```
-0.201 (+/-0.441) for {'C': 4.001, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.201 (+/-0.441) for {'C': 4.001, 'gamma': 0.401, 'kernel': 'rbf'}
-0.201 (+/-0.441) for {'C': 4.001, 'gamma': 0.501, 'kernel': 'rbf'}
-0.201 (+/-0.441) for {'C': 4.001, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.201 (+/-0.441) for {'C': 4.001, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.201 (+/-0.441) for {'C': 4.001, 'gamma': 0.801, 'kernel': 'rbf'}
-0.201 (+/-0.441) for {'C': 4.001, 'gamma': 0.901, 'kernel': 'rbf'}
-0.201 (+/-0.441) for {'C': 4.501, 'gamma': 0.001, 'kernel': 'rbf'}
-0.201 (+/-0.441) for {'C': 4.501, 'gamma': 0.101, 'kernel': 'rbf'}
-0.201 (+/-0.441) for {'C': 4.501, 'gamma': 0.201, 'kernel': 'rbf'}
-0.201 (+/-0.441) for {'C': 4.501, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.201 (+/-0.441) for {'C': 4.501, 'gamma': 0.401, 'kernel': 'rbf'}
-0.201 (+/-0.441) for {'C': 4.501, 'gamma': 0.501, 'kernel': 'rbf'}
-0.201 (+/-0.441) for {'C': 4.501, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.201 (+/-0.441) for {'C': 4.501, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.201 (+/-0.441) for {'C': 4.501, 'gamma': 0.801, 'kernel': 'rbf'}
-0.201 (+/-0.441) for {'C': 4.501, 'gamma': 0.901, 'kernel': 'rbf'}

tempo decorrido:29.383620738983154
Lag 9
Rodando Modelo
Fitting 20 folds for each of 100 candidates, totalling 2000 fits
[Parallel(n_jobs=-1)]: Using backend LokyBackend with 8 concurrent workers.
[Parallel(n_jobs=-1)]: Done  56 tasks      | elapsed:    0.1s
[Parallel(n_jobs=-1)]: Done 1920 tasks      | elapsed:    2.9s
[Parallel(n_jobs=-1)]: Done 2000 out of 2000 | elapsed:    3.0s finished
Criando Previsões
Calculando Pearson
r2:(0.1060209018351519, 0.365305681501101)
Support vector ratio: 0.111
Best parameters set found on development set:

{'C': 0.001, 'gamma': 0.001, 'kernel': 'rbf'}

Grid scores on development set:

-0.216 (+/-0.379) for {'C': 0.001, 'gamma': 0.001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 0.001, 'gamma': 0.101, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 0.001, 'gamma': 0.201, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 0.001, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 0.001, 'gamma': 0.401, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 0.001, 'gamma': 0.501, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 0.001, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 0.001, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 0.001, 'gamma': 0.801, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 0.001, 'gamma': 0.901, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 0.501, 'gamma': 0.001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 0.501, 'gamma': 0.101, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 0.501, 'gamma': 0.201, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 0.501, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 0.501, 'gamma': 0.401, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 0.501, 'gamma': 0.501, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 0.501, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 0.501, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 0.501, 'gamma': 0.801, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 0.501, 'gamma': 0.901, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 1.001, 'gamma': 0.001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 1.001, 'gamma': 0.101, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 1.001, 'gamma': 0.201, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 1.001, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 1.001, 'gamma': 0.401, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 1.001, 'gamma': 0.501, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 1.001, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
```

```
-0.216 (+/-0.379) for {'C': 1.001, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 1.001, 'gamma': 0.801, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 1.001, 'gamma': 0.901, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 1.501, 'gamma': 0.001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 1.501, 'gamma': 0.101, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 1.501, 'gamma': 0.201, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 1.501, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 1.501, 'gamma': 0.401, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 1.501, 'gamma': 0.501, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 1.501, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 1.501, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 1.501, 'gamma': 0.801, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 1.501, 'gamma': 0.901, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 2.001, 'gamma': 0.001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 2.001, 'gamma': 0.101, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 2.001, 'gamma': 0.201, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 2.001, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 2.001, 'gamma': 0.401, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 2.001, 'gamma': 0.501, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 2.001, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 2.001, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 2.001, 'gamma': 0.801, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 2.001, 'gamma': 0.901, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 2.501, 'gamma': 0.001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 2.501, 'gamma': 0.101, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 2.501, 'gamma': 0.201, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 2.501, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 2.501, 'gamma': 0.401, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 2.501, 'gamma': 0.501, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 2.501, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 2.501, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 2.501, 'gamma': 0.801, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 2.501, 'gamma': 0.901, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 3.001, 'gamma': 0.001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 3.001, 'gamma': 0.101, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 3.001, 'gamma': 0.201, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 3.001, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 3.001, 'gamma': 0.401, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 3.001, 'gamma': 0.501, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 3.001, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 3.001, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 3.001, 'gamma': 0.801, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 3.001, 'gamma': 0.901, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 3.501, 'gamma': 0.001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 3.501, 'gamma': 0.101, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 3.501, 'gamma': 0.201, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 3.501, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 3.501, 'gamma': 0.401, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 3.501, 'gamma': 0.501, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 3.501, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 3.501, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 3.501, 'gamma': 0.801, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 3.501, 'gamma': 0.901, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 4.001, 'gamma': 0.001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 4.001, 'gamma': 0.101, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 4.001, 'gamma': 0.201, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 4.001, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 4.001, 'gamma': 0.401, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 4.001, 'gamma': 0.501, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 4.001, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 4.001, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 4.001, 'gamma': 0.801, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 4.001, 'gamma': 0.901, 'kernel': 'rbf'}
```

```
-0.216 (+/-0.379) for {'C': 4.501, 'gamma': 0.001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 4.501, 'gamma': 0.101, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 4.501, 'gamma': 0.201, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 4.501, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 4.501, 'gamma': 0.401, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 4.501, 'gamma': 0.501, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 4.501, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 4.501, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 4.501, 'gamma': 0.801, 'kernel': 'rbf'}
-0.216 (+/-0.379) for {'C': 4.501, 'gamma': 0.901, 'kernel': 'rbf'}

tempo decorrido:32.76657819747925
Lag 10
Rodando Modelo
Fitting 20 folds for each of 100 candidates, totalling 2000 fits
[Parallel(n_jobs=-1)]: Using backend LokyBackend with 8 concurrent workers.
[Parallel(n_jobs=-1)]: Done  56 tasks      | elapsed:    0.1s
[Parallel(n_jobs=-1)]: Done 1920 tasks      | elapsed:    2.9s
[Parallel(n_jobs=-1)]: Done 2000 out of 2000 | elapsed:    3.1s finished
Criando Previsões
Calculando Pearson
r2:(-0.016207706358686798, 0.8909839382453678)
Support vector ratio: 0.100
Best parameters set found on development set:

{'C': 4.001, 'gamma': 0.001, 'kernel': 'rbf'}

Grid scores on development set:

-0.231 (+/-0.372) for {'C': 0.001, 'gamma': 0.001, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 0.001, 'gamma': 0.101, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 0.001, 'gamma': 0.201, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 0.001, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 0.001, 'gamma': 0.401, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 0.001, 'gamma': 0.501, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 0.001, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 0.001, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 0.001, 'gamma': 0.801, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 0.001, 'gamma': 0.901, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 0.501, 'gamma': 0.001, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 0.501, 'gamma': 0.101, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 0.501, 'gamma': 0.201, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 0.501, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 0.501, 'gamma': 0.401, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 0.501, 'gamma': 0.501, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 0.501, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 0.501, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 0.501, 'gamma': 0.801, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 0.501, 'gamma': 0.901, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 1.001, 'gamma': 0.001, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 1.001, 'gamma': 0.101, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 1.001, 'gamma': 0.201, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 1.001, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 1.001, 'gamma': 0.401, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 1.001, 'gamma': 0.501, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 1.001, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 1.001, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 1.001, 'gamma': 0.801, 'kernel': 'rbf'}
-0.231 (+/-0.372) for {'C': 1.001, 'gamma': 0.901, 'kernel': 'rbf'}
-0.231 (+/-0.371) for {'C': 1.501, 'gamma': 0.001, 'kernel': 'rbf'}
-0.231 (+/-0.371) for {'C': 1.501, 'gamma': 0.101, 'kernel': 'rbf'}
-0.231 (+/-0.371) for {'C': 1.501, 'gamma': 0.201, 'kernel': 'rbf'}
-0.231 (+/-0.371) for {'C': 1.501, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
```

```
-0.231 (+/-0.371) for {'C': 1.501, 'gamma': 0.401, 'kernel': 'rbf'}
-0.231 (+/-0.371) for {'C': 1.501, 'gamma': 0.501, 'kernel': 'rbf'}
-0.231 (+/-0.371) for {'C': 1.501, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.231 (+/-0.371) for {'C': 1.501, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.231 (+/-0.371) for {'C': 1.501, 'gamma': 0.801, 'kernel': 'rbf'}
-0.231 (+/-0.371) for {'C': 1.501, 'gamma': 0.901, 'kernel': 'rbf'}
-0.231 (+/-0.371) for {'C': 2.001, 'gamma': 0.001, 'kernel': 'rbf'}
-0.231 (+/-0.371) for {'C': 2.001, 'gamma': 0.101, 'kernel': 'rbf'}
-0.231 (+/-0.371) for {'C': 2.001, 'gamma': 0.201, 'kernel': 'rbf'}
-0.231 (+/-0.371) for {'C': 2.001, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.231 (+/-0.371) for {'C': 2.001, 'gamma': 0.401, 'kernel': 'rbf'}
-0.231 (+/-0.371) for {'C': 2.001, 'gamma': 0.501, 'kernel': 'rbf'}
-0.231 (+/-0.371) for {'C': 2.001, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.231 (+/-0.371) for {'C': 2.001, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.231 (+/-0.371) for {'C': 2.001, 'gamma': 0.801, 'kernel': 'rbf'}
-0.231 (+/-0.371) for {'C': 2.001, 'gamma': 0.901, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 2.501, 'gamma': 0.001, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 2.501, 'gamma': 0.101, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 2.501, 'gamma': 0.201, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 2.501, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 2.501, 'gamma': 0.401, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 2.501, 'gamma': 0.501, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 2.501, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 2.501, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 2.501, 'gamma': 0.801, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 2.501, 'gamma': 0.901, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 3.001, 'gamma': 0.001, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 3.001, 'gamma': 0.101, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 3.001, 'gamma': 0.201, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 3.001, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 3.001, 'gamma': 0.401, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 3.001, 'gamma': 0.501, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 3.001, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 3.001, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 3.001, 'gamma': 0.801, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 3.001, 'gamma': 0.901, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 3.501, 'gamma': 0.001, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 3.501, 'gamma': 0.101, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 3.501, 'gamma': 0.201, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 3.501, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 3.501, 'gamma': 0.401, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 3.501, 'gamma': 0.501, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 3.501, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 3.501, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 3.501, 'gamma': 0.801, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 3.501, 'gamma': 0.901, 'kernel': 'rbf'}
-0.230 (+/-0.370) for {'C': 4.001, 'gamma': 0.001, 'kernel': 'rbf'}
-0.230 (+/-0.370) for {'C': 4.001, 'gamma': 0.101, 'kernel': 'rbf'}
-0.230 (+/-0.370) for {'C': 4.001, 'gamma': 0.201, 'kernel': 'rbf'}
-0.230 (+/-0.370) for {'C': 4.001, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.230 (+/-0.370) for {'C': 4.001, 'gamma': 0.401, 'kernel': 'rbf'}
-0.230 (+/-0.370) for {'C': 4.001, 'gamma': 0.501, 'kernel': 'rbf'}
-0.230 (+/-0.370) for {'C': 4.001, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.230 (+/-0.370) for {'C': 4.001, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.230 (+/-0.370) for {'C': 4.001, 'gamma': 0.801, 'kernel': 'rbf'}
-0.230 (+/-0.370) for {'C': 4.001, 'gamma': 0.901, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 4.501, 'gamma': 0.001, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 4.501, 'gamma': 0.101, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 4.501, 'gamma': 0.201, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 4.501, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 4.501, 'gamma': 0.401, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 4.501, 'gamma': 0.501, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 4.501, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
```

```
-0.230 (+/-0.371) for {'C': 4.501, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 4.501, 'gamma': 0.801, 'kernel': 'rbf'}
-0.230 (+/-0.371) for {'C': 4.501, 'gamma': 0.901, 'kernel': 'rbf'}

tempo decorrido:36.18743395805359
Lag 11
Rodando Modelo
Fitting 20 folds for each of 100 candidates, totalling 2000 fits
[Parallel(n_jobs=-1)]: Using backend LokyBackend with 8 concurrent workers.
[Parallel(n_jobs=-1)]: Done  56 tasks      | elapsed:    0.1s
[Parallel(n_jobs=-1)]: Done 1920 tasks      | elapsed:    3.0s
[Parallel(n_jobs=-1)]: Done 2000 out of 2000 | elapsed:    3.1s finished
Criando Previsões
Calculando Pearson
r2:(0.03753052207178267, 0.7525813620356572)
Support vector ratio: 0.091
Best parameters set found on development set:

{'C': 4.001, 'gamma': 0.001, 'kernel': 'rbf'}

Grid scores on development set:

-0.239 (+/-0.392) for {'C': 0.001, 'gamma': 0.001, 'kernel': 'rbf'}
-0.239 (+/-0.392) for {'C': 0.001, 'gamma': 0.101, 'kernel': 'rbf'}
-0.239 (+/-0.392) for {'C': 0.001, 'gamma': 0.201, 'kernel': 'rbf'}
-0.239 (+/-0.392) for {'C': 0.001, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.239 (+/-0.392) for {'C': 0.001, 'gamma': 0.401, 'kernel': 'rbf'}
-0.239 (+/-0.392) for {'C': 0.001, 'gamma': 0.501, 'kernel': 'rbf'}
-0.239 (+/-0.392) for {'C': 0.001, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.239 (+/-0.392) for {'C': 0.001, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.239 (+/-0.392) for {'C': 0.001, 'gamma': 0.801, 'kernel': 'rbf'}
-0.239 (+/-0.392) for {'C': 0.001, 'gamma': 0.901, 'kernel': 'rbf'}
-0.239 (+/-0.392) for {'C': 0.501, 'gamma': 0.001, 'kernel': 'rbf'}
-0.239 (+/-0.392) for {'C': 0.501, 'gamma': 0.101, 'kernel': 'rbf'}
-0.239 (+/-0.392) for {'C': 0.501, 'gamma': 0.201, 'kernel': 'rbf'}
-0.239 (+/-0.392) for {'C': 0.501, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.239 (+/-0.392) for {'C': 0.501, 'gamma': 0.401, 'kernel': 'rbf'}
-0.239 (+/-0.392) for {'C': 0.501, 'gamma': 0.501, 'kernel': 'rbf'}
-0.239 (+/-0.392) for {'C': 0.501, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.239 (+/-0.392) for {'C': 0.501, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.239 (+/-0.392) for {'C': 0.501, 'gamma': 0.801, 'kernel': 'rbf'}
-0.239 (+/-0.392) for {'C': 0.501, 'gamma': 0.901, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 1.001, 'gamma': 0.001, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 1.001, 'gamma': 0.101, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 1.001, 'gamma': 0.201, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 1.001, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 1.001, 'gamma': 0.401, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 1.001, 'gamma': 0.501, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 1.001, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 1.001, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 1.001, 'gamma': 0.801, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 1.001, 'gamma': 0.901, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 1.501, 'gamma': 0.001, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 1.501, 'gamma': 0.101, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 1.501, 'gamma': 0.201, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 1.501, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 1.501, 'gamma': 0.401, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 1.501, 'gamma': 0.501, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 1.501, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 1.501, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 1.501, 'gamma': 0.801, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 1.501, 'gamma': 0.901, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 2.001, 'gamma': 0.001, 'kernel': 'rbf'}
```

```
-0.238 (+/-0.391) for {'C': 2.001, 'gamma': 0.101, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 2.001, 'gamma': 0.201, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 2.001, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 2.001, 'gamma': 0.401, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 2.001, 'gamma': 0.501, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 2.001, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 2.001, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 2.001, 'gamma': 0.801, 'kernel': 'rbf'}
-0.238 (+/-0.391) for {'C': 2.001, 'gamma': 0.901, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 2.501, 'gamma': 0.001, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 2.501, 'gamma': 0.101, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 2.501, 'gamma': 0.201, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 2.501, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 2.501, 'gamma': 0.401, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 2.501, 'gamma': 0.501, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 2.501, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 2.501, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 2.501, 'gamma': 0.801, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 2.501, 'gamma': 0.901, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 3.001, 'gamma': 0.001, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 3.001, 'gamma': 0.101, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 3.001, 'gamma': 0.201, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 3.001, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 3.001, 'gamma': 0.401, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 3.001, 'gamma': 0.501, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 3.001, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 3.001, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 3.001, 'gamma': 0.801, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 3.001, 'gamma': 0.901, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 3.501, 'gamma': 0.001, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 3.501, 'gamma': 0.101, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 3.501, 'gamma': 0.201, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 3.501, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 3.501, 'gamma': 0.401, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 3.501, 'gamma': 0.501, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 3.501, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 3.501, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 3.501, 'gamma': 0.801, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 3.501, 'gamma': 0.901, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 4.001, 'gamma': 0.001, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 4.001, 'gamma': 0.101, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 4.001, 'gamma': 0.201, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 4.001, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 4.001, 'gamma': 0.401, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 4.001, 'gamma': 0.501, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 4.001, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 4.001, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 4.001, 'gamma': 0.801, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 4.001, 'gamma': 0.901, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 4.501, 'gamma': 0.001, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 4.501, 'gamma': 0.101, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 4.501, 'gamma': 0.201, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 4.501, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 4.501, 'gamma': 0.401, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 4.501, 'gamma': 0.501, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 4.501, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 4.501, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 4.501, 'gamma': 0.801, 'kernel': 'rbf'}
-0.238 (+/-0.390) for {'C': 4.501, 'gamma': 0.901, 'kernel': 'rbf'}

tempo decorrido:39.633448362350464
Lag 12
Rodando Modelo
```

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Fitting 20 folds for each of 100 candidates, totalling 2000 fits
[Parallel(n_jobs=-1)]: Using backend LokyBackend with 8 concurrent workers.
[Parallel(n_jobs=-1)]: Done  56 tasks      | elapsed:    0.1s
Criando Previsões
Calculando Pearson
r2:(nan, nan)
Support vector ratio: 0.083
Best parameters set found on development set:

{'C': 0.001, 'gamma': 0.001, 'kernel': 'rbf'}

Grid scores on development set:

-0.238 (+/-0.426) for {'C': 0.001, 'gamma': 0.001, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 0.001, 'gamma': 0.101, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 0.001, 'gamma': 0.201, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 0.001, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 0.001, 'gamma': 0.401, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 0.001, 'gamma': 0.501, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 0.001, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 0.001, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 0.001, 'gamma': 0.801, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 0.001, 'gamma': 0.901, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 0.501, 'gamma': 0.001, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 0.501, 'gamma': 0.101, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 0.501, 'gamma': 0.201, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 0.501, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 0.501, 'gamma': 0.401, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 0.501, 'gamma': 0.501, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 0.501, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 0.501, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 0.501, 'gamma': 0.801, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 0.501, 'gamma': 0.901, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 1.001, 'gamma': 0.001, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 1.001, 'gamma': 0.101, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 1.001, 'gamma': 0.201, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 1.001, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 1.001, 'gamma': 0.401, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 1.001, 'gamma': 0.501, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 1.001, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 1.001, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 1.001, 'gamma': 0.801, 'kernel': 'rbf'}
-0.238 (+/-0.426) for {'C': 1.001, 'gamma': 0.901, 'kernel': 'rbf'}
-0.238 (+/-0.427) for {'C': 1.501, 'gamma': 0.001, 'kernel': 'rbf'}
-0.238 (+/-0.427) for {'C': 1.501, 'gamma': 0.101, 'kernel': 'rbf'}
-0.238 (+/-0.427) for {'C': 1.501, 'gamma': 0.201, 'kernel': 'rbf'}
-0.238 (+/-0.427) for {'C': 1.501, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.238 (+/-0.427) for {'C': 1.501, 'gamma': 0.401, 'kernel': 'rbf'}
-0.238 (+/-0.427) for {'C': 1.501, 'gamma': 0.501, 'kernel': 'rbf'}
-0.238 (+/-0.427) for {'C': 1.501, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.238 (+/-0.427) for {'C': 1.501, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.238 (+/-0.427) for {'C': 1.501, 'gamma': 0.801, 'kernel': 'rbf'}
-0.238 (+/-0.427) for {'C': 1.501, 'gamma': 0.901, 'kernel': 'rbf'}
-0.239 (+/-0.427) for {'C': 2.001, 'gamma': 0.001, 'kernel': 'rbf'}
-0.239 (+/-0.427) for {'C': 2.001, 'gamma': 0.101, 'kernel': 'rbf'}
-0.239 (+/-0.427) for {'C': 2.001, 'gamma': 0.201, 'kernel': 'rbf'}
-0.239 (+/-0.427) for {'C': 2.001, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.239 (+/-0.427) for {'C': 2.001, 'gamma': 0.401, 'kernel': 'rbf'}
-0.239 (+/-0.427) for {'C': 2.001, 'gamma': 0.501, 'kernel': 'rbf'}
-0.239 (+/-0.427) for {'C': 2.001, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.239 (+/-0.427) for {'C': 2.001, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.239 (+/-0.427) for {'C': 2.001, 'gamma': 0.801, 'kernel': 'rbf'}
-0.239 (+/-0.427) for {'C': 2.001, 'gamma': 0.901, 'kernel': 'rbf'}
```

```
-0.239 (+/-0.428) for {'C': 2.501, 'gamma': 0.001, 'kernel': 'rbf'}
-0.239 (+/-0.428) for {'C': 2.501, 'gamma': 0.101, 'kernel': 'rbf'}
-0.239 (+/-0.428) for {'C': 2.501, 'gamma': 0.201, 'kernel': 'rbf'}
-0.239 (+/-0.428) for {'C': 2.501, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.239 (+/-0.428) for {'C': 2.501, 'gamma': 0.401, 'kernel': 'rbf'}
-0.239 (+/-0.428) for {'C': 2.501, 'gamma': 0.501, 'kernel': 'rbf'}
-0.239 (+/-0.428) for {'C': 2.501, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.239 (+/-0.428) for {'C': 2.501, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.239 (+/-0.428) for {'C': 2.501, 'gamma': 0.801, 'kernel': 'rbf'}
-0.239 (+/-0.428) for {'C': 2.501, 'gamma': 0.901, 'kernel': 'rbf'}
-0.239 (+/-0.428) for {'C': 3.001, 'gamma': 0.001, 'kernel': 'rbf'}
-0.239 (+/-0.428) for {'C': 3.001, 'gamma': 0.101, 'kernel': 'rbf'}
-0.239 (+/-0.428) for {'C': 3.001, 'gamma': 0.201, 'kernel': 'rbf'}
-0.239 (+/-0.428) for {'C': 3.001, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.239 (+/-0.428) for {'C': 3.001, 'gamma': 0.401, 'kernel': 'rbf'}
-0.239 (+/-0.428) for {'C': 3.001, 'gamma': 0.501, 'kernel': 'rbf'}
-0.239 (+/-0.428) for {'C': 3.001, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.239 (+/-0.428) for {'C': 3.001, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.239 (+/-0.428) for {'C': 3.001, 'gamma': 0.801, 'kernel': 'rbf'}
-0.239 (+/-0.428) for {'C': 3.001, 'gamma': 0.901, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 3.501, 'gamma': 0.001, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 3.501, 'gamma': 0.101, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 3.501, 'gamma': 0.201, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 3.501, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 3.501, 'gamma': 0.401, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 3.501, 'gamma': 0.501, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 3.501, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 3.501, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 3.501, 'gamma': 0.801, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 3.501, 'gamma': 0.901, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 4.001, 'gamma': 0.001, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 4.001, 'gamma': 0.101, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 4.001, 'gamma': 0.201, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 4.001, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 4.001, 'gamma': 0.401, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 4.001, 'gamma': 0.501, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 4.001, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 4.001, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 4.001, 'gamma': 0.801, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 4.001, 'gamma': 0.901, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 4.501, 'gamma': 0.001, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 4.501, 'gamma': 0.101, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 4.501, 'gamma': 0.201, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 4.501, 'gamma': 0.30100000000000005, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 4.501, 'gamma': 0.401, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 4.501, 'gamma': 0.501, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 4.501, 'gamma': 0.6010000000000001, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 4.501, 'gamma': 0.7010000000000001, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 4.501, 'gamma': 0.801, 'kernel': 'rbf'}
-0.239 (+/-0.429) for {'C': 4.501, 'gamma': 0.901, 'kernel': 'rbf'}

tempo decorrido:43.091238260269165
tempo decorrido total:43.091238260269165
[Parallel(n_jobs=-1)]: Done 1920 tasks      | elapsed:    3.0s
[Parallel(n_jobs=-1)]: Done 2000 out of 2000 | elapsed:    3.1s finished
C:\Users\pamsb\Anaconda3\lib\site-packages\scipy\stats\stats.py:3508:
PearsonRConstantInputWarning: An input array is constant; the correlation coefficent is
not defined.
  warnings.warn(PearsonRConstantInputWarning())
```

```
In [31]:
```