```
TEM =

     1


HUM =

     0


SSEH =

     1


N4SID =

     1


SSGLAR =

     1


GLAR =

     1


PEM =

     1

 sseh temperatura 1 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -122.072893

Elapsed time is 121.633545 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -82.577620

Elapsed time is 100.362514 seconds.
 sseh temperatura 2 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -118.041491

Elapsed time is 161.006984 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -107.992379

Elapsed time is 155.021892 seconds.
 sseh temperatura 3 di 48
```

```
Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -311.145035

Elapsed time is 360.270296 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -90.786365

Elapsed time is 339.758269 seconds.
 sseh temperatura 4 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -338.947474

Elapsed time is 484.860057 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -135.124318

Elapsed time is 478.868832 seconds.
 sseh temperatura 5 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -531.549616

Elapsed time is 985.875848 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -91.223143

Elapsed time is 971.491706 seconds.
 sseh temperatura 6 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -573.608841

Elapsed time is 1184.859244 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -204.874028

Elapsed time is 1148.281802 seconds.

 sseh temperatura 7 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -175.709057

Elapsed time is 119.451139 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -152.337083
```

```
Elapsed time is 106.750004 seconds.
 sseh temperatura 8 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -186.897434

Elapsed time is 161.286791 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -181.588908

Elapsed time is 151.796325 seconds.
 sseh temperatura 9 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -422.444912

Elapsed time is 362.206523 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -384.429019

Elapsed time is 335.478158 seconds.
 sseh temperatura 10 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -468.703813

Elapsed time is 477.305921 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -413.059203

Elapsed time is 445.831098 seconds.
 sseh temperatura 11 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -758.410923

Elapsed time is 1003.930656 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -641.205100

Elapsed time is 921.270386 seconds.
 sseh temperatura 12 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -824.959901

Elapsed time is 1203.045162 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
```

```
         Current function value: -682.888469

Elapsed time is 1058.887008 seconds.

 sseh temperatura 13 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -207.235151

Elapsed time is 115.719372 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -193.320328

Elapsed time is 114.294266 seconds.
 sseh temperatura 14 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -164.269578

Elapsed time is 149.271671 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -154.767671


Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -194.260033

Elapsed time is 161.613021 seconds.
 sseh temperatura 15 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -507.992645

Elapsed time is 267.037351 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -475.878579

Elapsed time is 278.190142 seconds.
 sseh temperatura 16 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -536.227758

Elapsed time is 405.266400 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -574.174200

Elapsed time is 389.224507 seconds.
 sseh temperatura 17 di 48
```

```
Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -968.788611

Elapsed time is 1007.322113 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -818.146188

Elapsed time is 936.603767 seconds.
 sseh temperatura 18 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -1039.220245

Elapsed time is 1203.755795 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -988.536052

Elapsed time is 1137.221090 seconds.

 sseh temperatura 19 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -168.290911

Elapsed time is 116.610256 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -156.481508

Elapsed time is 108.306680 seconds.
 sseh temperatura 20 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -135.802977

Elapsed time is 161.660734 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -113.076438


Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -142.549742

Elapsed time is 164.483639 seconds.
 sseh temperatura 21 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -394.135359

Elapsed time is 263.867597 seconds.
```

```
Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -390.946376

Elapsed time is 263.331463 seconds.
 sseh temperatura 22 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -473.493619

Elapsed time is 413.285147 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -466.199434

Elapsed time is 380.349112 seconds.
 sseh temperatura 23 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -813.991327

Elapsed time is 988.456799 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -700.739581

Elapsed time is 913.720342 seconds.
 sseh temperatura 24 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -873.415516

Elapsed time is 1202.731802 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -826.405458

Elapsed time is 1118.231330 seconds.

 sseh temperatura 25 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -357.446633

Elapsed time is 104.303167 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -402.498477

Elapsed time is 103.978759 seconds.
 sseh temperatura 26 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
```

```
         Current function value: -298.905403

Elapsed time is 152.680677 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -481.293212

Elapsed time is 142.962924 seconds.
 sseh temperatura 27 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -746.206597

Elapsed time is 284.453421 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -45.187085


Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -238.916119

Elapsed time is 299.242956 seconds.
 sseh temperatura 28 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -707.539064

Elapsed time is 497.932836 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -355.536064

Elapsed time is 385.480276 seconds.
 sseh temperatura 29 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -1149.953342

Elapsed time is 951.890801 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -121.441625

Elapsed time is 899.613199 seconds.
 sseh temperatura 30 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -1154.402804

Elapsed time is 1149.760206 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
```

```
         Current function value: -557.018829

Elapsed time is 1073.201510 seconds.

 sseh temperatura 31 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -150.505013

Elapsed time is 120.151073 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -149.663608

Elapsed time is 115.248619 seconds.
 sseh temperatura 32 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -150.216137

Elapsed time is 166.572986 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -112.019182

Elapsed time is 158.198591 seconds.
 sseh temperatura 33 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -404.709912

Elapsed time is 359.004437 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -298.725557

Elapsed time is 336.475660 seconds.
 sseh temperatura 34 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -410.156524

Elapsed time is 480.651568 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -331.833125

Elapsed time is 427.996624 seconds.
 sseh temperatura 35 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -707.655247

Elapsed time is 989.626700 seconds.
```

```
Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -376.036238

Elapsed time is 924.911837 seconds.
 sseh temperatura 36 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -731.771524

Elapsed time is 1198.758213 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -499.828969

Elapsed time is 1137.207728 seconds.

 sseh temperatura 37 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -100.202333

Elapsed time is 113.409818 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -114.530705

Elapsed time is 107.519221 seconds.
 sseh temperatura 38 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -134.981094

Elapsed time is 164.234001 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -117.471855

Elapsed time is 153.832781 seconds.
 sseh temperatura 39 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -363.464275

Elapsed time is 356.420925 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -334.376910

Elapsed time is 338.663800 seconds.
 sseh temperatura 40 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
```

```
         Current function value: -424.001715

Elapsed time is 484.757922 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -399.237190

Elapsed time is 447.077929 seconds.
 sseh temperatura 41 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -704.991140

Elapsed time is 1025.242597 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -589.415012

Elapsed time is 915.219441 seconds.
 sseh temperatura 42 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -741.682446

Elapsed time is 1203.594293 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -716.686500

Elapsed time is 1125.206324 seconds.

 sseh temperatura 43 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -176.591072

Elapsed time is 121.122071 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -189.297443

Elapsed time is 108.131990 seconds.
 sseh temperatura 44 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -175.824879

Elapsed time is 166.448805 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -173.438649

Elapsed time is 154.814271 seconds.
 sseh temperatura 45 di 48
```

```
Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -385.003255

Elapsed time is 358.866518 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -319.379142

Elapsed time is 339.435463 seconds.
 sseh temperatura 46 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -396.737330

Elapsed time is 498.640345 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -393.397344

Elapsed time is 455.311945 seconds.
 sseh temperatura 47 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -729.778883

Elapsed time is 1032.855643 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -627.307407

Elapsed time is 850.188870 seconds.
 sseh temperatura 48 di 48

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -713.385411

Elapsed time is 1202.985572 seconds.

Exiting: Maximum number of function evaluations has been exceeded
         - increase MaxFunEvals option.
         Current function value: -688.484525

Elapsed time is 1136.455089 seconds.

 n4sid temperatura 1 di 48
ite: sens 1 n: 100. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
 n4sid temperatura 2 di 48
ite: sens 1 n: 200. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
 n4sid temperatura 3 di 48
 n4sid temperatura 4 di 48
 n4sid temperatura 5 di 48
 n4sid temperatura 6 di 48
 n4sid temperatura 7 di 48
```

```
ite: sens 2 n: 100. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
 n4sid temperatura 8 di 48
ite: sens 2 n: 200. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
 n4sid temperatura 9 di 48
 n4sid temperatura 10 di 48
 n4sid temperatura 11 di 48
 n4sid temperatura 12 di 48
 n4sid temperatura 13 di 48
ite: sens 3 n: 100. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
 n4sid temperatura 14 di 48
ite: sens 3 n: 200. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
 n4sid temperatura 15 di 48
 n4sid temperatura 16 di 48
 n4sid temperatura 17 di 48
 n4sid temperatura 18 di 48
 n4sid temperatura 19 di 48
ite: sens 4 n: 100. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
 n4sid temperatura 20 di 48
ite: sens 4 n: 200. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
 n4sid temperatura 21 di 48
 n4sid temperatura 22 di 48
 n4sid temperatura 23 di 48
 n4sid temperatura 24 di 48
 n4sid temperatura 25 di 48
ite: sens 5 n: 100. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
 n4sid temperatura 26 di 48
ite: sens 5 n: 200. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
 n4sid temperatura 27 di 48
 n4sid temperatura 28 di 48
 n4sid temperatura 29 di 48
 n4sid temperatura 30 di 48
 n4sid temperatura 31 di 48
ite: sens 6 n: 100. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
 n4sid temperatura 32 di 48
ite: sens 6 n: 200. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
 n4sid temperatura 33 di 48
 n4sid temperatura 34 di 48
 n4sid temperatura 35 di 48
 n4sid temperatura 36 di 48
 n4sid temperatura 37 di 48
ite: sens 7 n: 100. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
 n4sid temperatura 38 di 48
ite: sens 7 n: 200. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
 n4sid temperatura 39 di 48
 n4sid temperatura 40 di 48
 n4sid temperatura 41 di 48
 n4sid temperatura 42 di 48
 n4sid temperatura 43 di 48
ite: sens 8 n: 100. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
 n4sid temperatura 44 di 48
```

```
ite: sens 8 n: 200. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
 n4sid temperatura 45 di 48
 n4sid temperatura 46 di 48
 n4sid temperatura 47 di 48
 n4sid temperatura 48 di 48
 ssglar temperatura 1 di 48

sigma =

        1000

Elapsed time is 571.693080 seconds.
 ssglar temperatura 2 di 48

sigma =

      100000

ite: sens 1 n: 1 p 25. Output argument "Model2" (and maybe others) not assigned↙
during call to↙
"/home/riccardo/Dropbox/PSC_AMR/Matlab_Progetto/aaa_Riccardo/RKHS_Pred_LARS_Validatio↙
n_all_k_v2.m>RKHS_Pred_LARS_Validation_all_k_v2".
Elapsed time is 567.550842 seconds.
 ssglar temperatura 3 di 48

sigma =

   1.0000e+10

Elapsed time is 602.725073 seconds.
 ssglar temperatura 4 di 48
ite: sens 1 n: 2 p 25. Matrix dimensions must agree.
Elapsed time is 77.680015 seconds.
 ssglar temperatura 5 di 48

sigma =

       10000

Elapsed time is 400.995443 seconds.
 ssglar temperatura 6 di 48

sigma =

   100

Elapsed time is 220.637406 seconds.
 ssglar temperatura 7 di 48

sigma =

       10000

Elapsed time is 634.544630 seconds.
 ssglar temperatura 8 di 48

sigma =

      100000

ite: sens 2 n: 1 p 25. Output argument "Model2" (and maybe others) not assigned↙
during call to↙
```

```
"/home/riccardo/Dropbox/PSC_AMR/Matlab_Progetto/aaa_Riccardo/RKHS_Pred_LARS_Validatio↙
n_all_k_v2.m>RKHS_Pred_LARS_Validation_all_k_v2".
Elapsed time is 560.020030 seconds.
 ssglar temperatura 9 di 48

sigma =

    10000000

Elapsed time is 802.028606 seconds.
 ssglar temperatura 10 di 48

sigma =

   1.0000e+10

Elapsed time is 345.387045 seconds.
 ssglar temperatura 11 di 48

sigma =

   1.0000e+25

Elapsed time is 853.386985 seconds.
 ssglar temperatura 12 di 48

sigma =

   1.0000e+10

Elapsed time is 751.279500 seconds.
 ssglar temperatura 13 di 48
ite: sens 3 n: 1 p 5. Matrix dimensions must agree.
Elapsed time is 506.896589 seconds.
 ssglar temperatura 14 di 48

sigma =

      100000

ite: sens 3 n: 1 p 25. Output argument "Model2" (and maybe others) not assigned↙
during call to↙
"/home/riccardo/Dropbox/PSC_AMR/Matlab_Progetto/aaa_Riccardo/RKHS_Pred_LARS_Validatio↙
n_all_k_v2.m>RKHS_Pred_LARS_Validation_all_k_v2".
Elapsed time is 563.969636 seconds.
 ssglar temperatura 15 di 48

sigma =

   1.0000e+10

Elapsed time is 616.362040 seconds.
 ssglar temperatura 16 di 48

sigma =

   1.0000e+10

Elapsed time is 609.544267 seconds.
 ssglar temperatura 17 di 48

sigma =
```

```
   1.0000e+25

Elapsed time is 606.580563 seconds.
 ssglar temperatura 18 di 48

sigma =

    10000000

Elapsed time is 704.440875 seconds.
 ssglar temperatura 19 di 48

sigma =

    10000000

Elapsed time is 455.678886 seconds.
 ssglar temperatura 20 di 48

sigma =

      100000

ite: sens 4 n: 1 p 25. Output argument "Model2" (and maybe others) not assigned↙
during call to↙
"/home/riccardo/Dropbox/PSC_AMR/Matlab_Progetto/aaa_Riccardo/RKHS_Pred_LARS_Validatio↙
n_all_k_v2.m>RKHS_Pred_LARS_Validation_all_k_v2".
Elapsed time is 559.409529 seconds.
 ssglar temperatura 21 di 48

sigma =

   1.0000e+50

Elapsed time is 723.033957 seconds.
 ssglar temperatura 22 di 48

sigma =

   1.0000e+50

Elapsed time is 610.110884 seconds.
 ssglar temperatura 23 di 48

sigma =

    10000000

Elapsed time is 524.318093 seconds.
 ssglar temperatura 24 di 48

sigma =

    10000000

Elapsed time is 561.117339 seconds.
 ssglar temperatura 25 di 48

sigma =

    10

Elapsed time is 266.151774 seconds.
```

```
 ssglar temperatura 26 di 48

sigma =

      100000

ite: sens 5 n: 1 p 25. Output argument "Model2" (and maybe others) not assigned↙
during call to↙
"/home/riccardo/Dropbox/PSC_AMR/Matlab_Progetto/aaa_Riccardo/RKHS_Pred_LARS_Validatio↙
n_all_k_v2.m>RKHS_Pred_LARS_Validation_all_k_v2".
Elapsed time is 560.843142 seconds.
 ssglar temperatura 27 di 48

sigma =

    10000000

Elapsed time is 405.862519 seconds.
 ssglar temperatura 28 di 48

sigma =

   50.0000

Elapsed time is 154.087756 seconds.
 ssglar temperatura 29 di 48

sigma =

       10000

Elapsed time is 1077.747173 seconds.
 ssglar temperatura 30 di 48

sigma =

       10000

Elapsed time is 752.487403 seconds.
 ssglar temperatura 31 di 48

sigma =

   1.0000e+10

Elapsed time is 690.210077 seconds.
 ssglar temperatura 32 di 48

sigma =

      100000

ite: sens 6 n: 1 p 25. Output argument "Model2" (and maybe others) not assigned↙
during call to↙
"/home/riccardo/Dropbox/PSC_AMR/Matlab_Progetto/aaa_Riccardo/RKHS_Pred_LARS_Validatio↙
n_all_k_v2.m>RKHS_Pred_LARS_Validation_all_k_v2".
Elapsed time is 559.633352 seconds.
 ssglar temperatura 33 di 48

sigma =

   1.0000e+25
```

```
Elapsed time is 1028.164065 seconds.
 ssglar temperatura 34 di 48

sigma =

   1.0000e+10

Elapsed time is 310.471138 seconds.
 ssglar temperatura 35 di 48

sigma =

    10000000

Elapsed time is 1002.614966 seconds.
 ssglar temperatura 36 di 48

sigma =

    10000000

Elapsed time is 574.050787 seconds.
 ssglar temperatura 37 di 48

sigma =

   1.0000e+25

Elapsed time is 689.633237 seconds.
 ssglar temperatura 38 di 48

sigma =

      100000

ite: sens 7 n: 1 p 25. Output argument "Model2" (and maybe others) not assigned↙
during call to↙
"/home/riccardo/Dropbox/PSC_AMR/Matlab_Progetto/aaa_Riccardo/RKHS_Pred_LARS_Validatio↙
n_all_k_v2.m>RKHS_Pred_LARS_Validation_all_k_v2".
Elapsed time is 557.190676 seconds.
 ssglar temperatura 39 di 48

sigma =

    10

Elapsed time is 136.563992 seconds.
 ssglar temperatura 40 di 48

sigma =

   1.0000e+10

Elapsed time is 699.846483 seconds.
 ssglar temperatura 41 di 48

sigma =

    10000000

Elapsed time is 627.777023 seconds.
 ssglar temperatura 42 di 48
```

```
sigma =

   1.0000e+50

Elapsed time is 325.495387 seconds.
 ssglar temperatura 43 di 48

sigma =

   100

Elapsed time is 638.312413 seconds.
 ssglar temperatura 44 di 48

sigma =

      100000

ite: sens 8 n: 1 p 25. Output argument "Model2" (and maybe others) not assigned↙
during call to↙
"/home/riccardo/Dropbox/PSC_AMR/Matlab_Progetto/aaa_Riccardo/RKHS_Pred_LARS_Validatio↙
n_all_k_v2.m>RKHS_Pred_LARS_Validation_all_k_v2".
Elapsed time is 556.077974 seconds.
 ssglar temperatura 45 di 48

sigma =

    10000000

Elapsed time is 458.505791 seconds.
 ssglar temperatura 46 di 48

sigma =

       10000

Elapsed time is 461.866290 seconds.
 ssglar temperatura 47 di 48
ite: sens 8 n: 3 p 5. Matrix dimensions must agree.
Elapsed time is 134.171042 seconds.
 ssglar temperatura 48 di 48

sigma =

   1.0000e+25

Elapsed time is 525.991438 seconds.
 glar temperatura 1 di 24

ans =

    30

Elapsed time is 128.271035 seconds.
 glar temperatura 2 di 24
ite: sens 1 n: 2. Inner matrix dimensions must agree.
Elapsed time is 16.600055 seconds.
 glar temperatura 3 di 24
ite: sens 1 n: 3. Matrix dimensions must agree.
Elapsed time is 171.424075 seconds.
 glar temperatura 4 di 24

ans =
```

```
    26

Elapsed time is 123.544363 seconds.
 glar temperatura 5 di 24
ite: sens 2 n: 2. Matrix dimensions must agree.
Elapsed time is 74.405596 seconds.
 glar temperatura 6 di 24
ite: sens 2 n: 3. Inner matrix dimensions must agree.
Elapsed time is 83.914351 seconds.
 glar temperatura 7 di 24

ans =

     6

Elapsed time is 117.205252 seconds.
 glar temperatura 8 di 24
ite: sens 3 n: 2. Matrix dimensions must agree.
Elapsed time is 35.171235 seconds.
 glar temperatura 9 di 24
ite: sens 3 n: 3. Matrix dimensions must agree.
Elapsed time is 130.568813 seconds.
 glar temperatura 10 di 24

ans =

    30

Elapsed time is 126.673652 seconds.
 glar temperatura 11 di 24
ite: sens 4 n: 2. Matrix dimensions must agree.
Elapsed time is 31.206125 seconds.
 glar temperatura 12 di 24

ans =

     5

Elapsed time is 190.219422 seconds.
 glar temperatura 13 di 24
ite: sens 5 n: 1. CAT arguments dimensions are not consistent.
Elapsed time is 69.486160 seconds.
 glar temperatura 14 di 24
ite: sens 5 n: 2. Matrix dimensions must agree.
Elapsed time is 52.093877 seconds.
 glar temperatura 15 di 24
ite: sens 5 n: 3. Matrix dimensions must agree.
Elapsed time is 116.151176 seconds.
 glar temperatura 16 di 24

ans =

     9

Elapsed time is 113.791759 seconds.
 glar temperatura 17 di 24
ite: sens 6 n: 2. Matrix dimensions must agree.
Elapsed time is 26.935500 seconds.
 glar temperatura 18 di 24

ans =
```

```
     6

Elapsed time is 187.283566 seconds.
 glar temperatura 19 di 24

ans =

    28

Elapsed time is 122.149502 seconds.
 glar temperatura 20 di 24
ite: sens 7 n: 2. Matrix dimensions must agree.
Elapsed time is 34.238473 seconds.
 glar temperatura 21 di 24
ite: sens 7 n: 3. Matrix dimensions must agree.
Elapsed time is 151.536255 seconds.
 glar temperatura 22 di 24

ans =

     4

Elapsed time is 113.503508 seconds.
 glar temperatura 23 di 24
ite: sens 8 n: 2. Matrix dimensions must agree.
Elapsed time is 29.252447 seconds.
 glar temperatura 24 di 24
ite: sens 8 n: 3. Matrix dimensions must agree.
Elapsed time is 151.003424 seconds.
 pem temperatura 1 di 48
ite: sens 1 n: 1. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
Elapsed time is 4.409592 seconds.
 pem temperatura 2 di 48
ite: sens 1 n: 2. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
Elapsed time is 138.771372 seconds.
 pem temperatura 3 di 48
Elapsed time is 173.788532 seconds.
 pem temperatura 4 di 48
Elapsed time is 357.724422 seconds.
 pem temperatura 5 di 48
Elapsed time is 345.610265 seconds.
 pem temperatura 6 di 48
Elapsed time is 375.146996 seconds.
 pem temperatura 7 di 48
ite: sens 2 n: 1. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
Elapsed time is 5.470560 seconds.
 pem temperatura 8 di 48
ite: sens 2 n: 2. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
Elapsed time is 51.305589 seconds.
 pem temperatura 9 di 48
Elapsed time is 185.576373 seconds.
 pem temperatura 10 di 48
Elapsed time is 244.398750 seconds.
 pem temperatura 11 di 48
Elapsed time is 324.508701 seconds.
 pem temperatura 12 di 48
Elapsed time is 451.452303 seconds.
 pem temperatura 13 di 48
ite: sens 3 n: 1. There are too many parameters to estimate for chosen estimation↙
```

```
data size. Reduce model order or use a larger data set.
Elapsed time is 3.460479 seconds.
 pem temperatura 14 di 48
ite: sens 3 n: 2. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
Elapsed time is 80.273465 seconds.
 pem temperatura 15 di 48
Elapsed time is 206.144831 seconds.
 pem temperatura 16 di 48
Elapsed time is 267.036809 seconds.
 pem temperatura 17 di 48
Elapsed time is 267.739146 seconds.
 pem temperatura 18 di 48
Elapsed time is 333.247703 seconds.
 pem temperatura 19 di 48
ite: sens 4 n: 1. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
Elapsed time is 4.145909 seconds.
 pem temperatura 20 di 48
ite: sens 4 n: 2. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
Elapsed time is 92.939621 seconds.
 pem temperatura 21 di 48
Elapsed time is 213.261473 seconds.
 pem temperatura 22 di 48
Elapsed time is 281.180574 seconds.
 pem temperatura 23 di 48
Elapsed time is 300.645738 seconds.
 pem temperatura 24 di 48
Elapsed time is 417.072011 seconds.
 pem temperatura 25 di 48
ite: sens 5 n: 1. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
Elapsed time is 3.847736 seconds.
 pem temperatura 26 di 48
ite: sens 5 n: 2. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
Elapsed time is 90.792549 seconds.
 pem temperatura 27 di 48
Elapsed time is 202.488098 seconds.
 pem temperatura 28 di 48
Elapsed time is 275.121738 seconds.
 pem temperatura 29 di 48
Elapsed time is 259.400181 seconds.
 pem temperatura 30 di 48
Elapsed time is 363.459631 seconds.
 pem temperatura 31 di 48
ite: sens 6 n: 1. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
Elapsed time is 3.576576 seconds.
 pem temperatura 32 di 48
ite: sens 6 n: 2. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
Elapsed time is 102.518801 seconds.
 pem temperatura 33 di 48
Elapsed time is 188.335148 seconds.
 pem temperatura 34 di 48
Elapsed time is 234.510972 seconds.
 pem temperatura 35 di 48
Elapsed time is 255.701863 seconds.
 pem temperatura 36 di 48
Elapsed time is 335.423294 seconds.
 pem temperatura 37 di 48
```

```
ite: sens 7 n: 1. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
Elapsed time is 5.267787 seconds.
 pem temperatura 38 di 48
ite: sens 7 n: 2. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
Elapsed time is 74.912149 seconds.
 pem temperatura 39 di 48
Elapsed time is 242.265740 seconds.
 pem temperatura 40 di 48
Elapsed time is 295.606889 seconds.
 pem temperatura 41 di 48
Elapsed time is 247.437200 seconds.
 pem temperatura 42 di 48
Elapsed time is 375.284201 seconds.
 pem temperatura 43 di 48
ite: sens 8 n: 1. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
Elapsed time is 5.937686 seconds.
 pem temperatura 44 di 48
ite: sens 8 n: 2. There are too many parameters to estimate for chosen estimation↙
data size. Reduce model order or use a larger data set.
Elapsed time is 85.933501 seconds.
 pem temperatura 45 di 48
Elapsed time is 242.711971 seconds.
 pem temperatura 46 di 48
Elapsed time is 248.026461 seconds.
 pem temperatura 47 di 48
Elapsed time is 241.087636 seconds.
 pem temperatura 48 di 48
Elapsed time is 314.013536 seconds.
>>
```