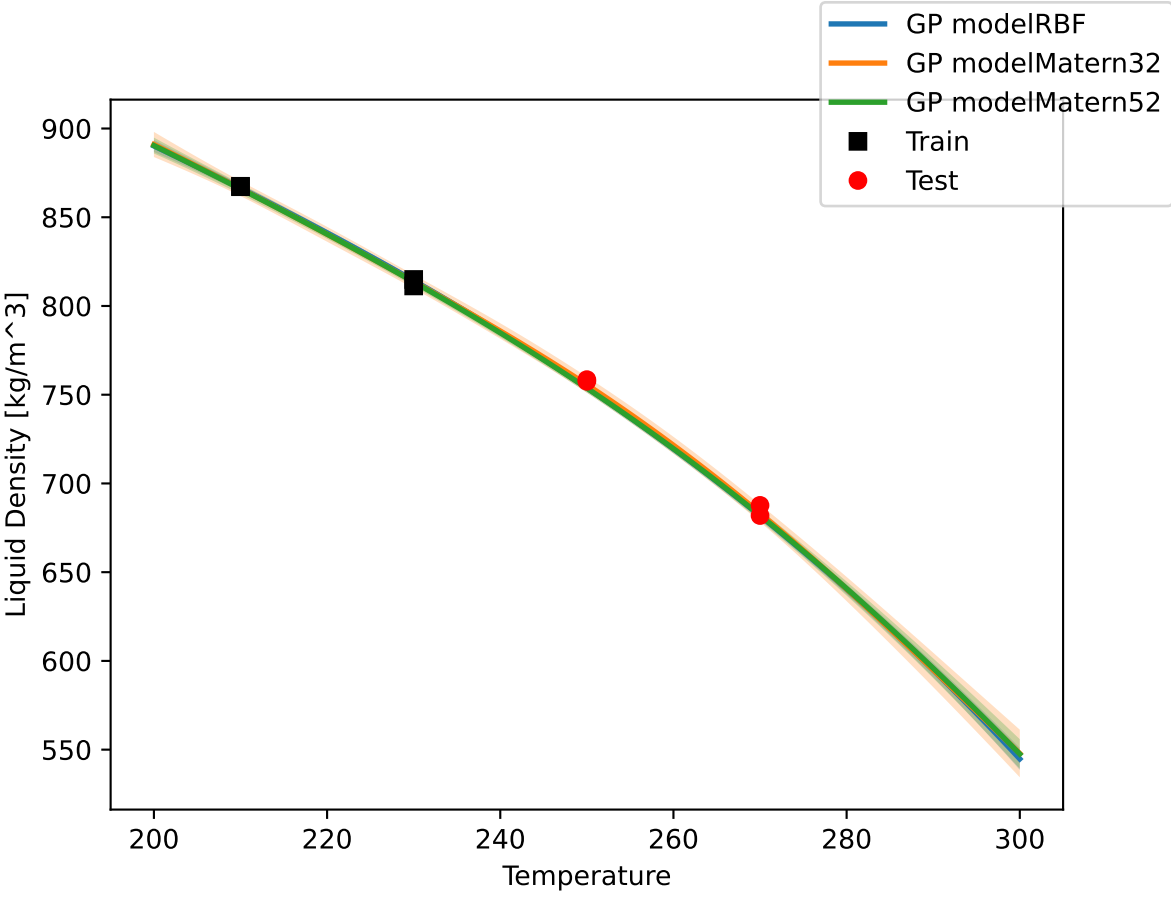

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

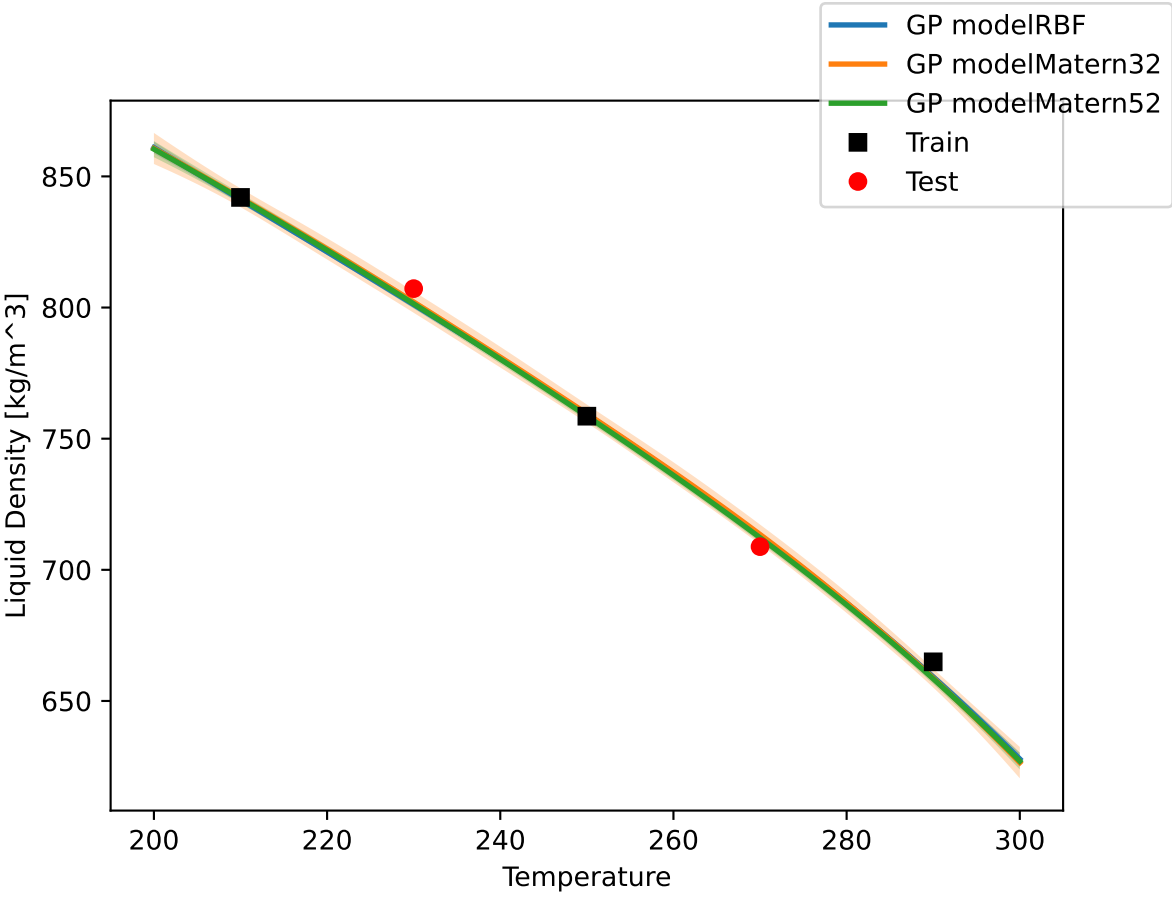

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

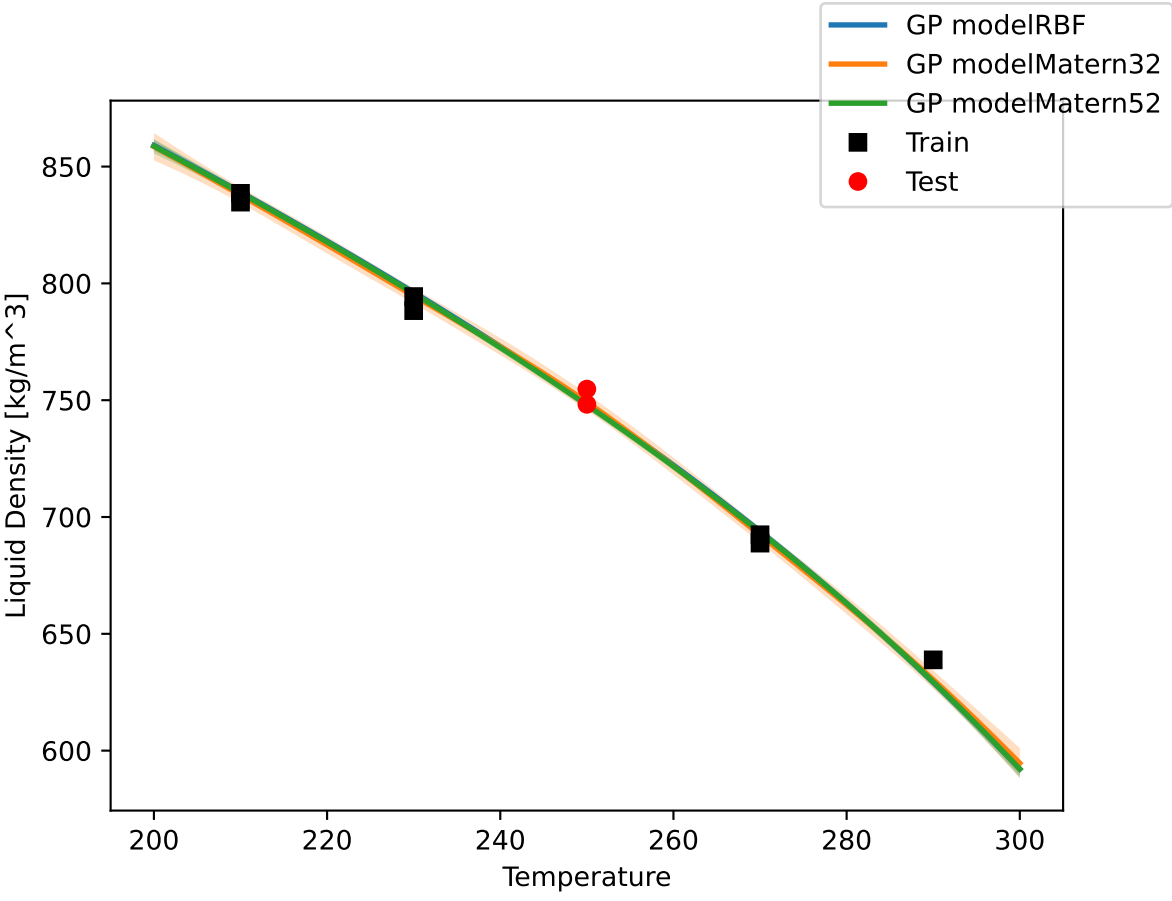

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

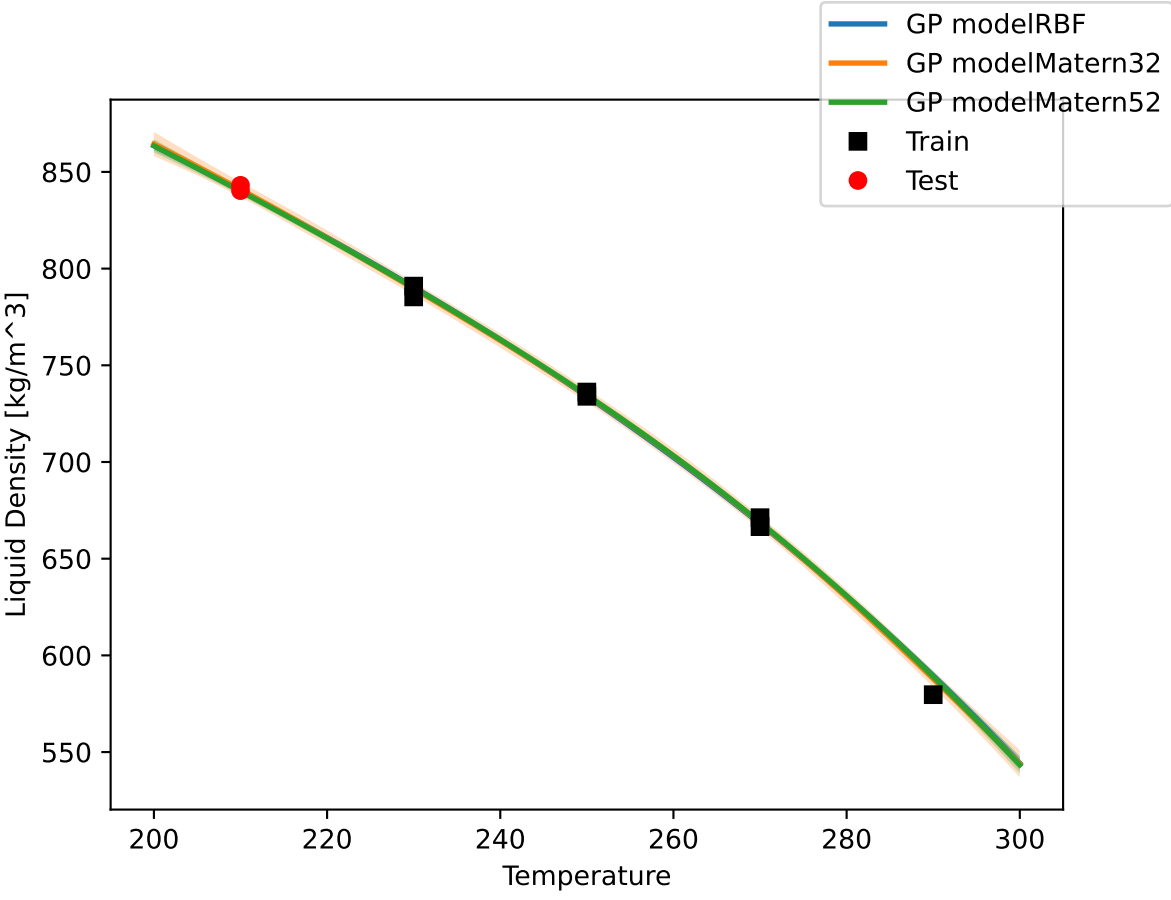

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

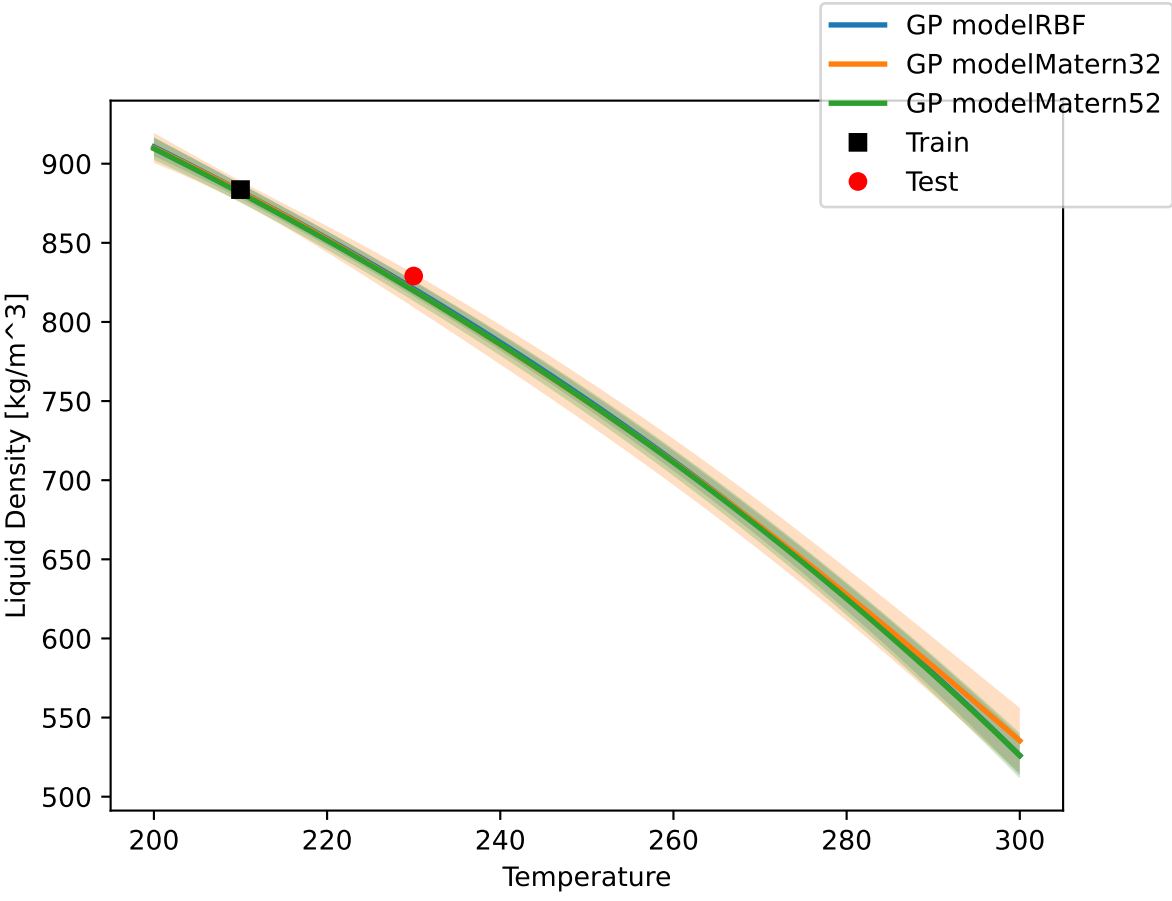

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

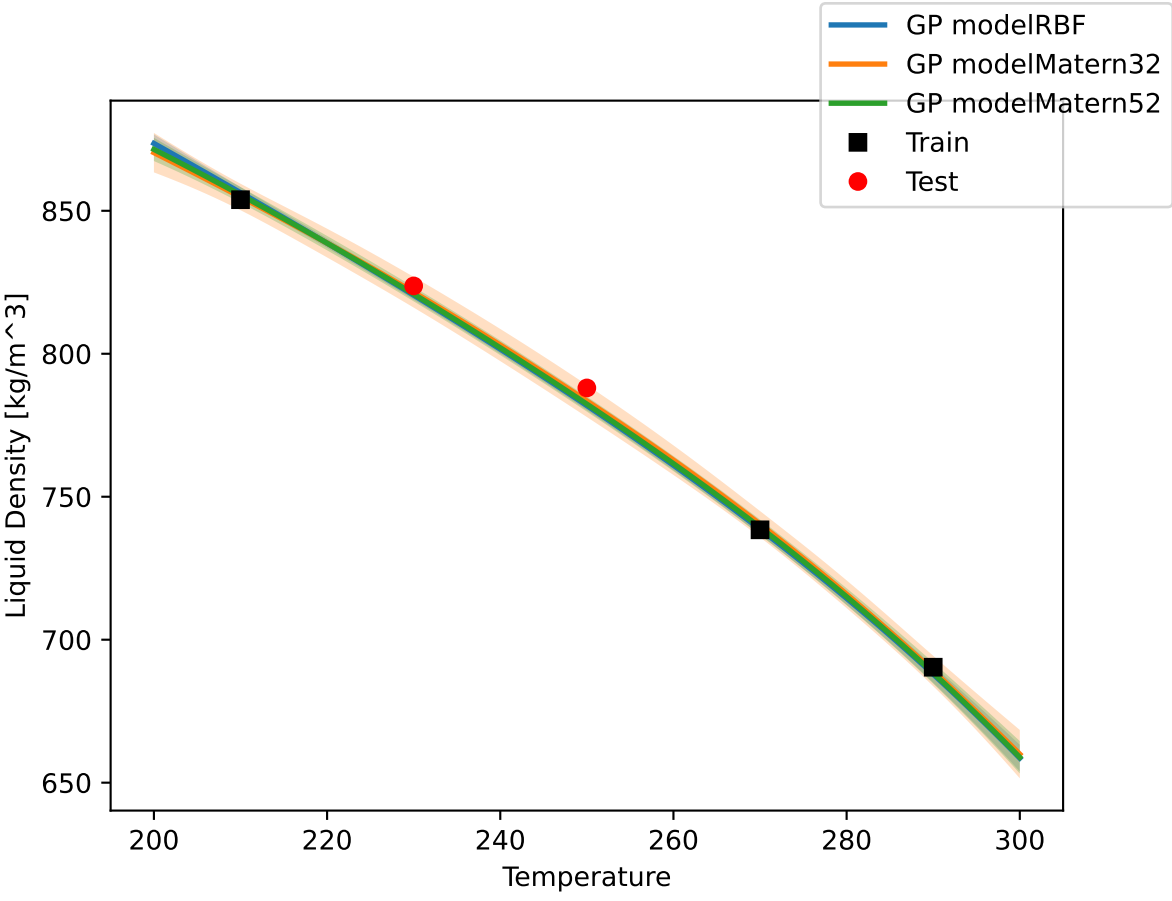

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

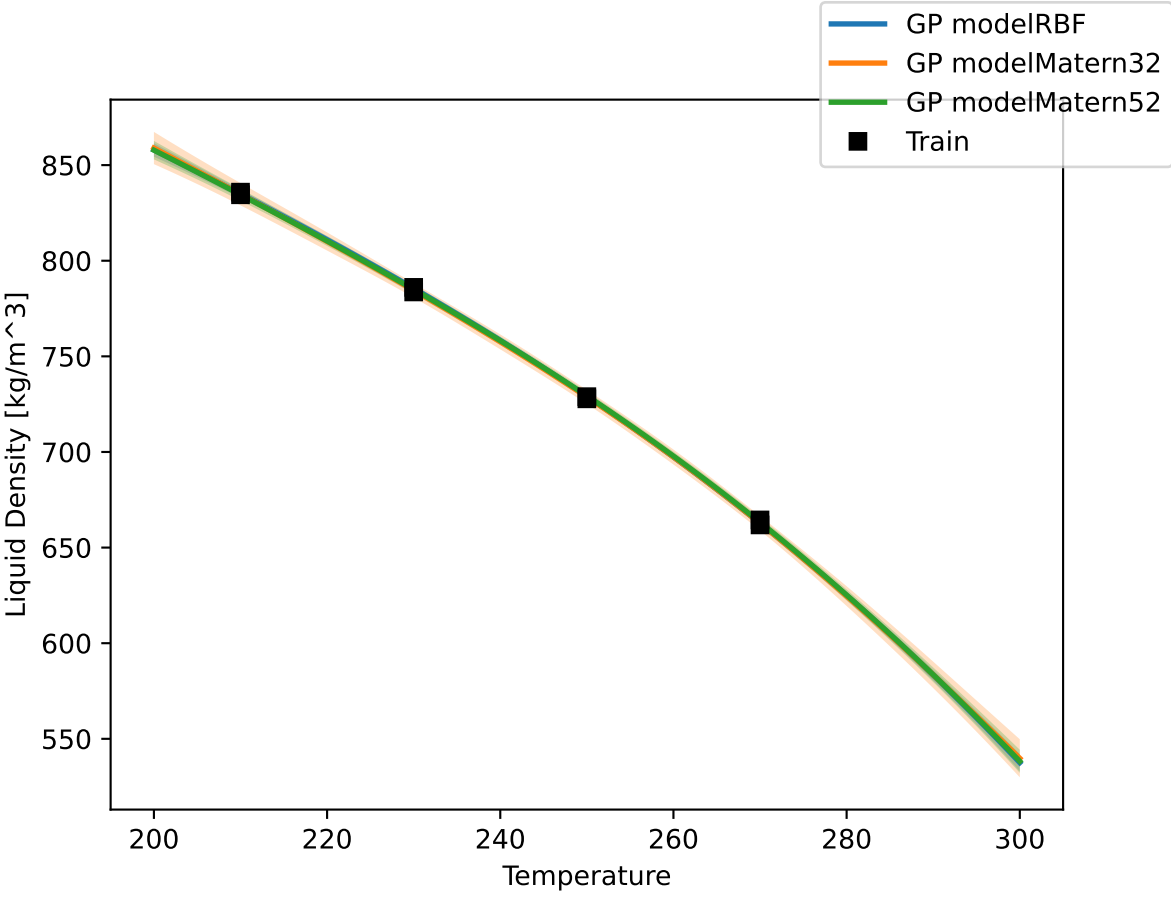

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

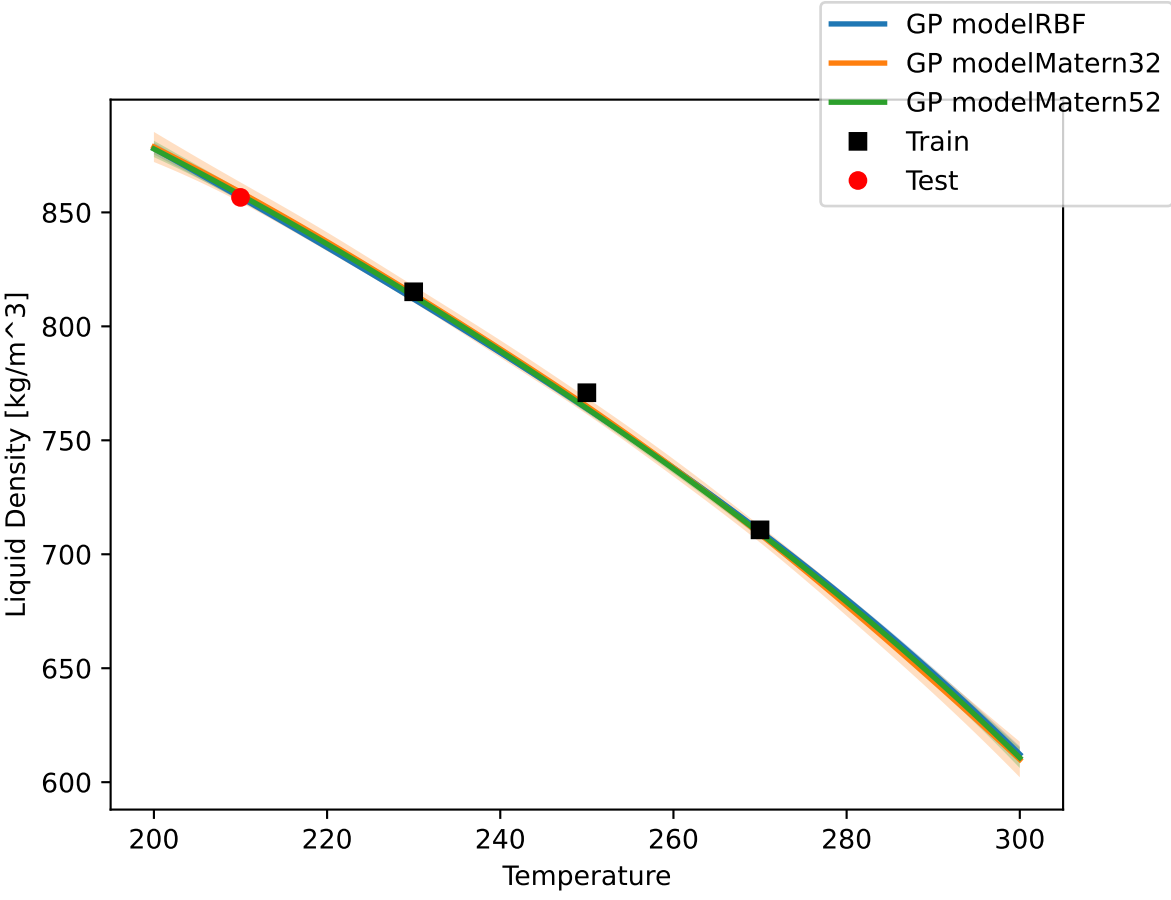

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

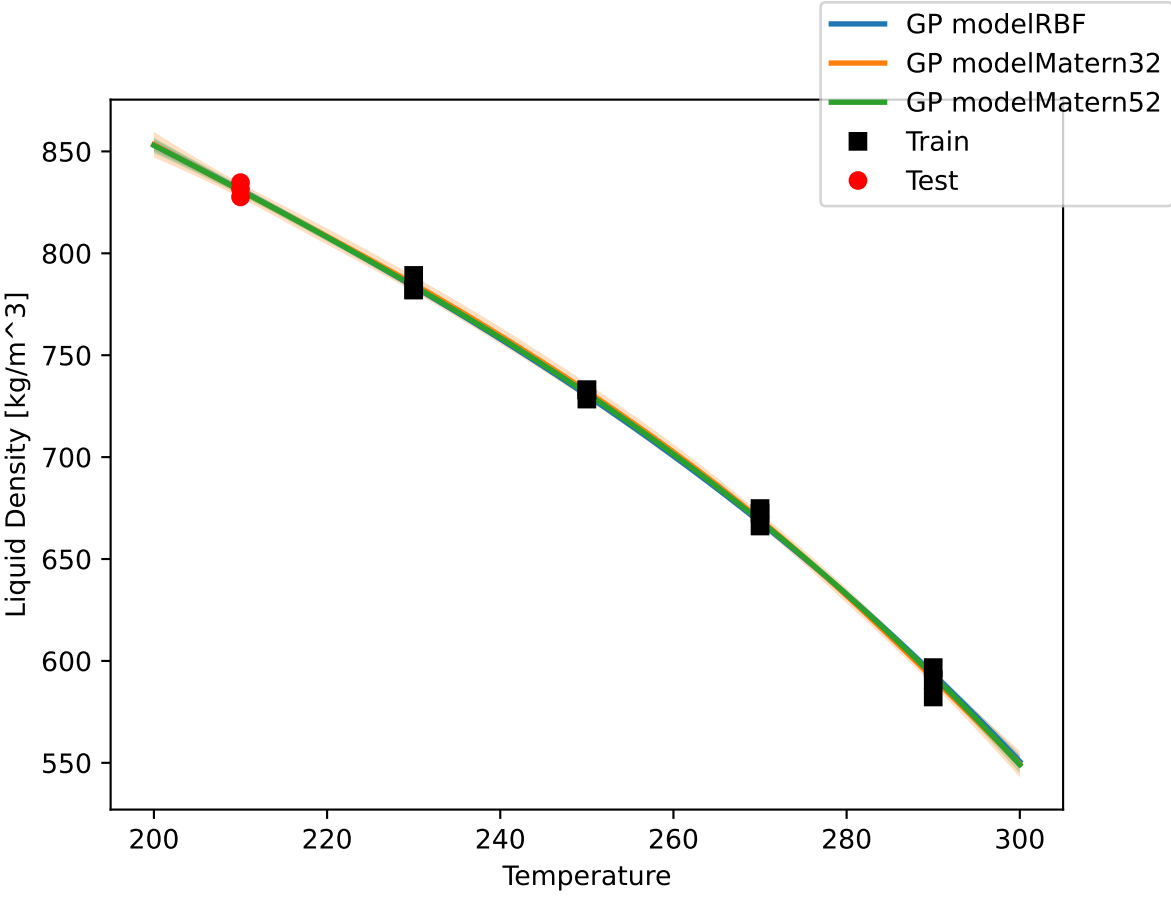

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

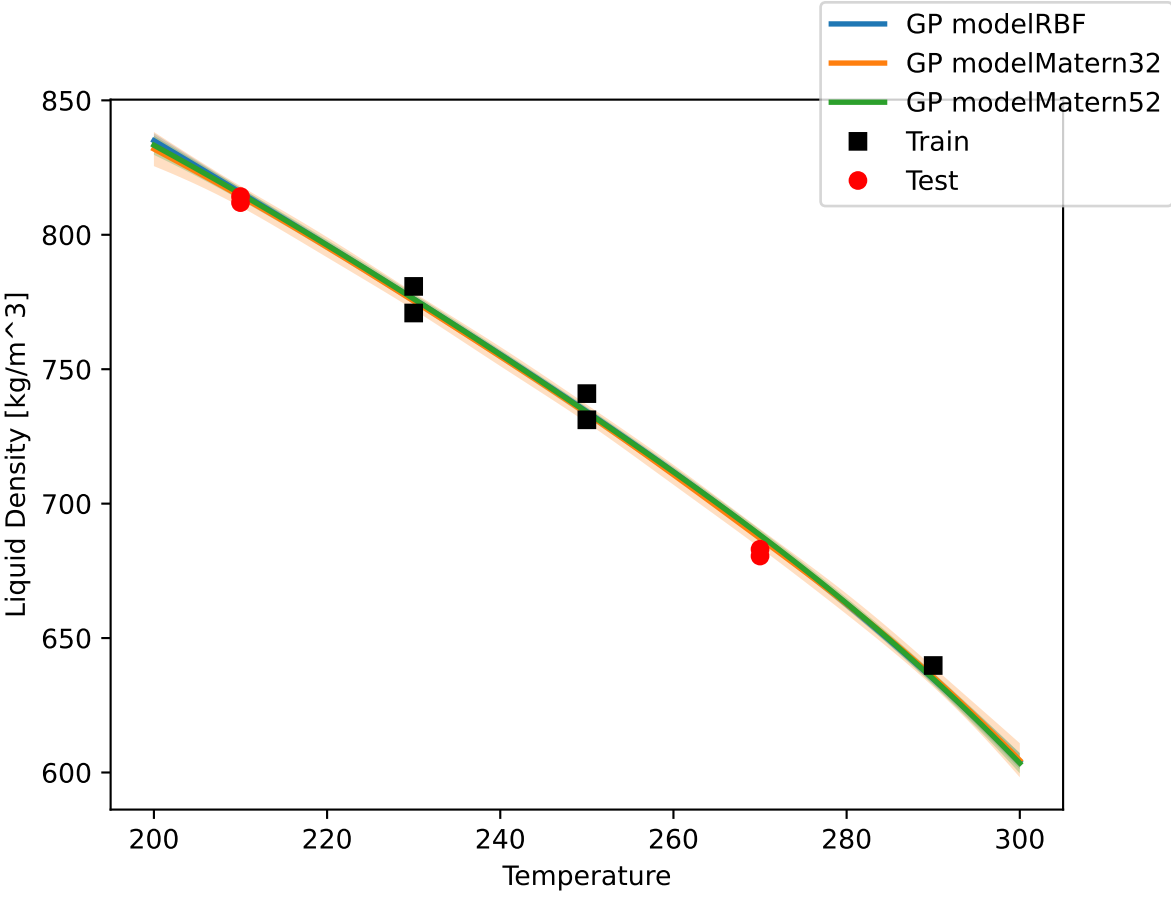

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
500
200
220
240
260
280
300
Temperature

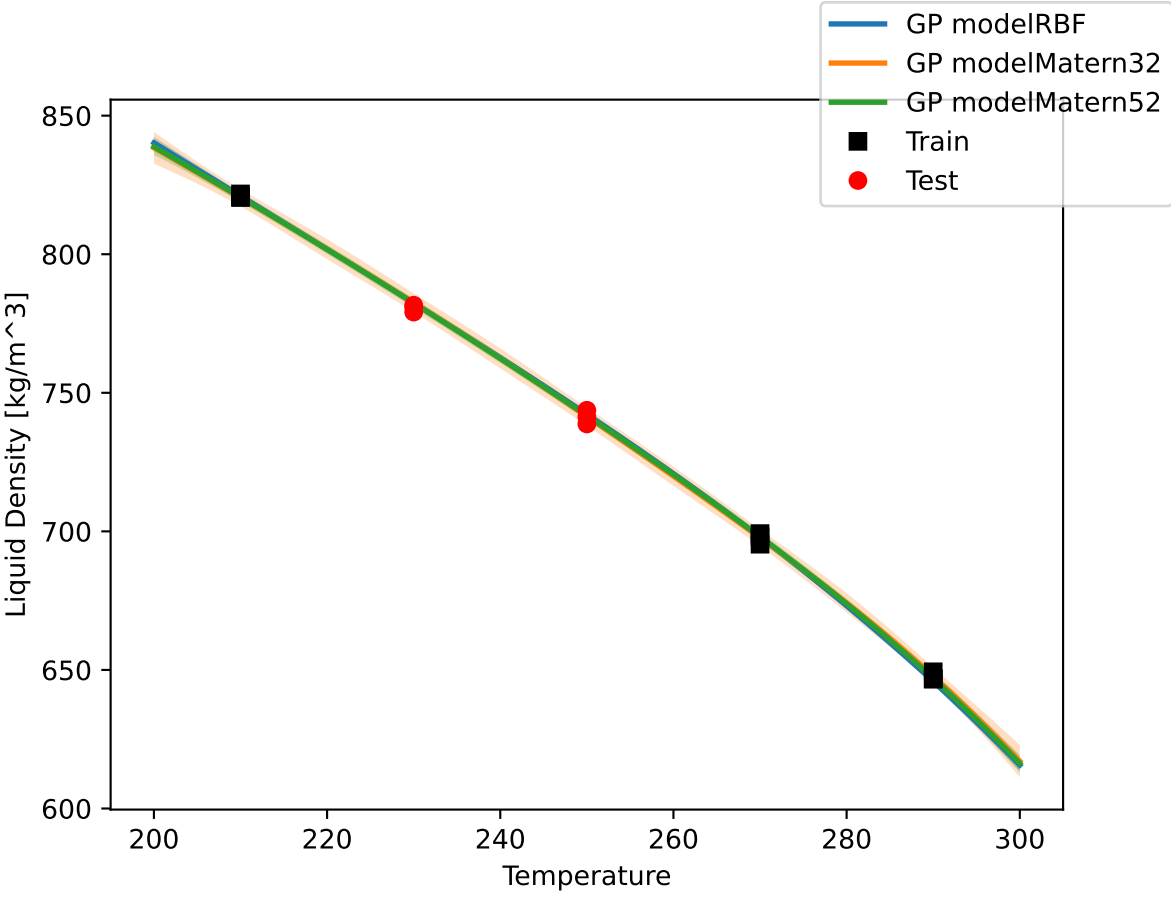

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

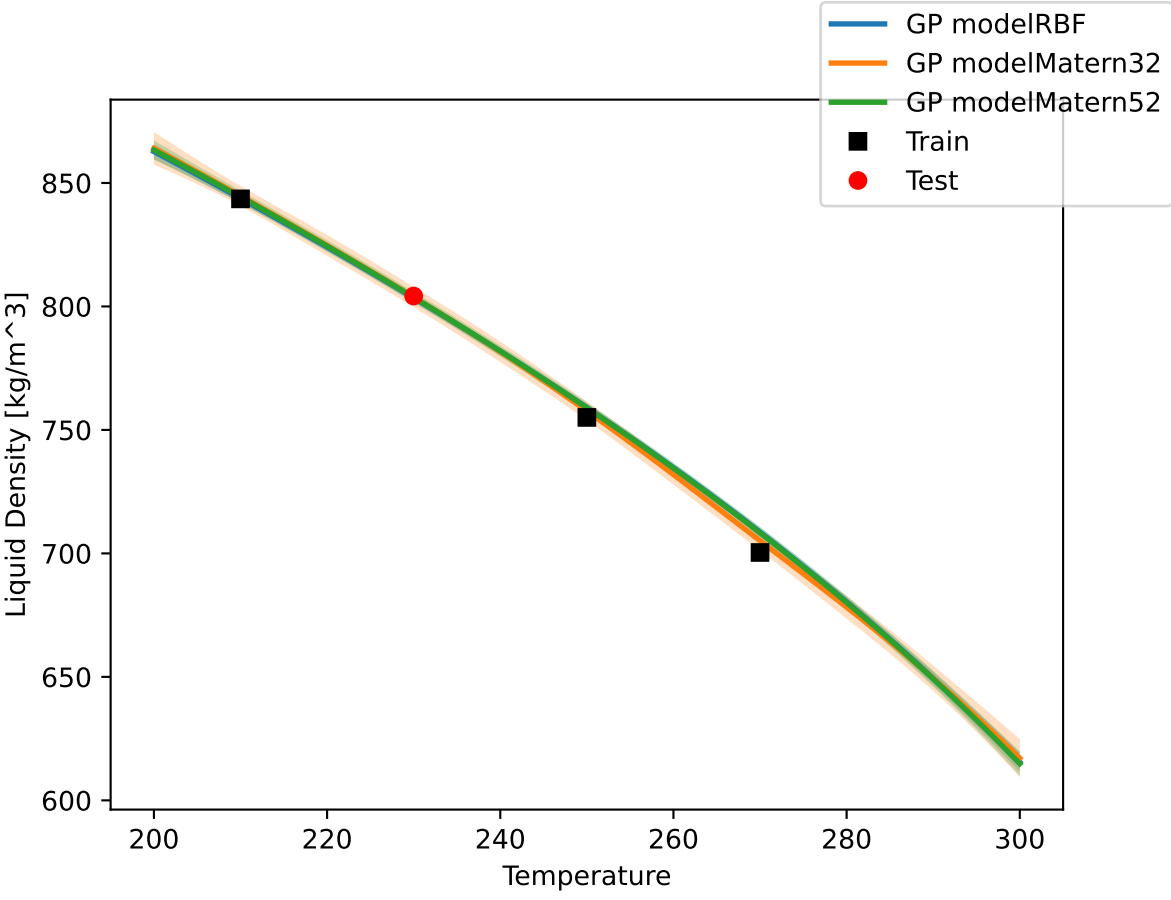

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

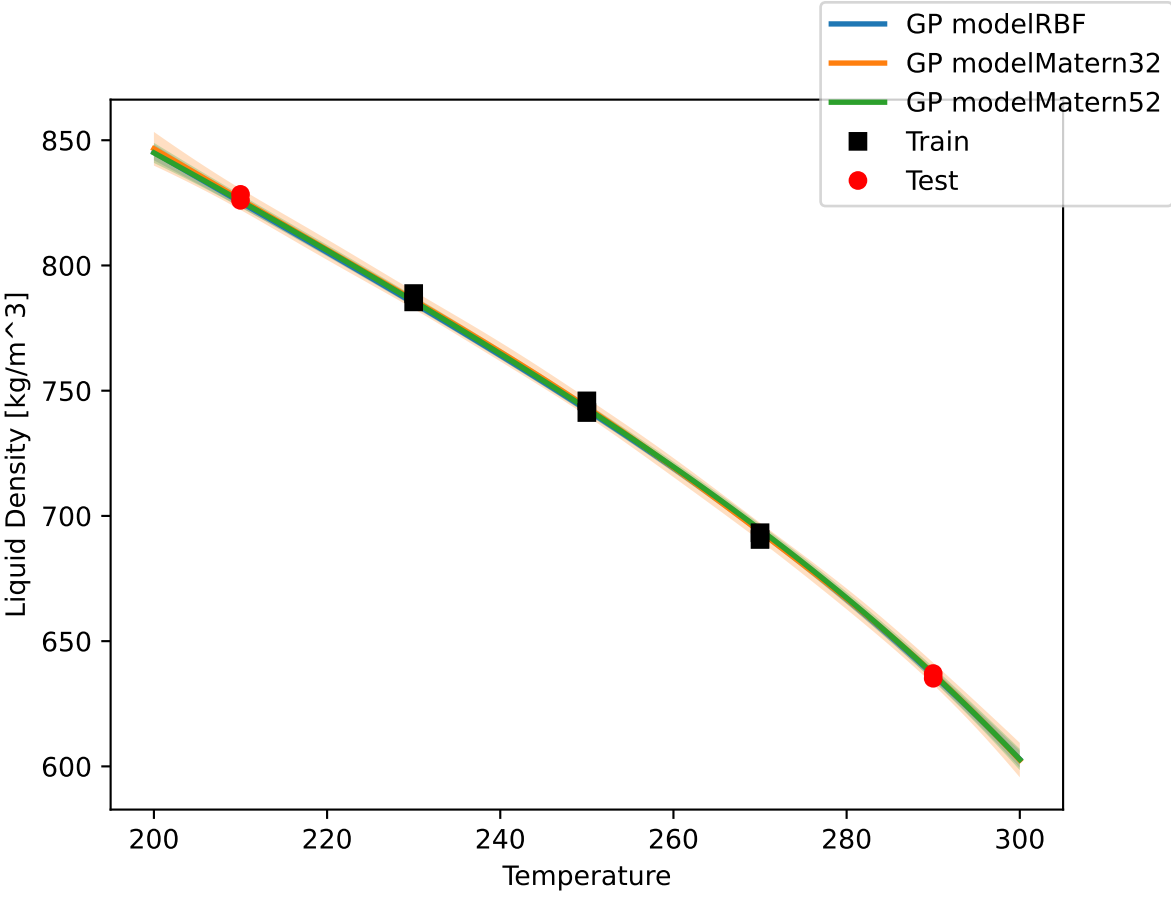

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

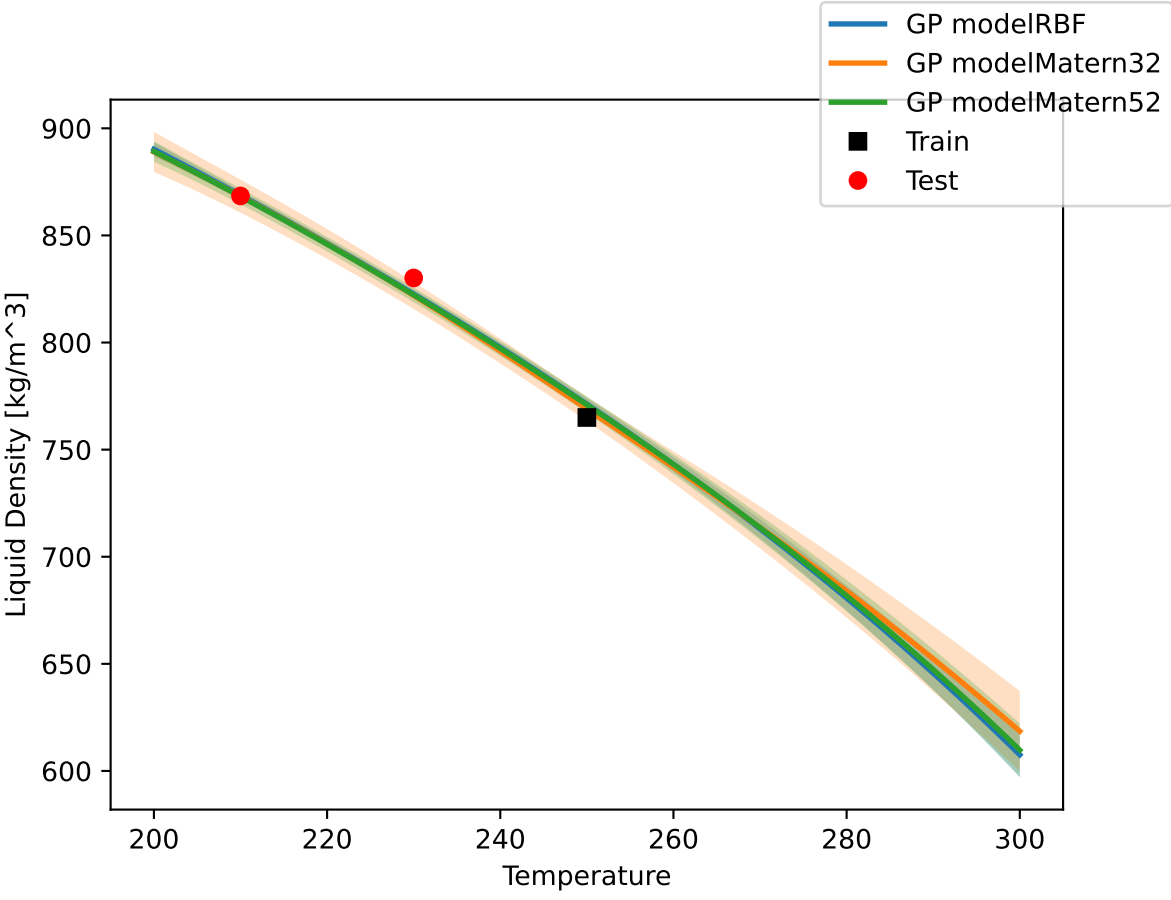

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

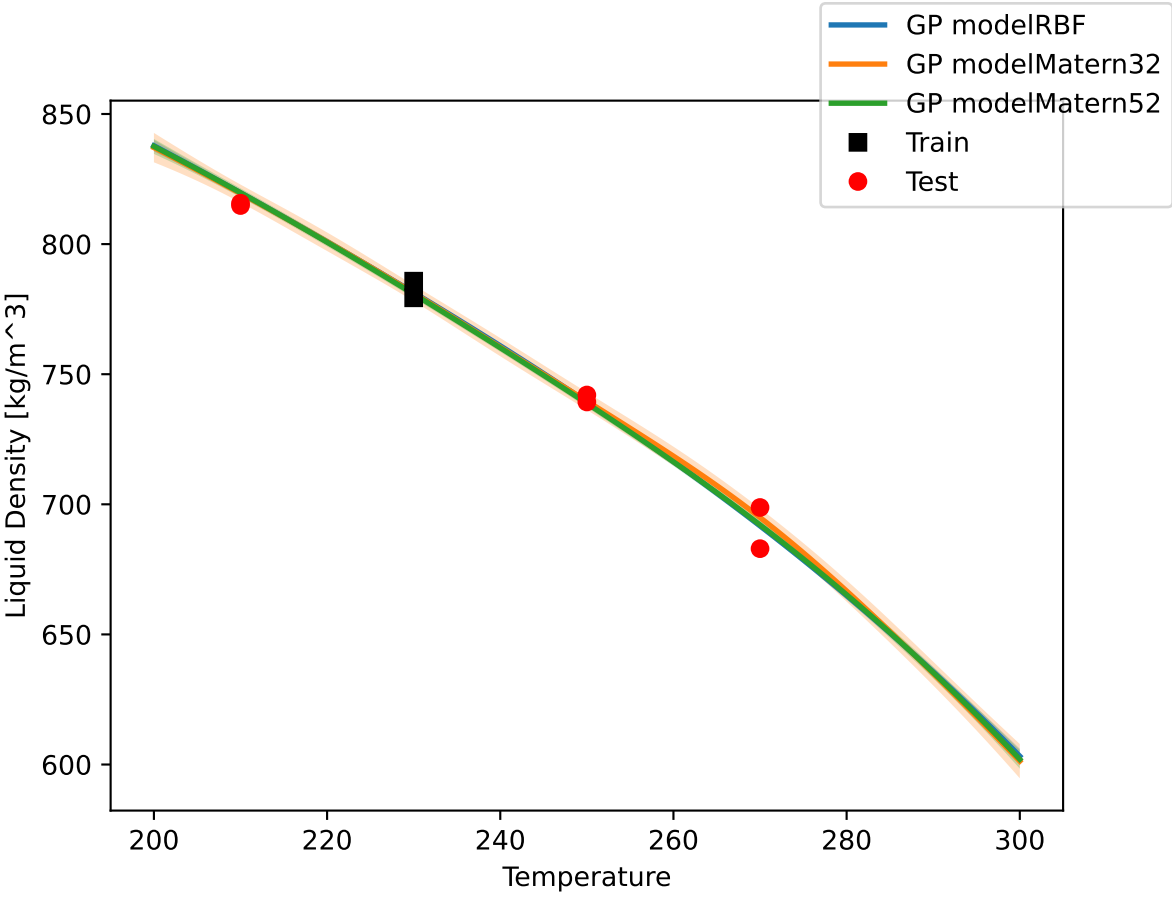

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

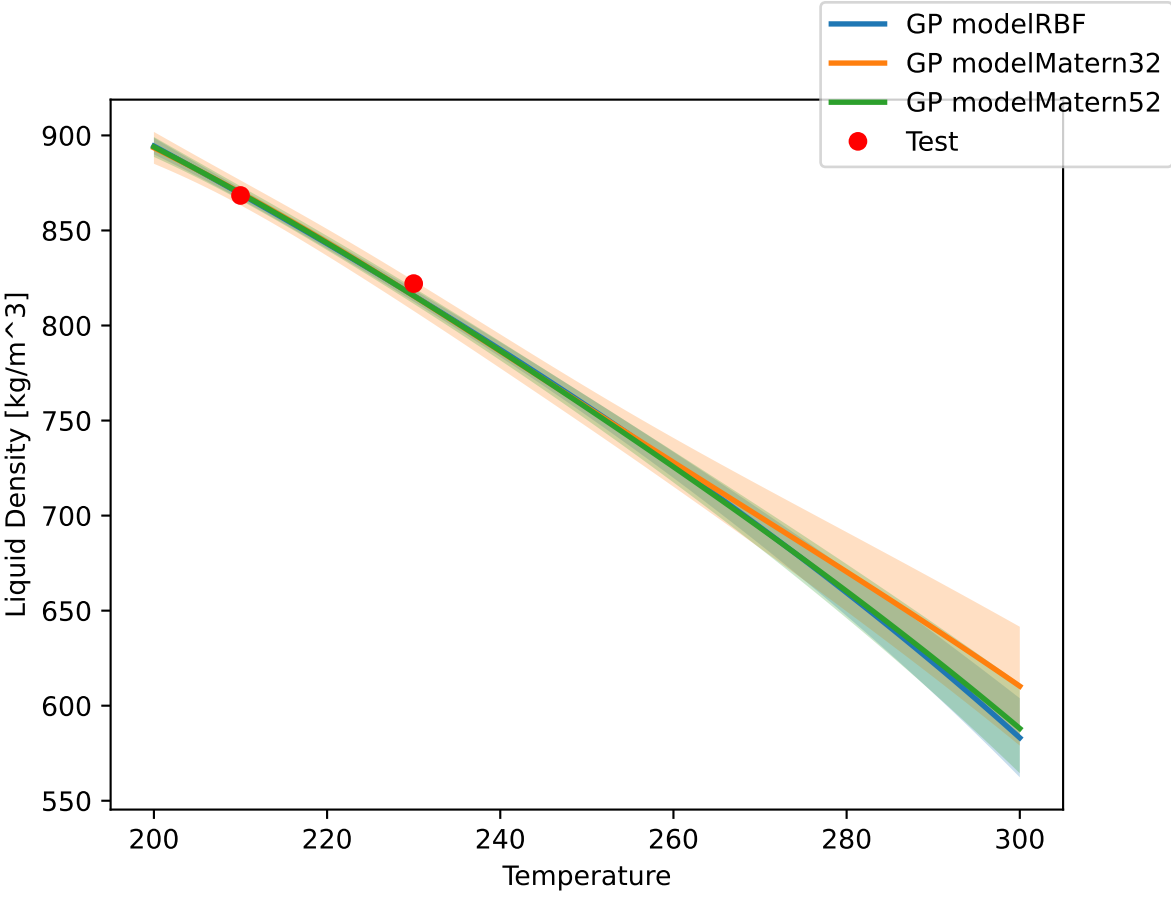

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

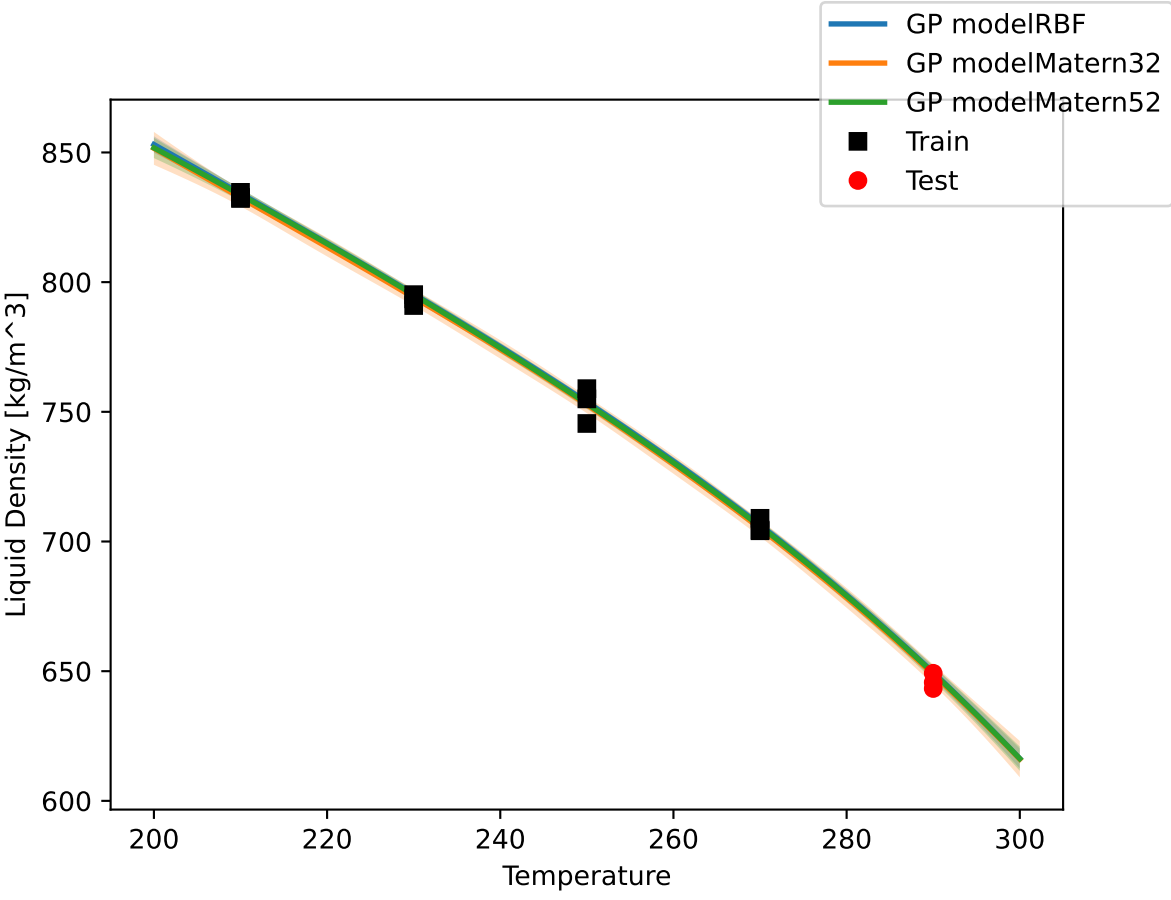

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

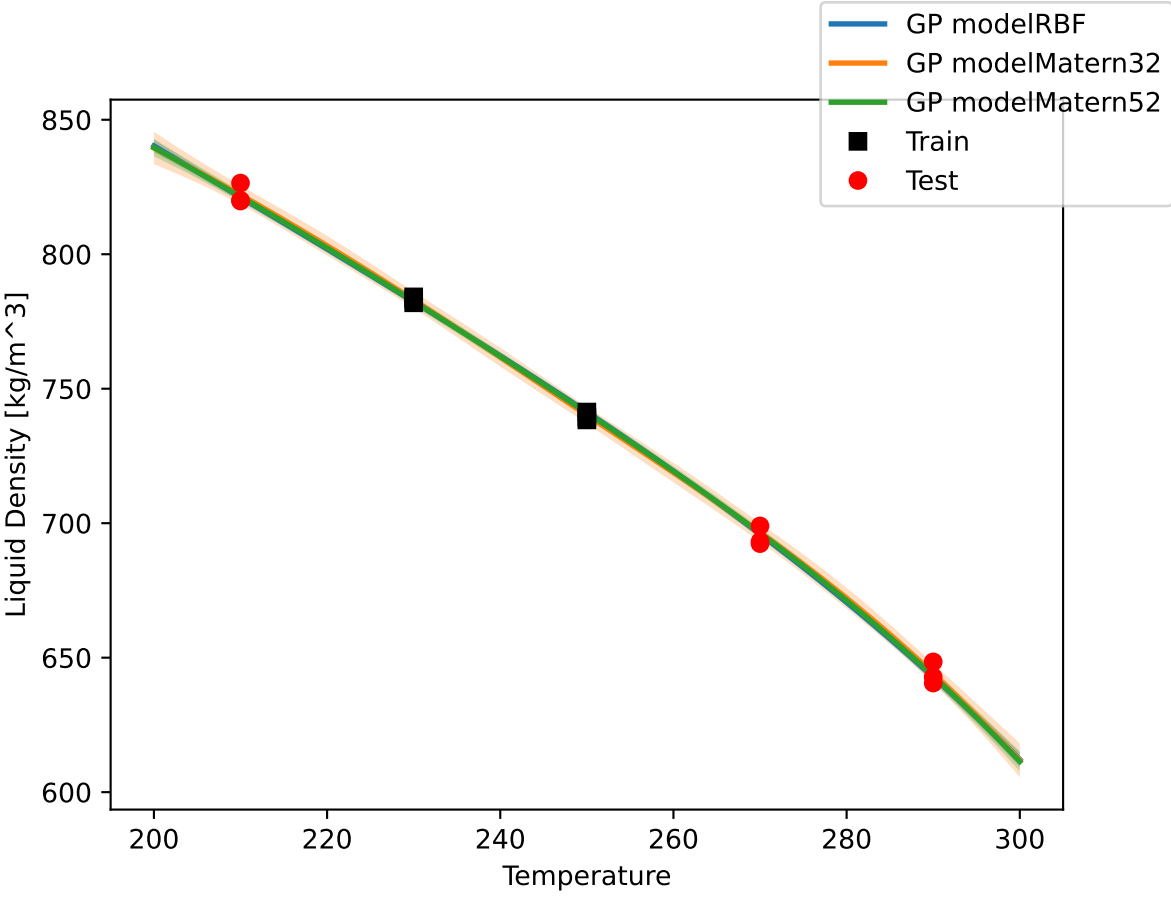

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

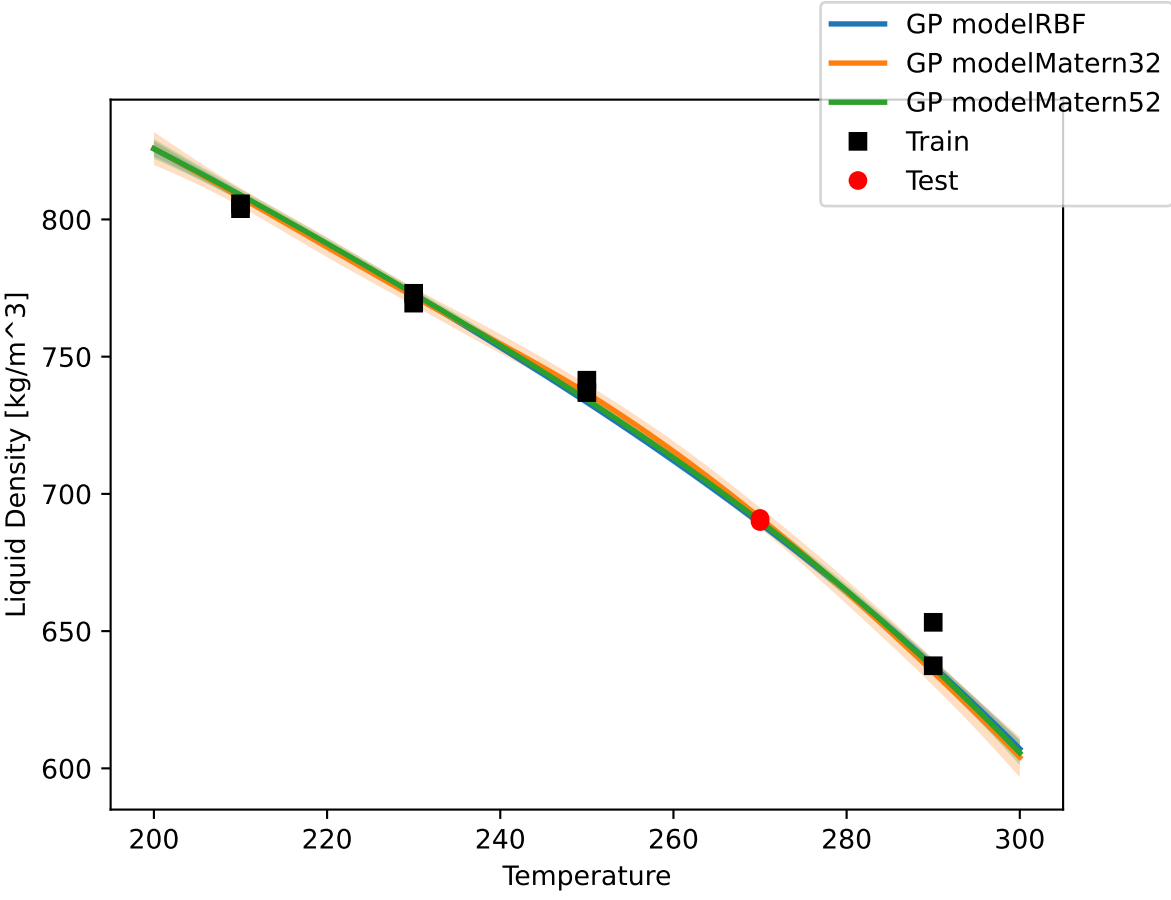

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

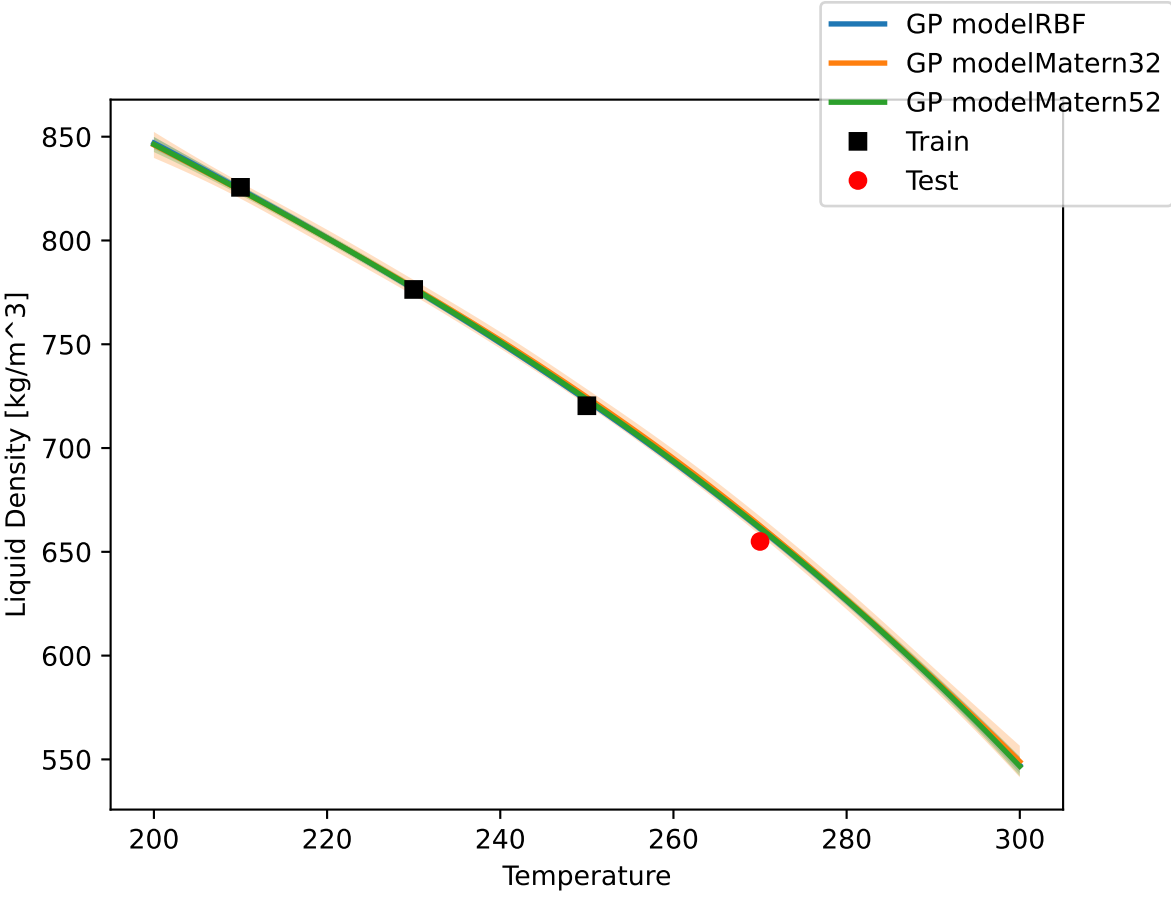

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

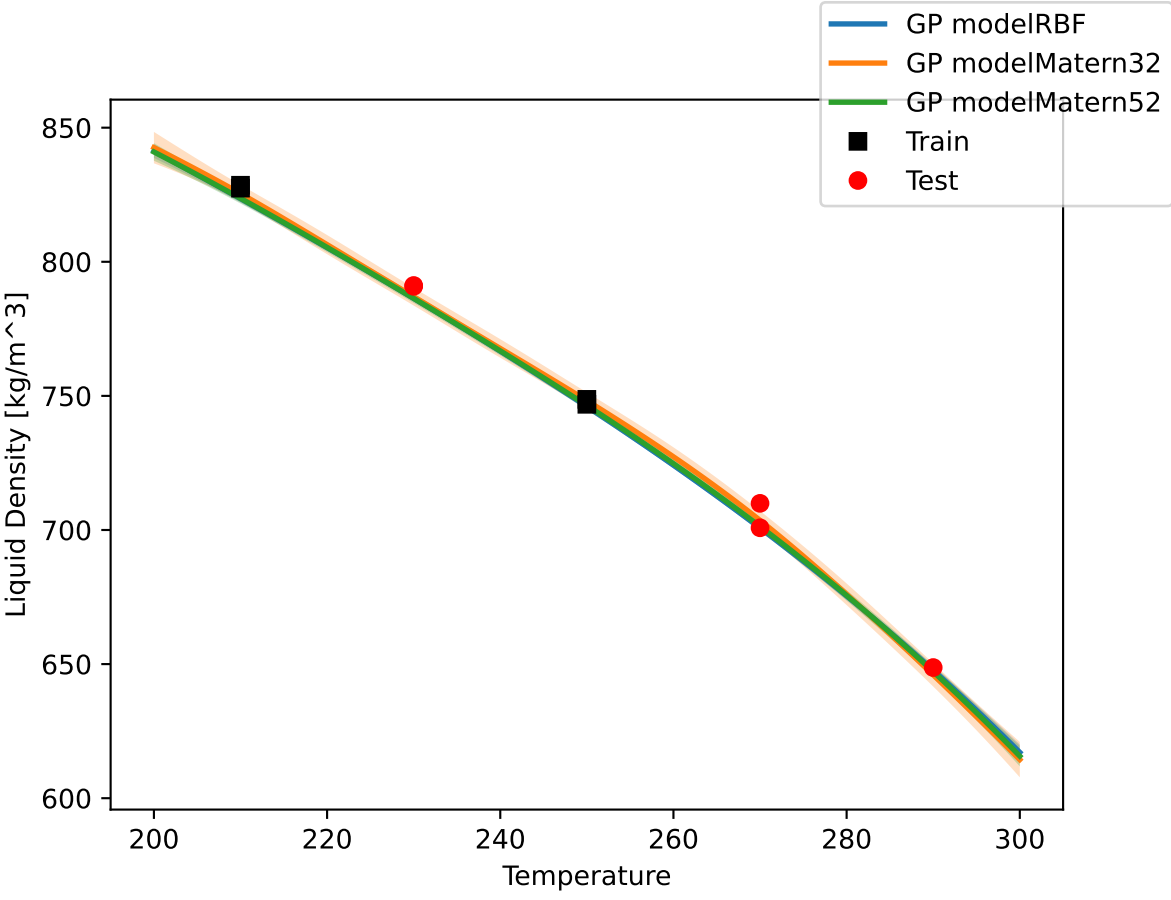

GP modelRBF
GP modelMatern32
GP modelMatern52
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

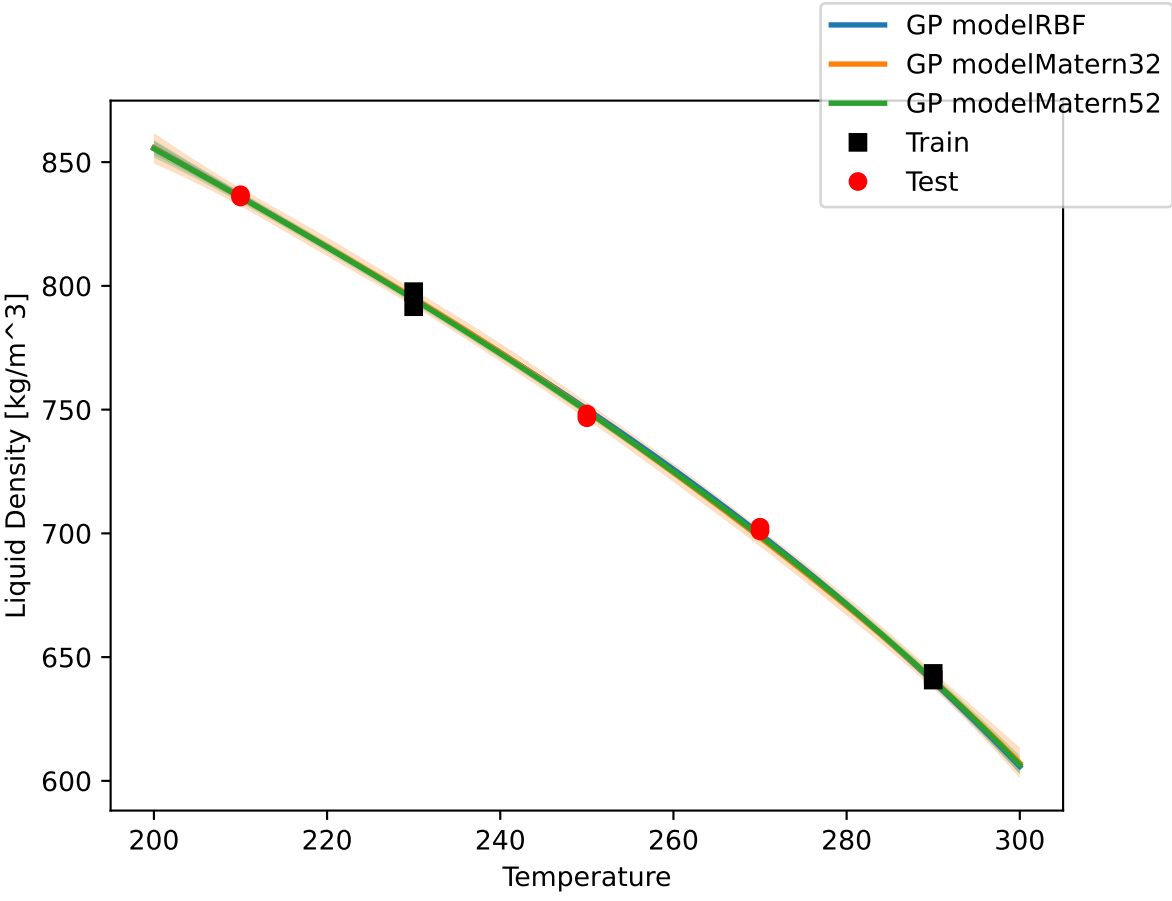

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

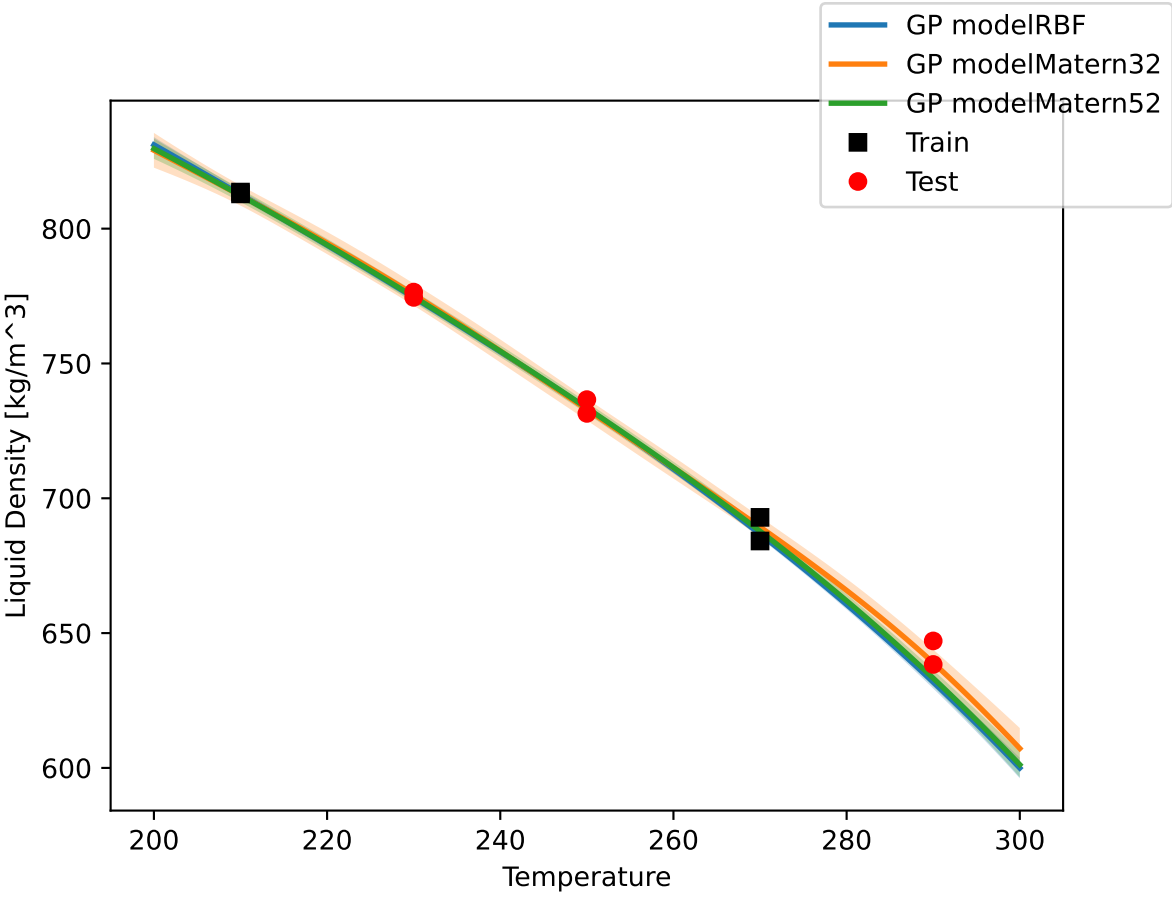

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

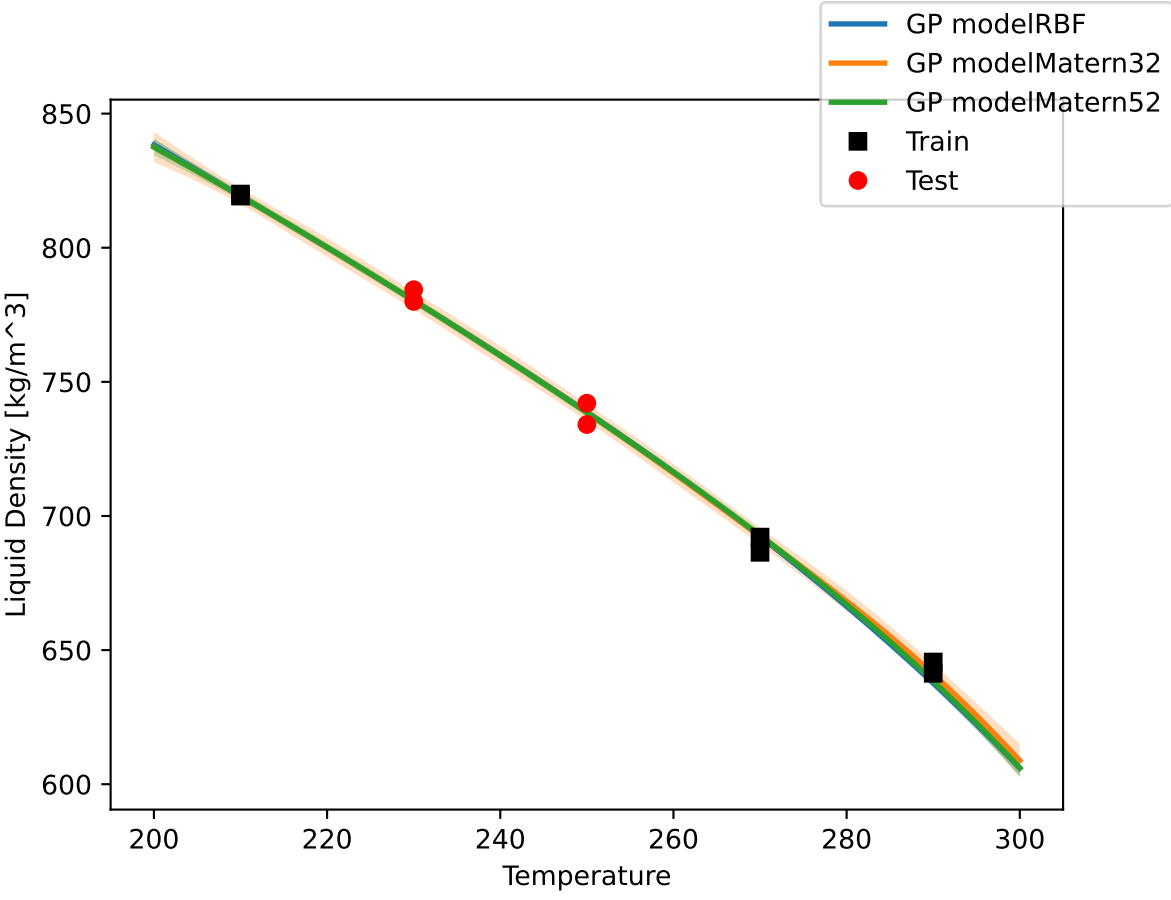

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

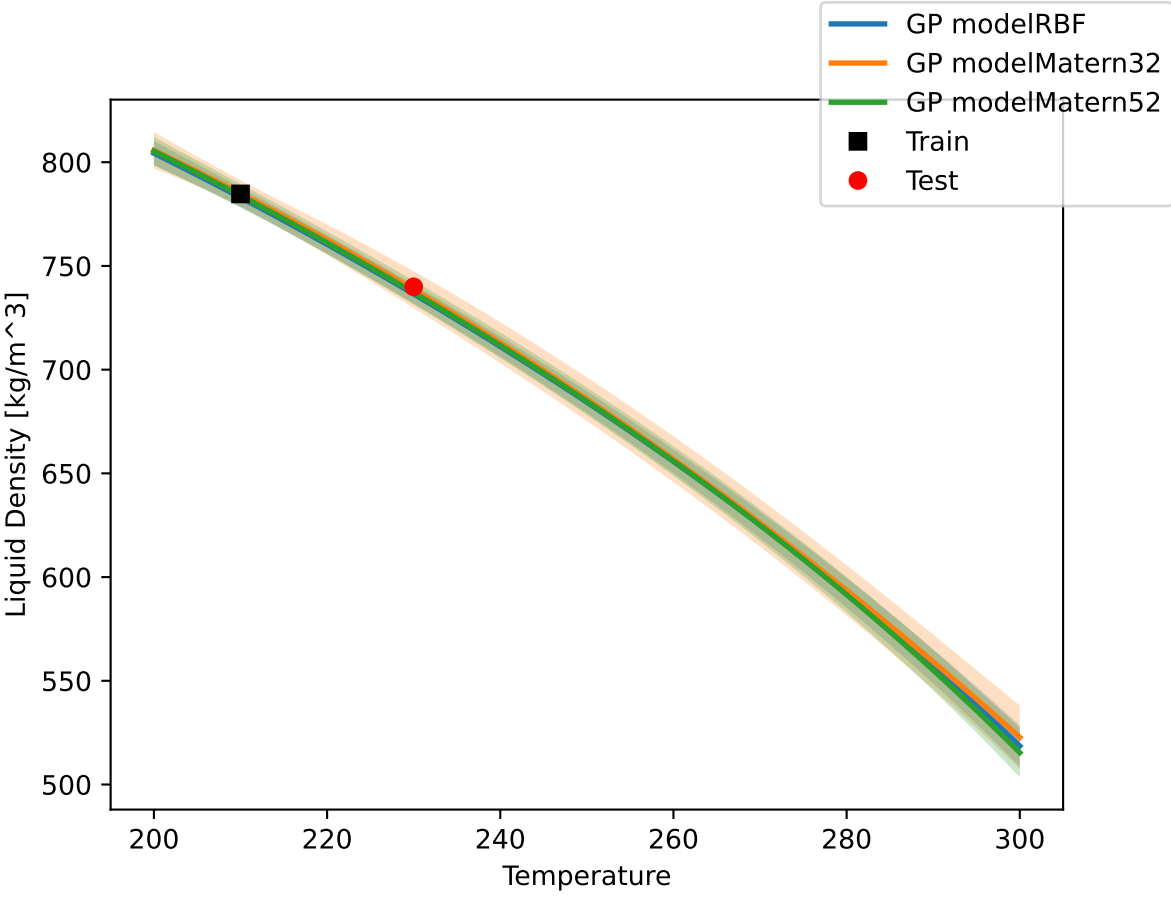

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

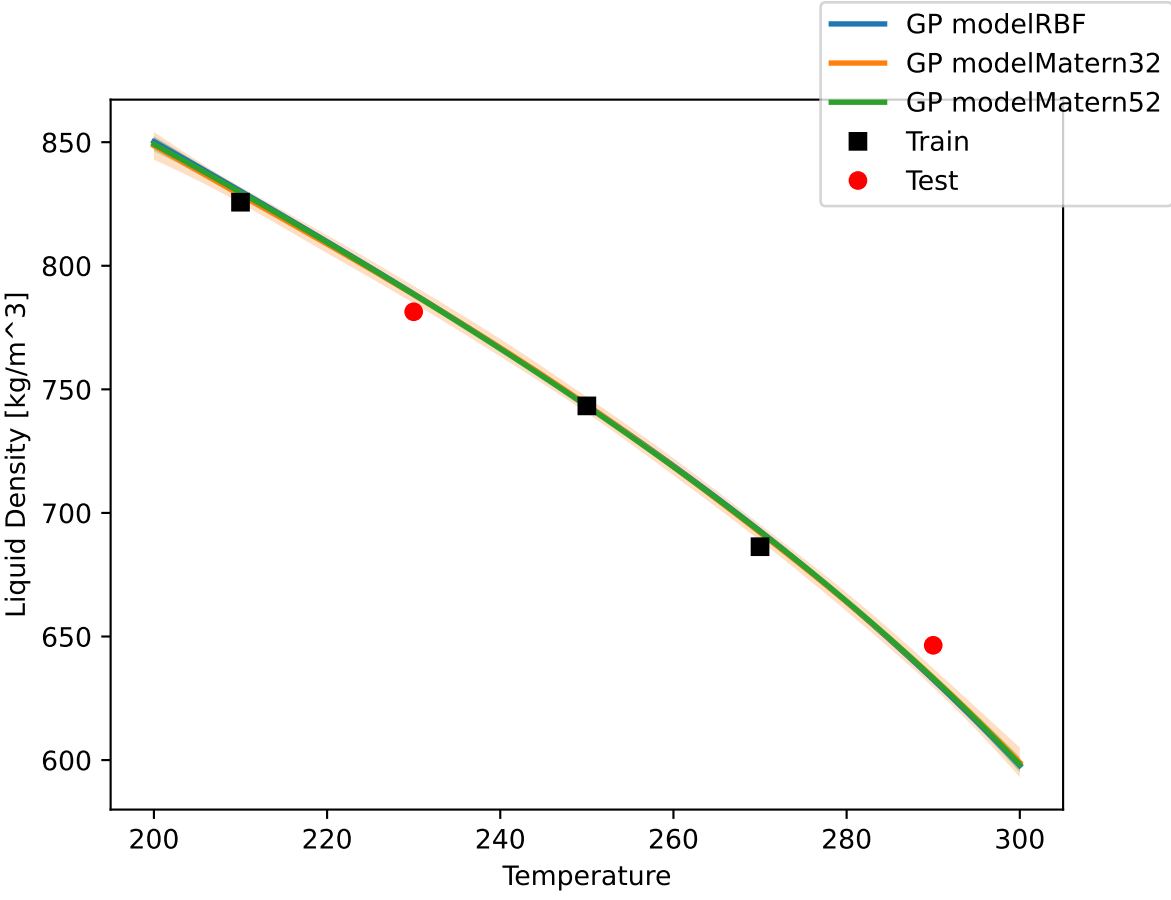

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

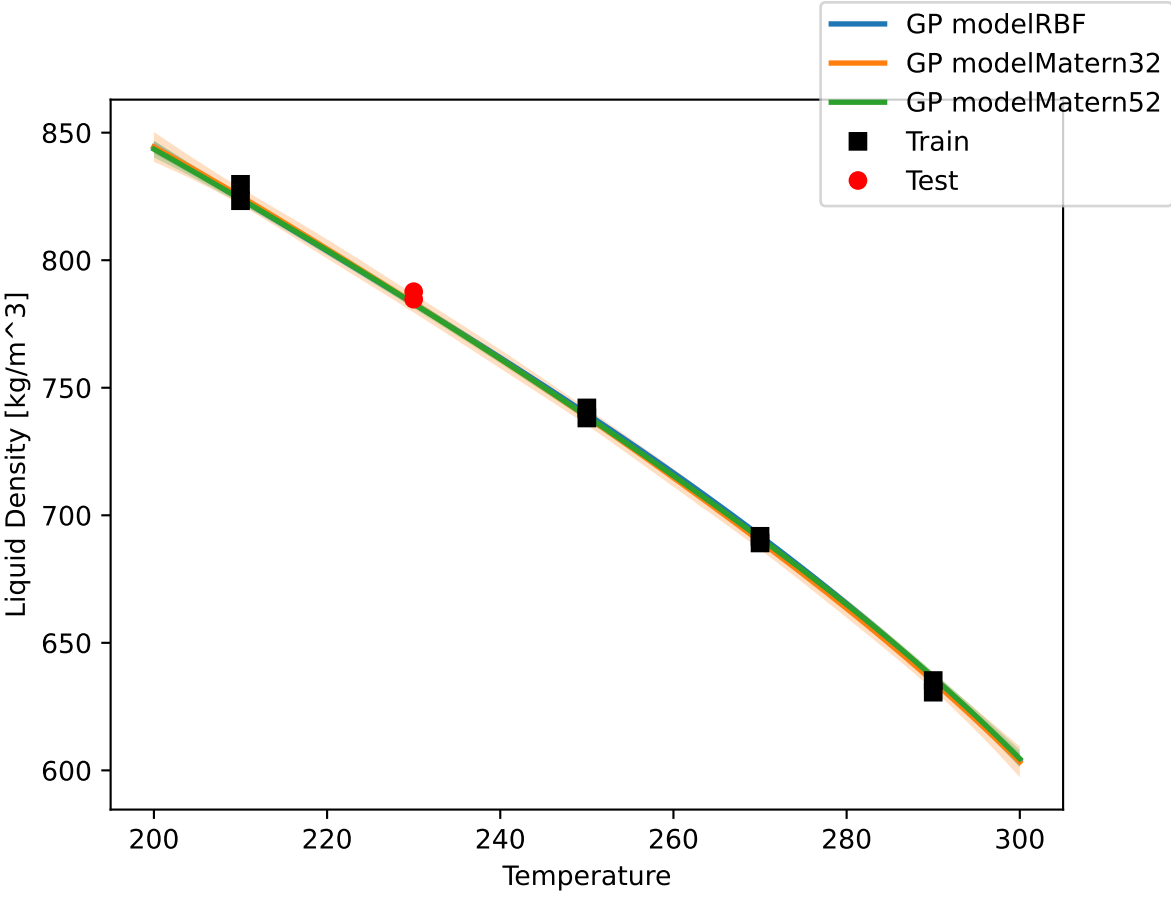

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

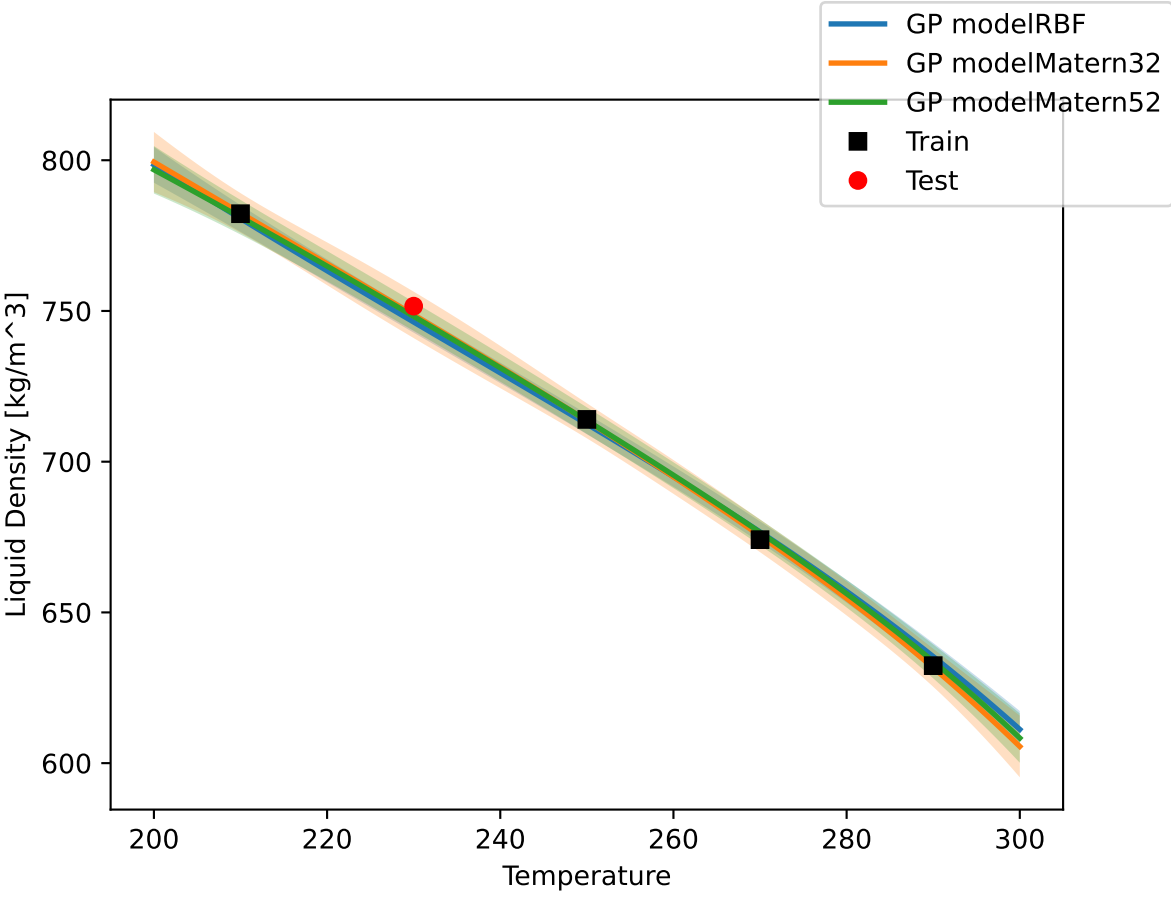

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

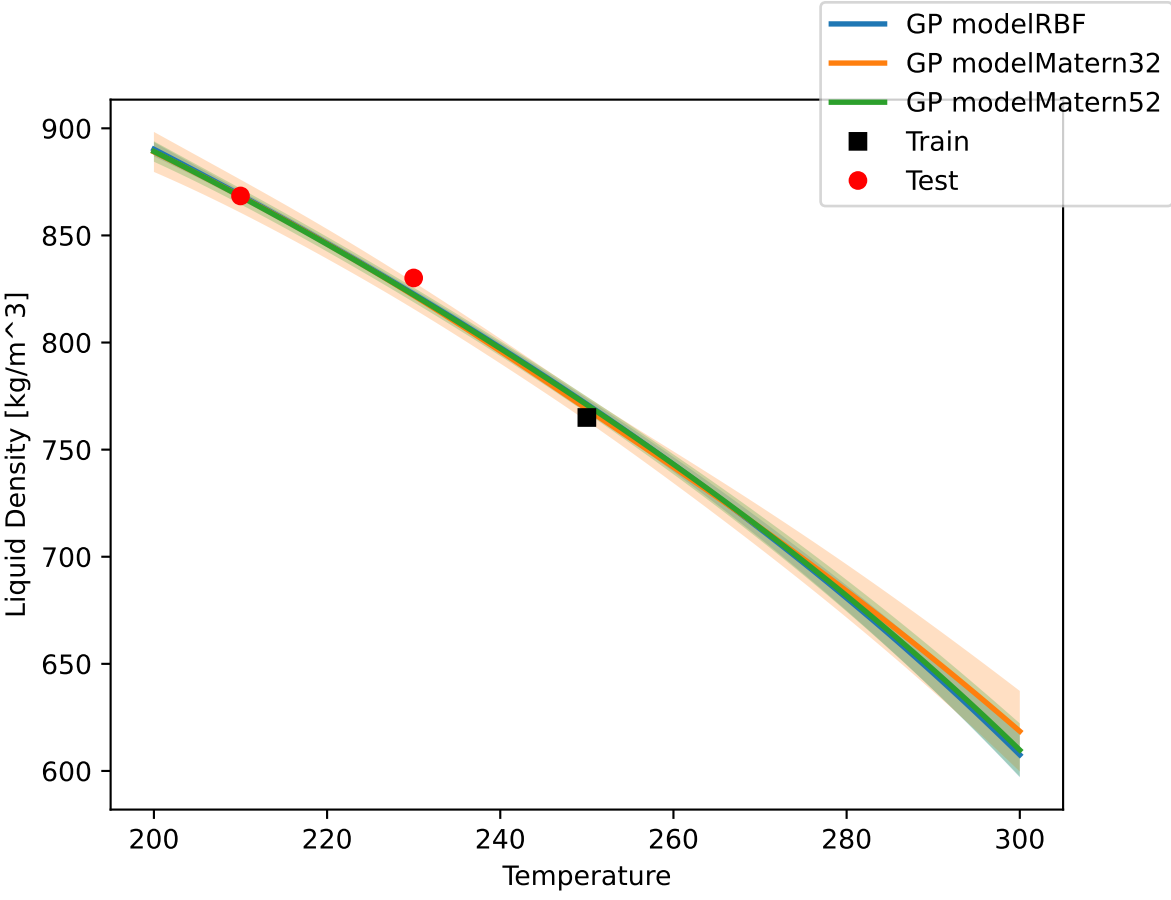

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

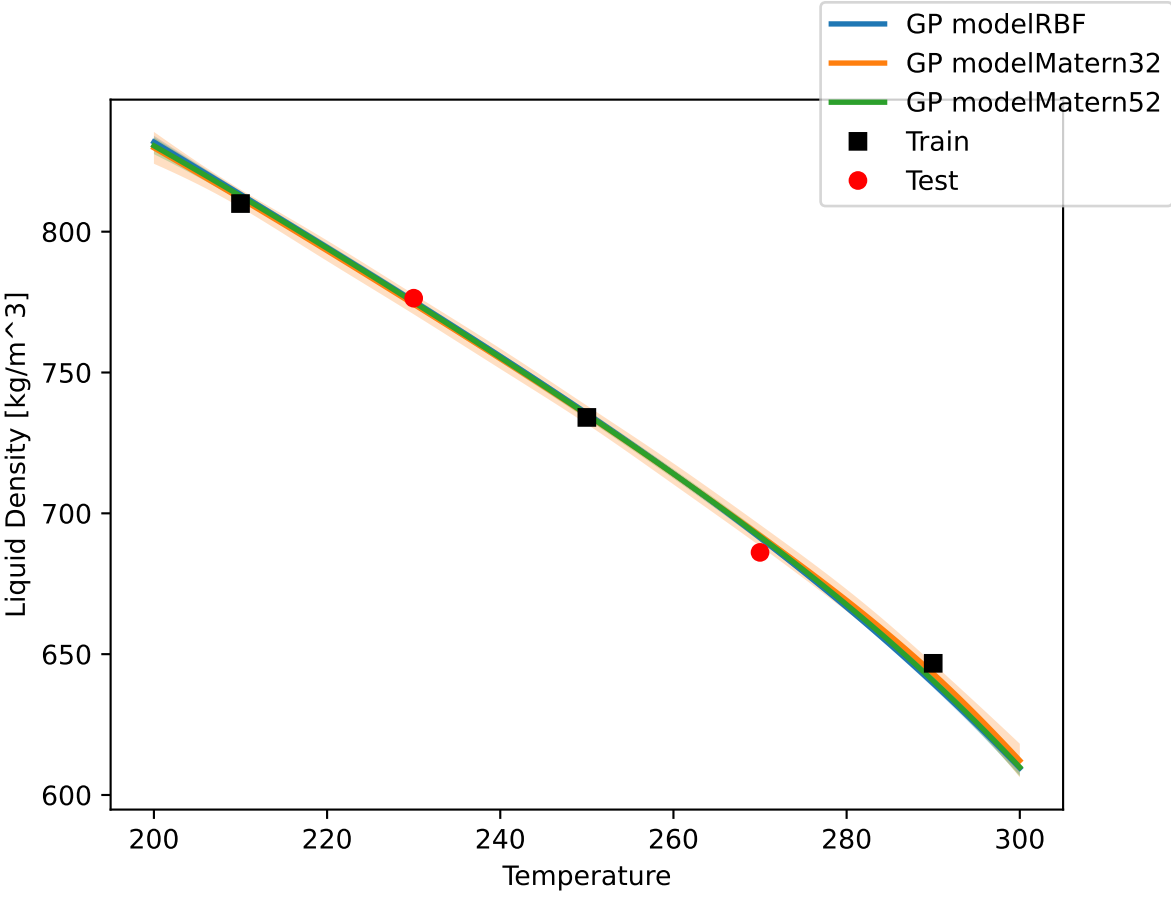

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
800
750
700
650
600
550
500
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

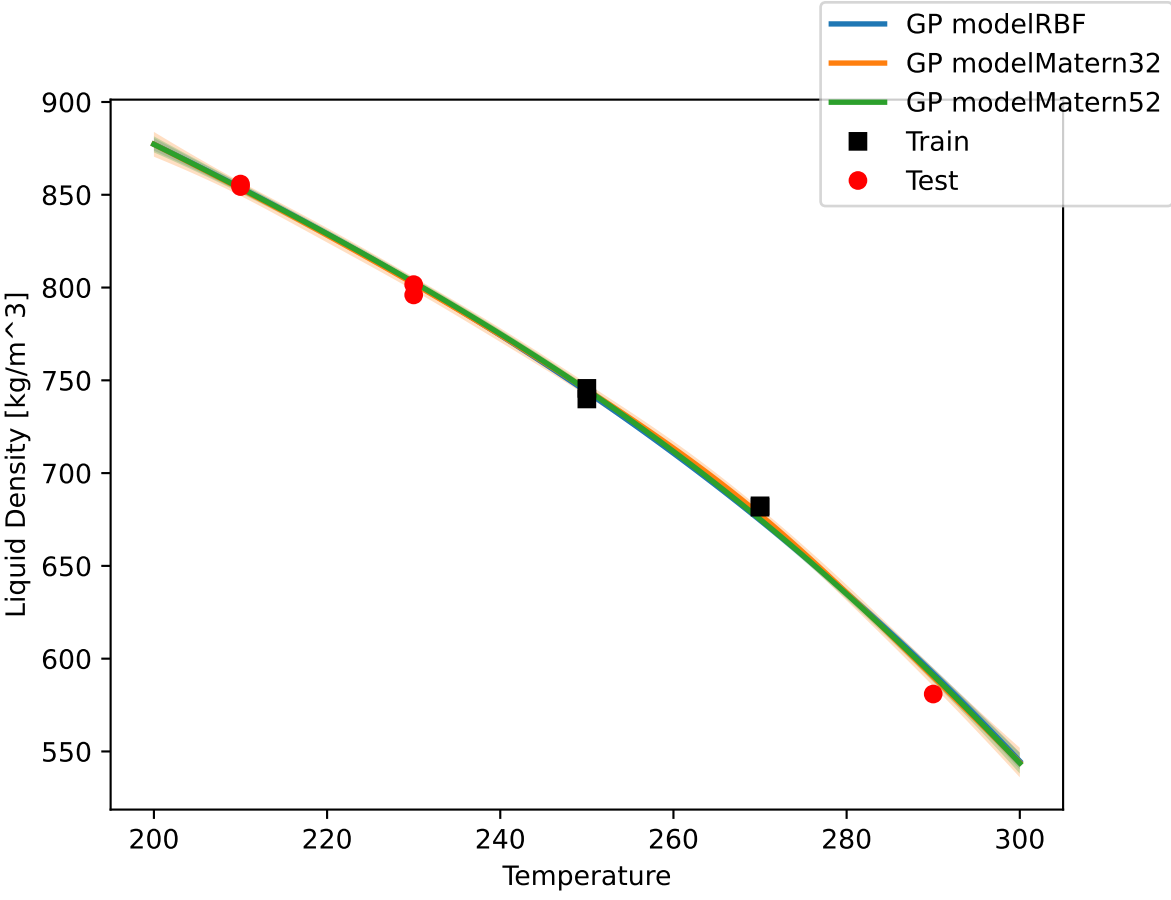

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

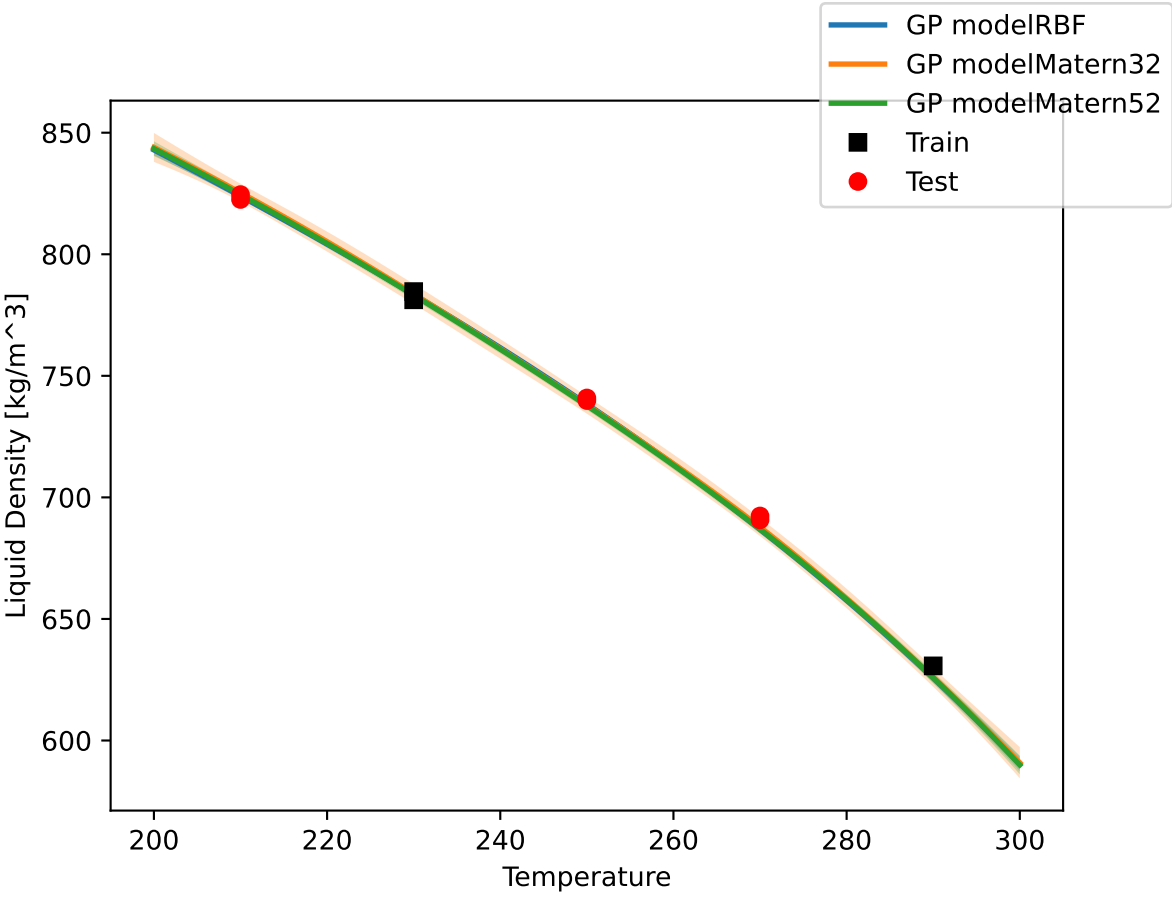

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

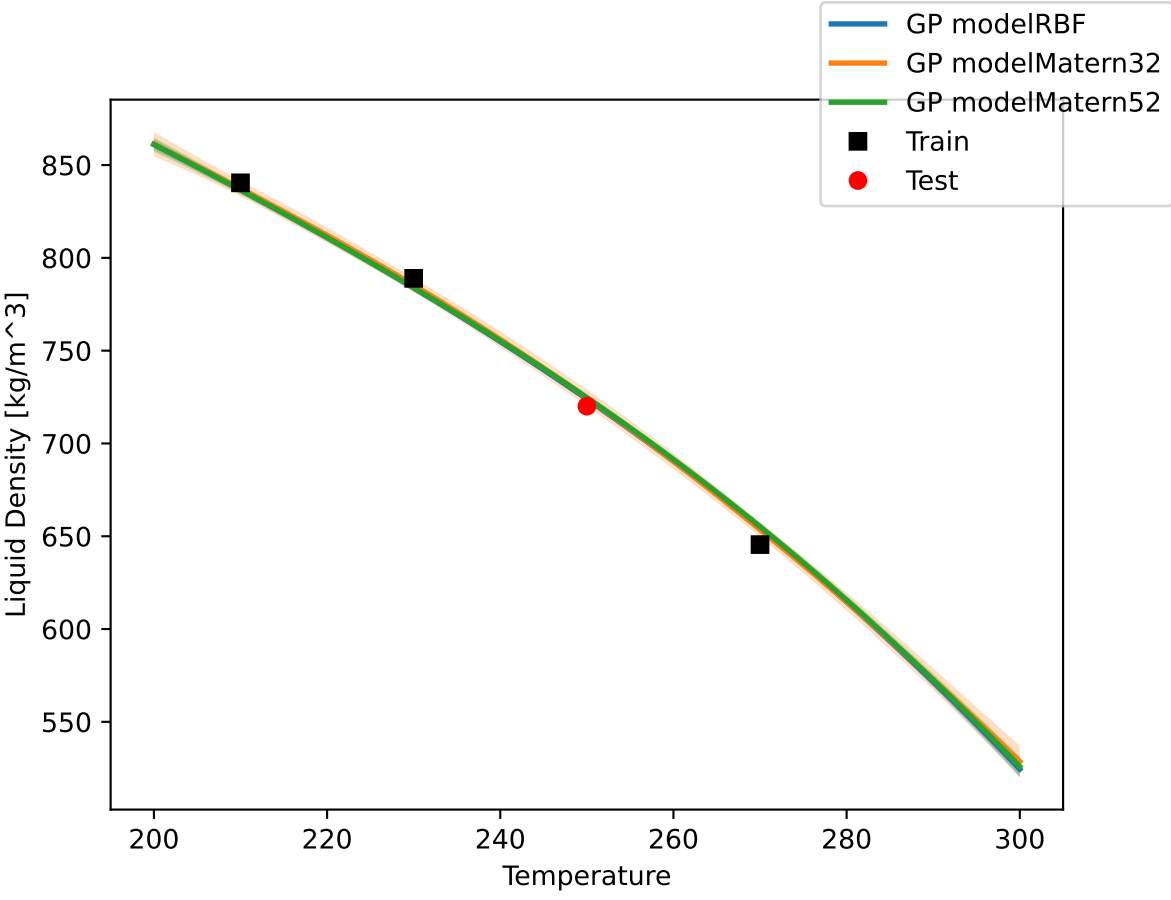

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

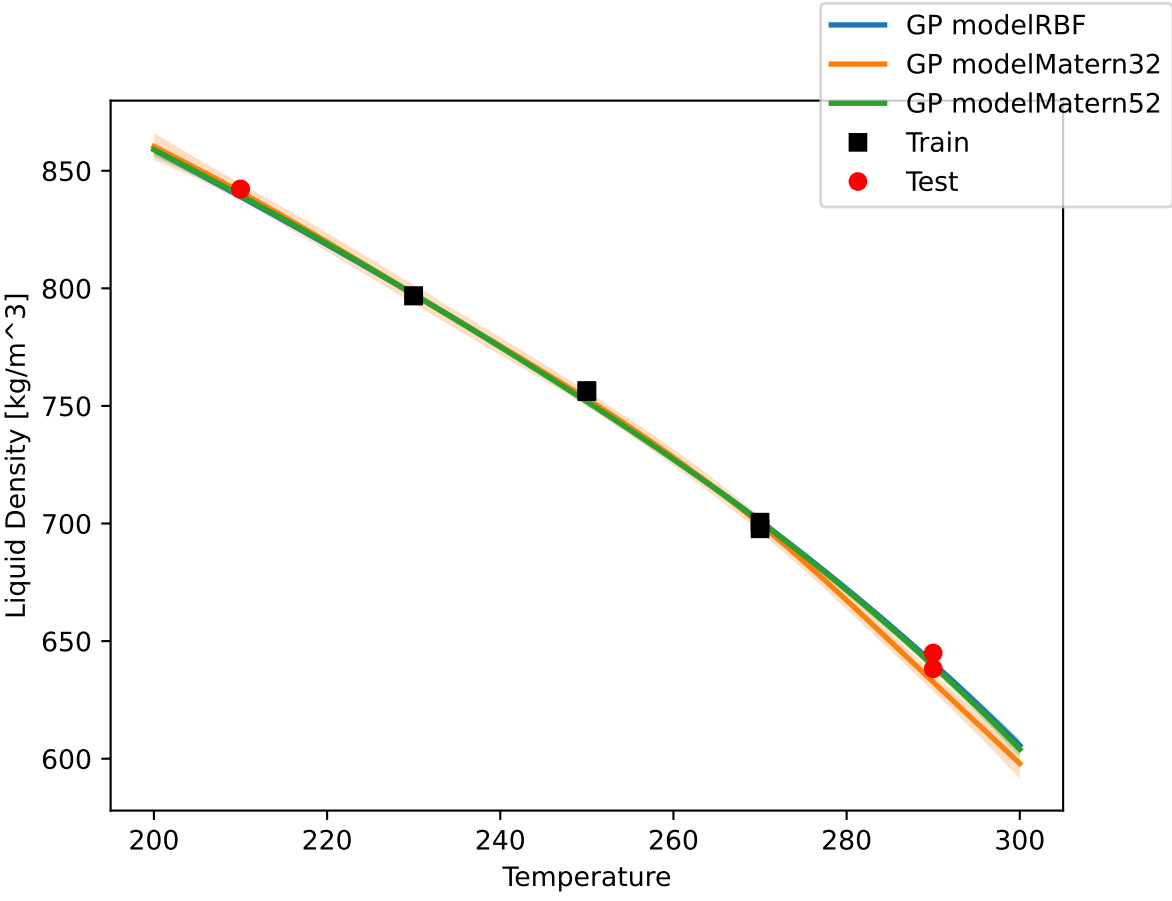

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

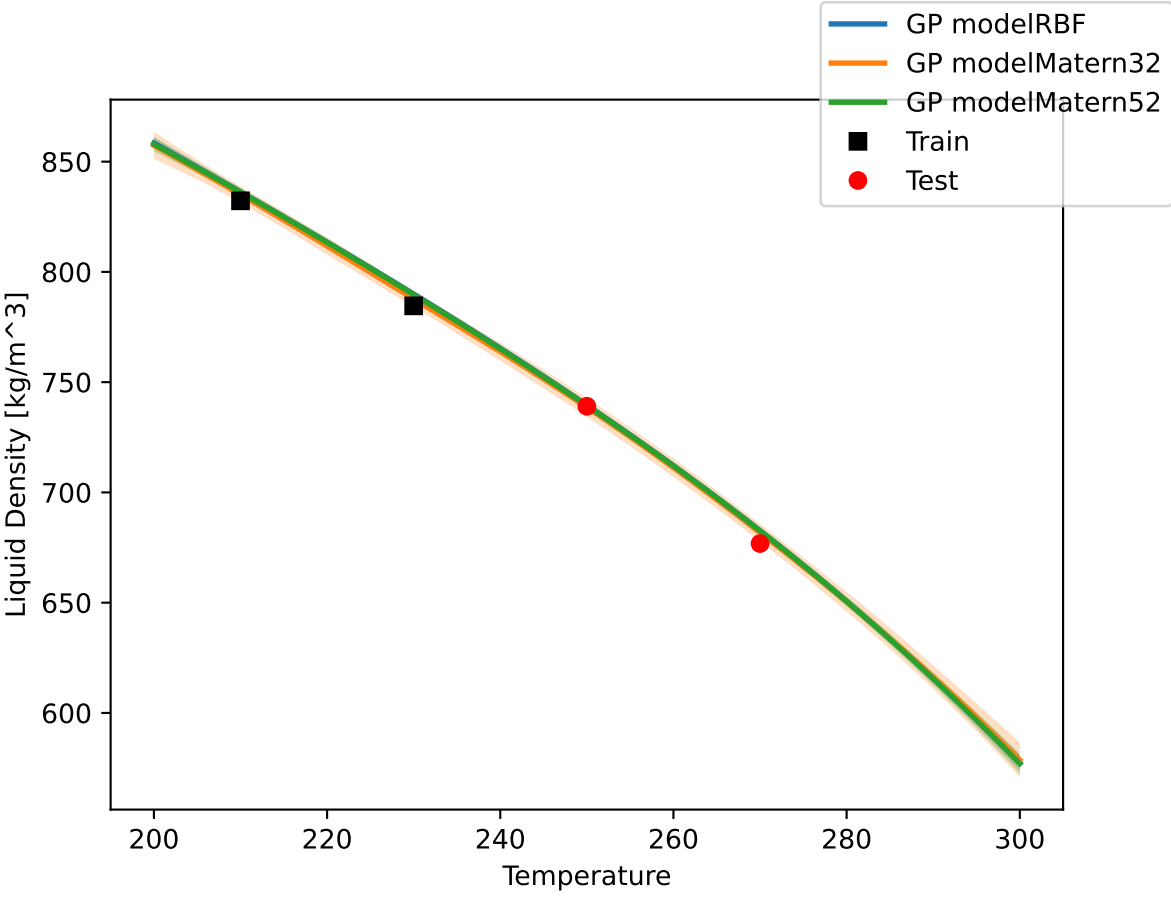

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

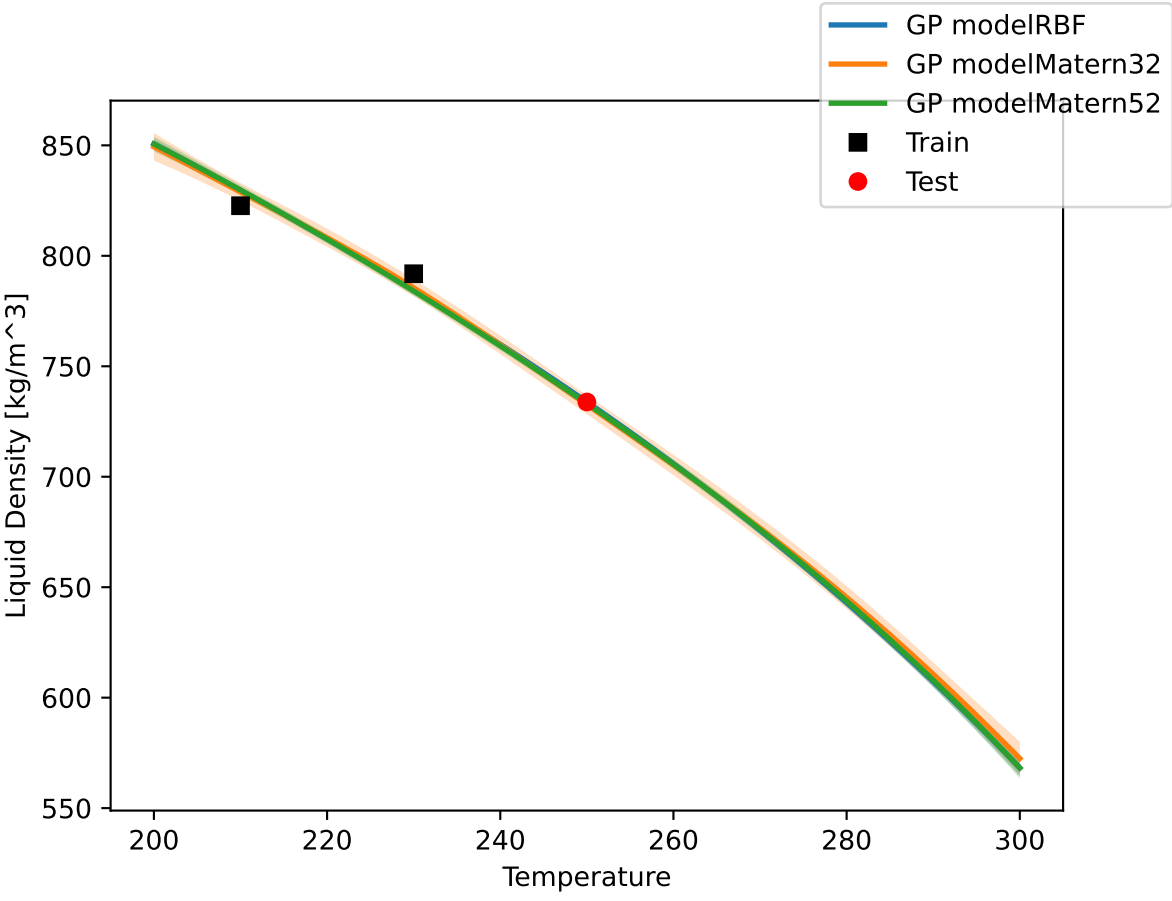

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

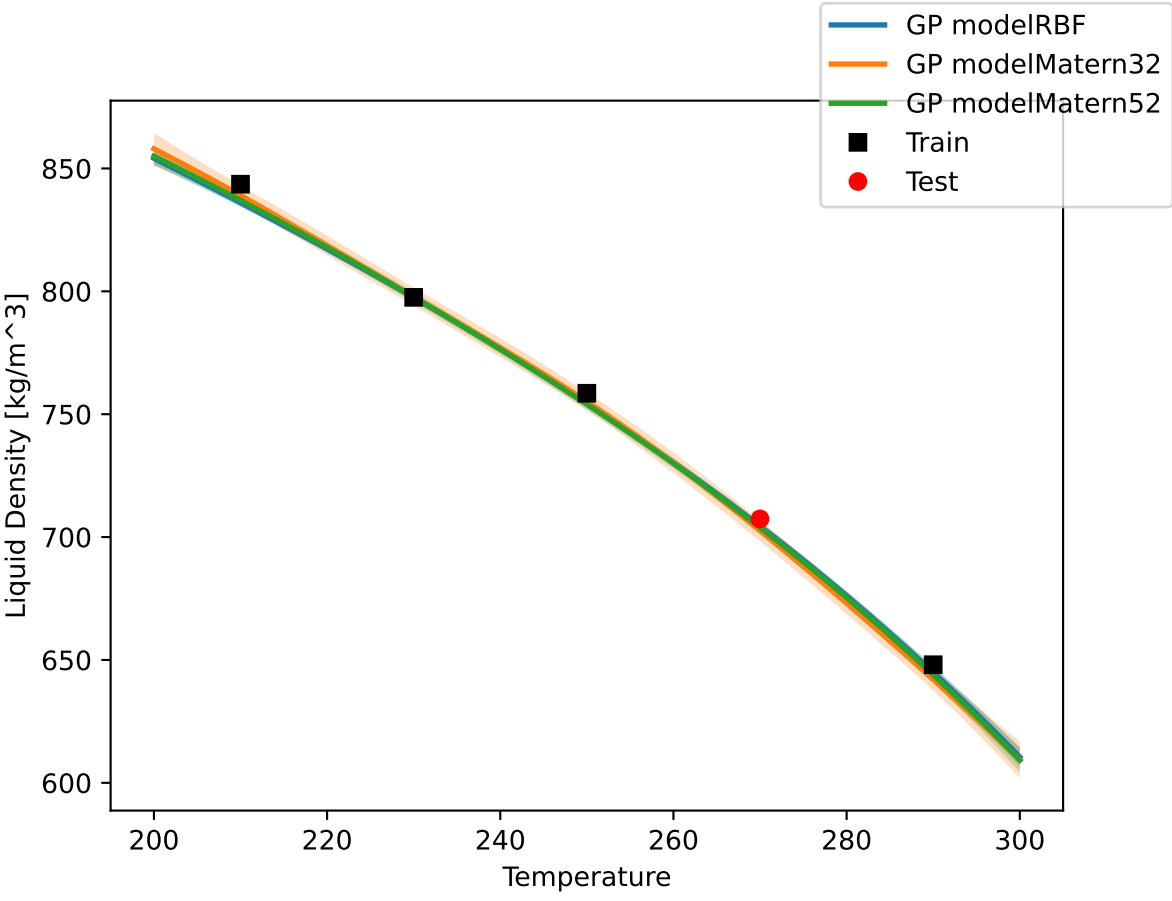

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

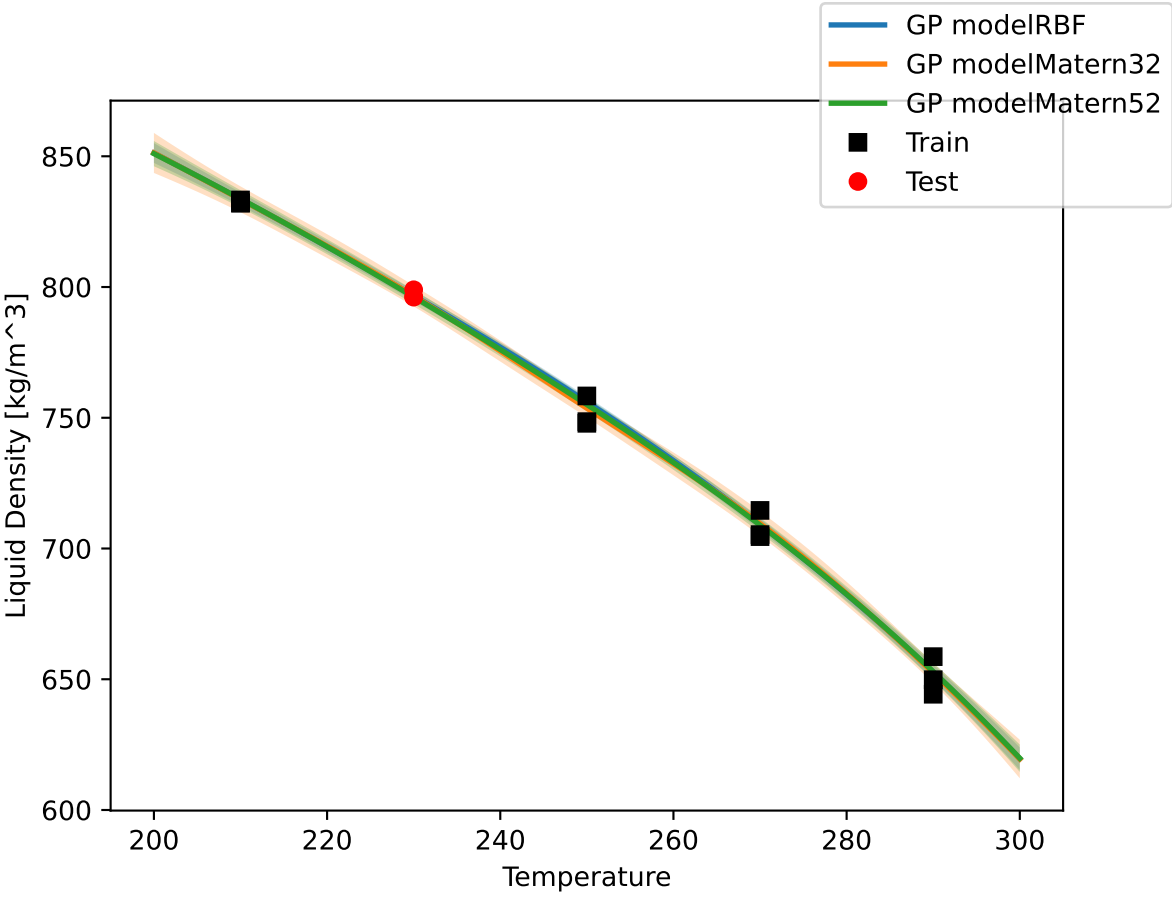

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

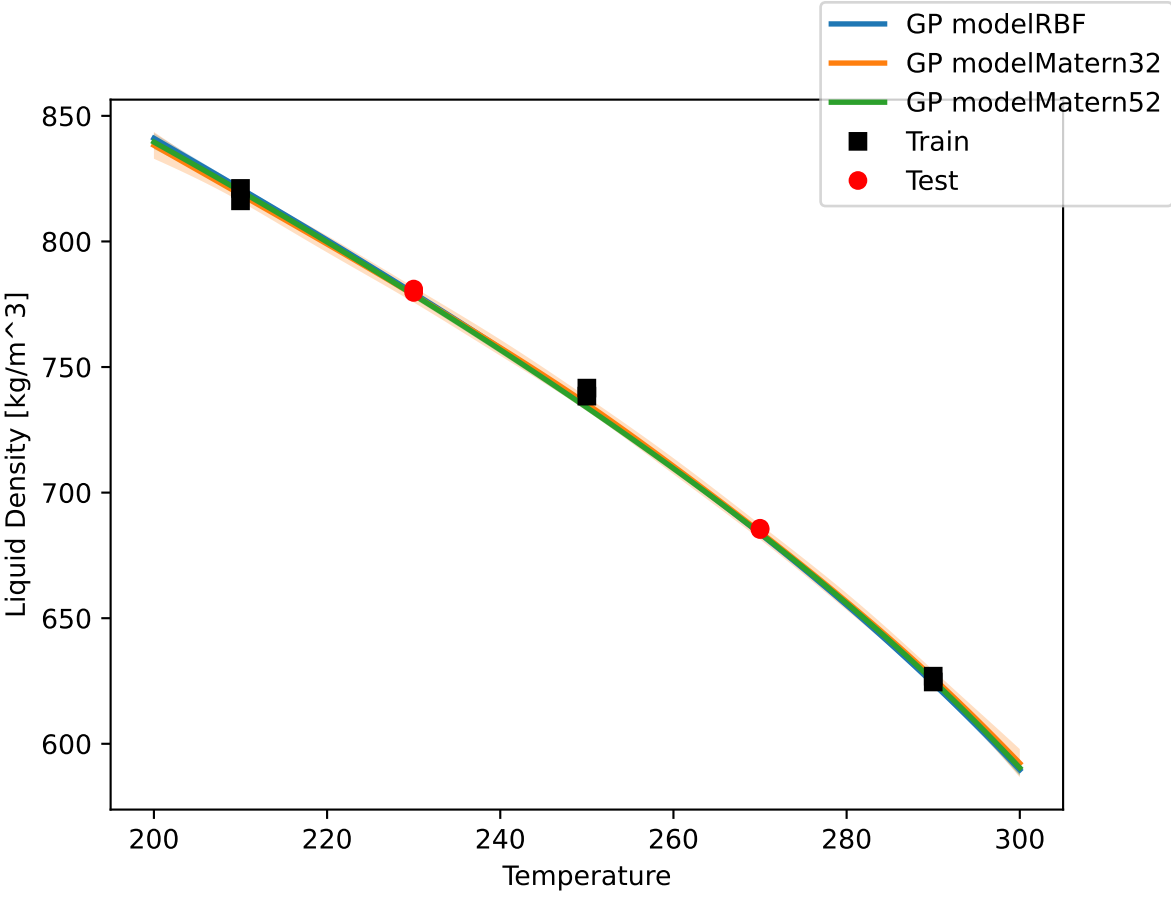

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

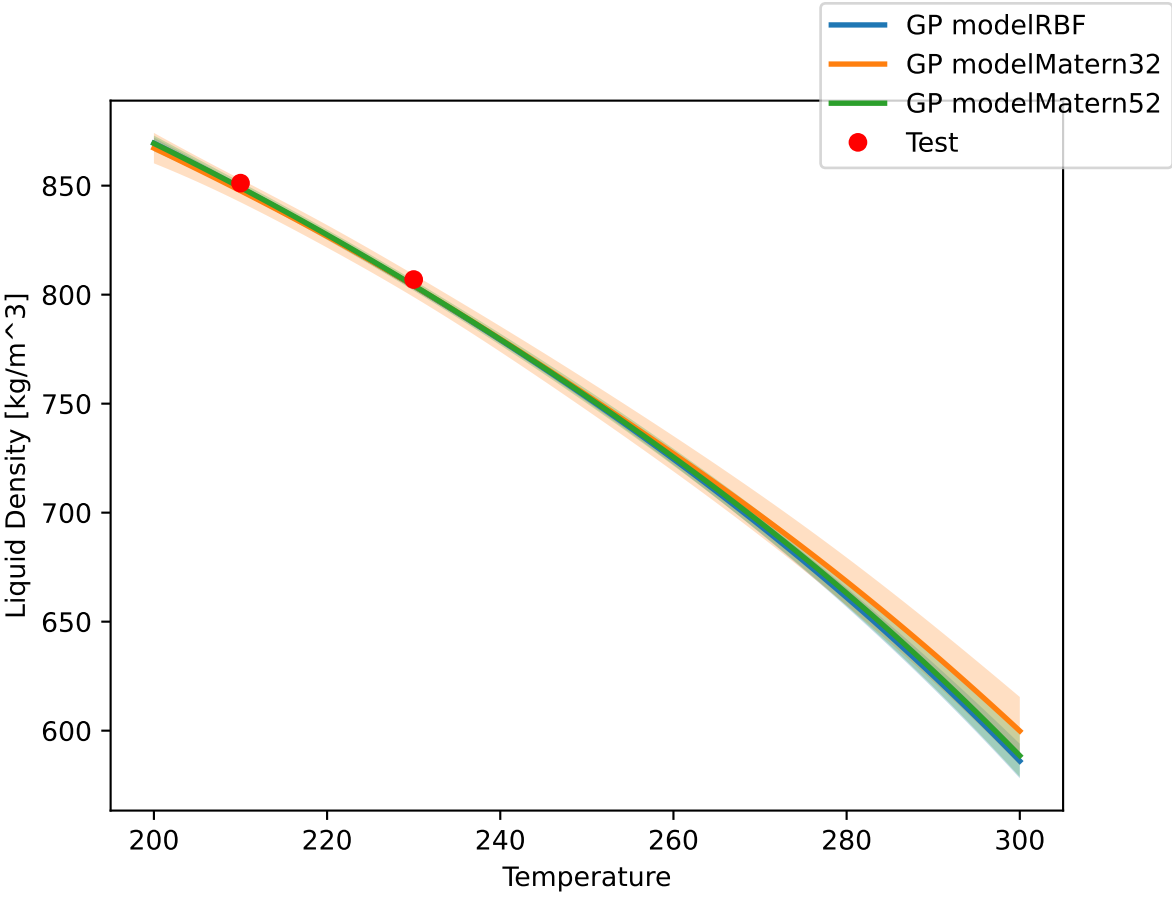

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

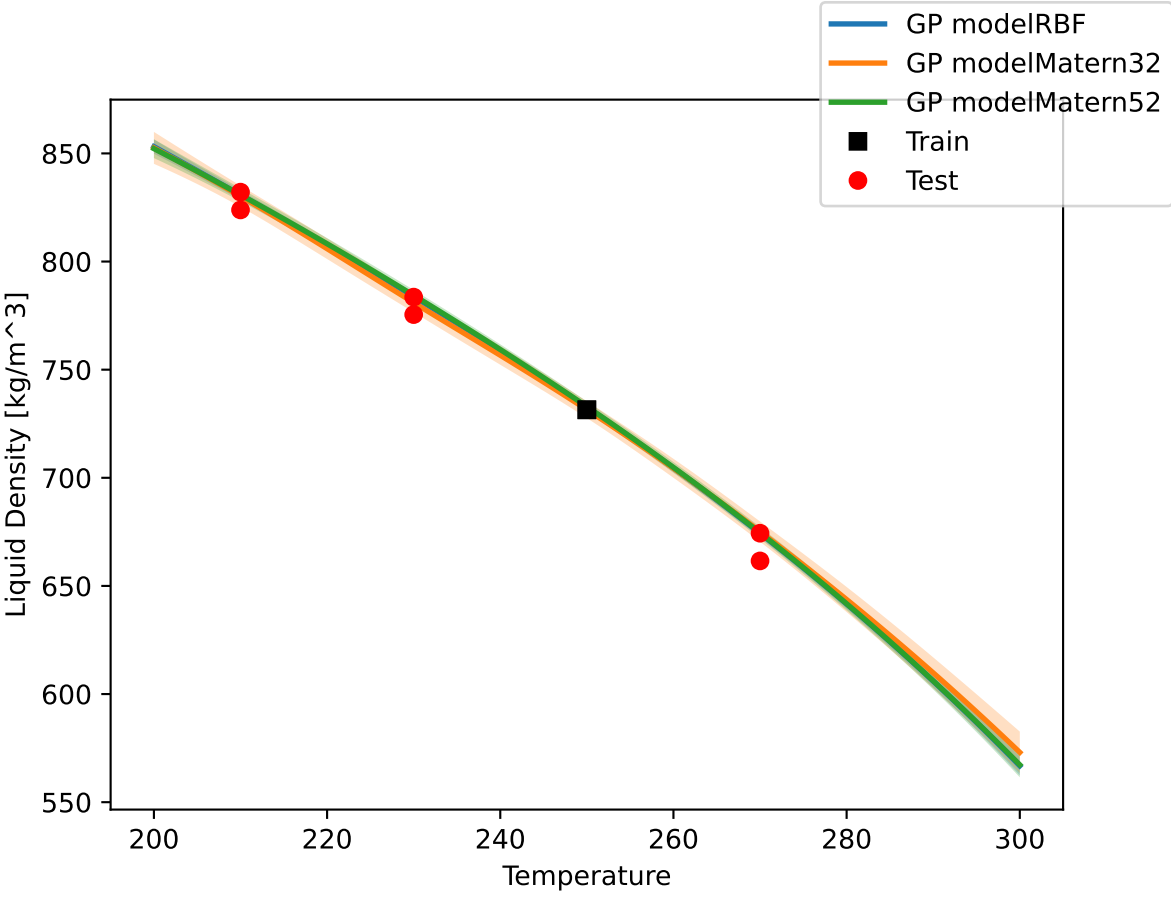

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

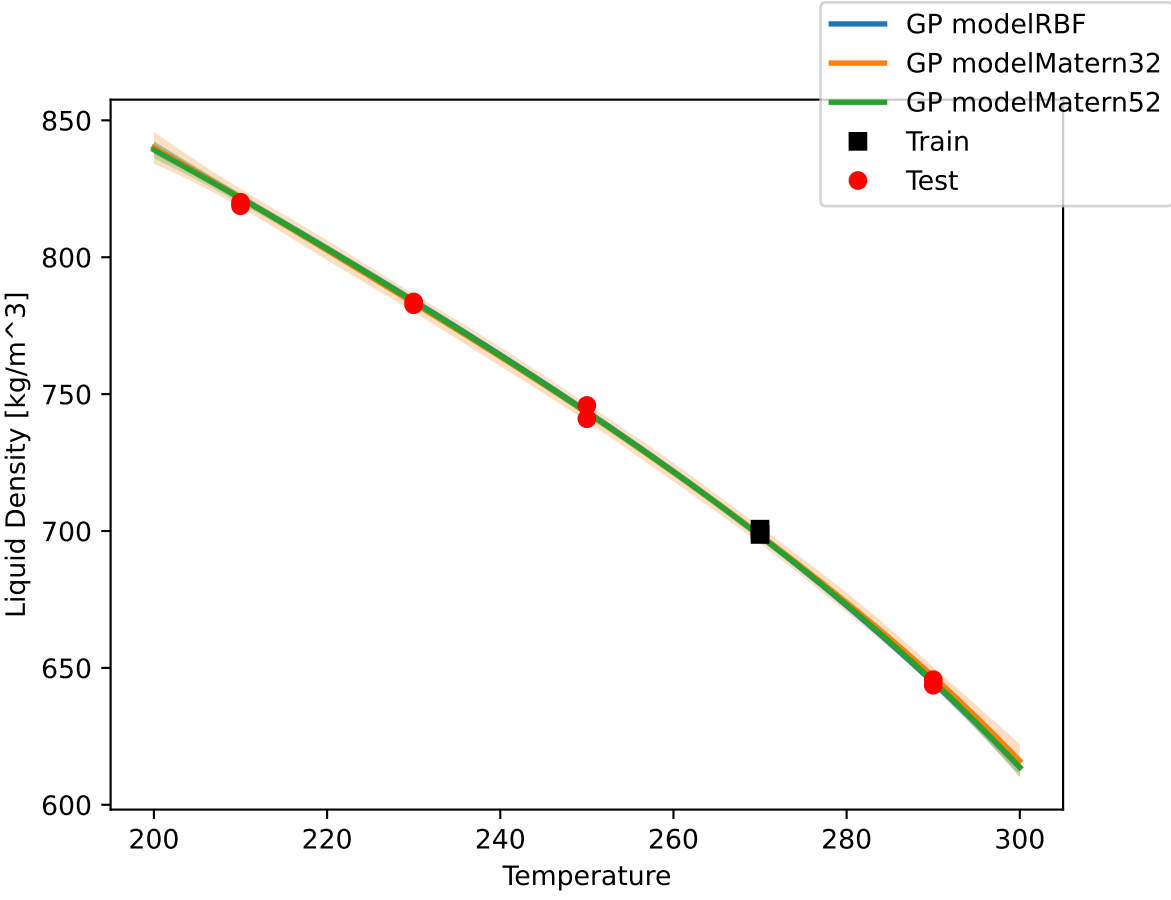

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

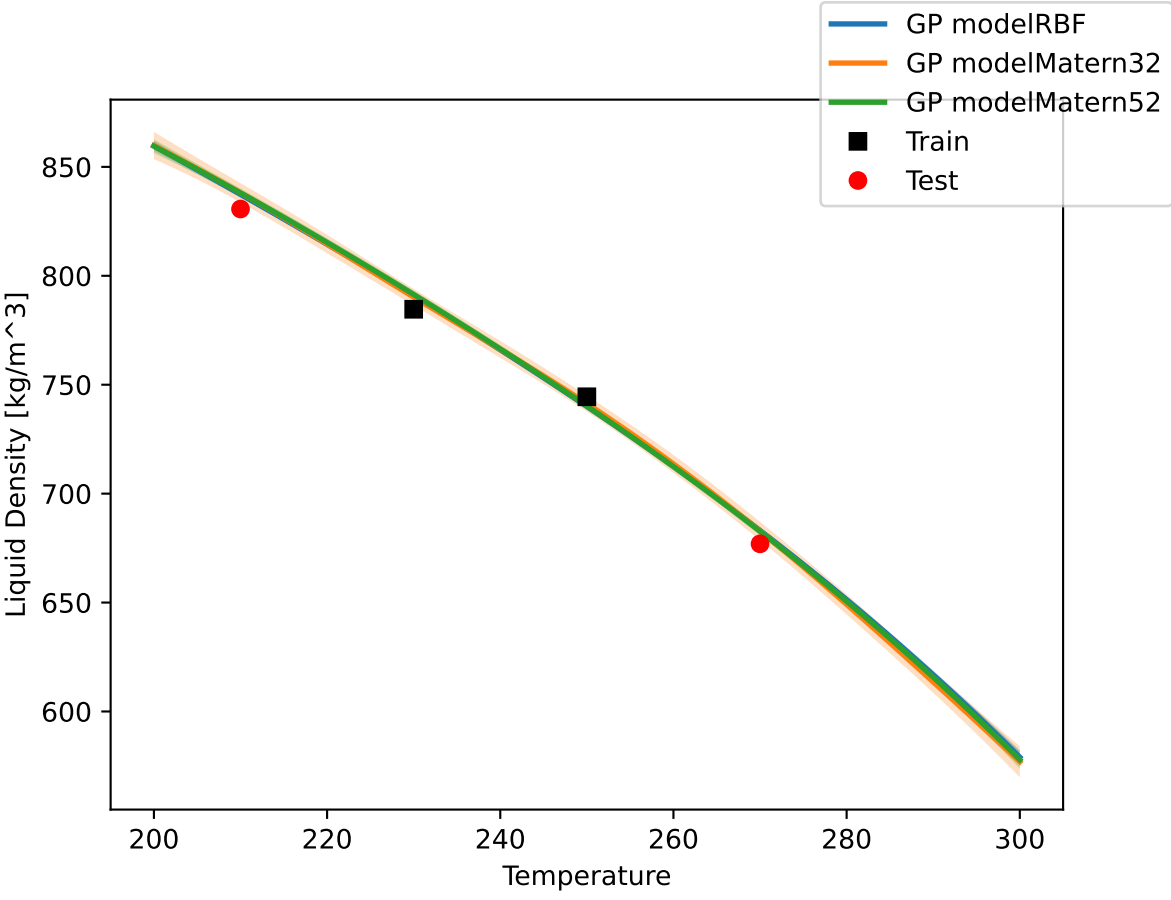

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

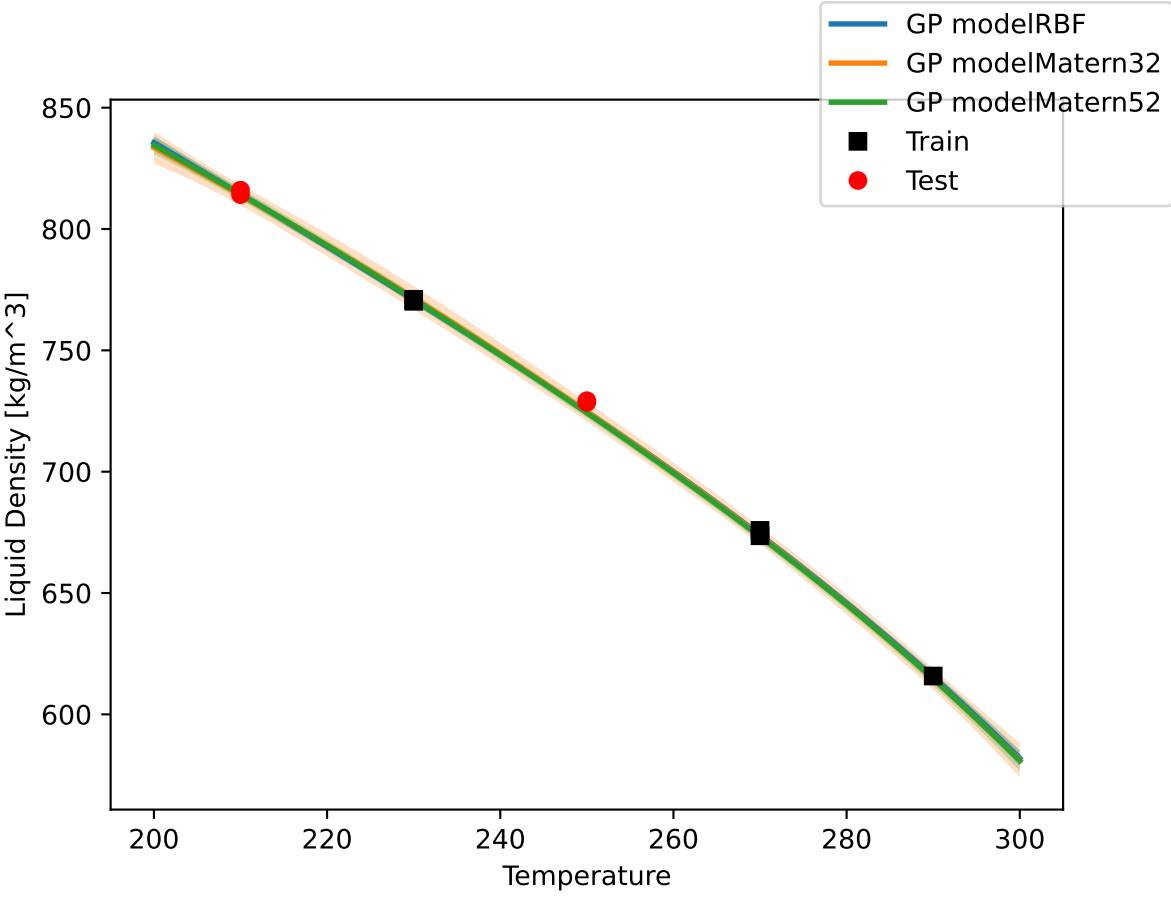

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

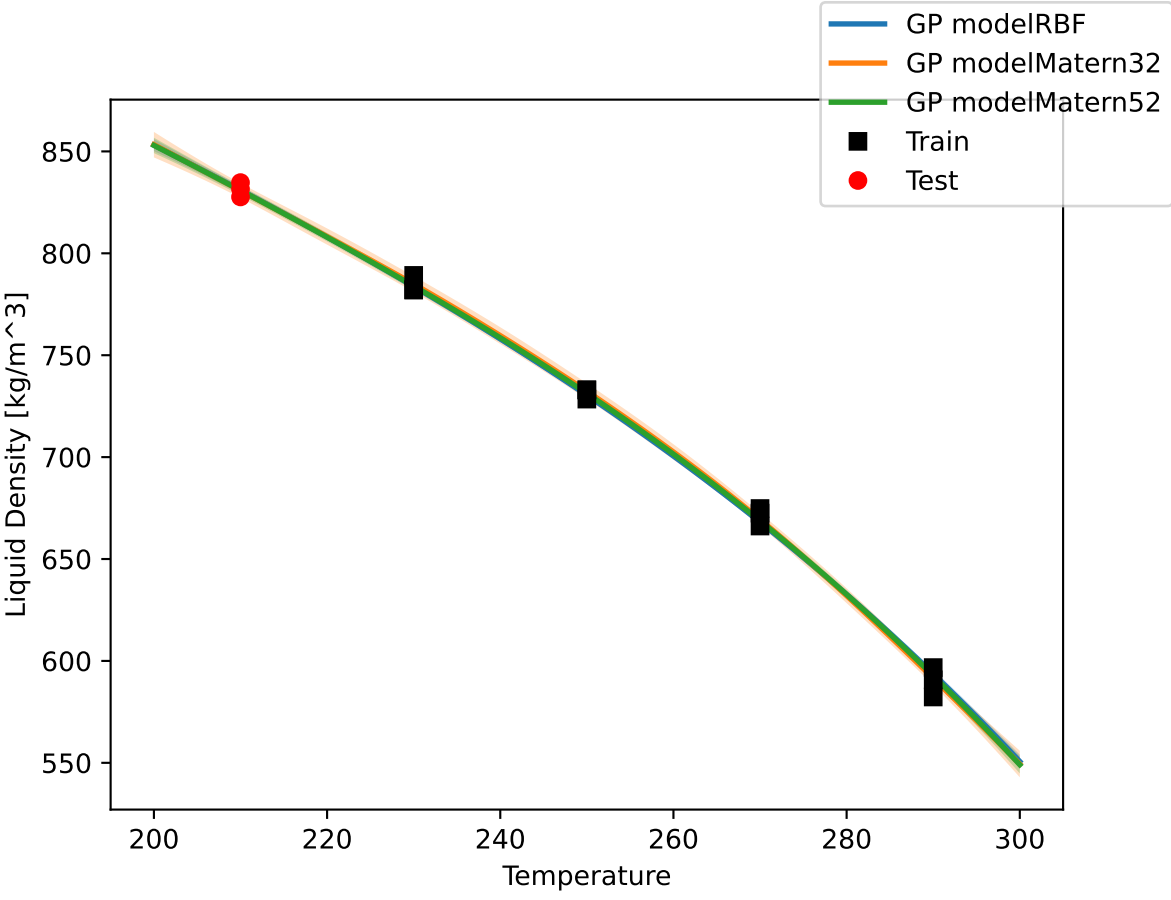

GP modelRBF
GP modelMatern32
GP modelMatern52
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

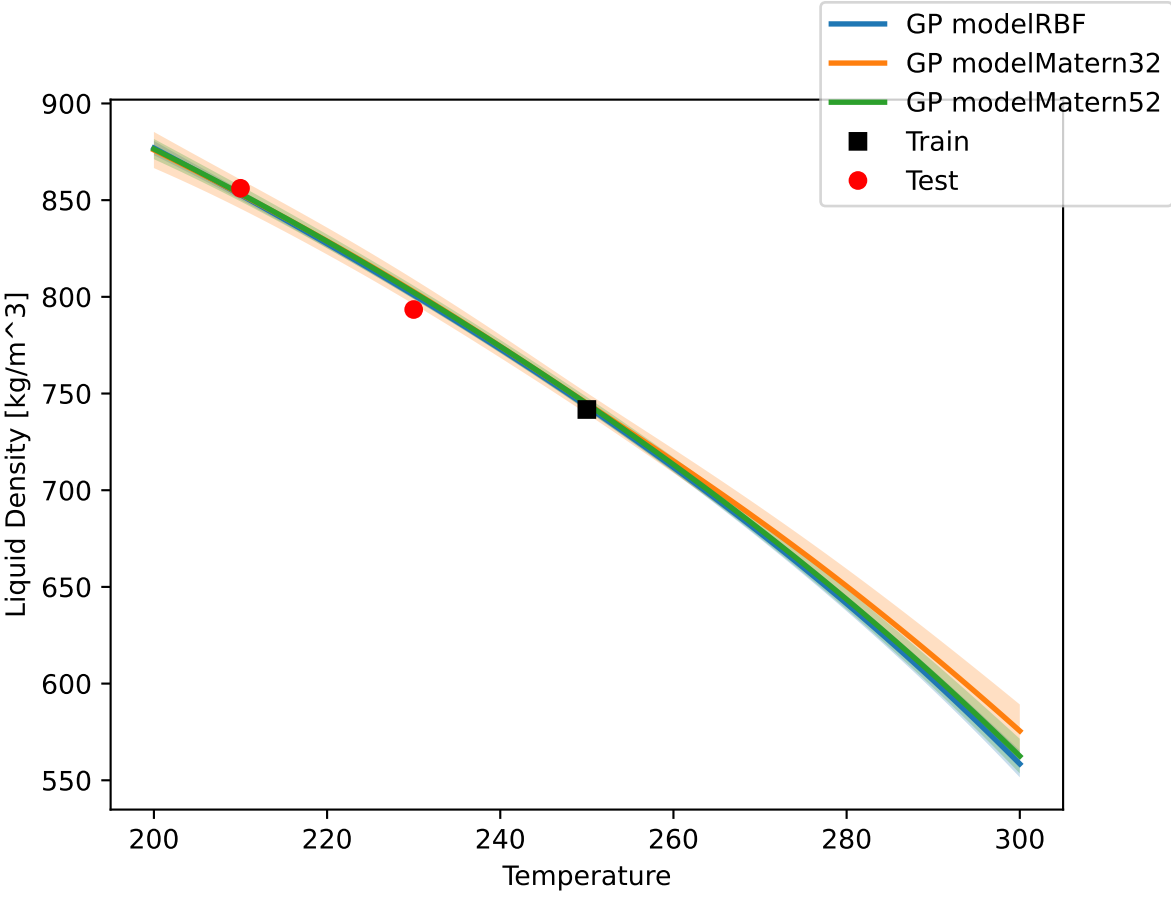

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

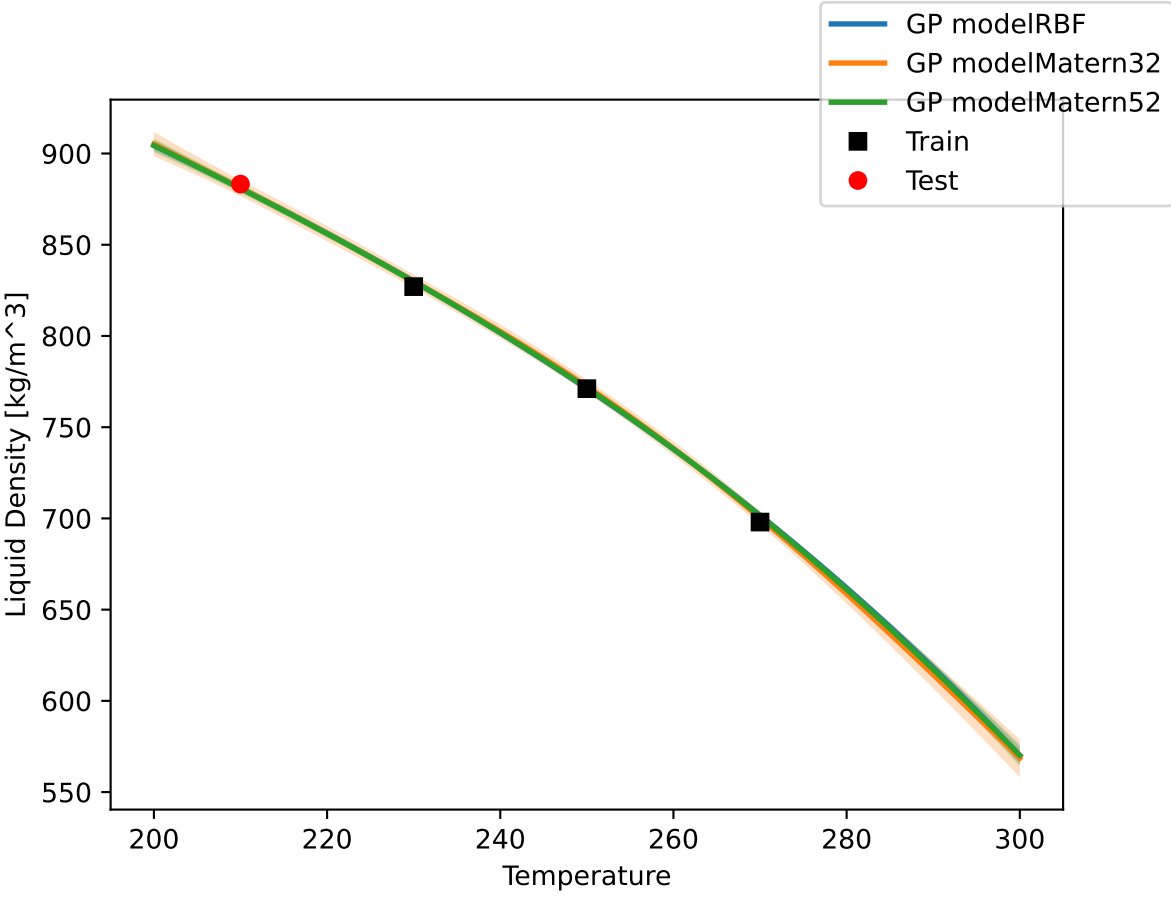

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

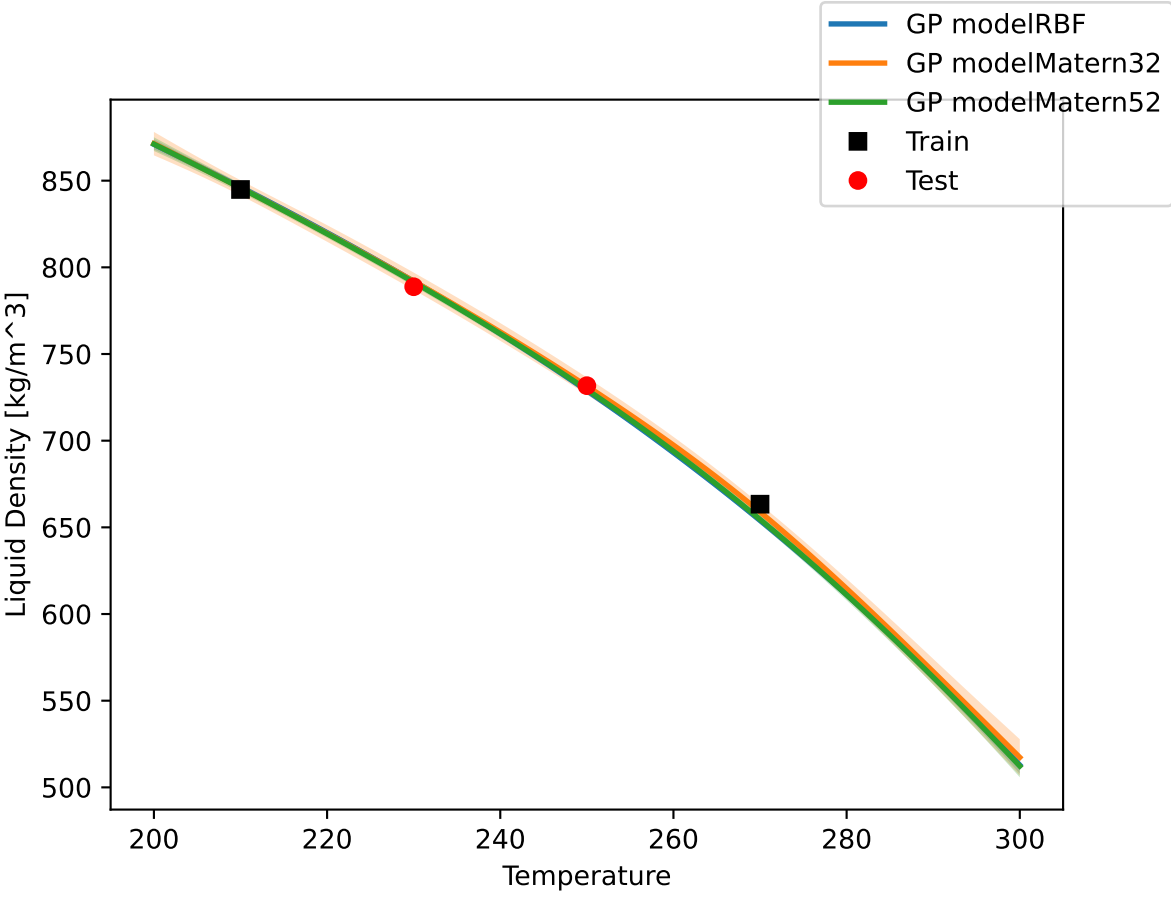

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

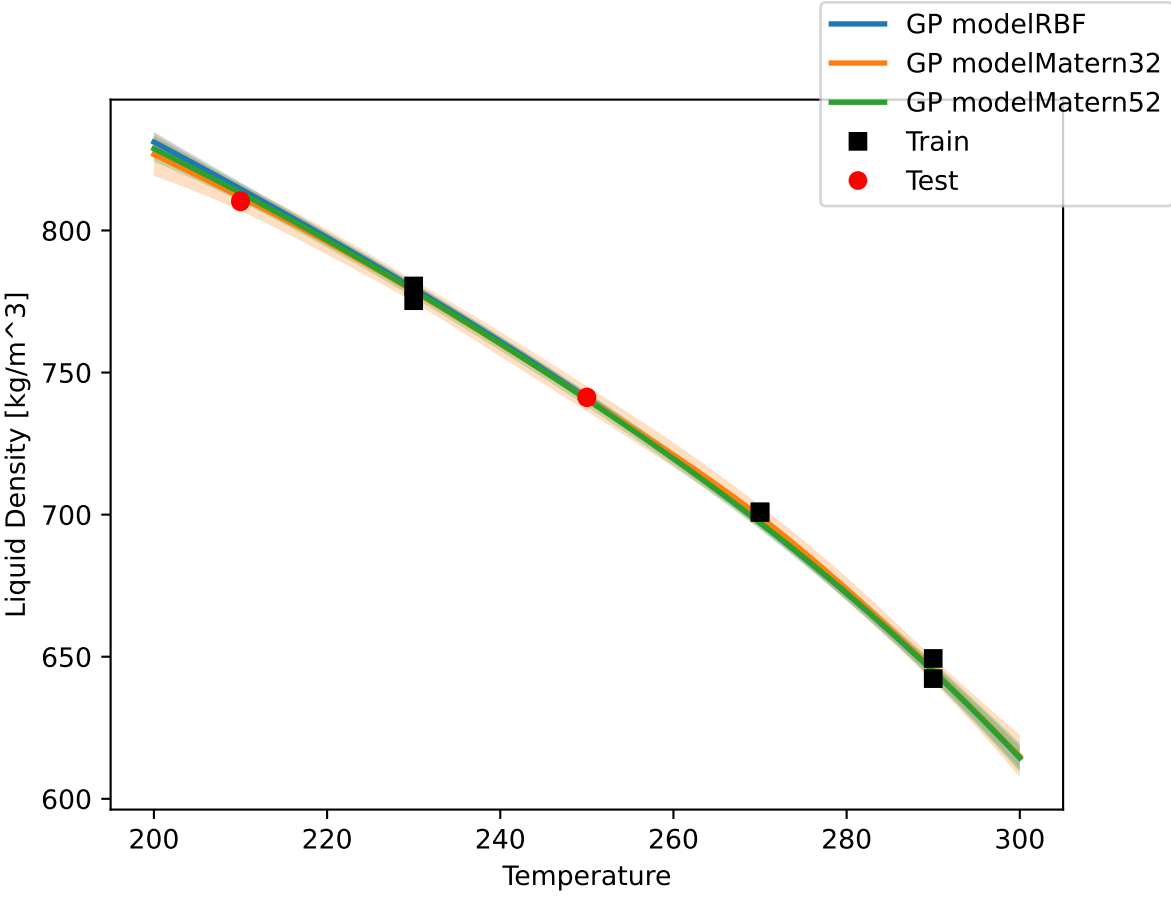

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

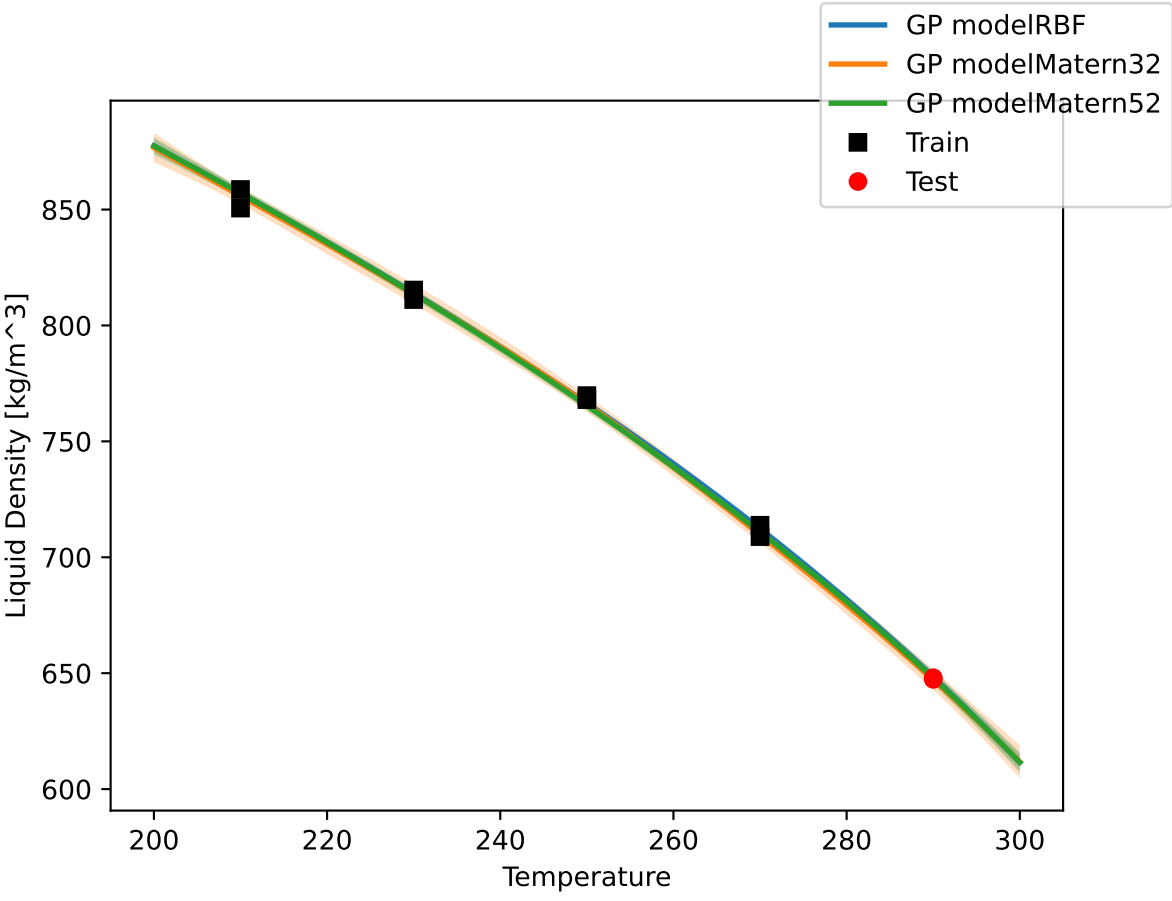

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

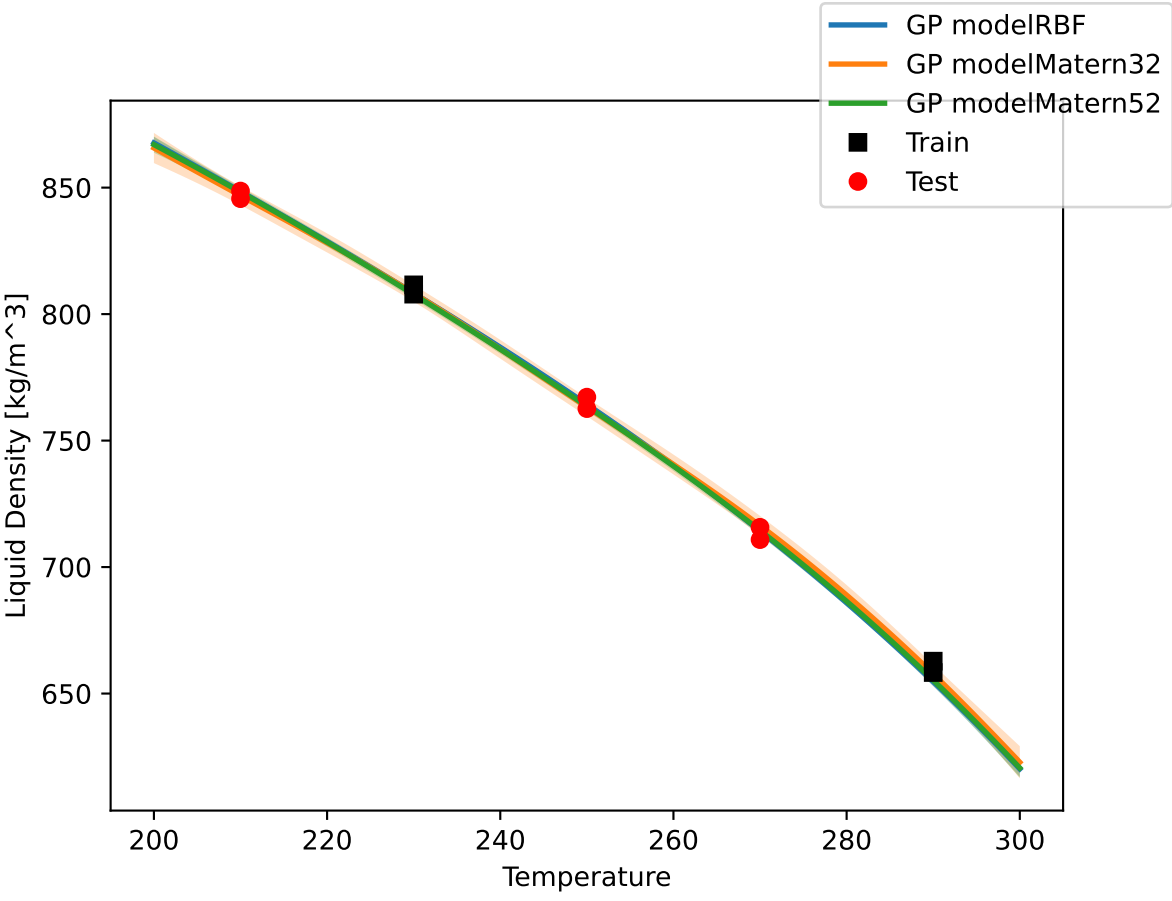

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

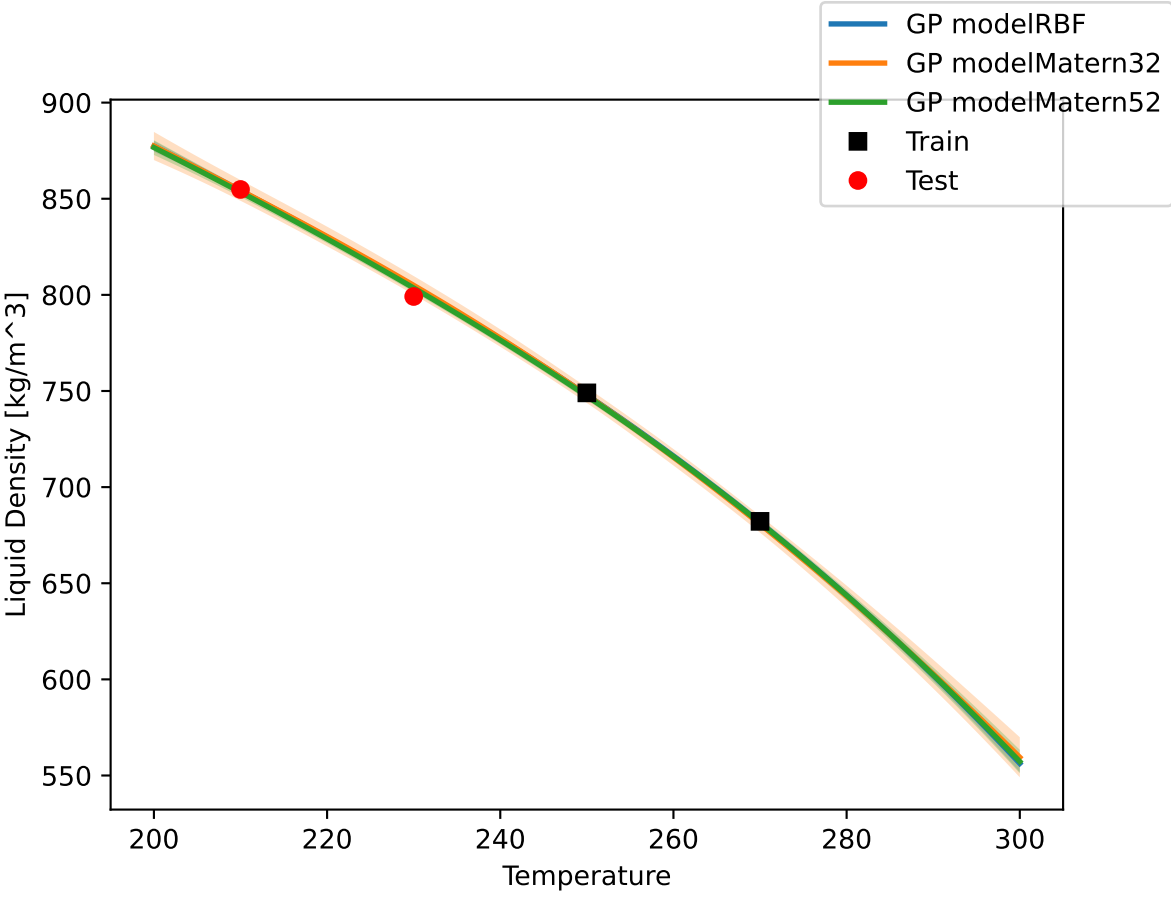

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

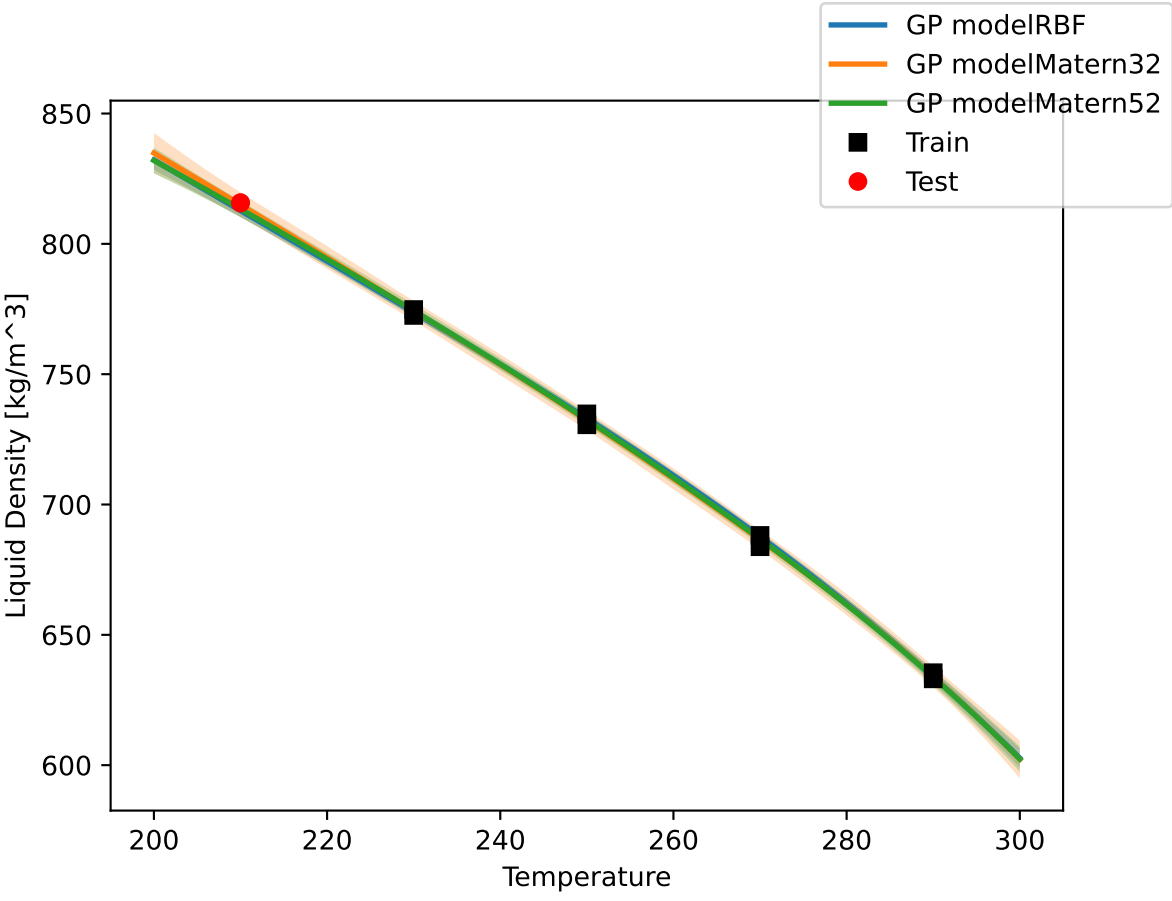

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
500
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

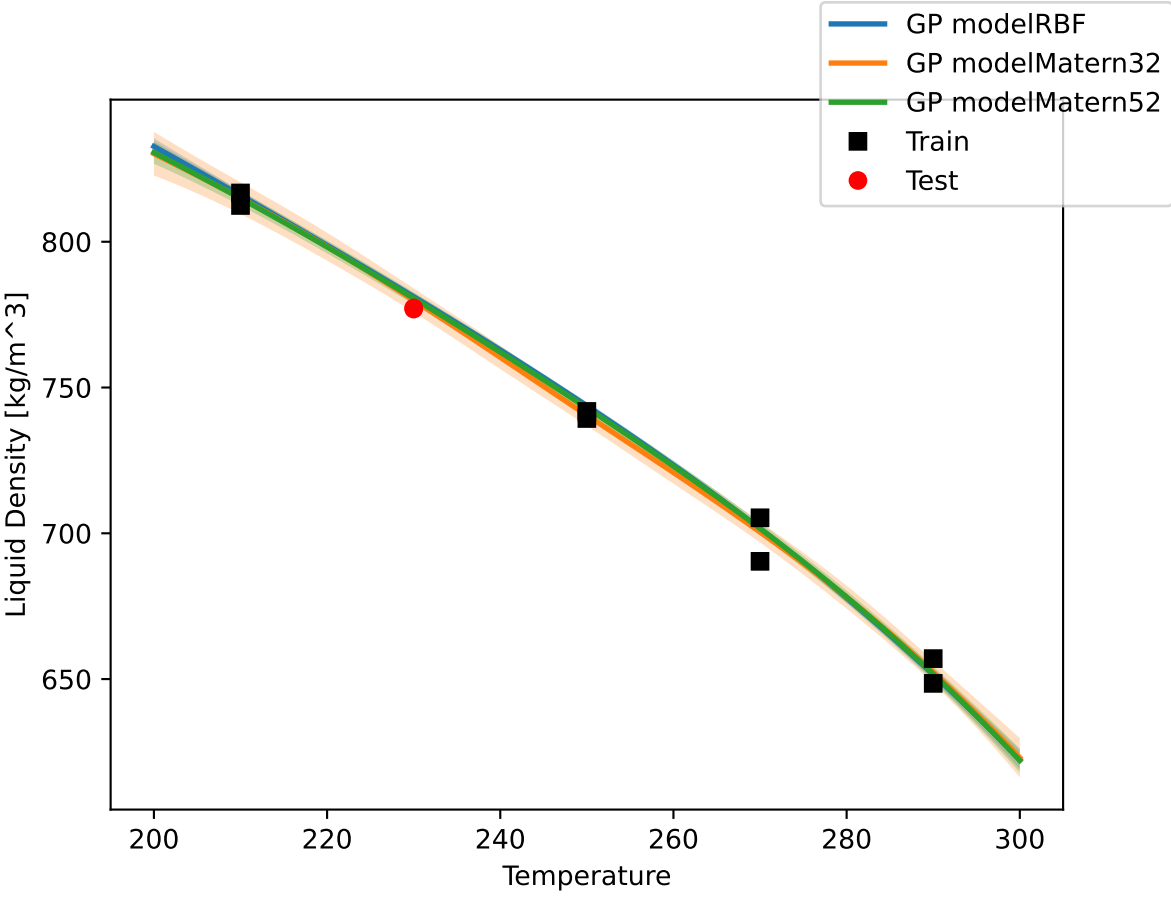

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

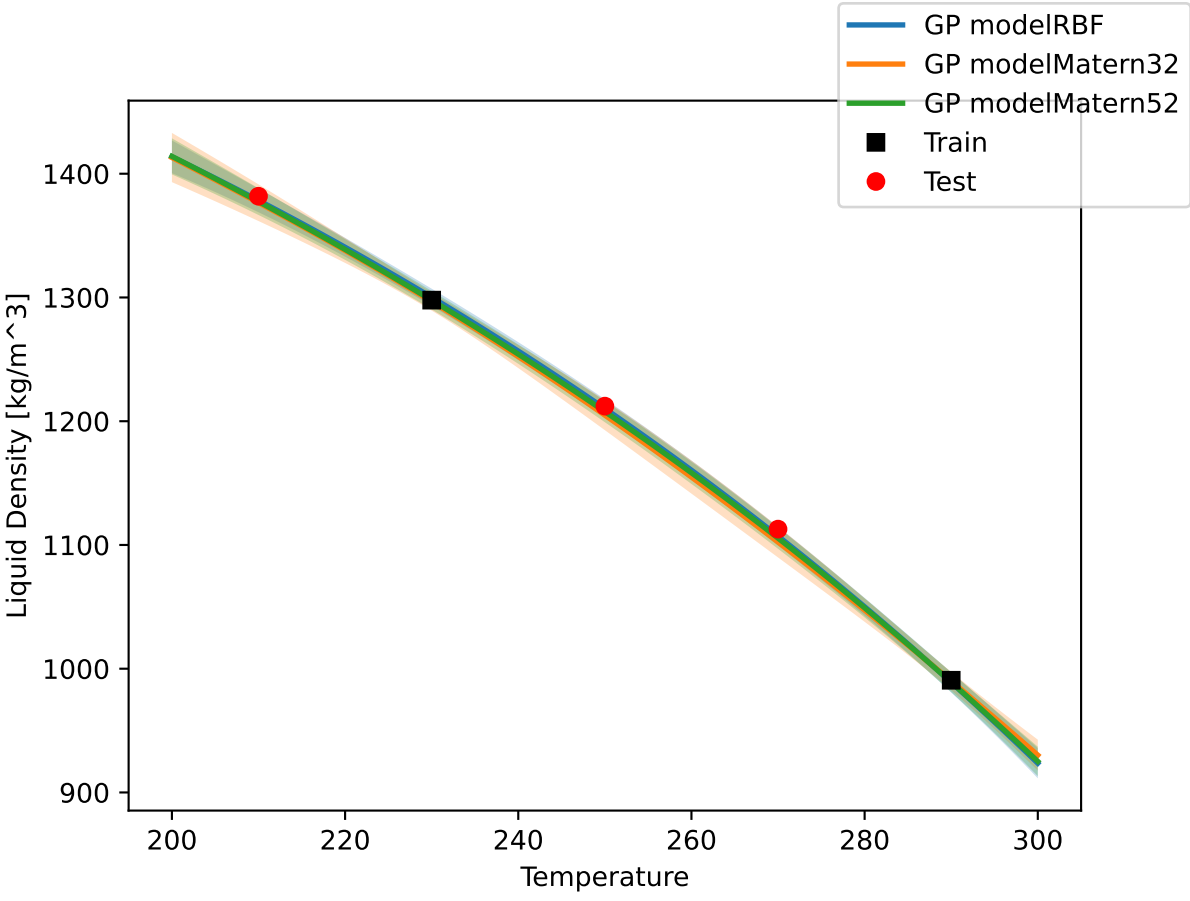

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

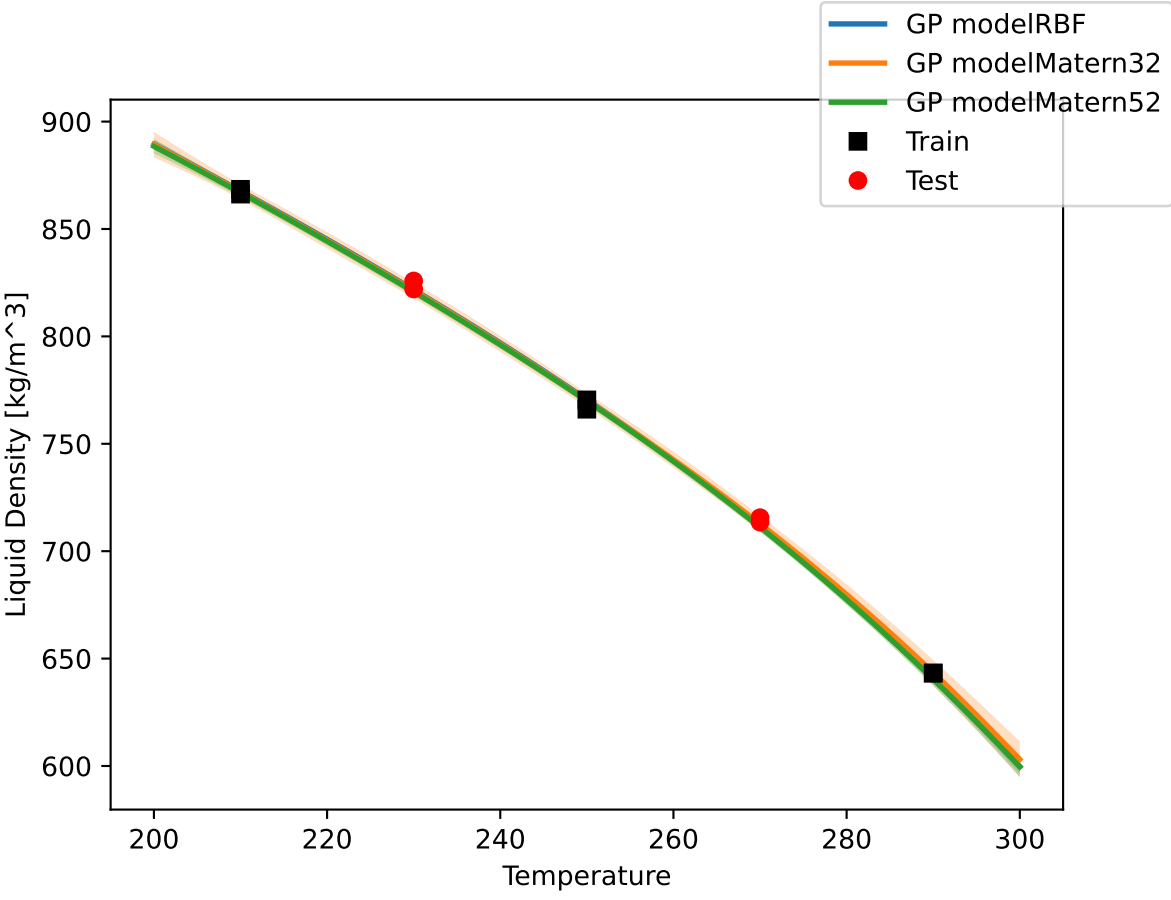

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

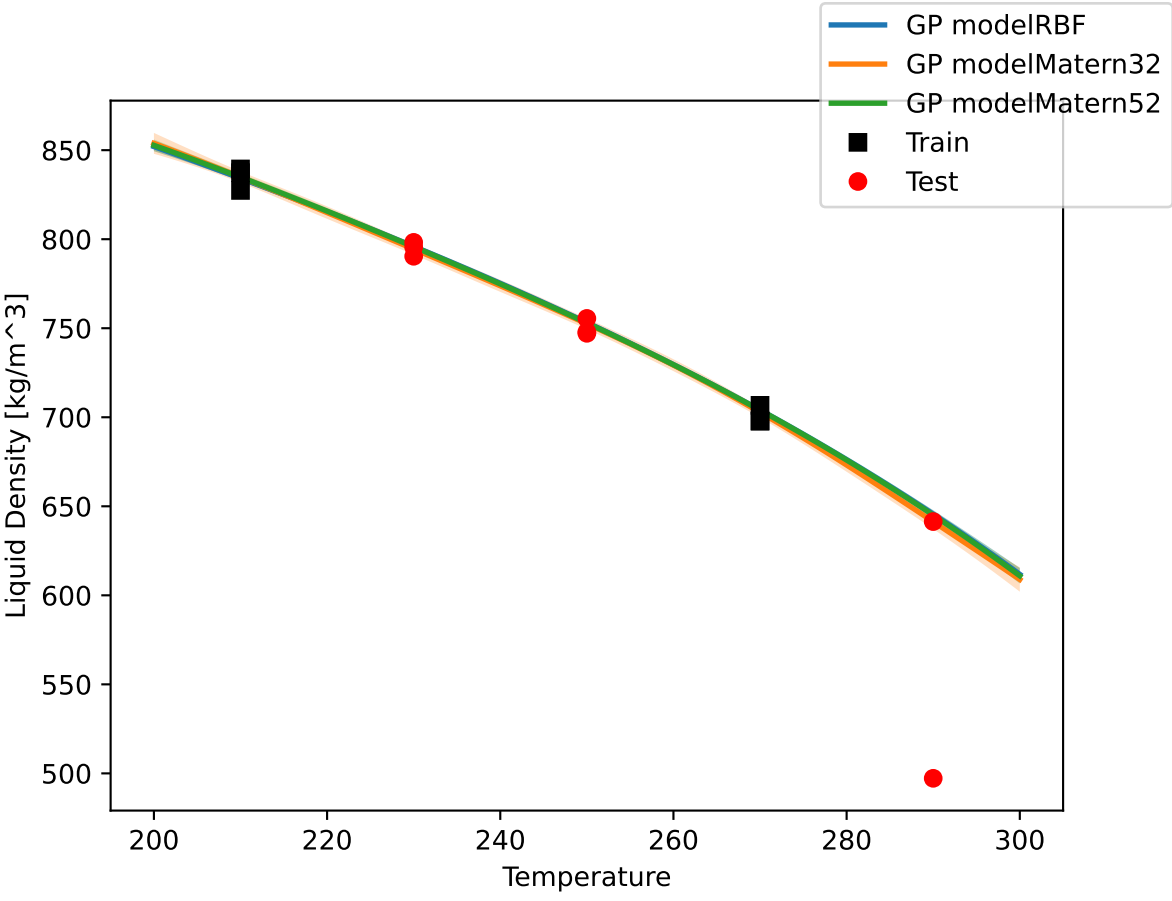

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

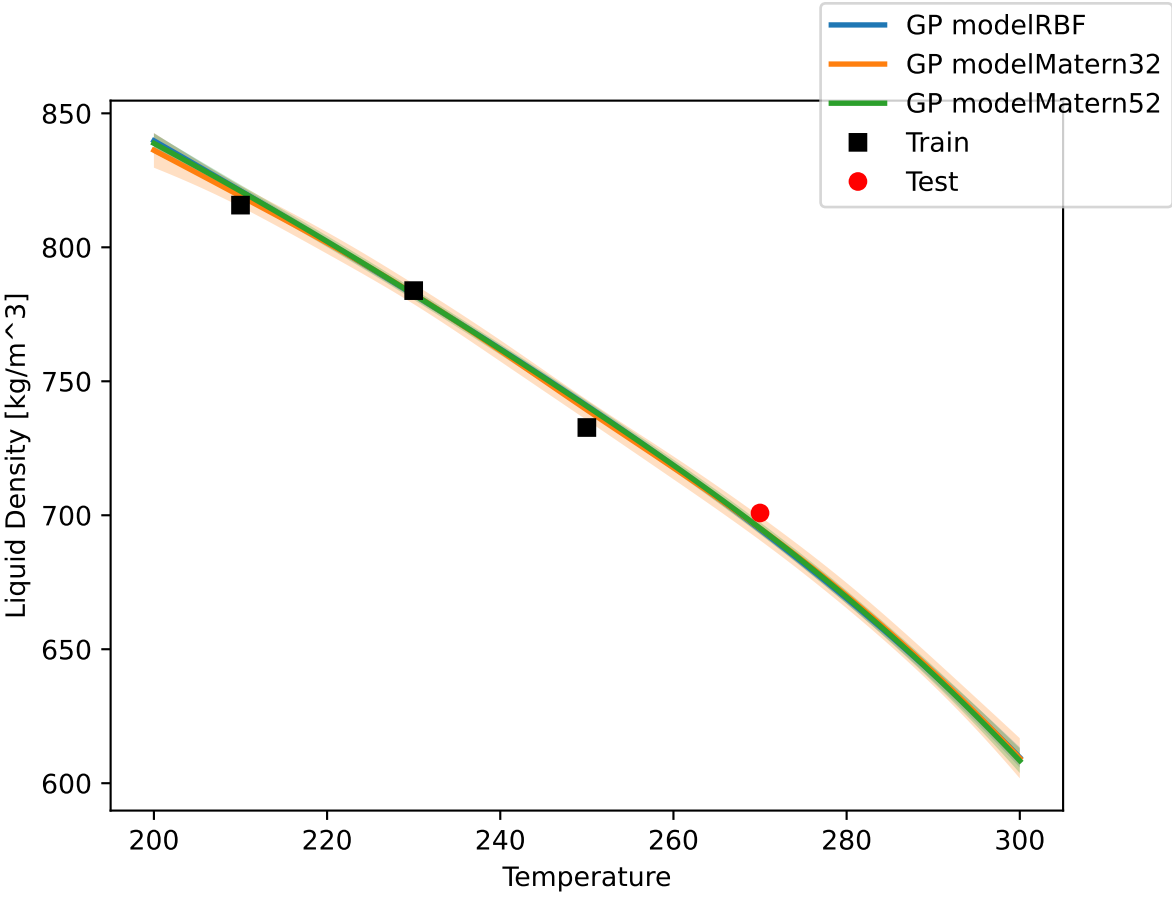

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

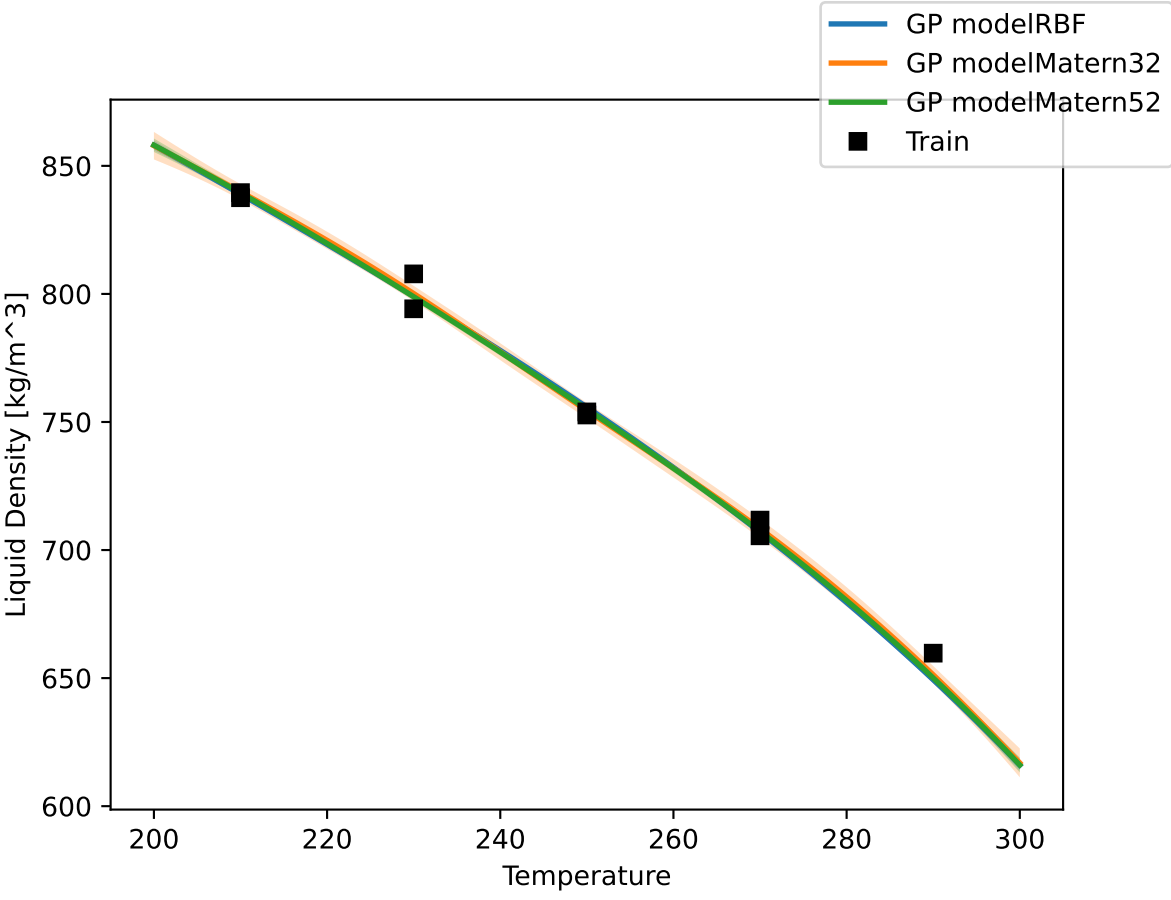

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
200
220
240
260
280
300
Temperature

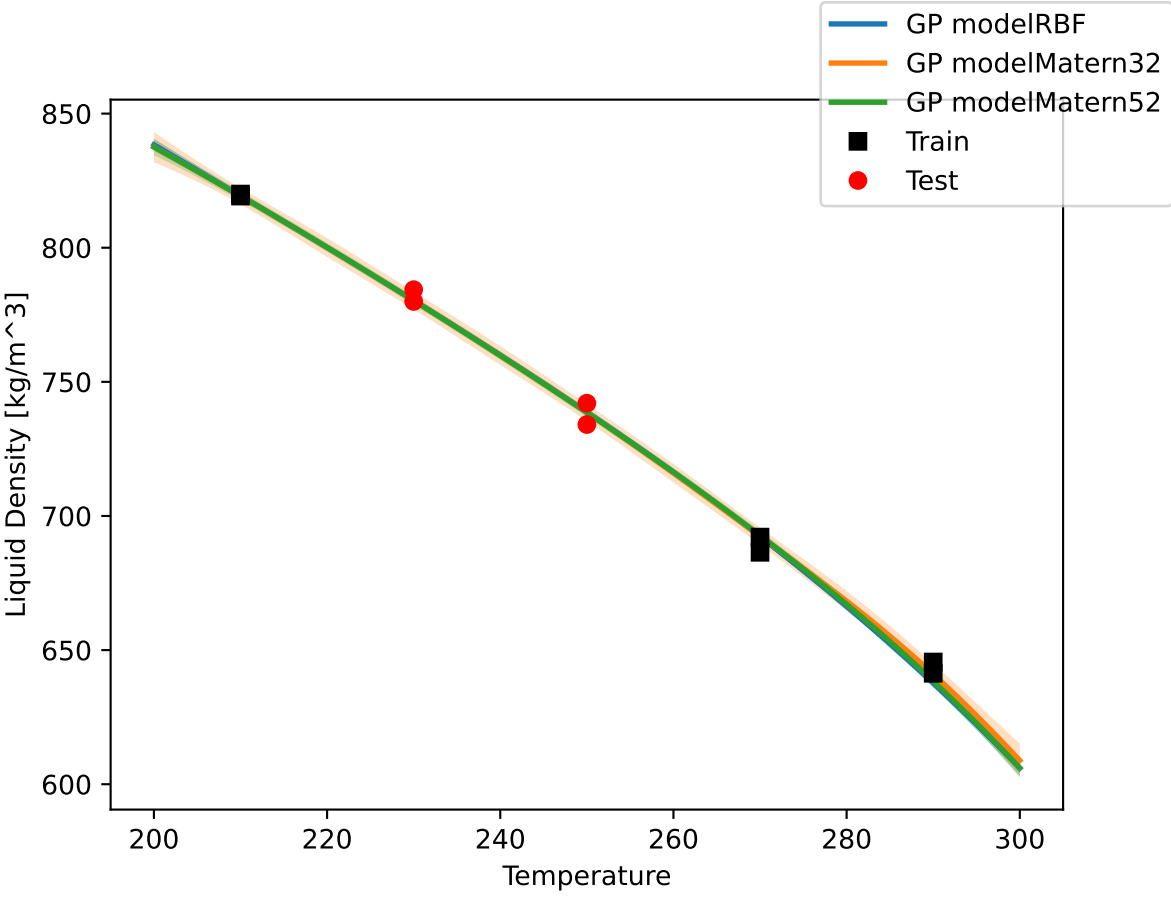

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
1400
1300
1200
1100
1000
900
200
220
240
260
280
300
Temperature

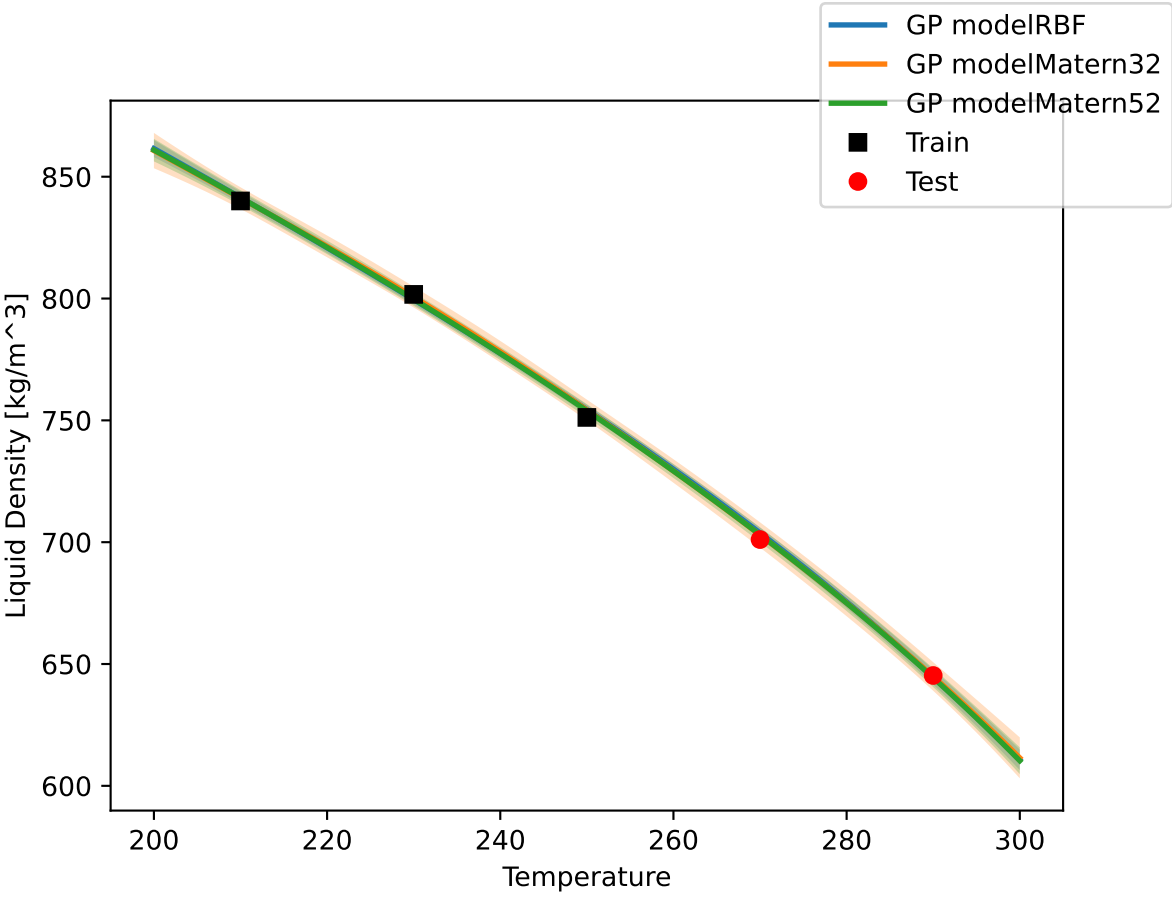

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
200
220
240
260
280
300
Temperature

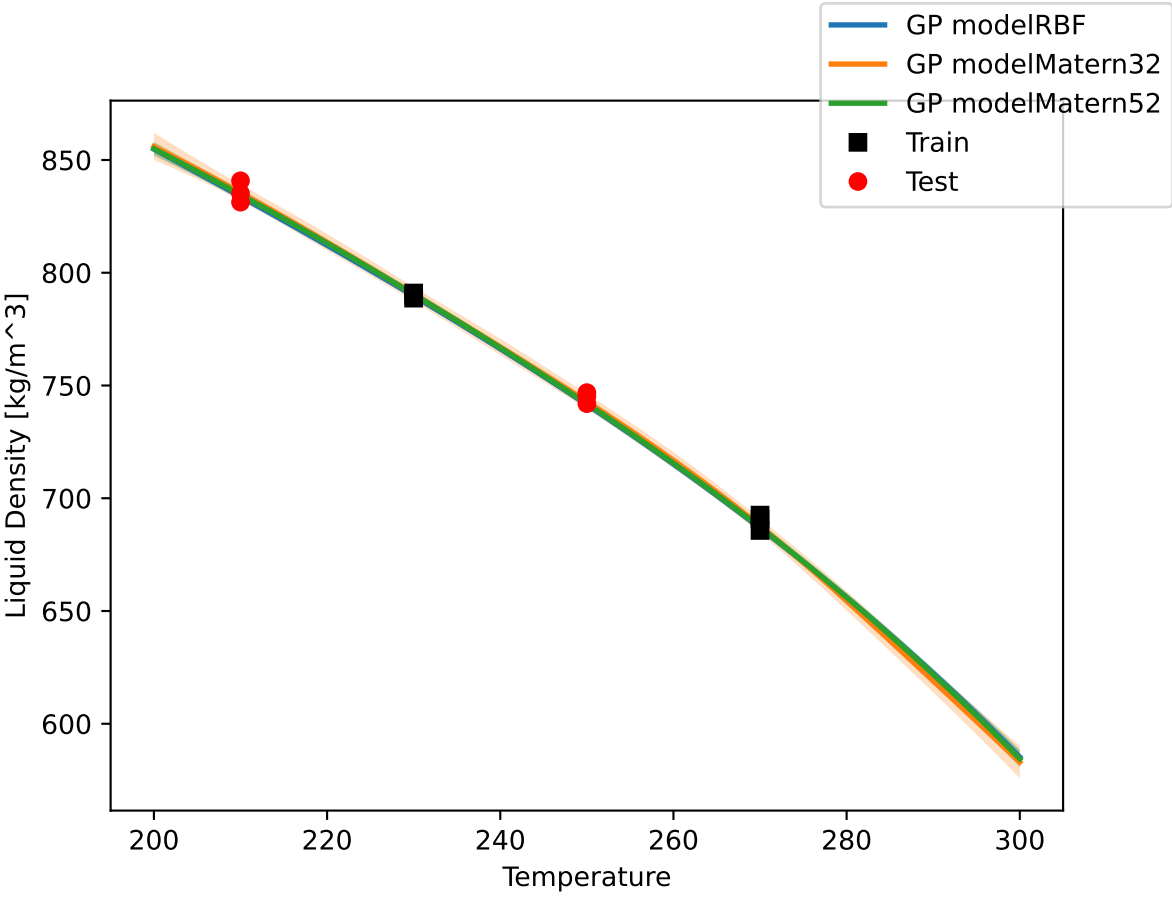

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
500
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

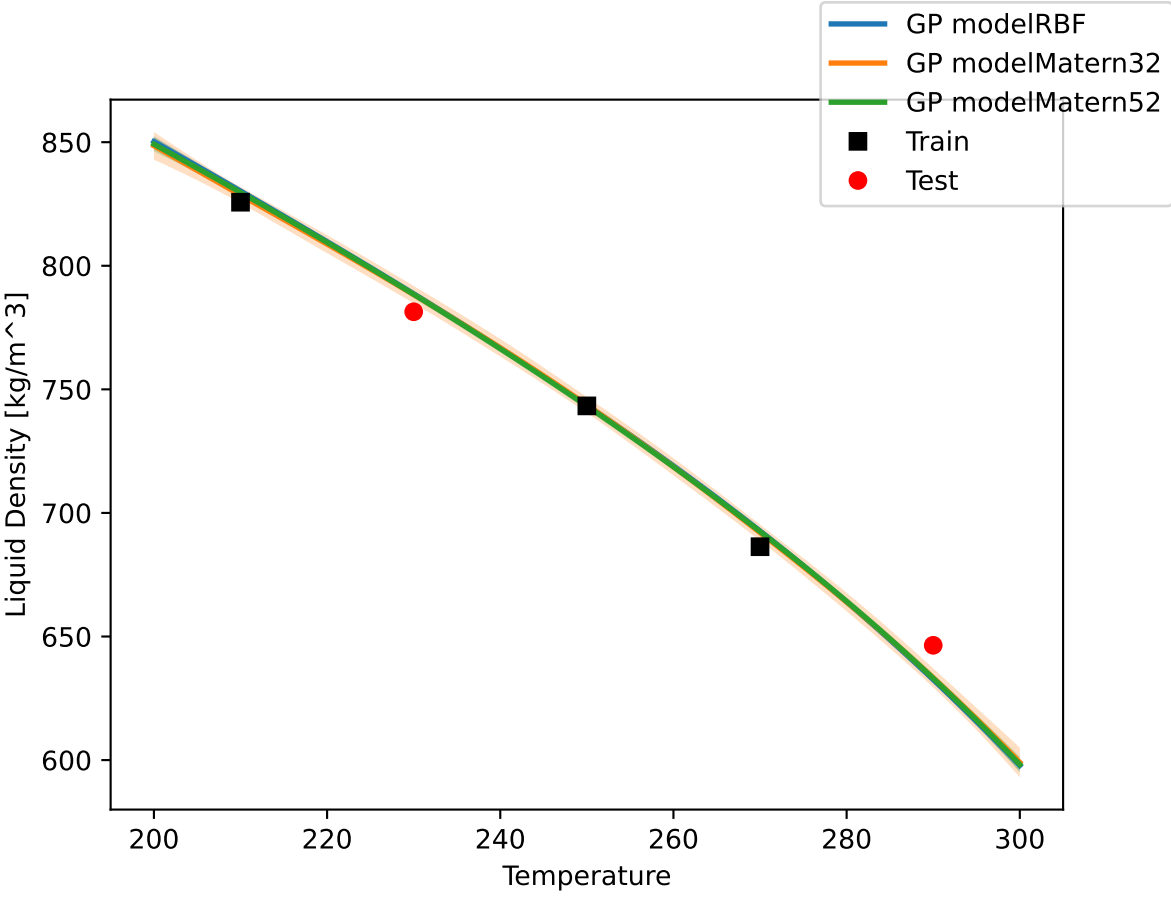

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

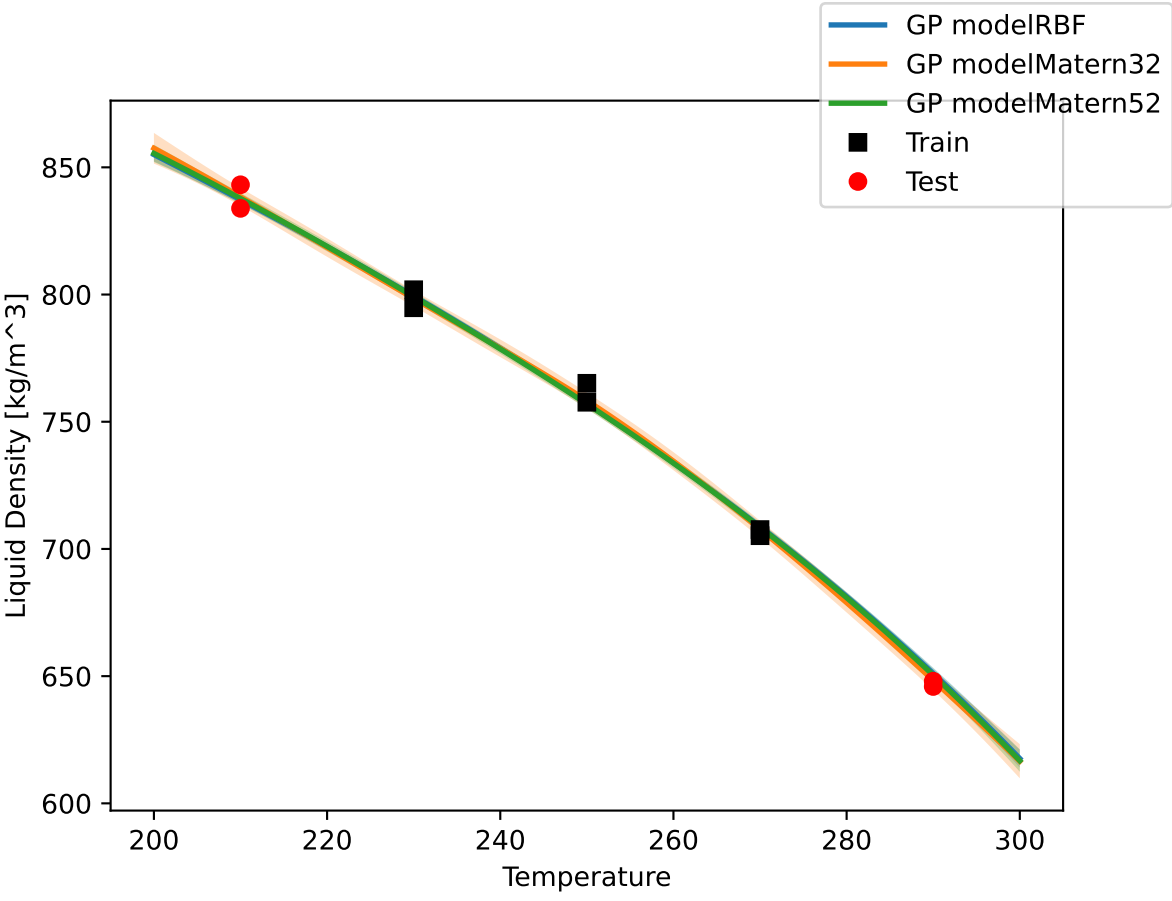

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

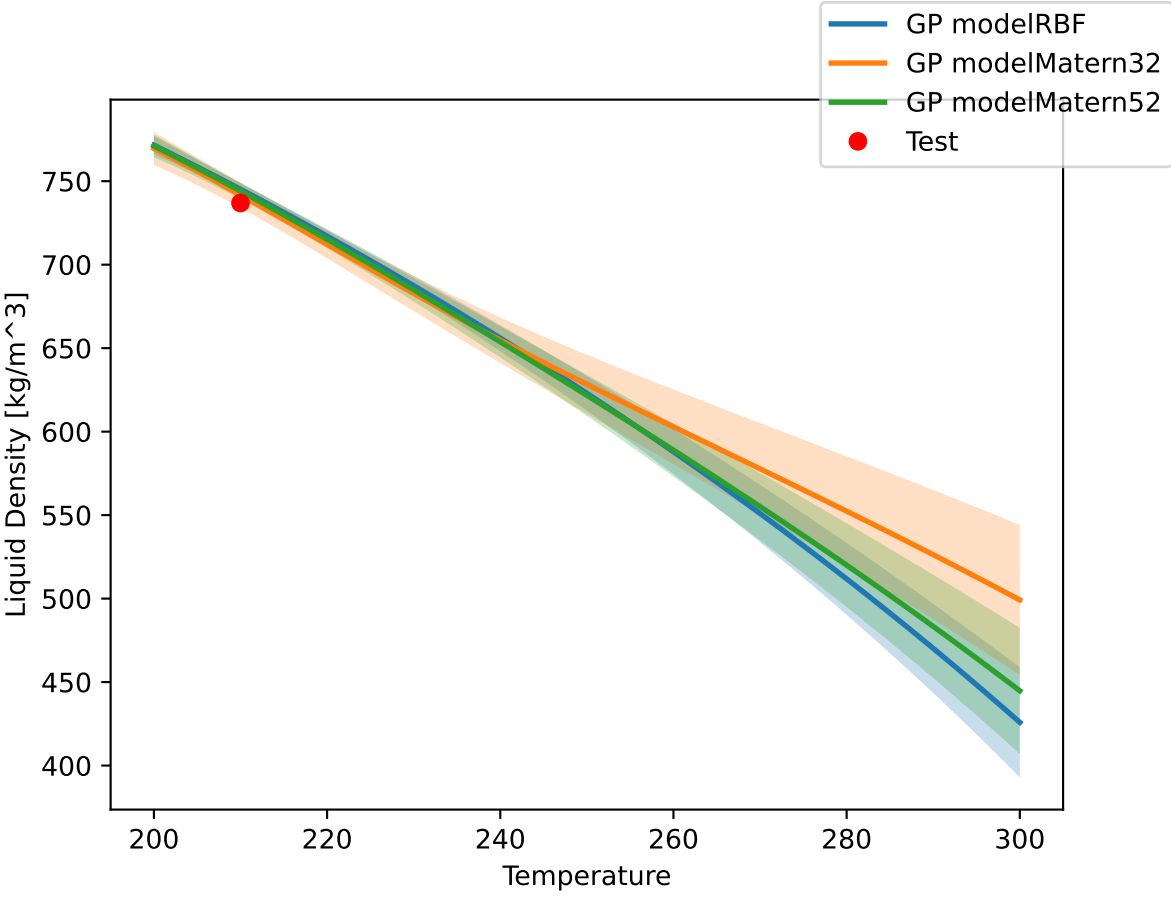

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

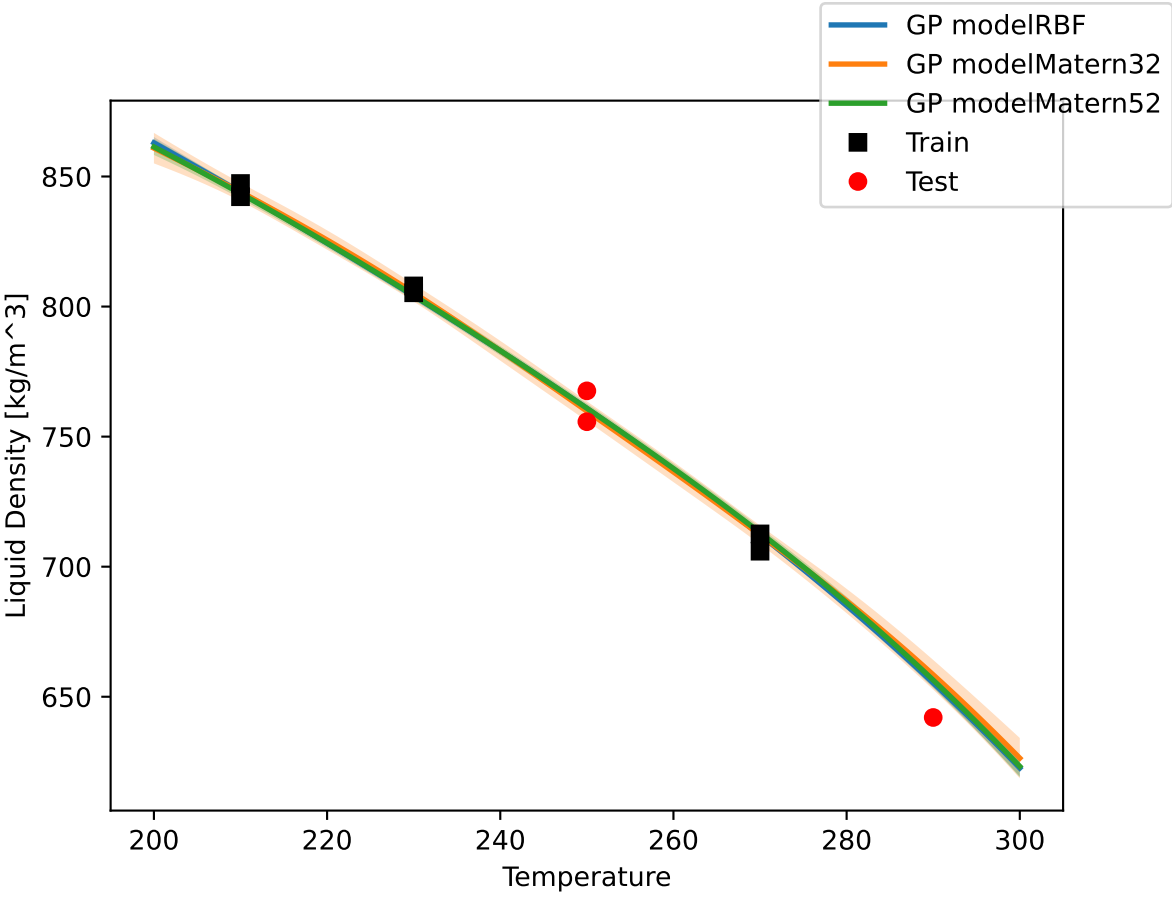

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

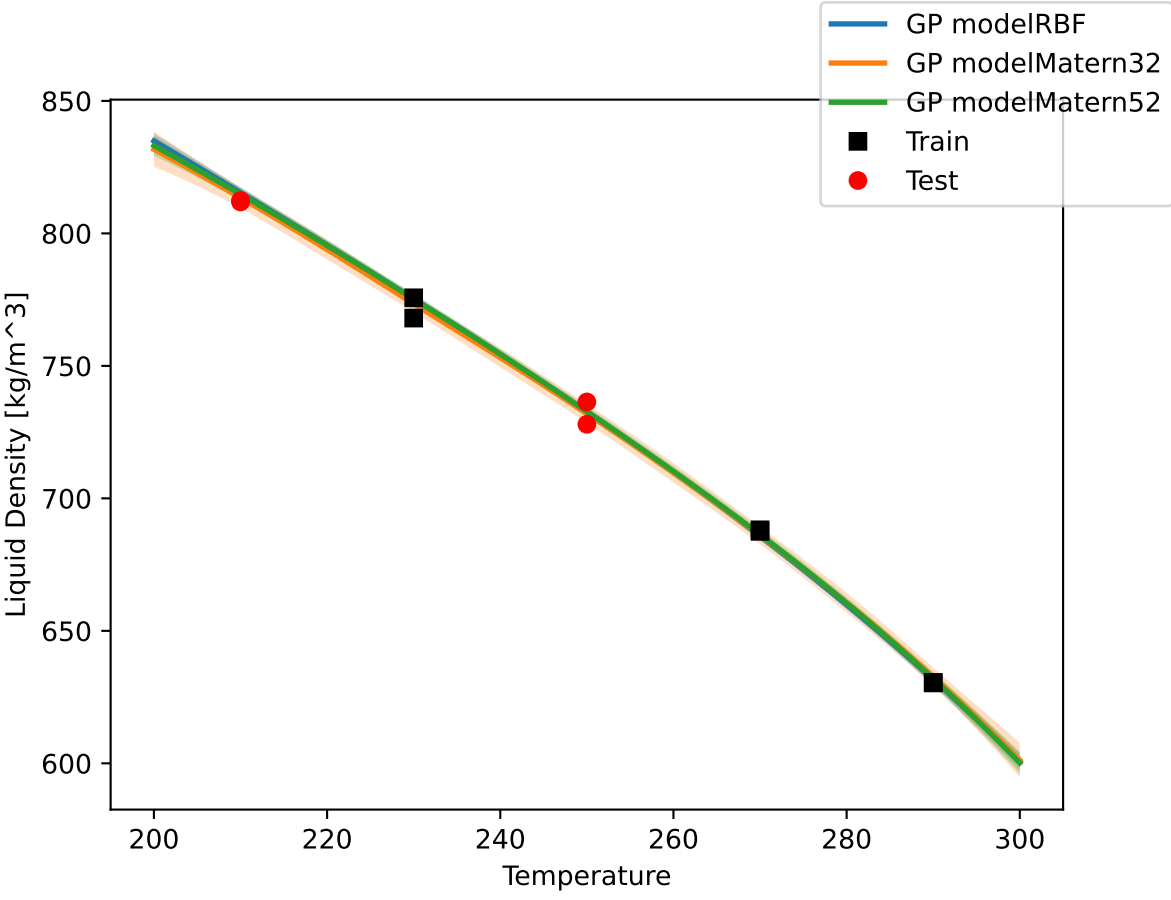

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

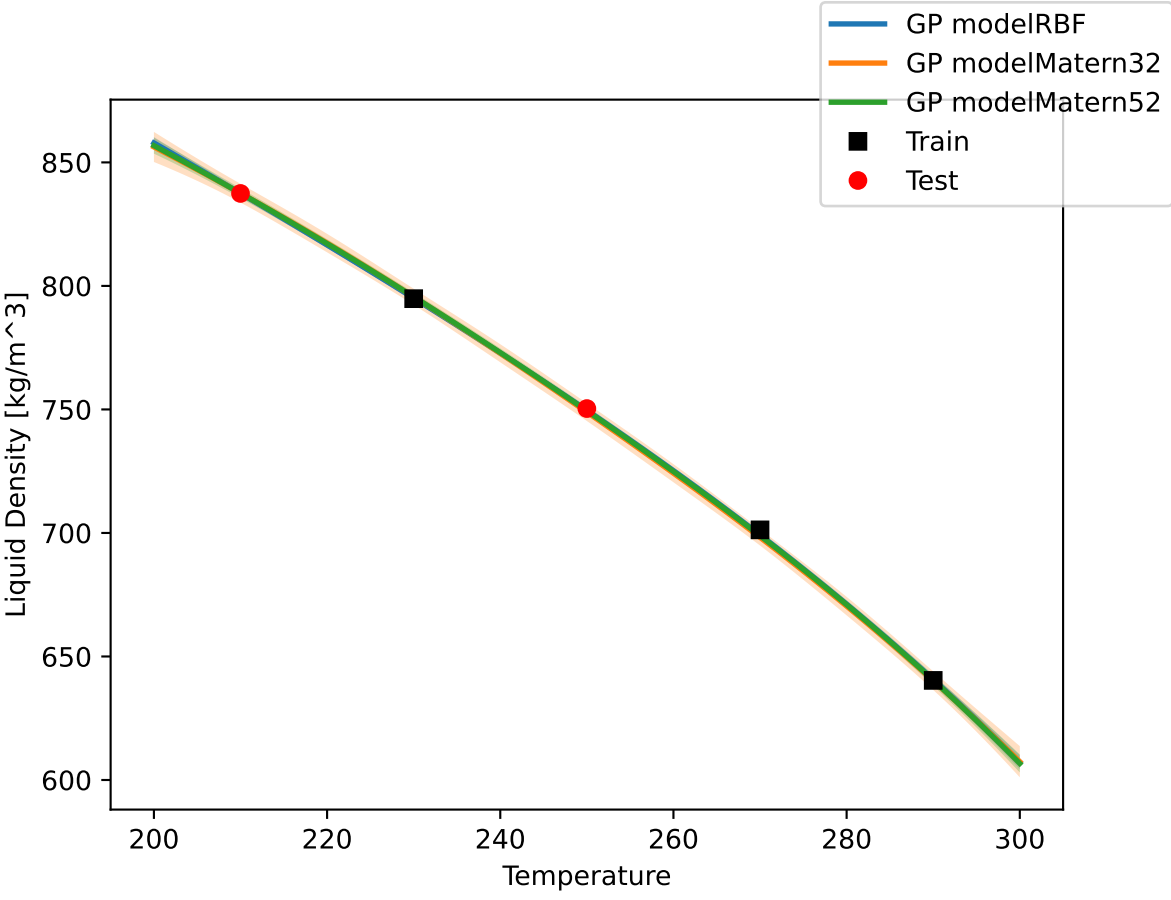

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

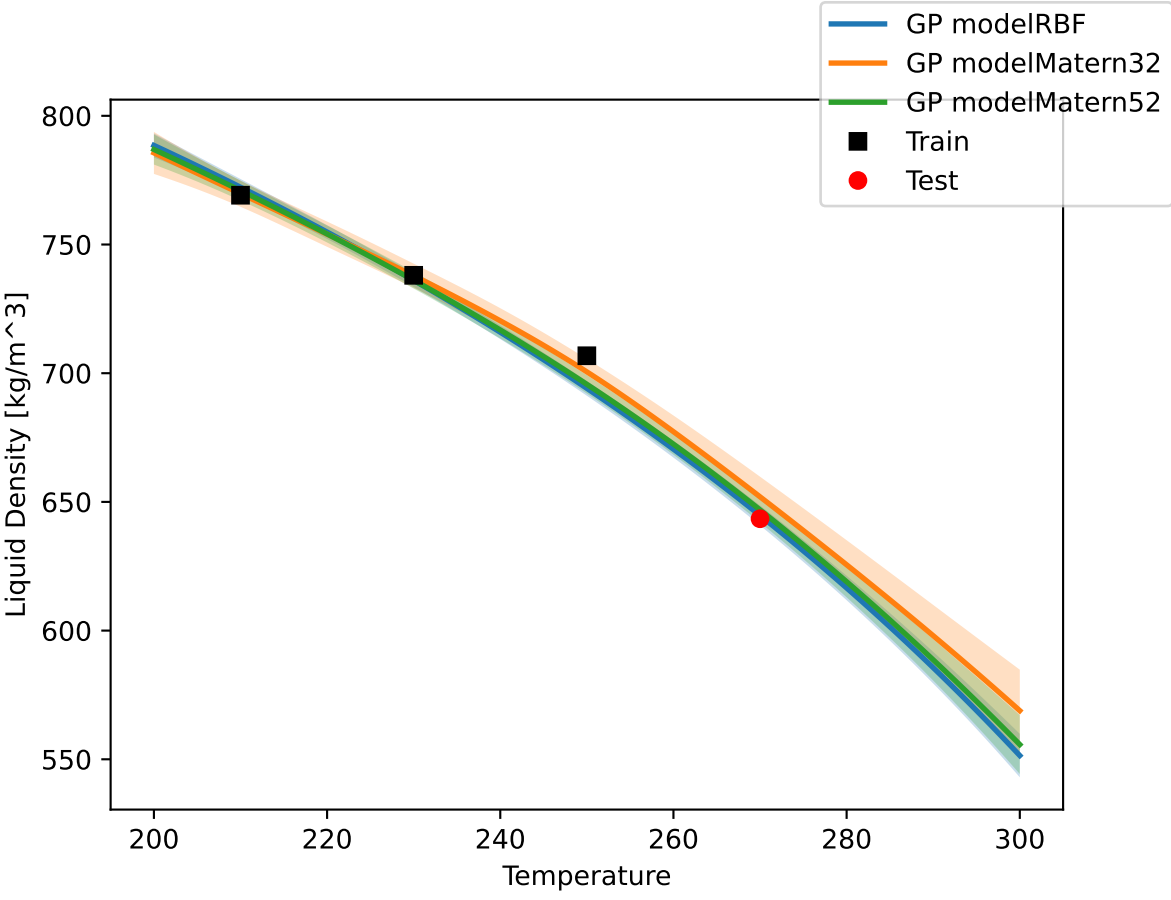

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

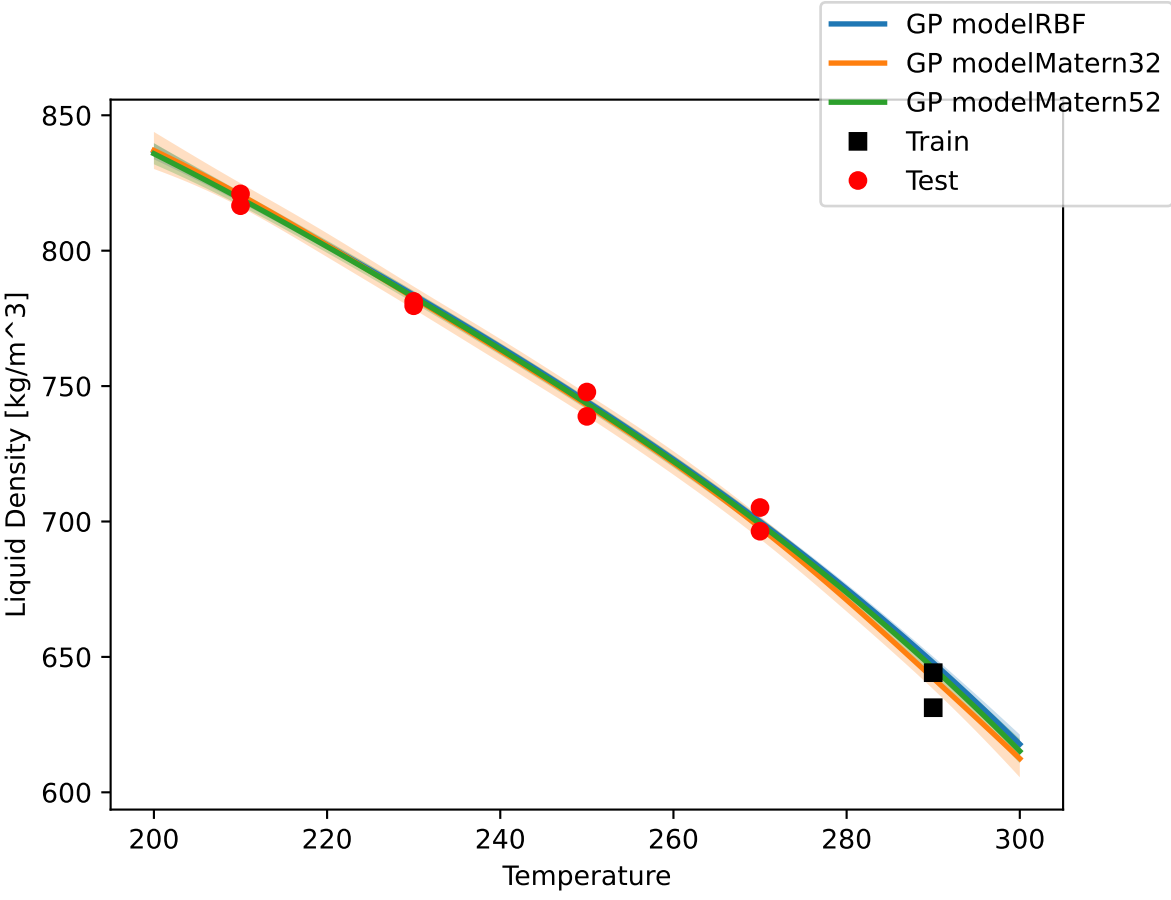

GP modelRBF
GP modelMatern32
GP modelMatern52
Test
Liquid Density [kg/m^3]
750
700
650
600
550
500
450
400
200
220
240
260
280
300
Temperature

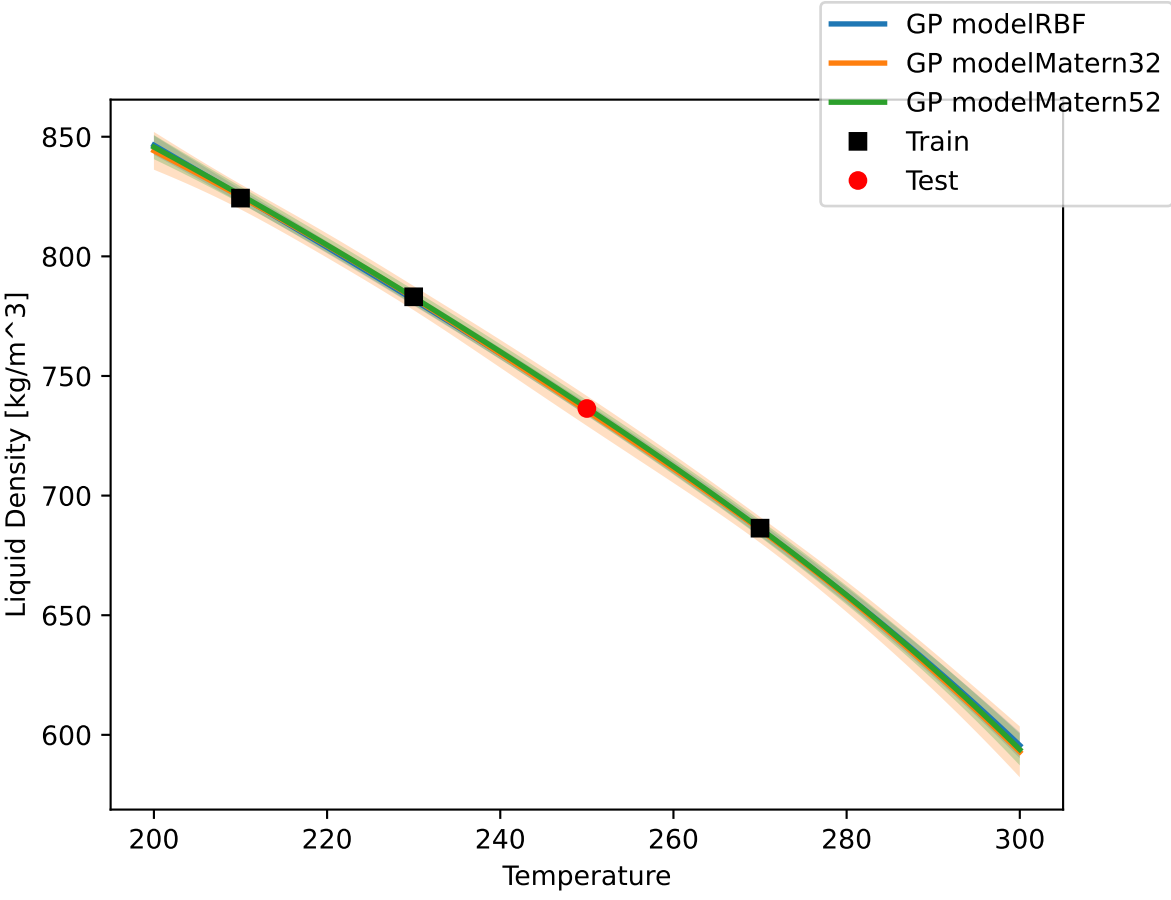

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

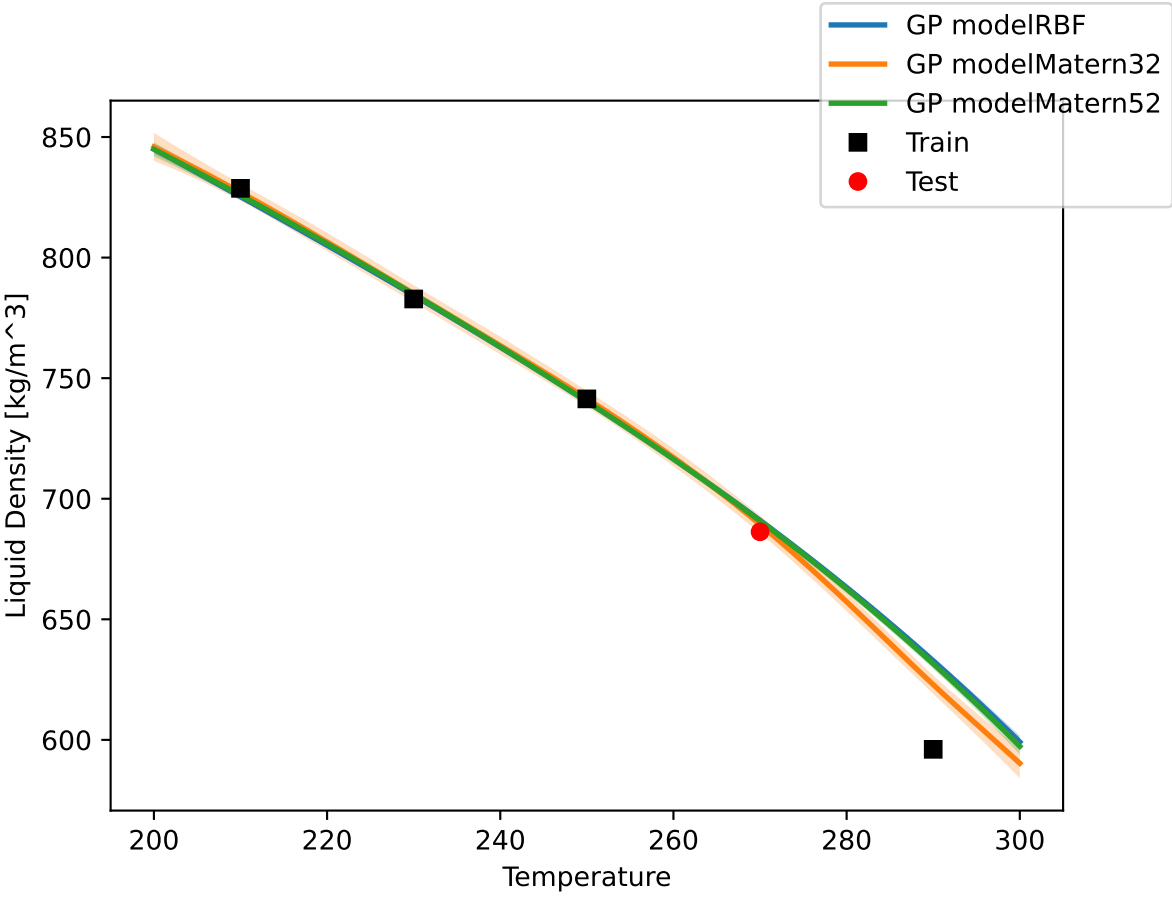

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

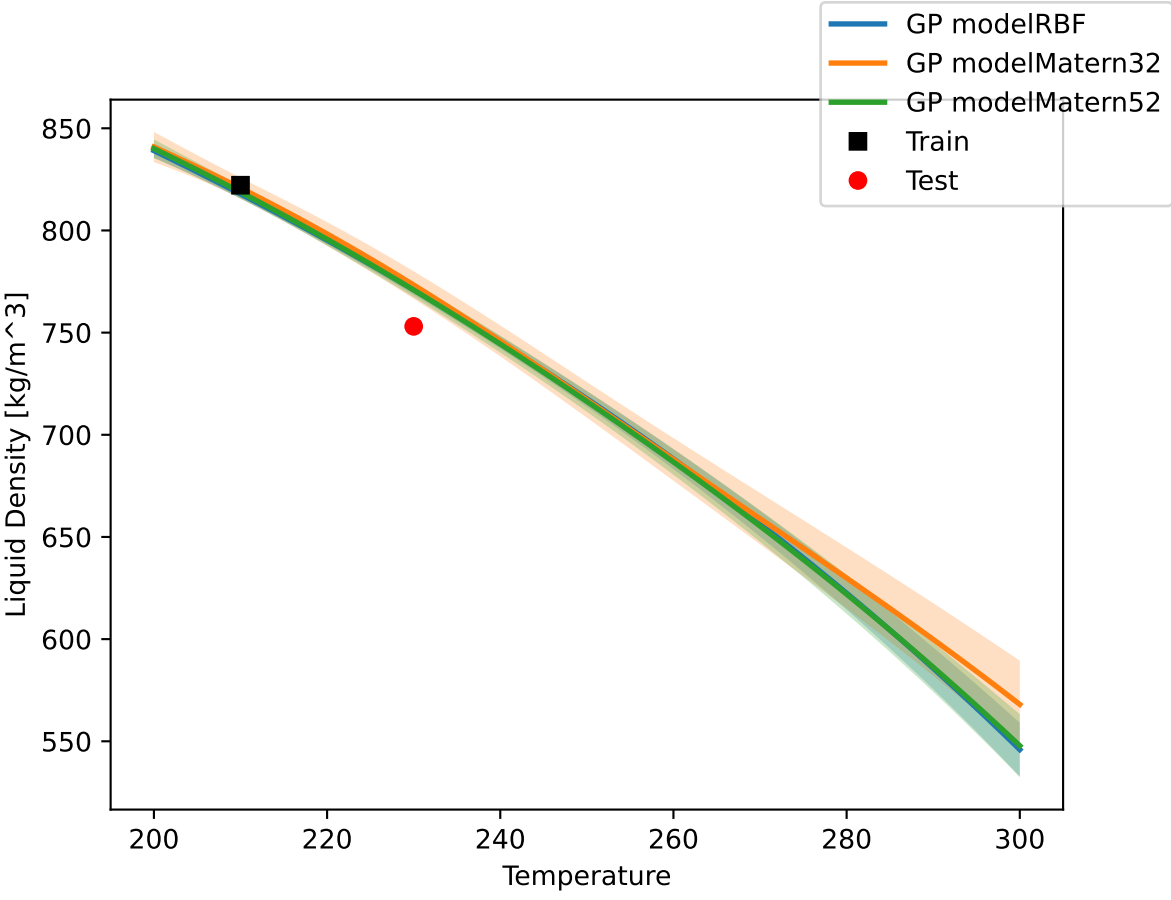

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

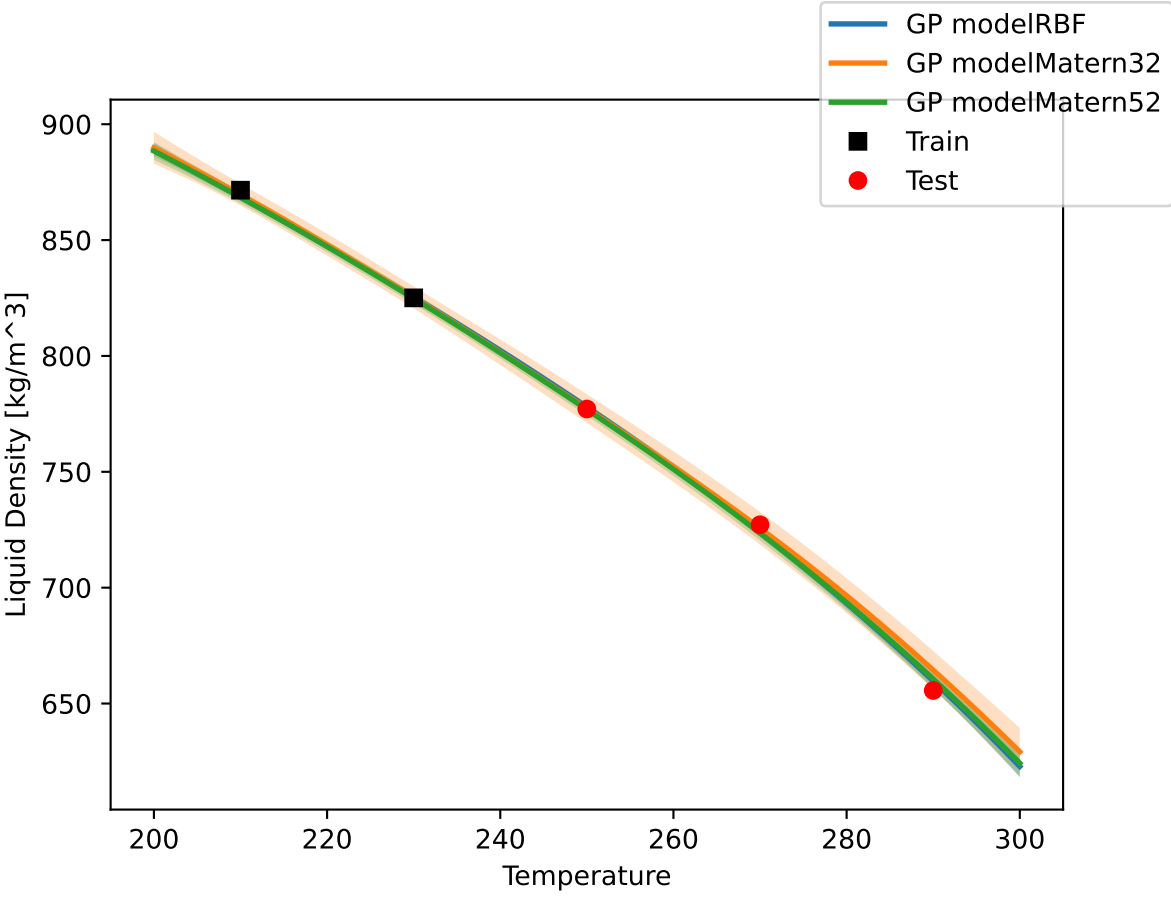

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

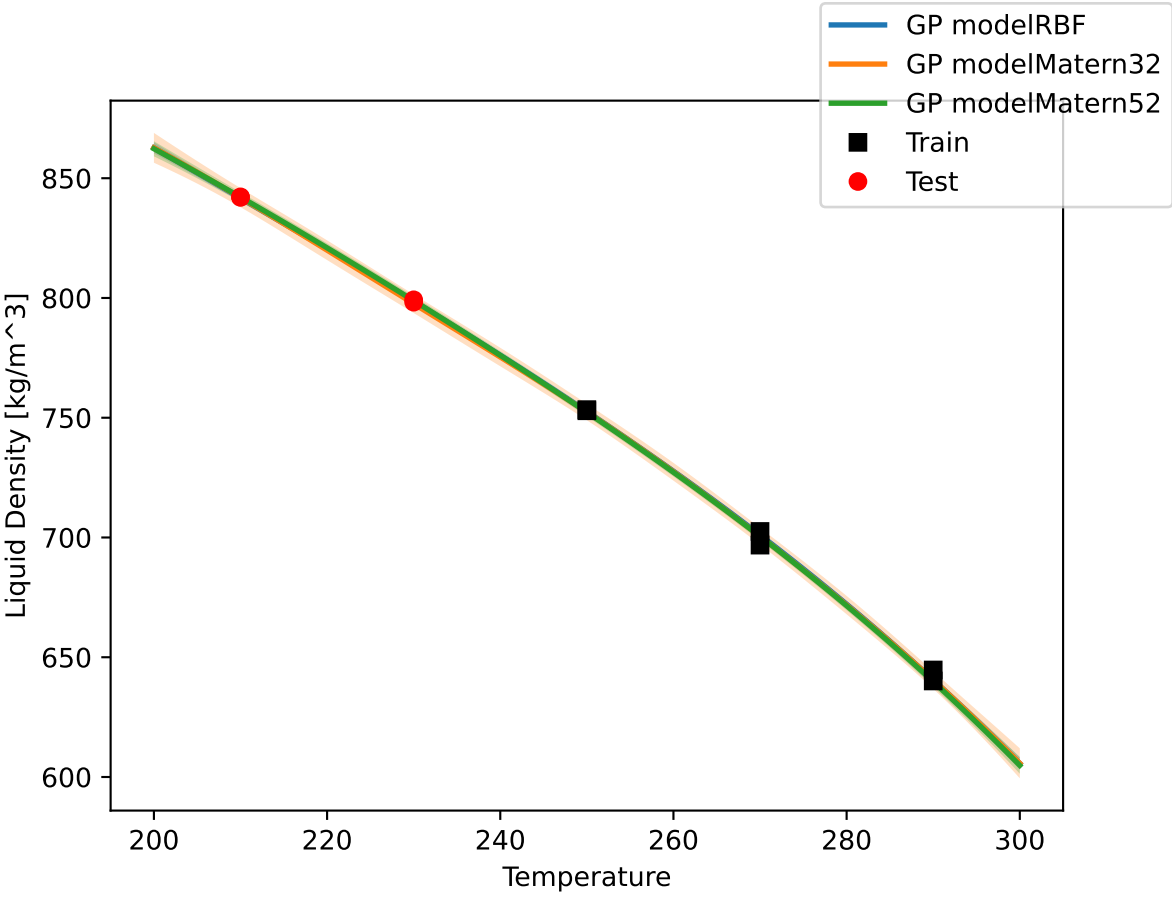

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

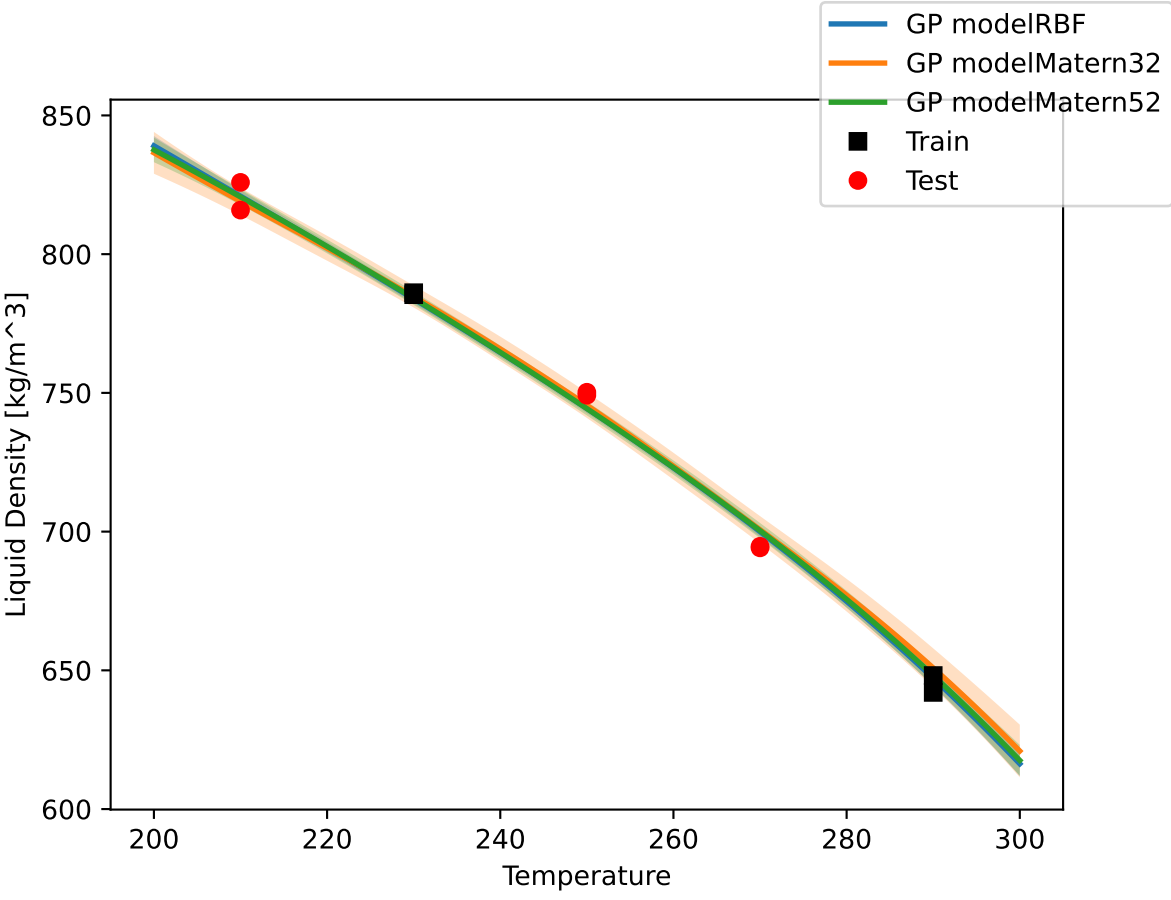

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

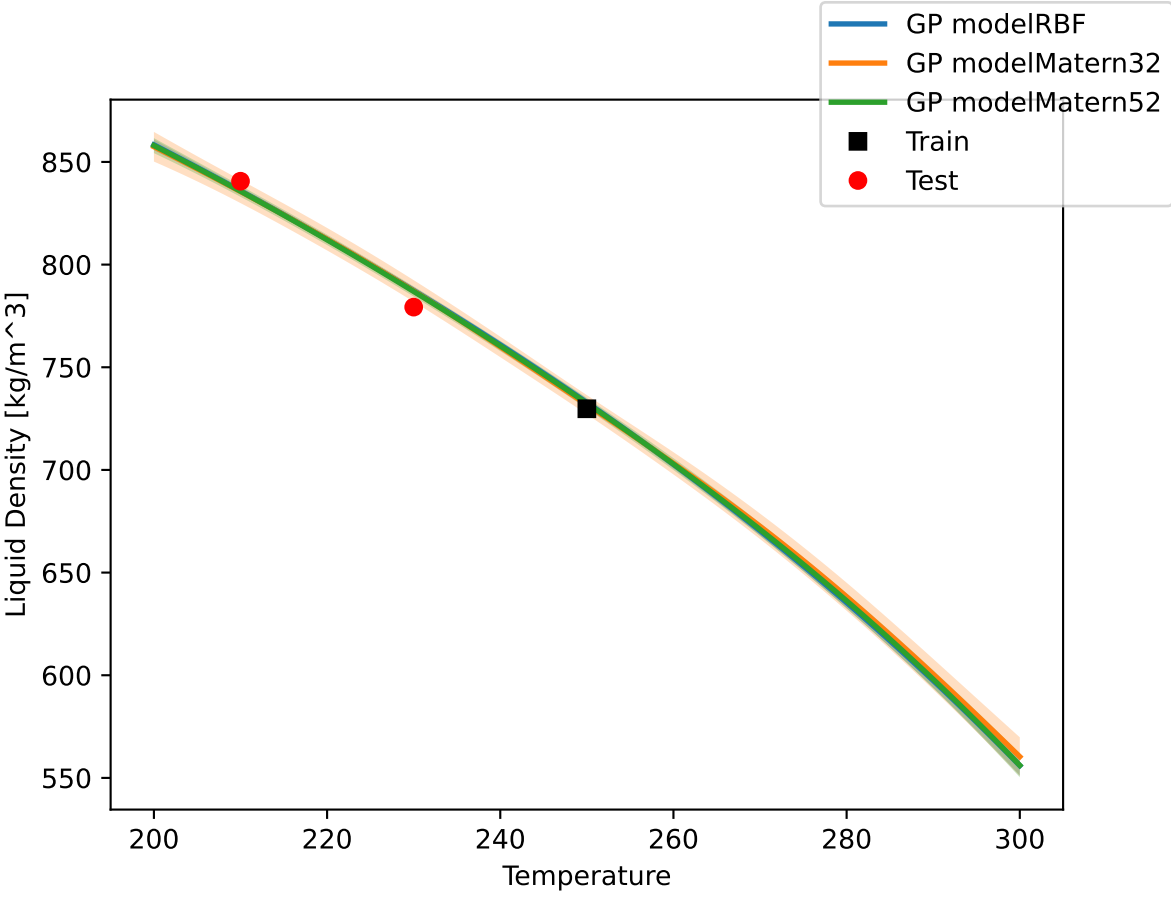

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

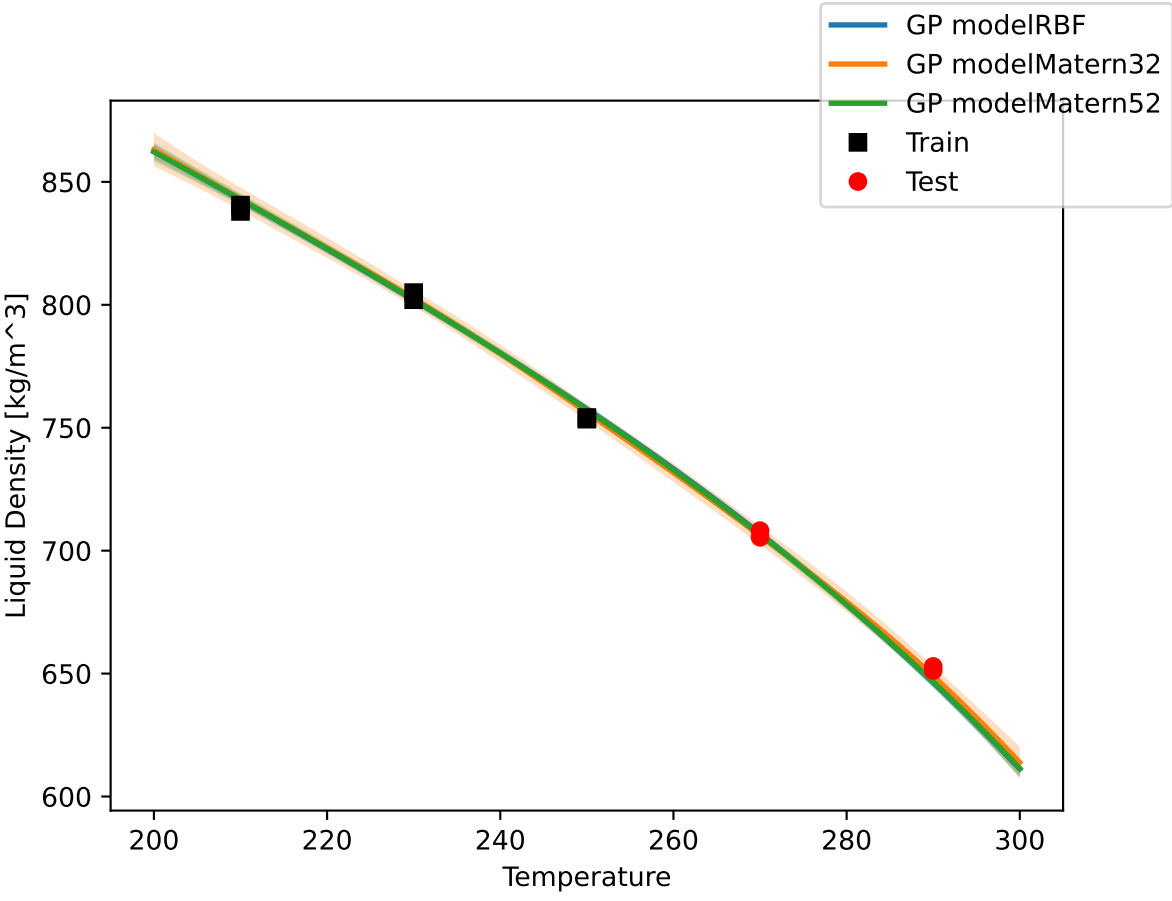

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

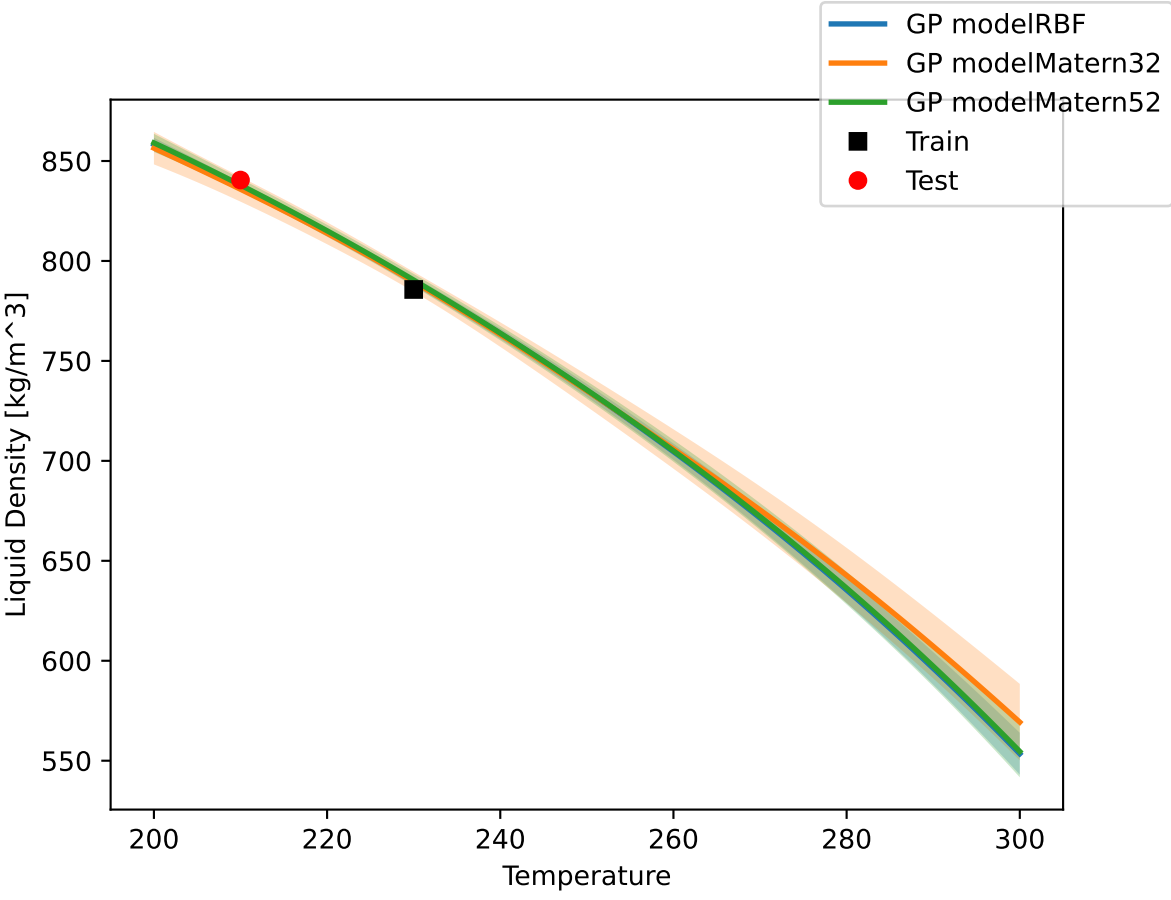

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

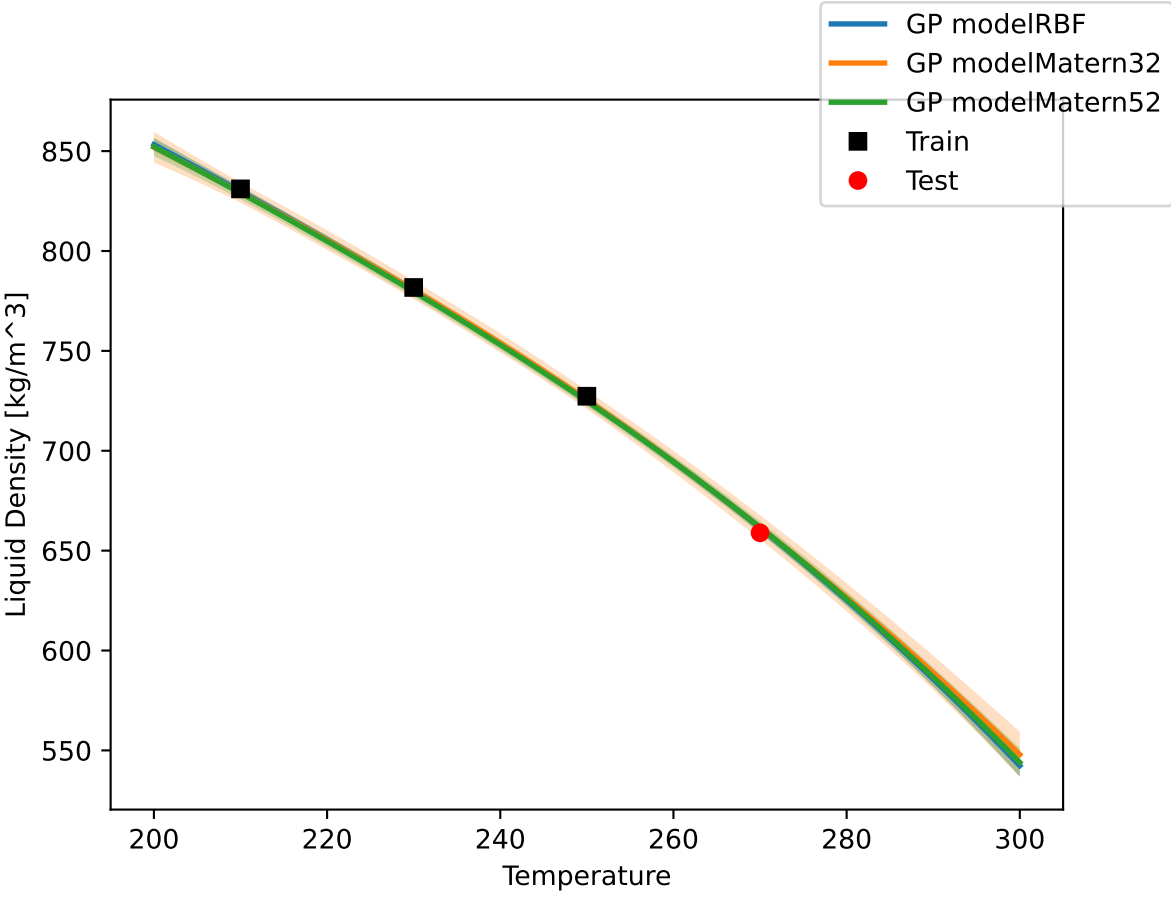

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

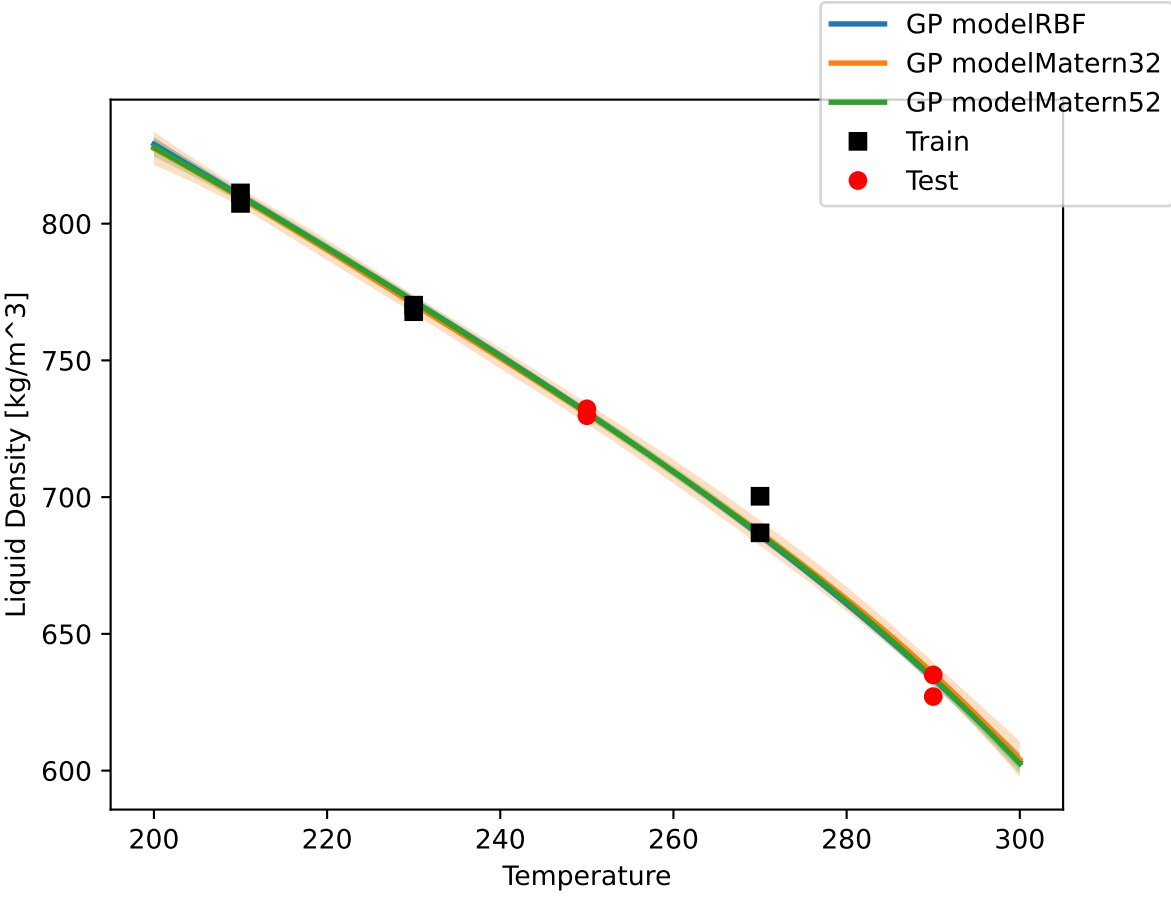

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

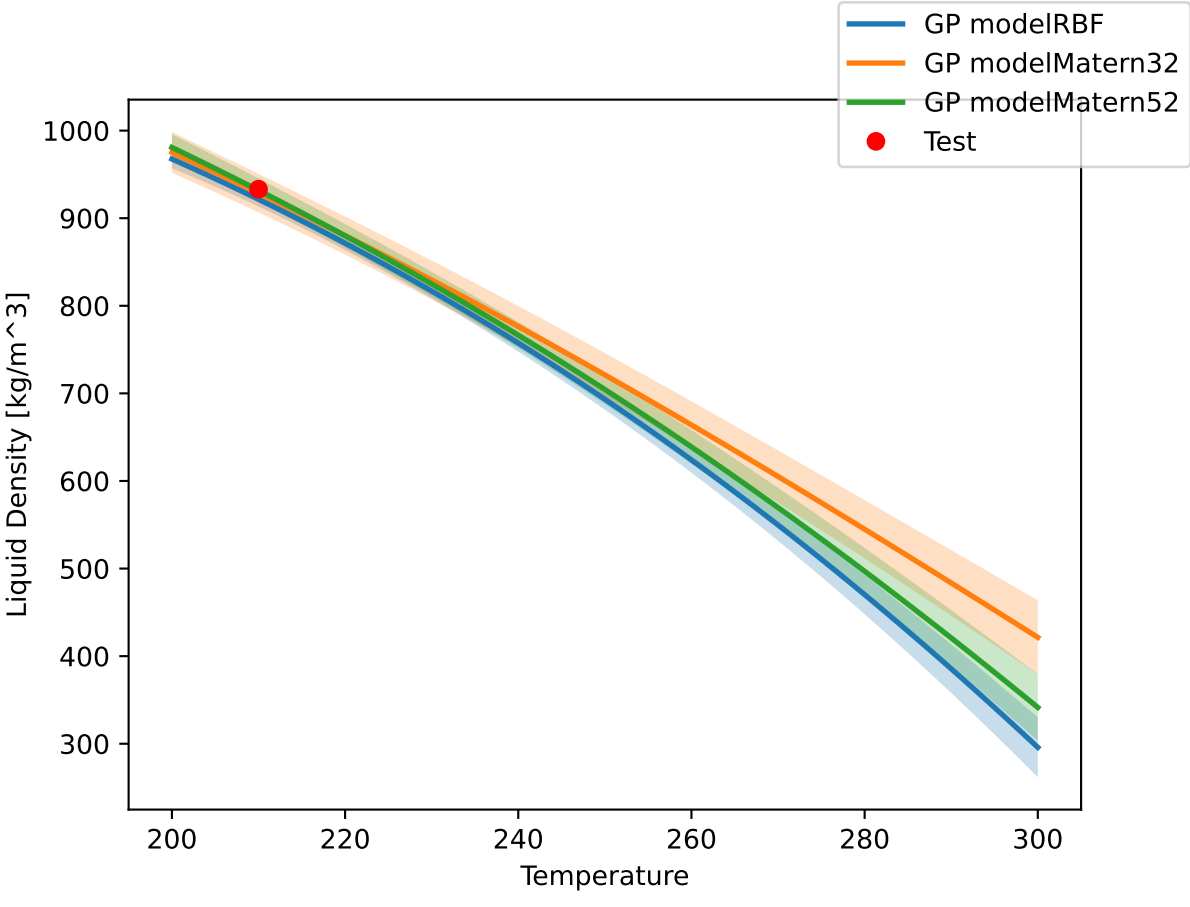

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

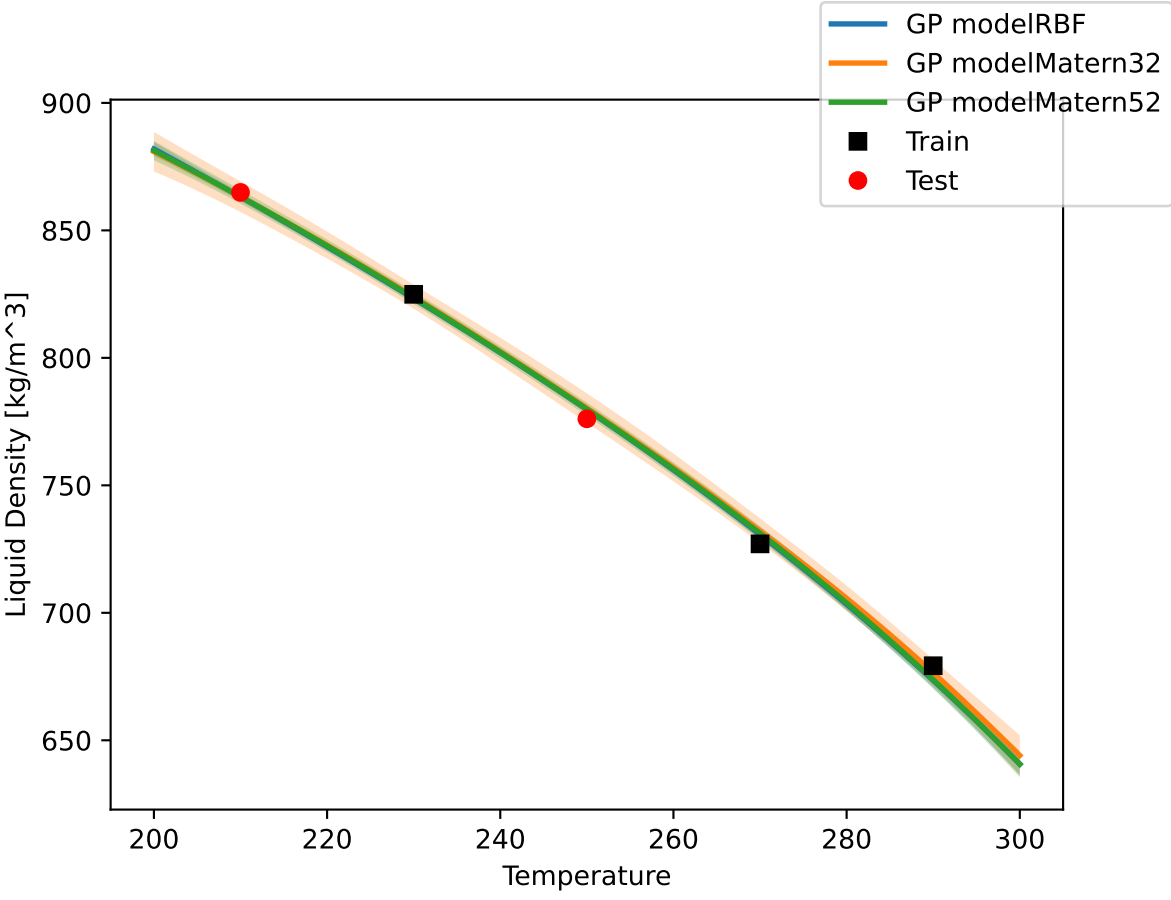

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

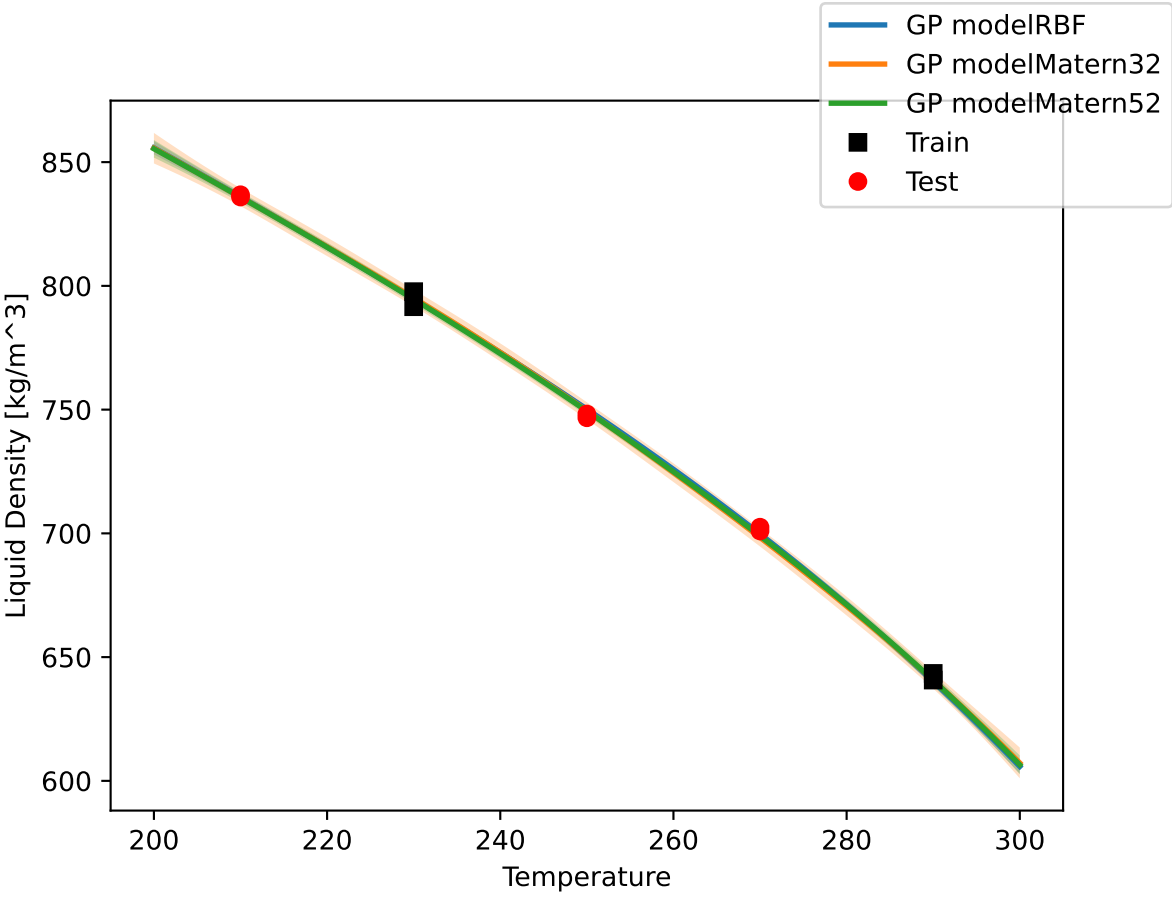

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

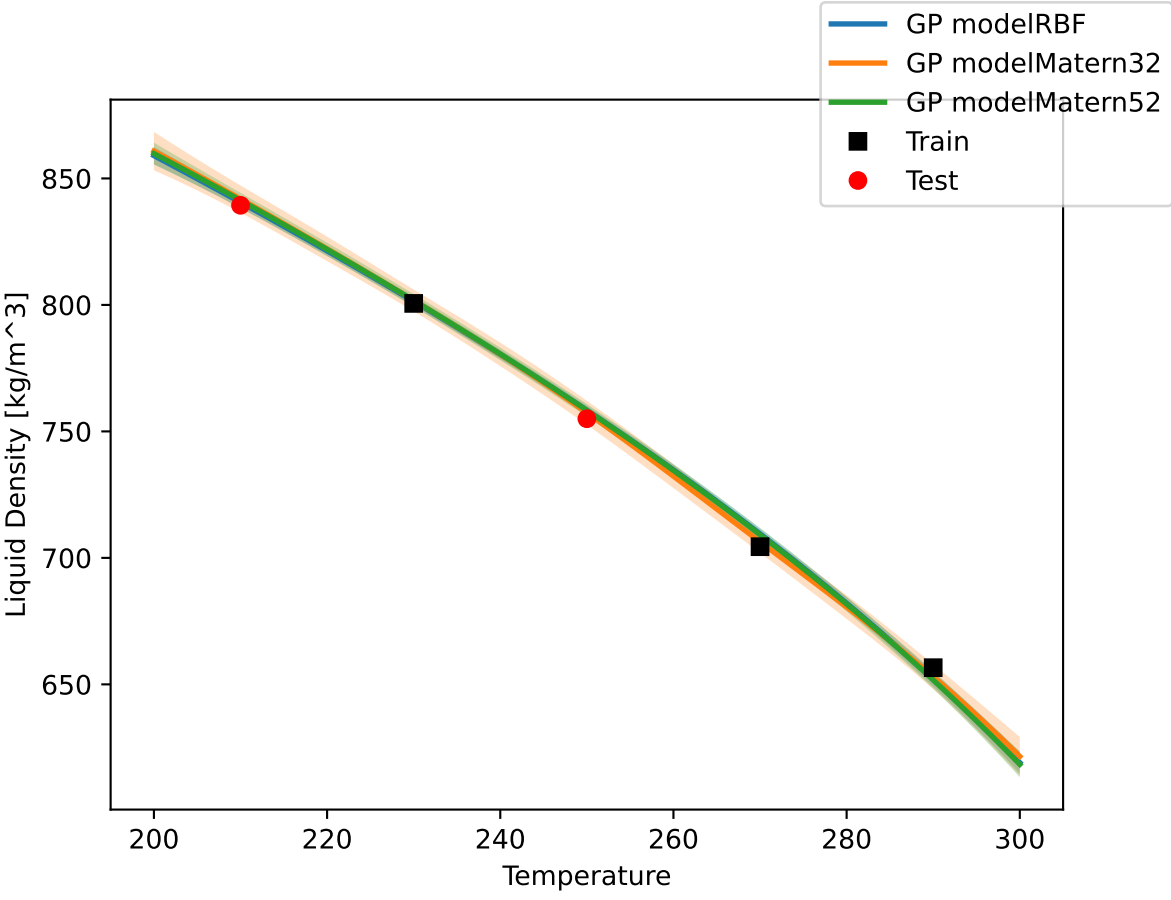

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

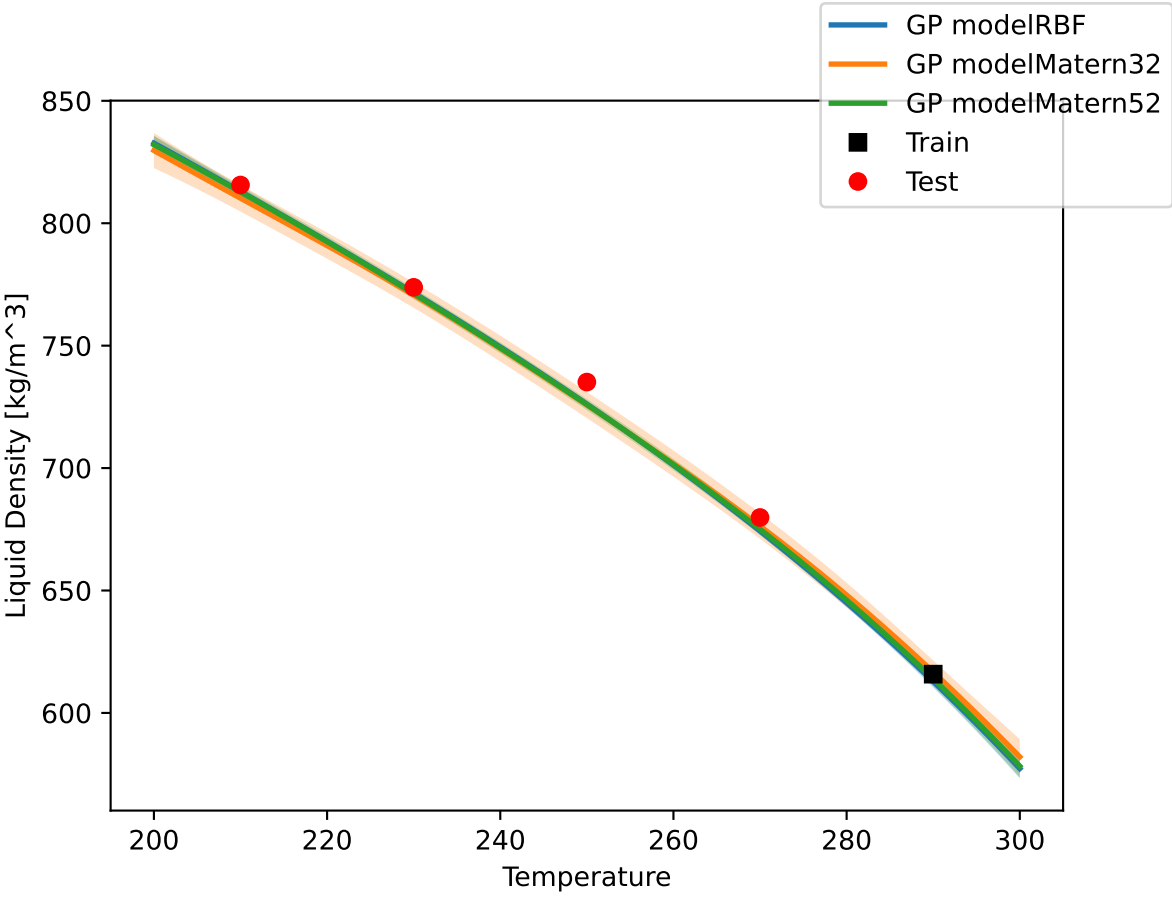

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
800
750
700
650
600
200
220
240
260
280
300
Temperature

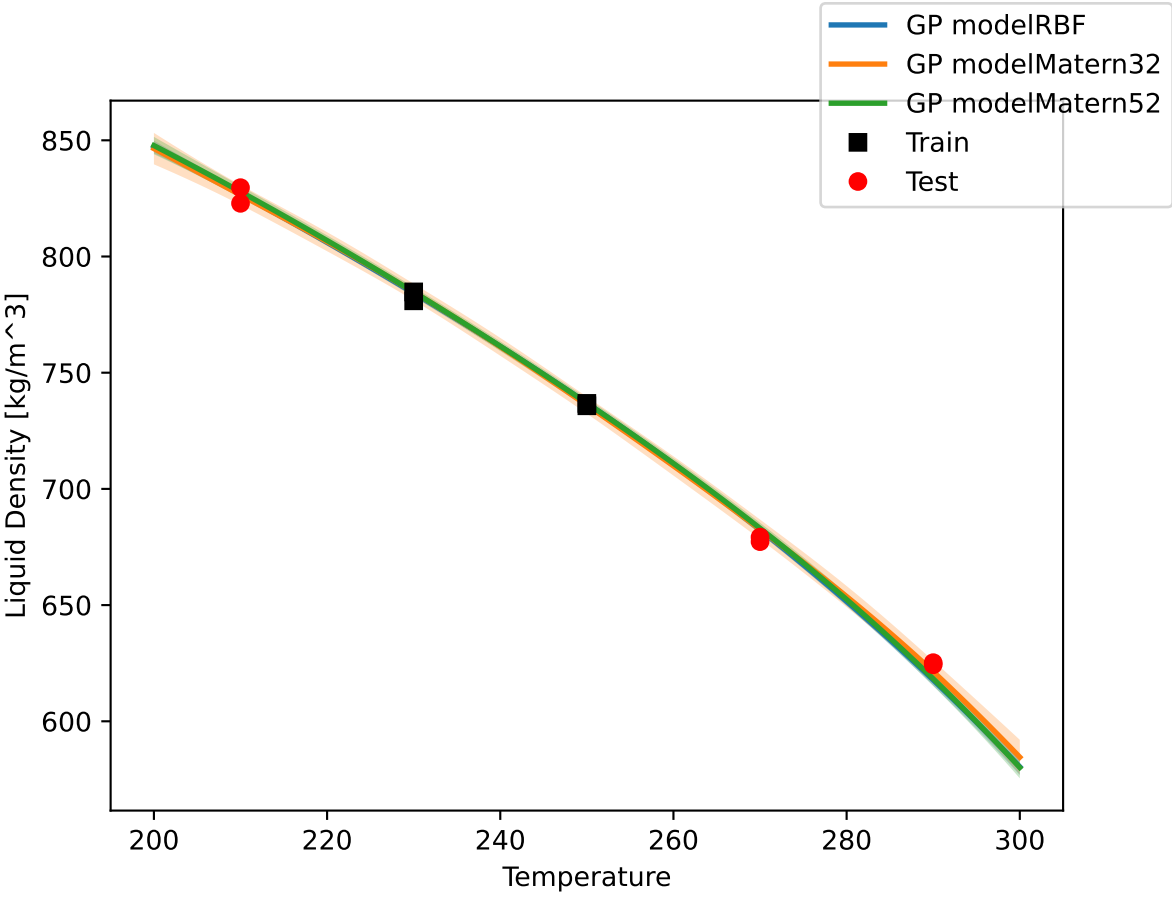

GP modelRBF
GP modelMatern32
GP modelMatern52
Test
1000
900
800
700
600
500
400
300
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

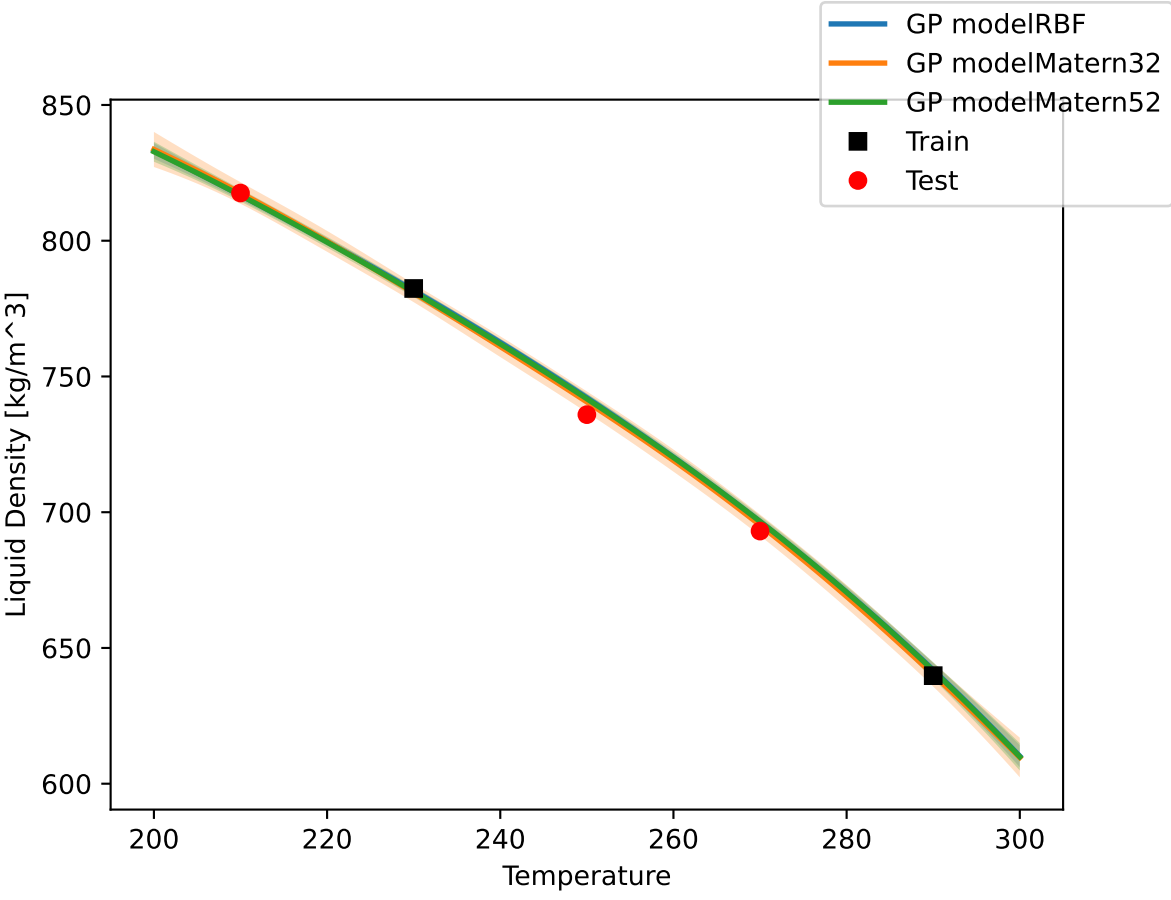

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
900
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

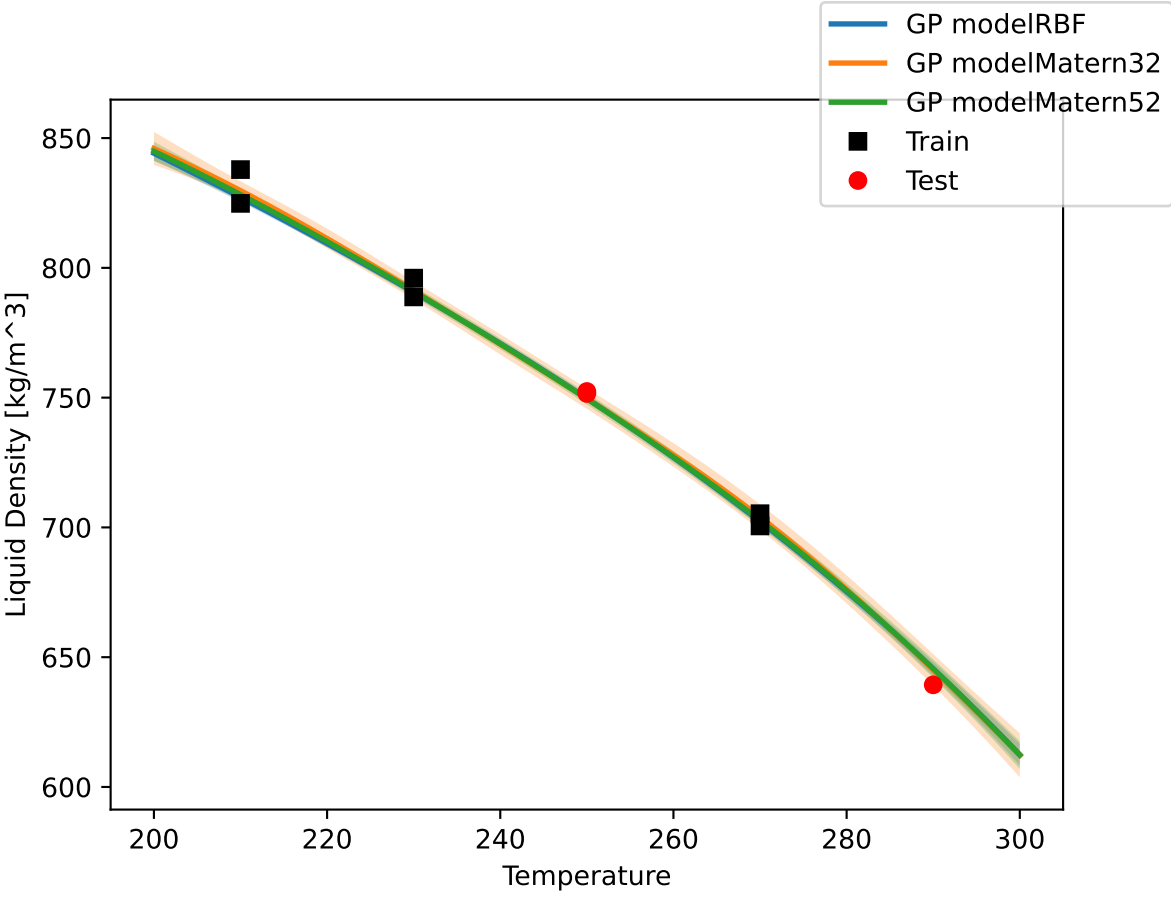

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

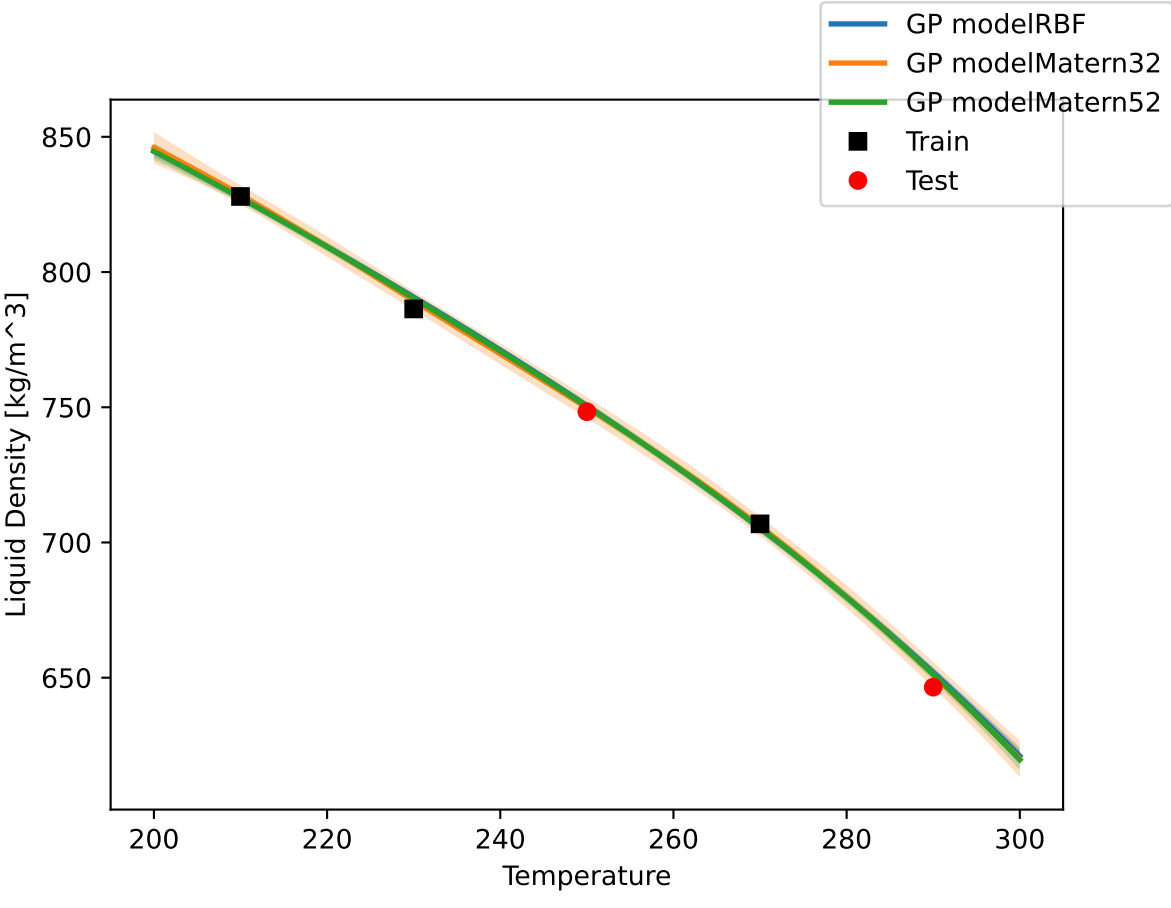

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

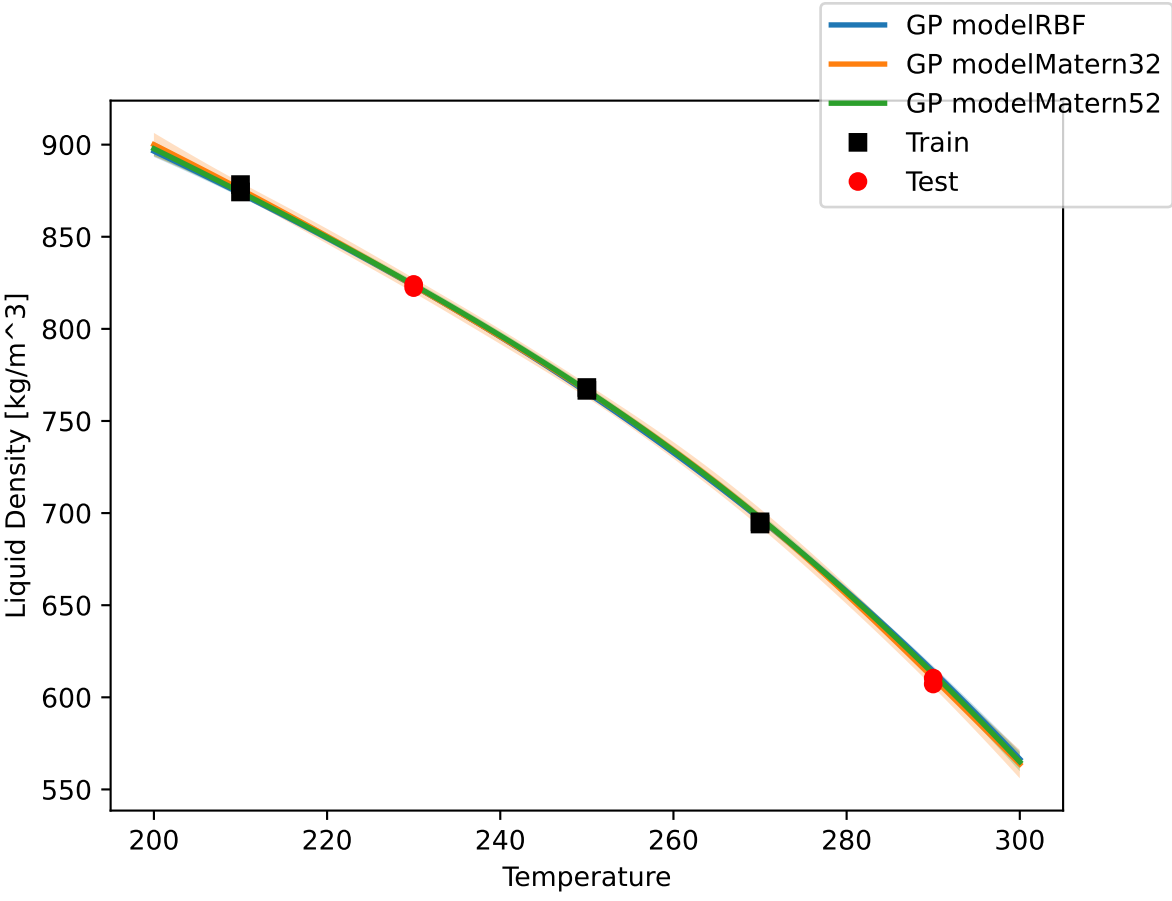

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

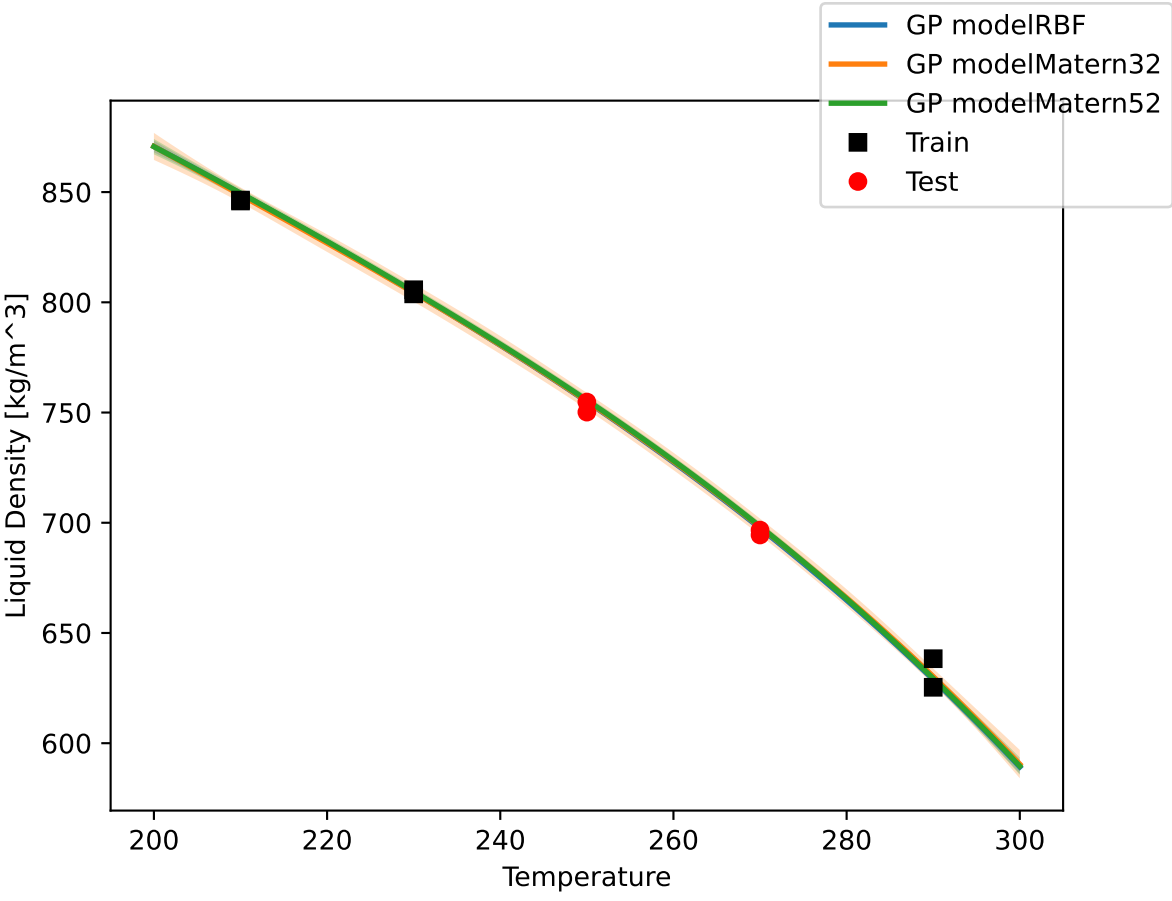

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

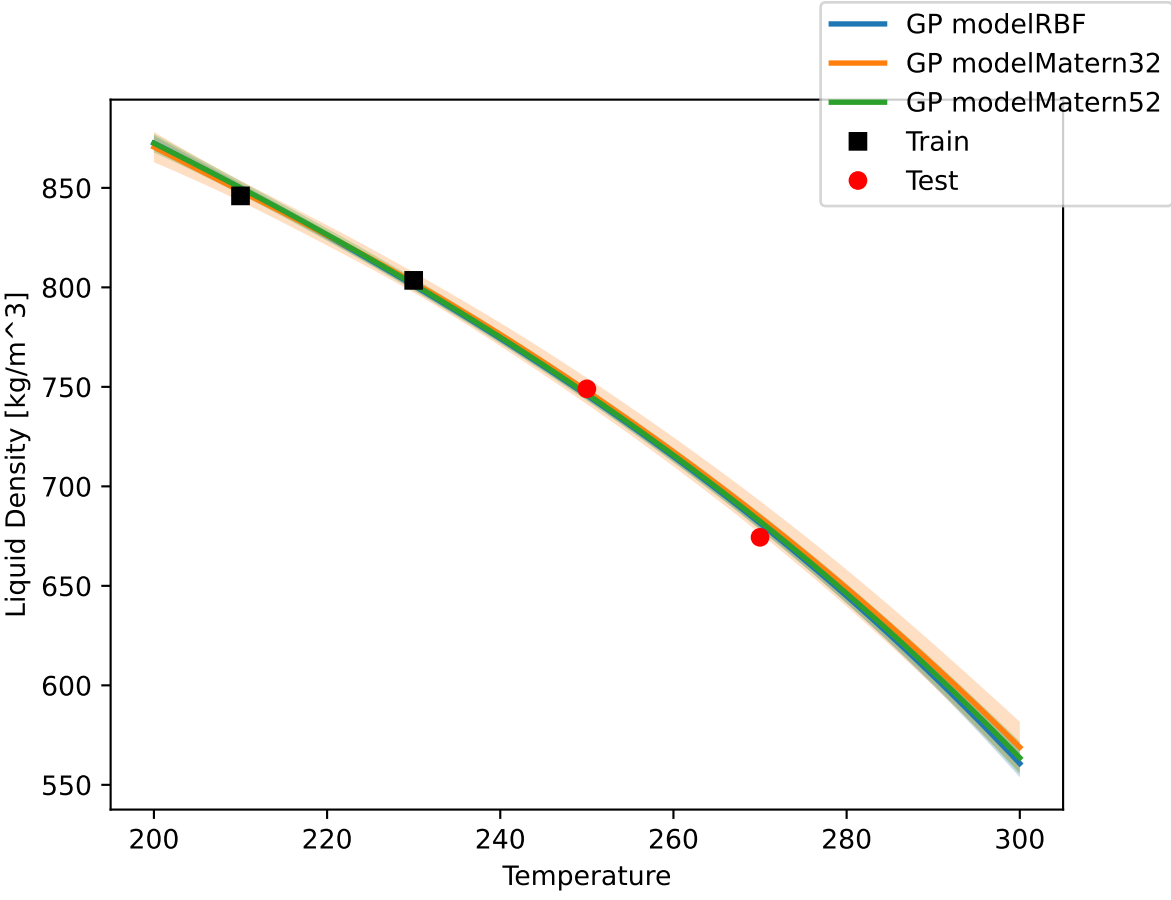

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

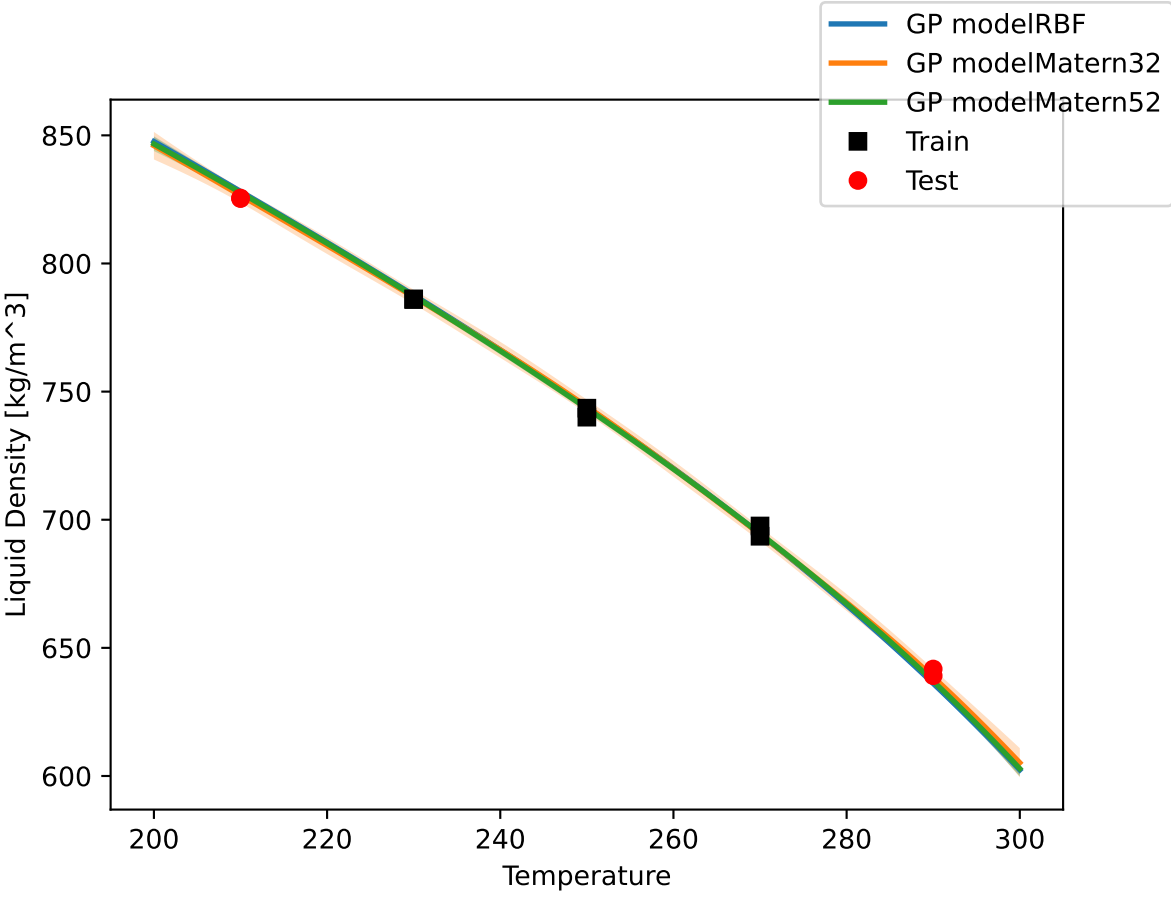

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

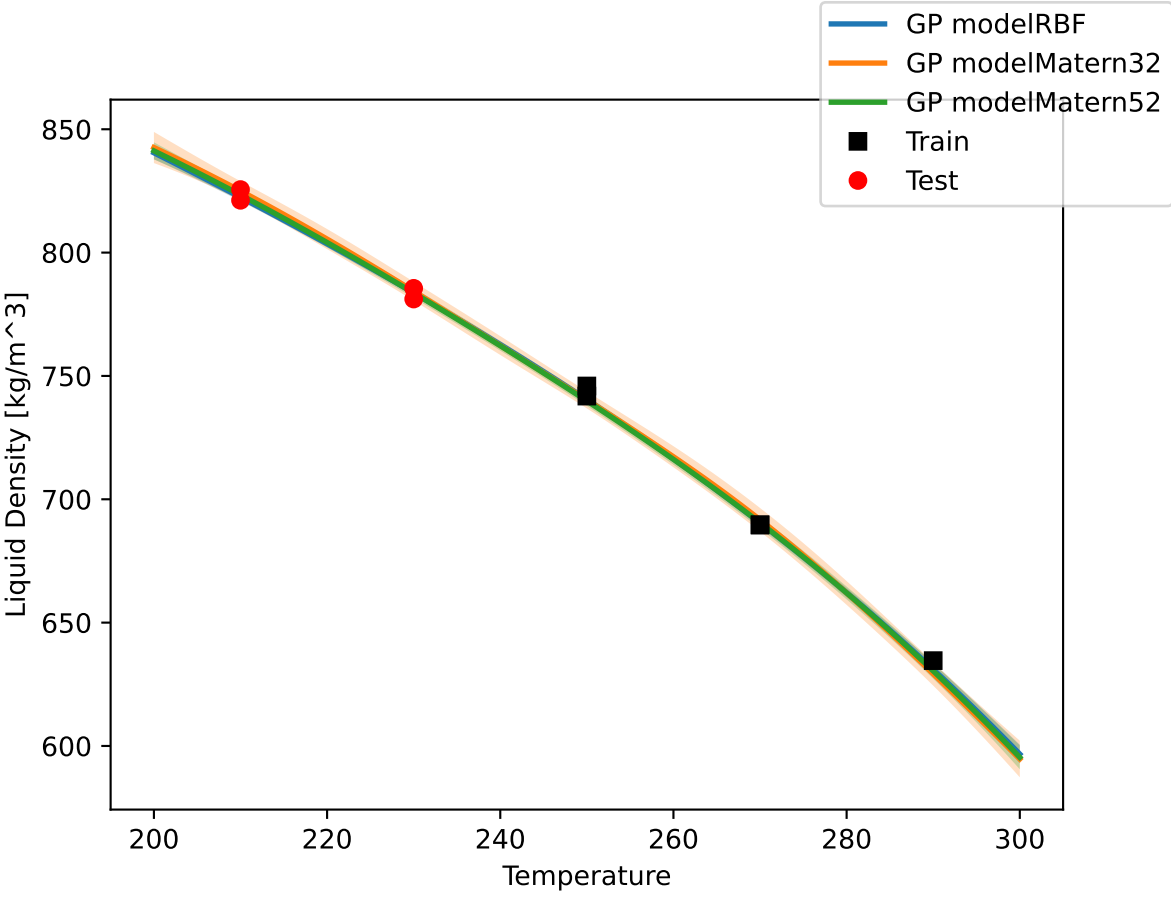

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

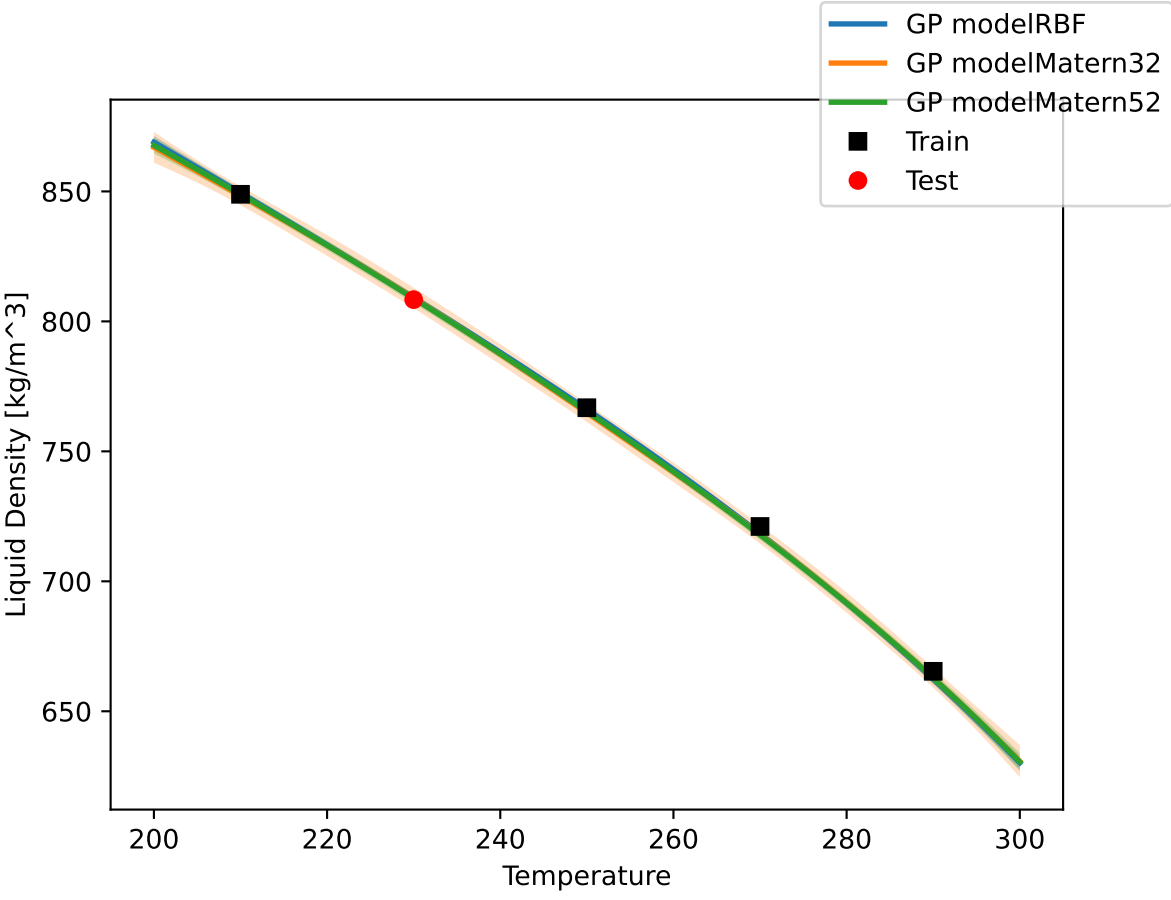

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature

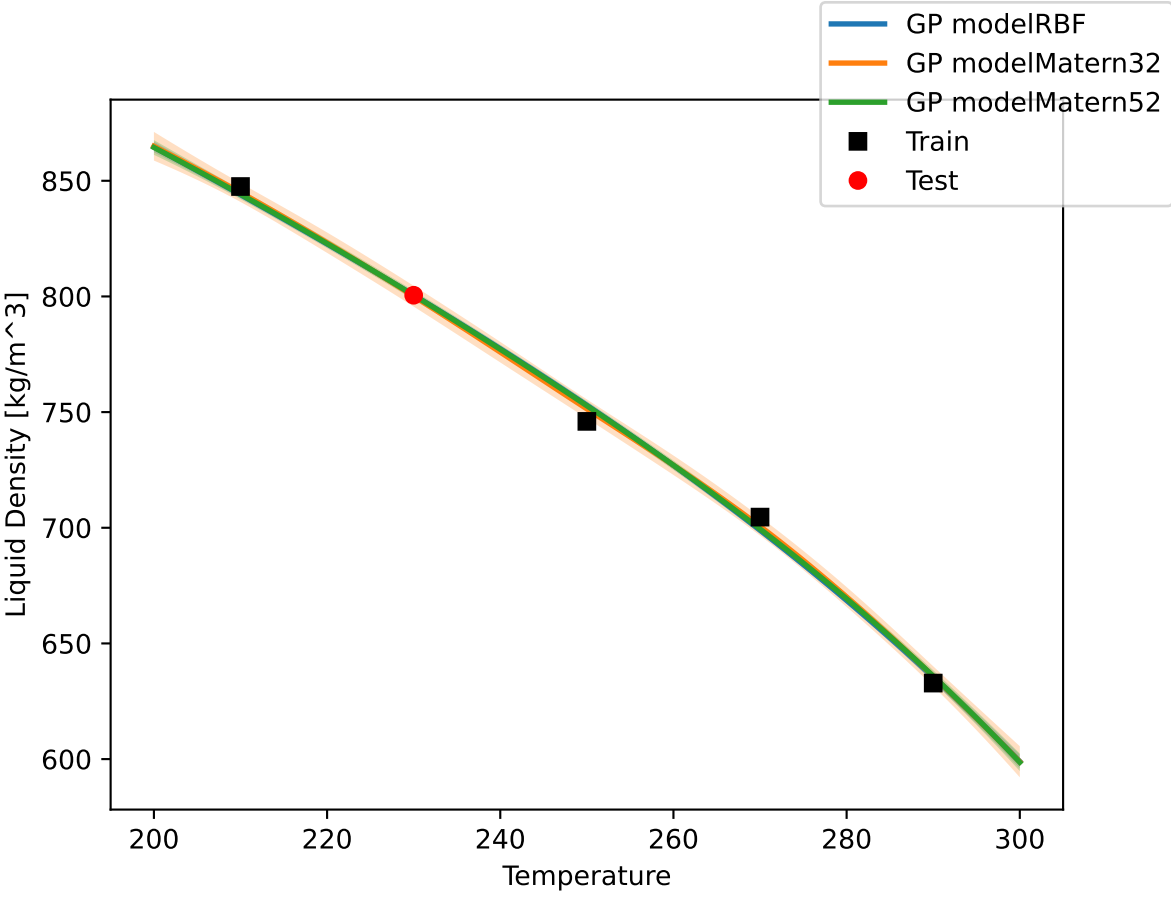

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

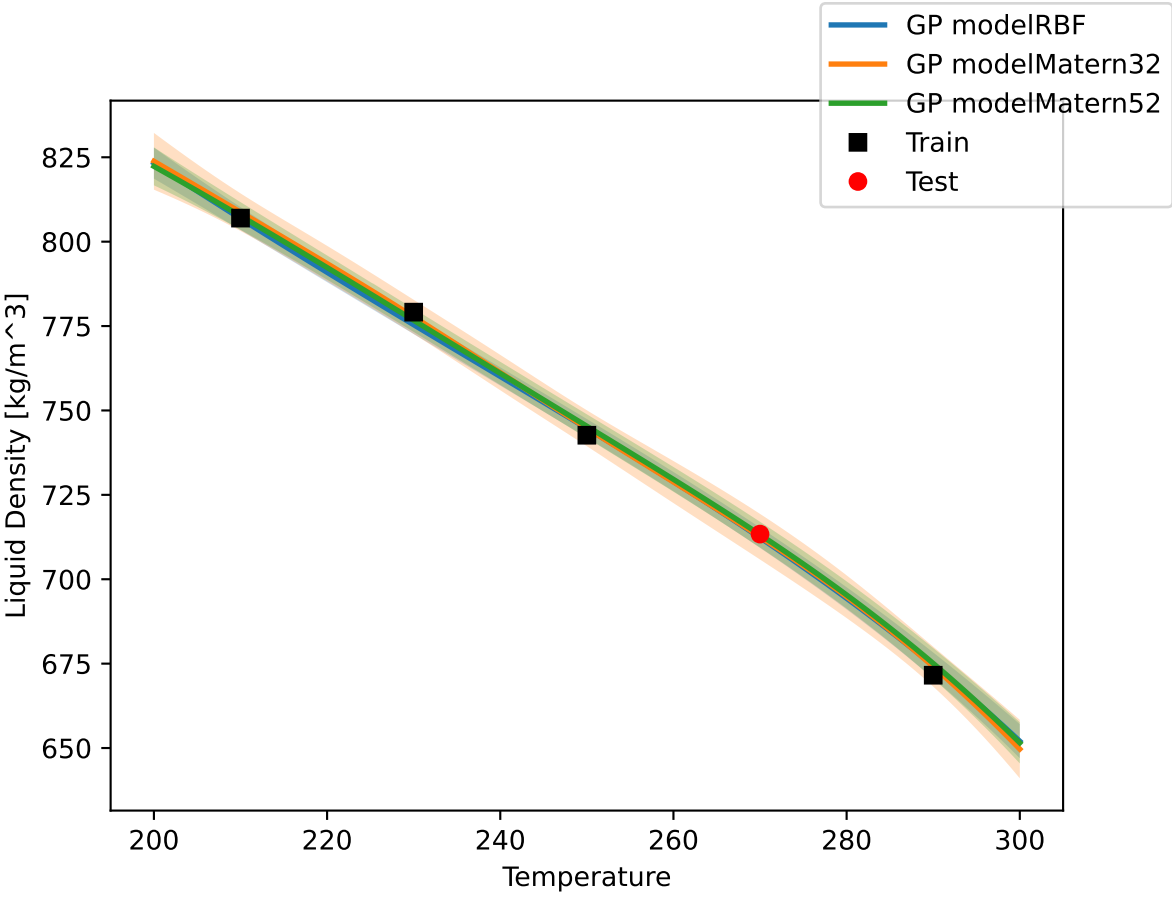

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
550
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

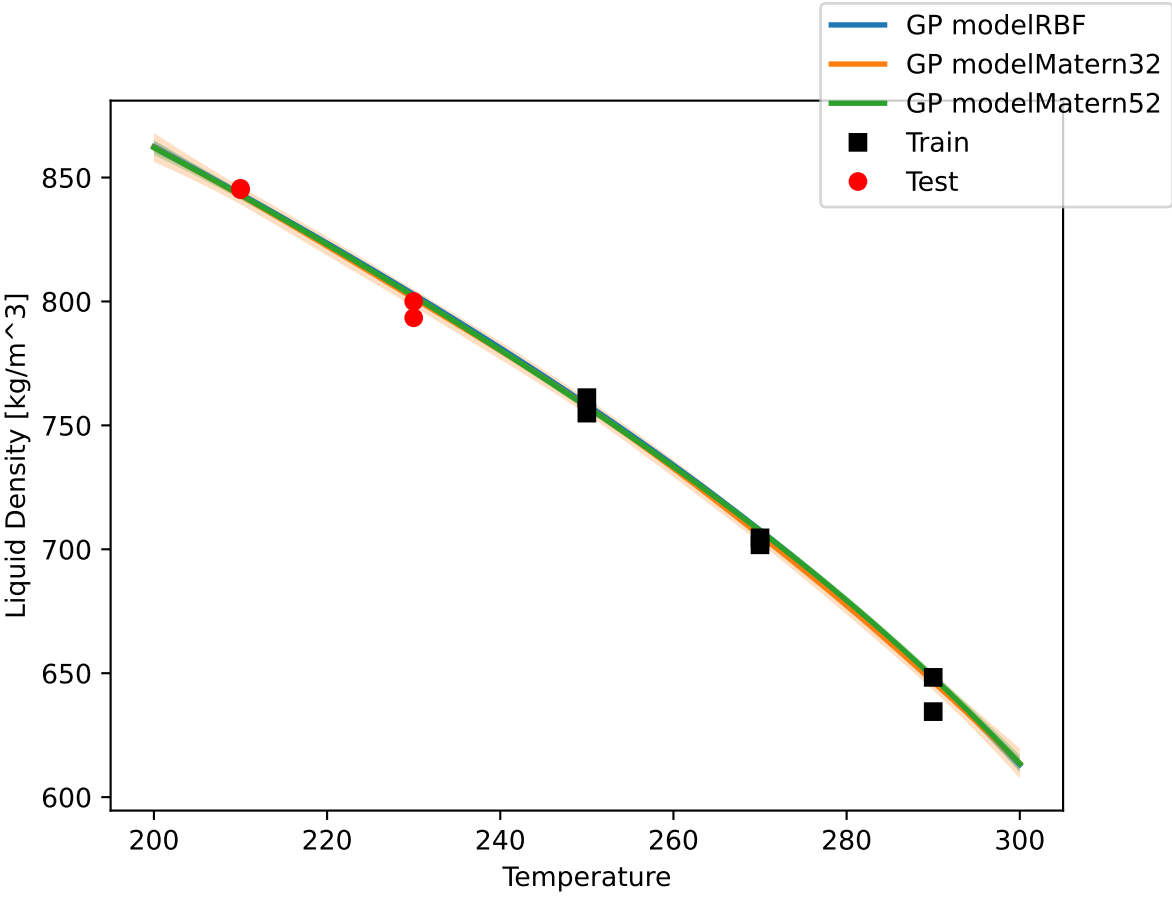

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

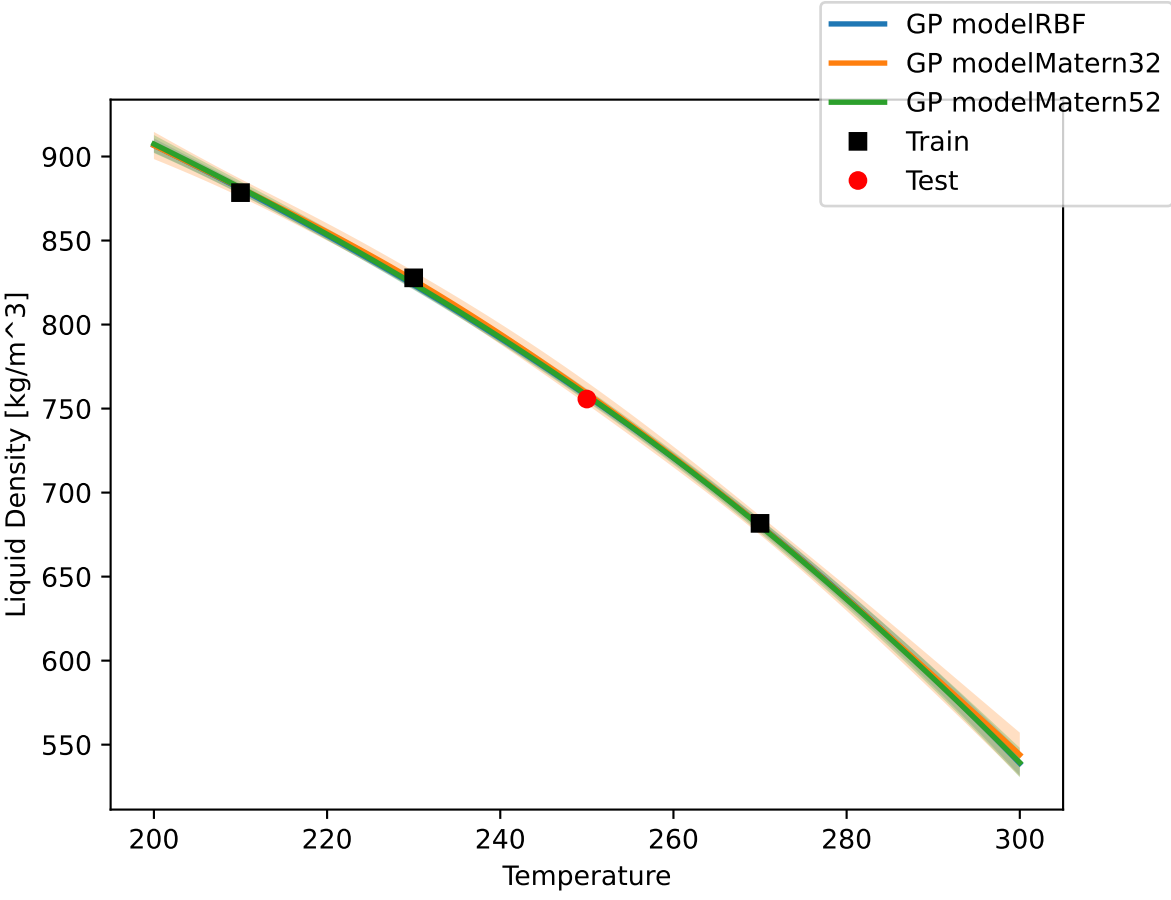

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

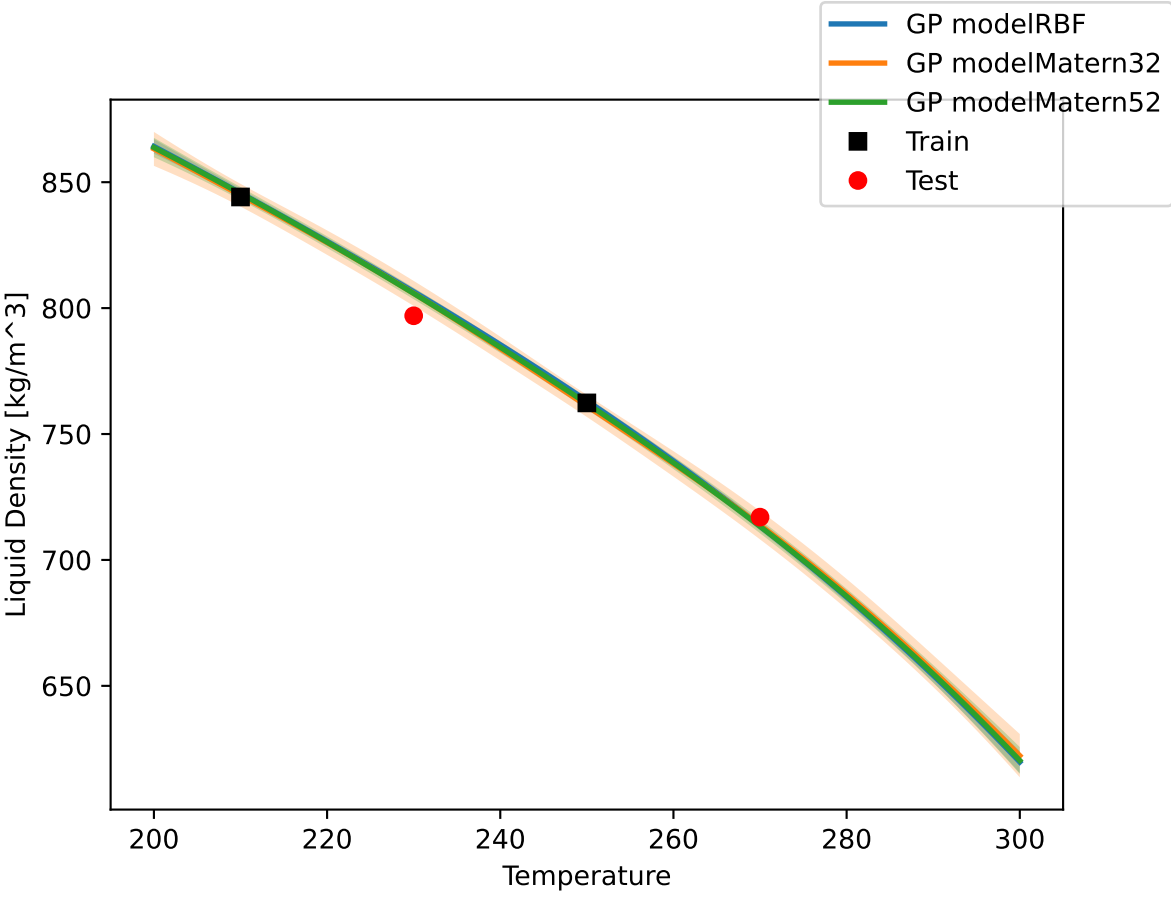

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

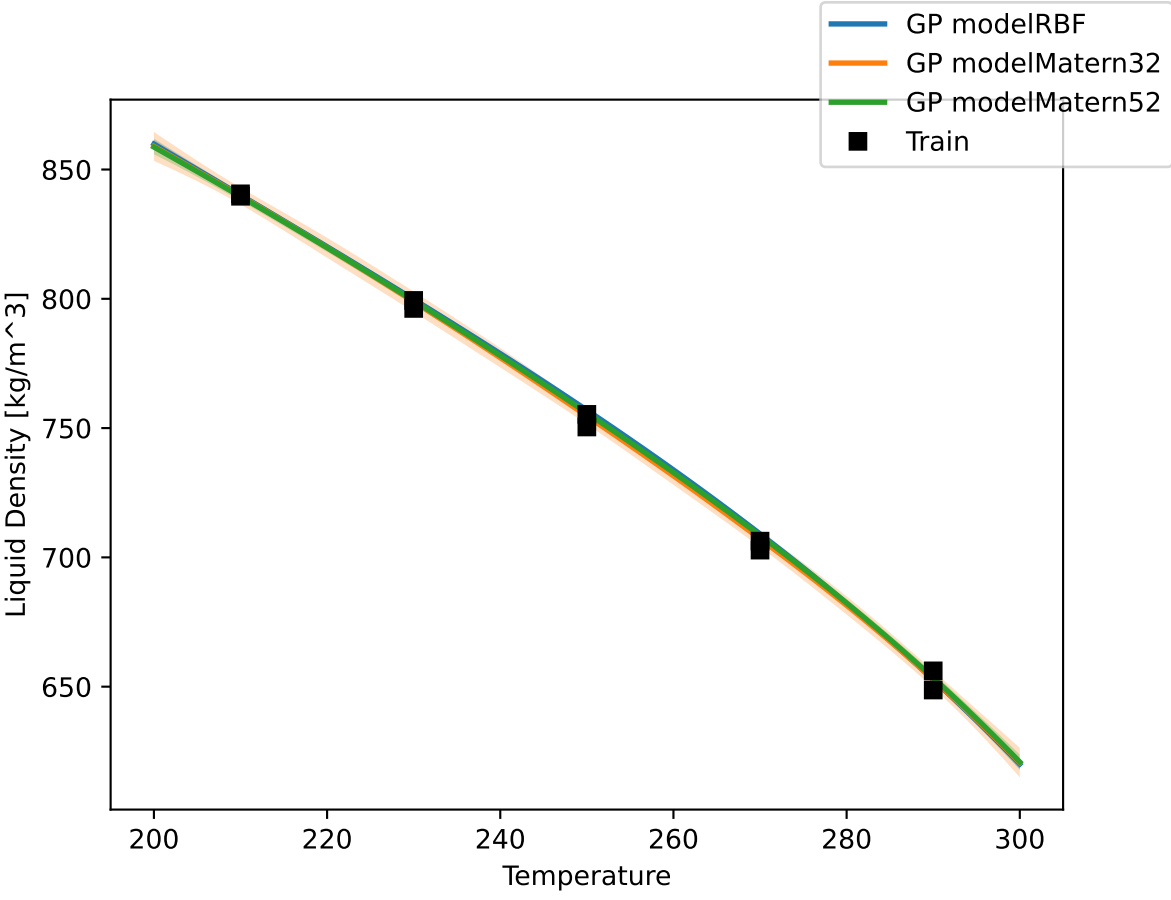

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

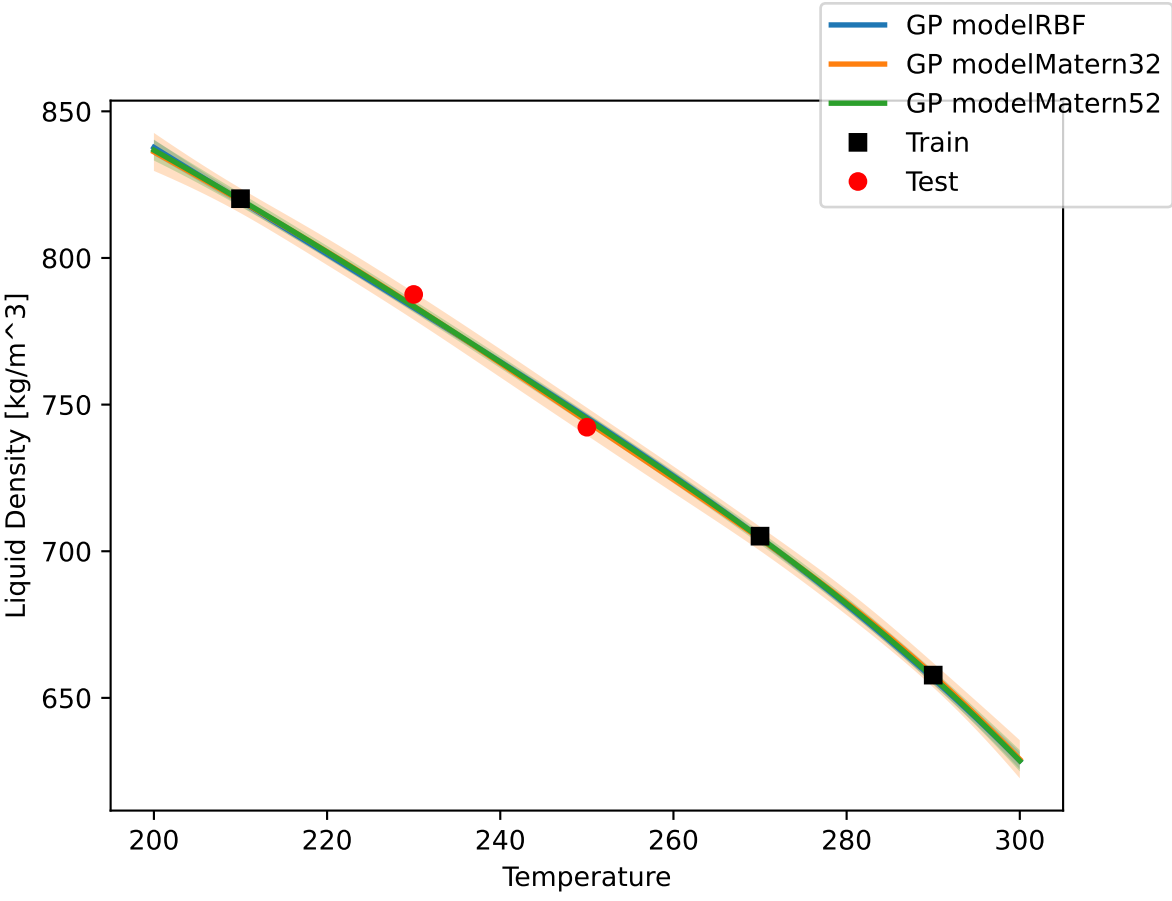

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
825
800
775
750
725
700
675
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature

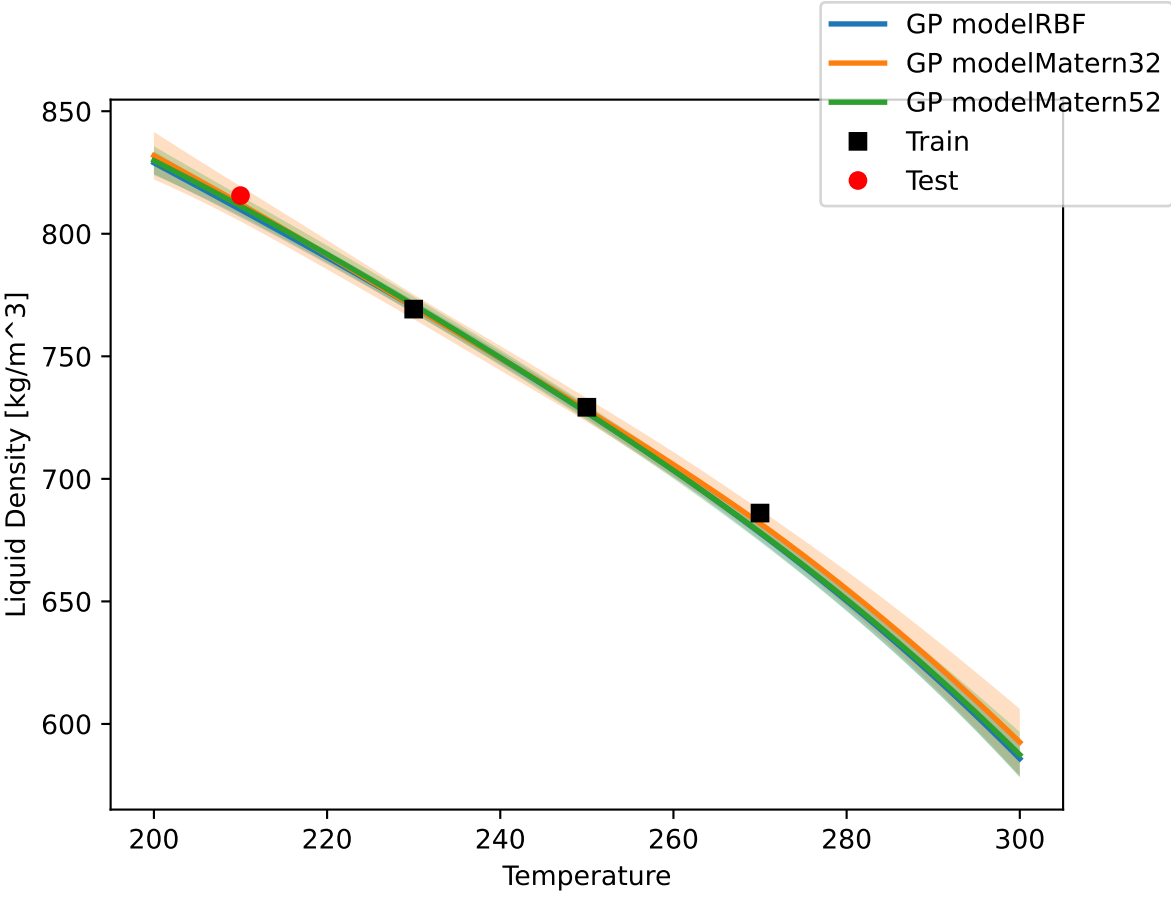

GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature


GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
Liquid Density [kg/m^3]
900
850
800
750
700
650
600
550
200
220
240
260
280
300
Temperature


GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature


GP modelRBF
GP modelMatern32
GP modelMatern52
Train
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature


GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature


GP modelRBF
GP modelMatern32
GP modelMatern52
Train
Test
850
800
750
700
650
600
Liquid Density [kg/m^3]
200
220
240
260
280
300
Temperature