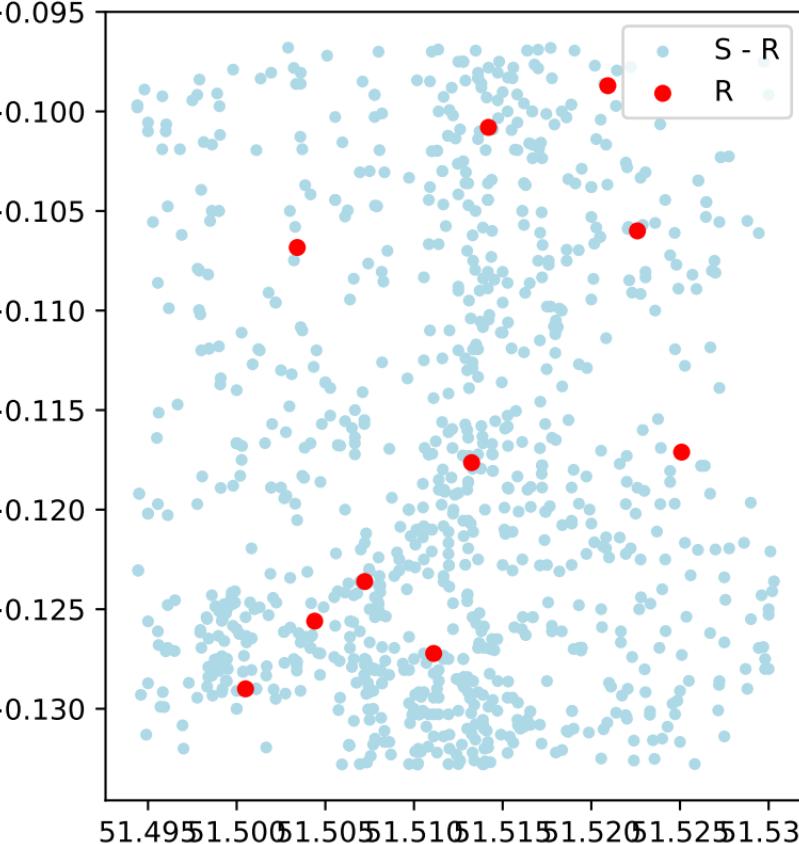
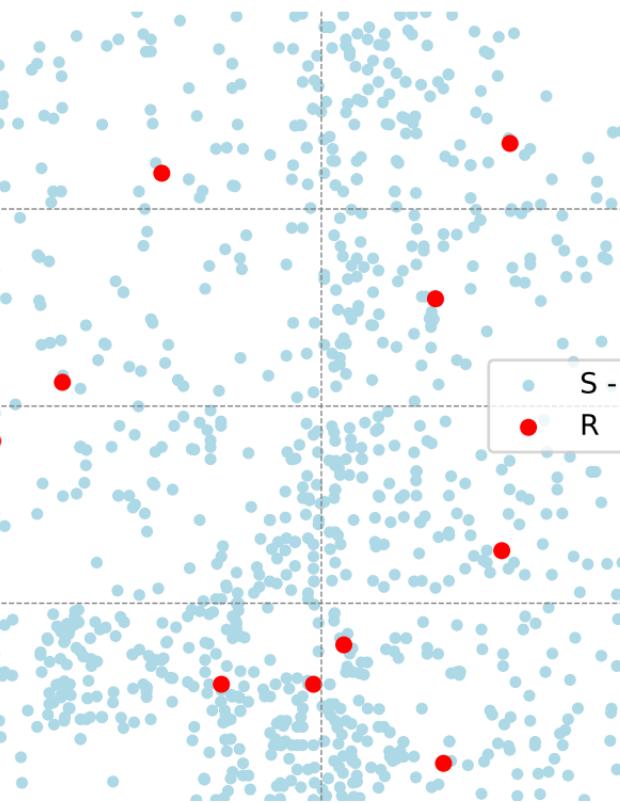
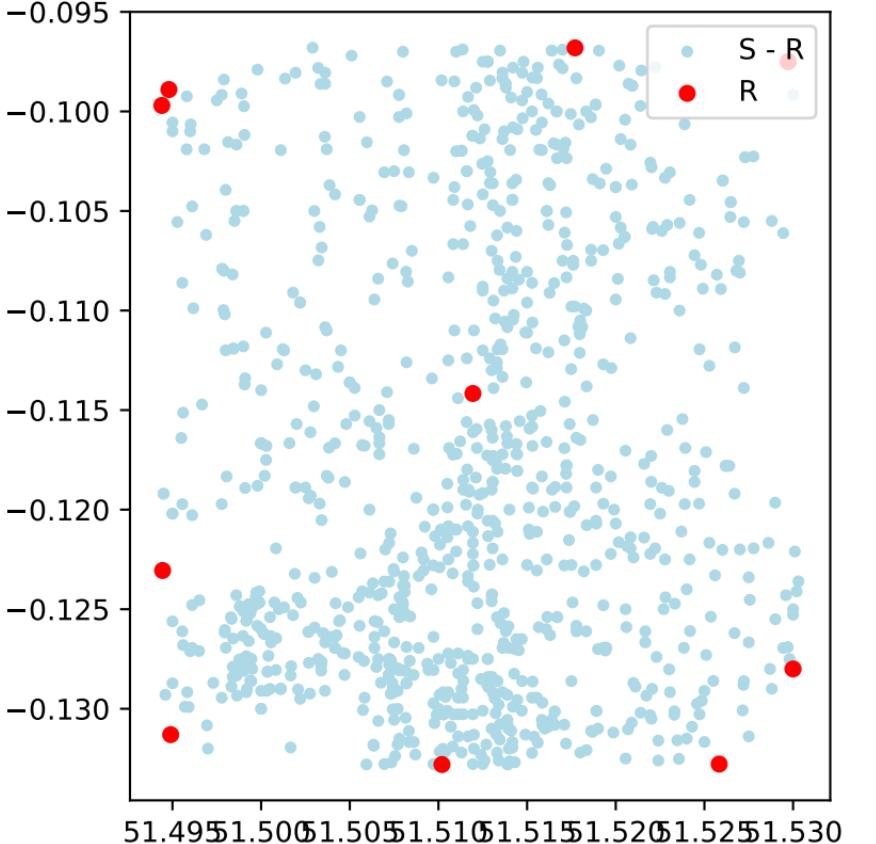


Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=10 | G=8 (2x4)

Base Fadu No R
Score: 1621.4304

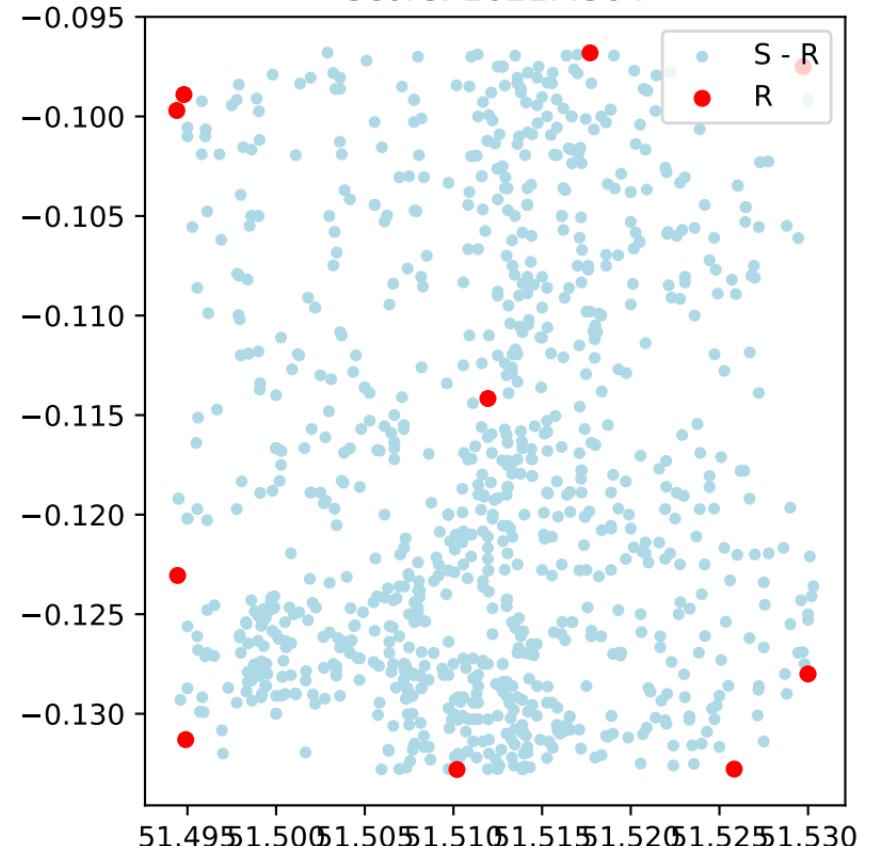
Grid Sampling
Score: 837.1312

Sampling
Score: 825.7985

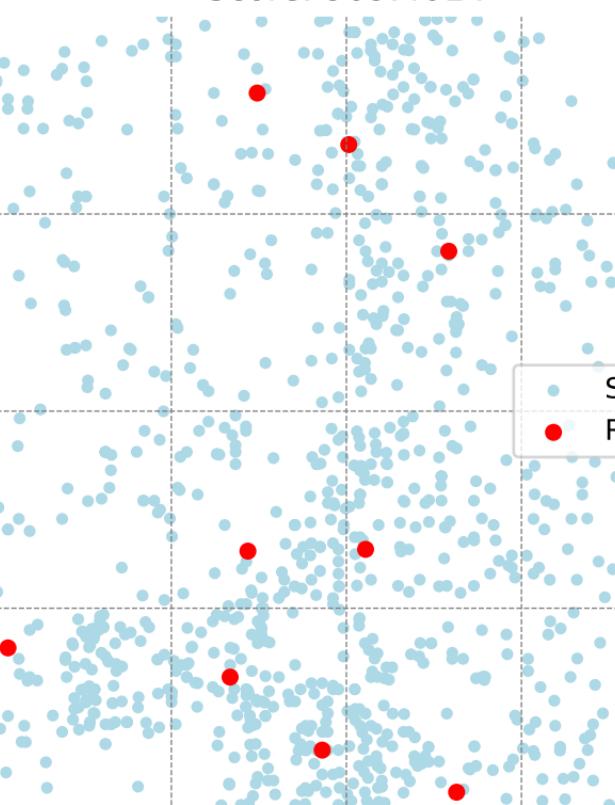


Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=10 | G=16 (4x4)

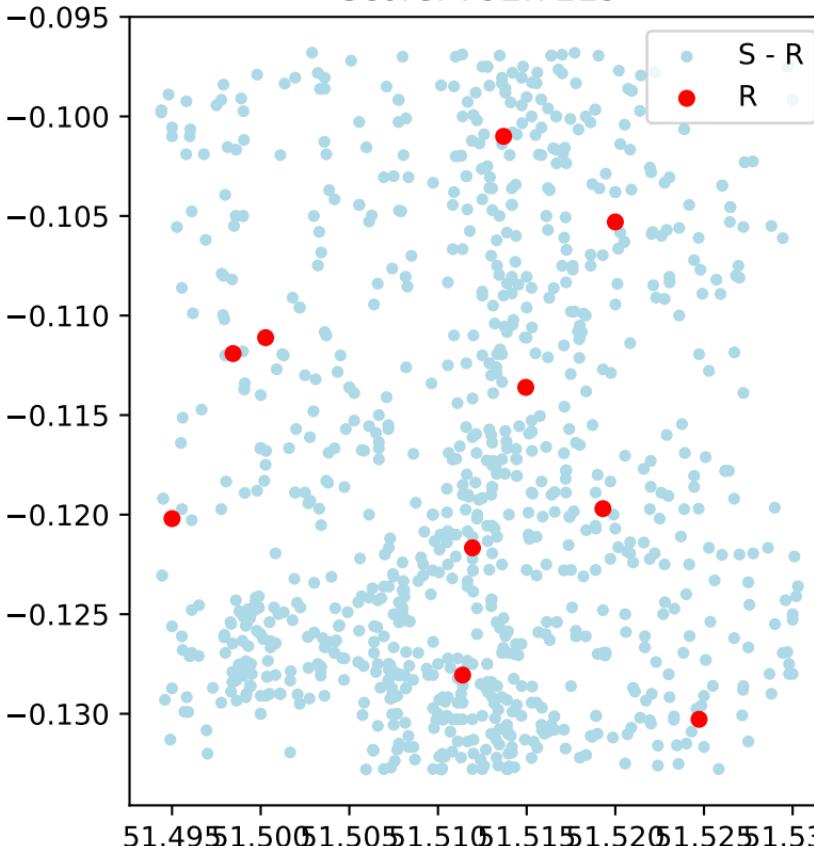
Baseline No R
Score: 1621.4304



Grid Sampling
Score: 909.4014



Sampling
Score: 792.7219



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=10 | G=25 (5x5)

Baseline
No R

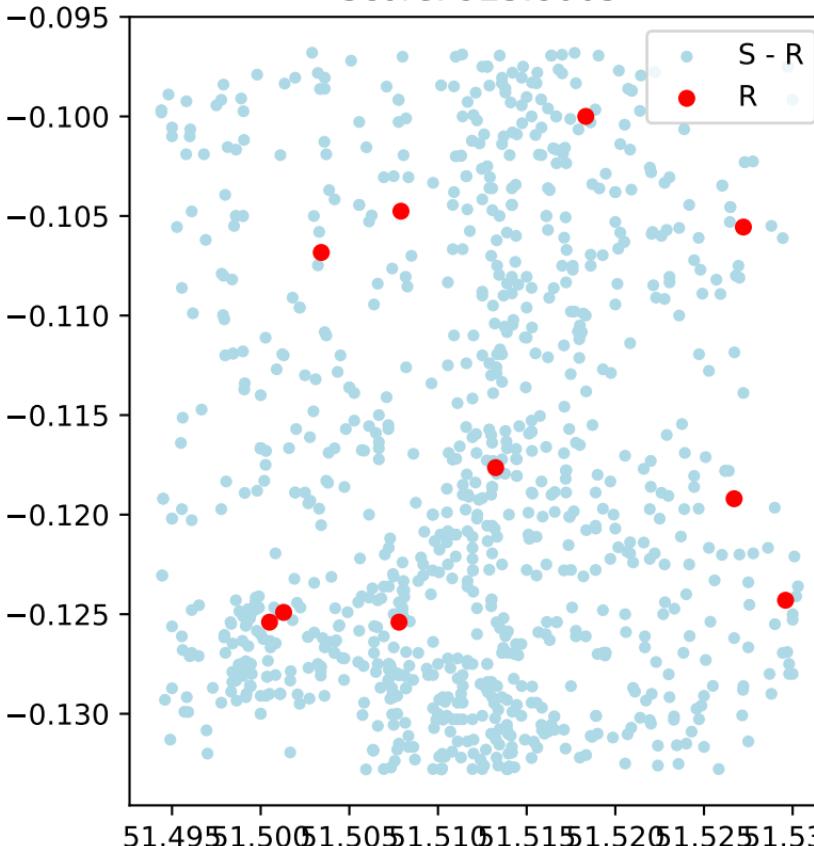
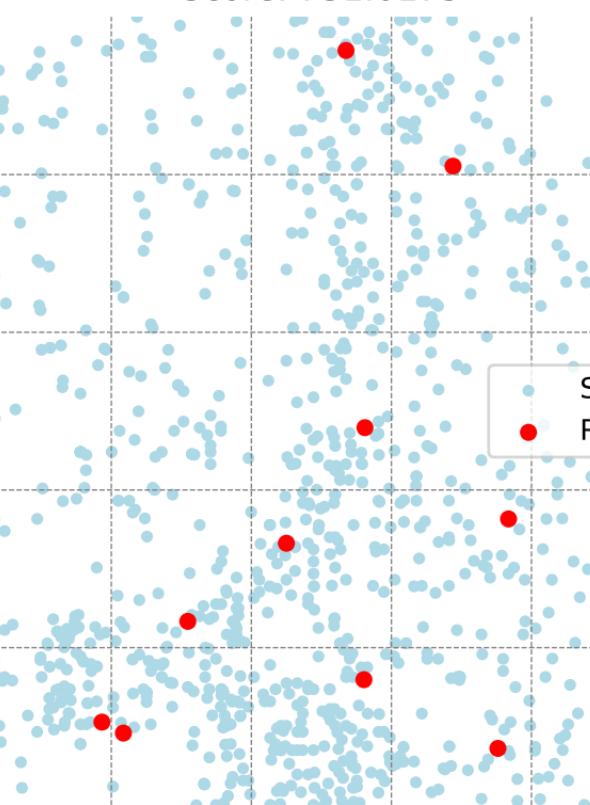
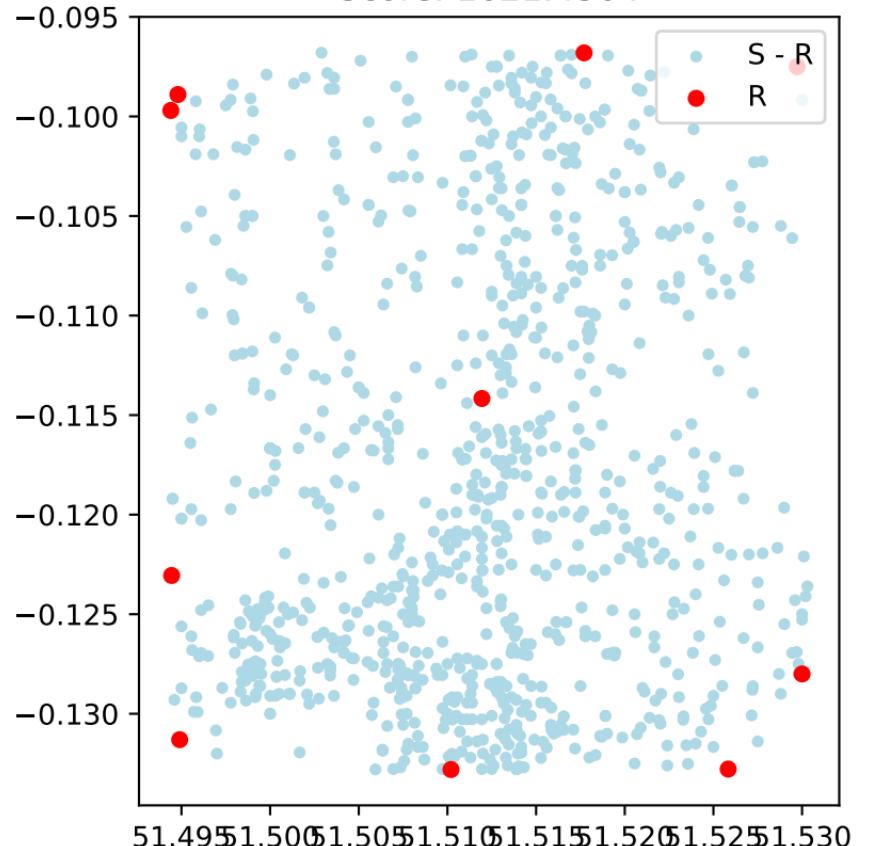
Score: 1621.4304

Grid Sampling

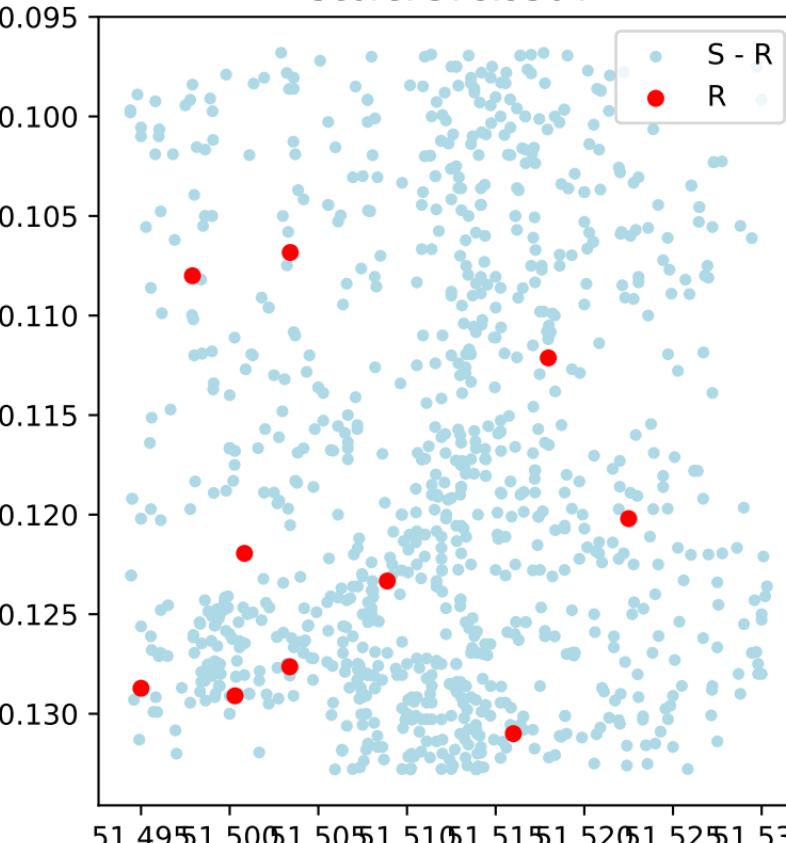
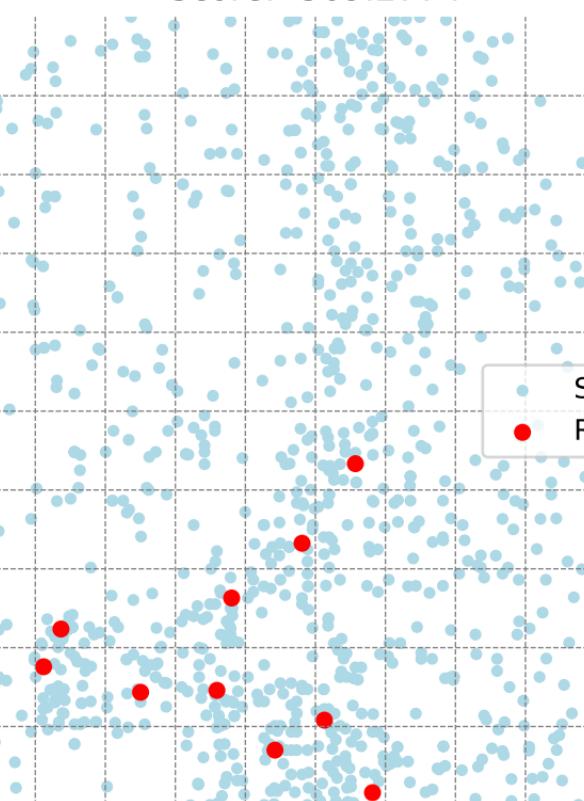
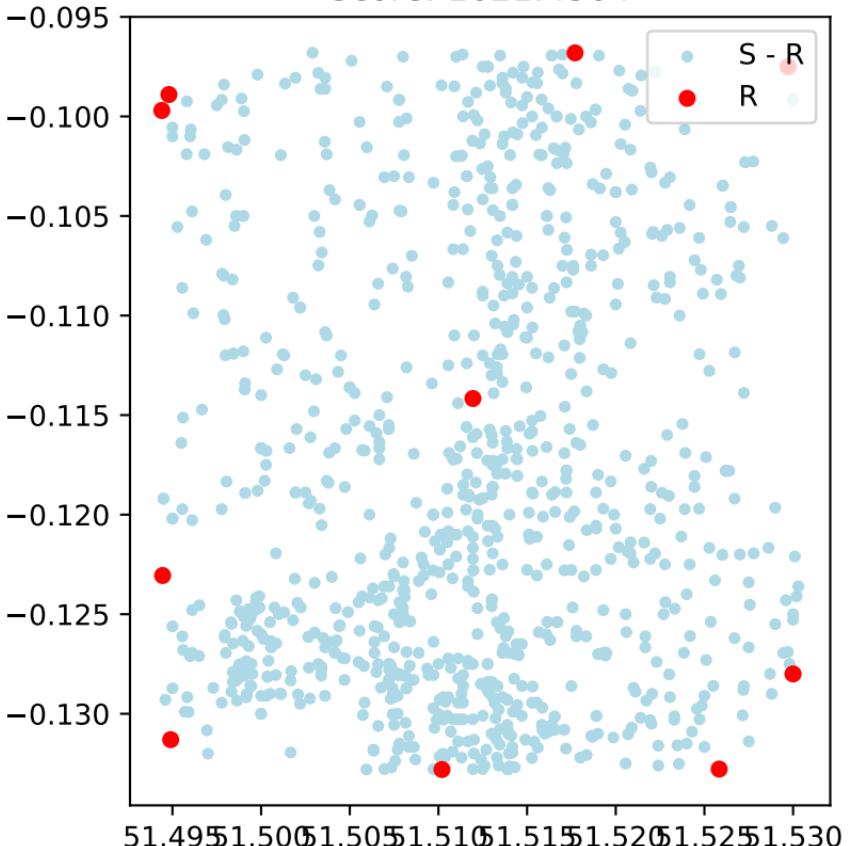
Score: 731.0175

Sampling

Score: 923.8063



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=10 | G=100 (10x10)
Baseline No R | Undersampling | Ours Sampling
Score: 1621.4304 Score: -369.2774 Score: 578.9564

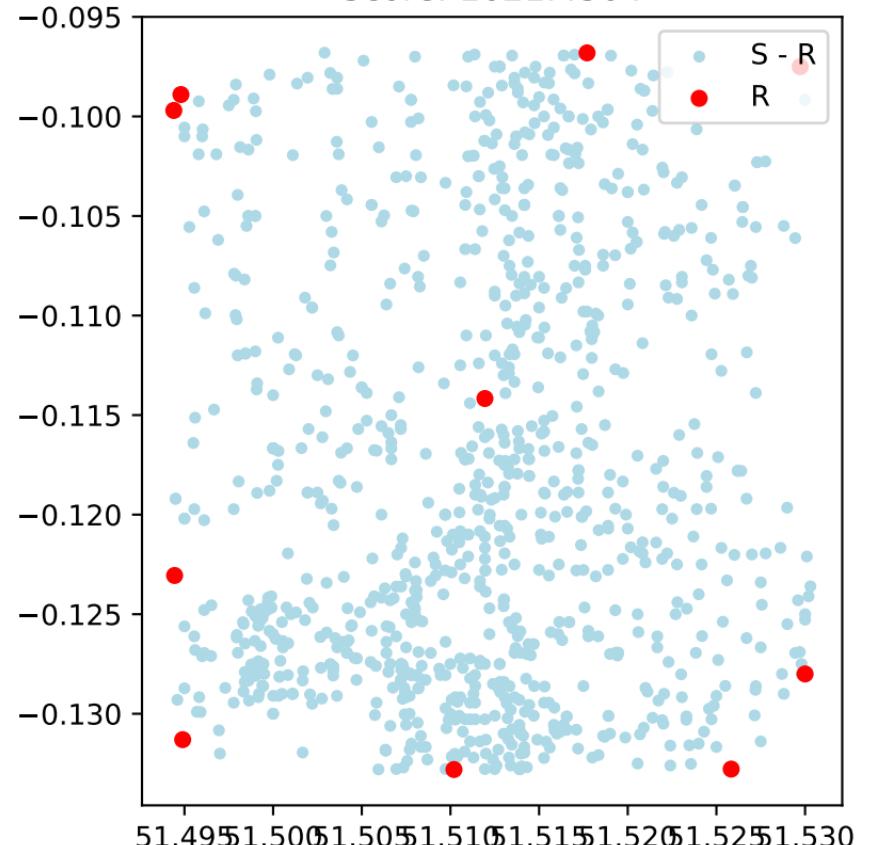


Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=10 | G=256 (16x16)

Baseline

No R

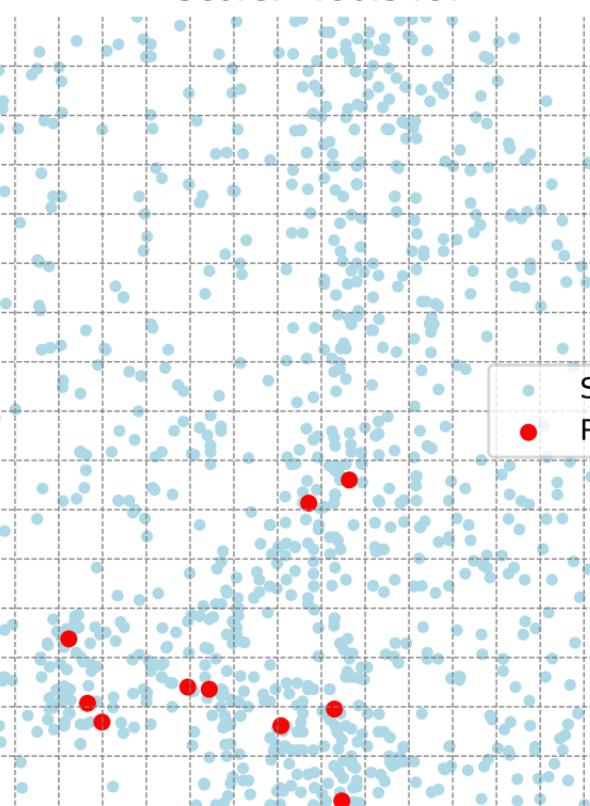
Score: 1621.4304



Undersampling

No R

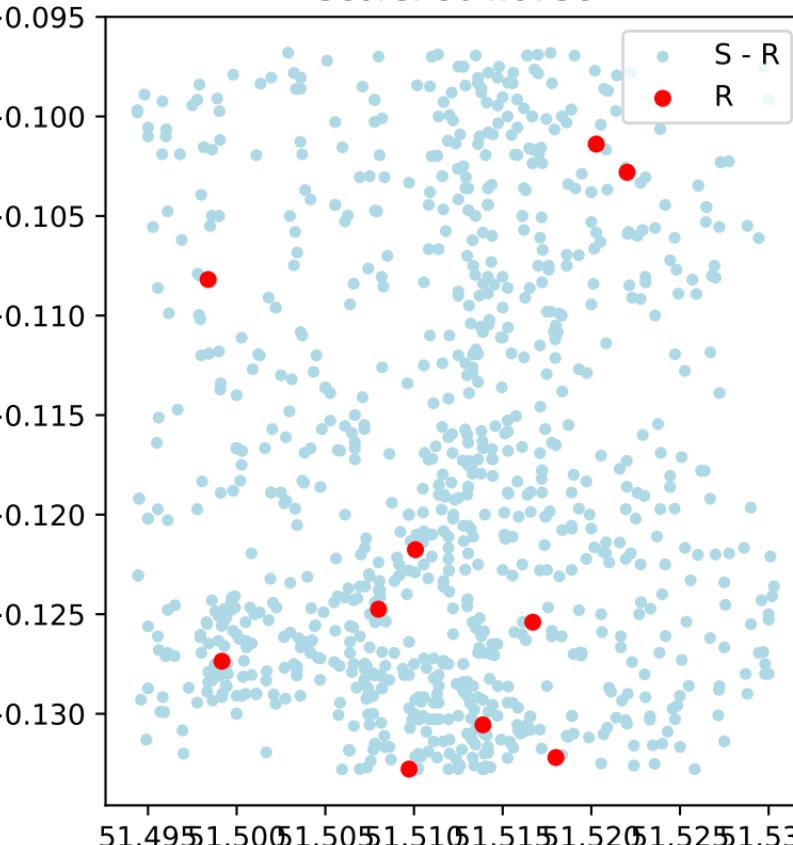
Score: -480.3487



Oversampling

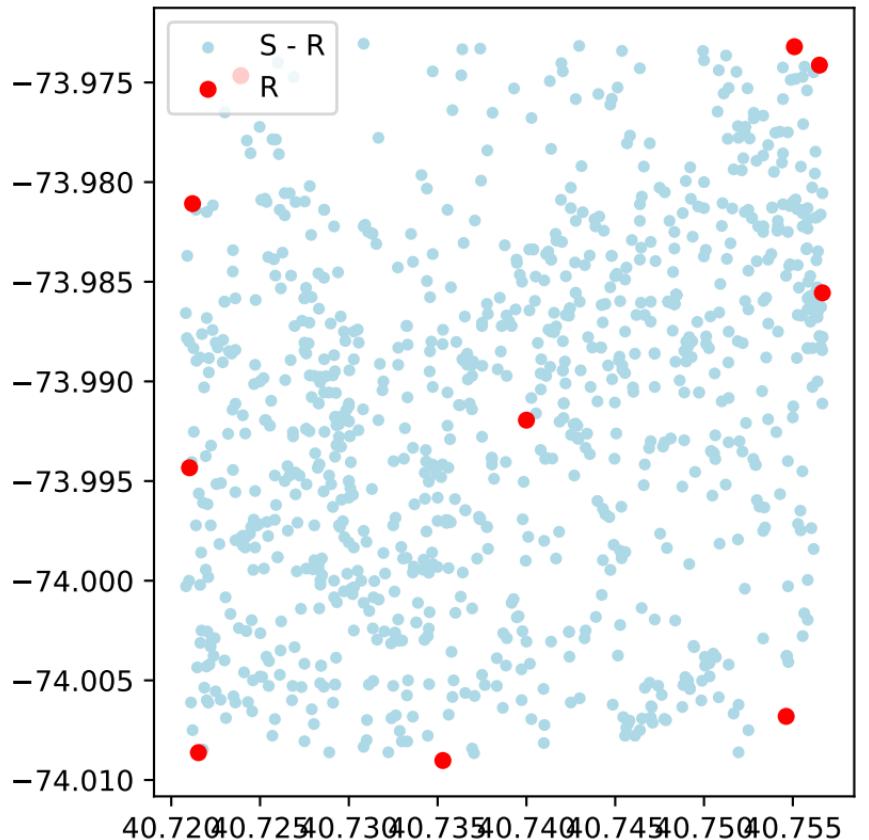
No R

Score: 804.6738

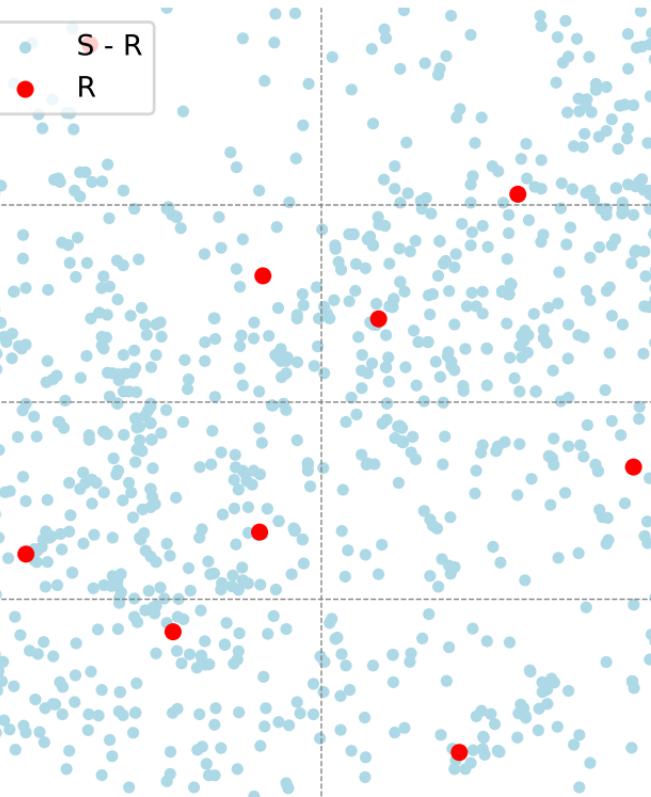


Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=10 | G=8 (2x4)

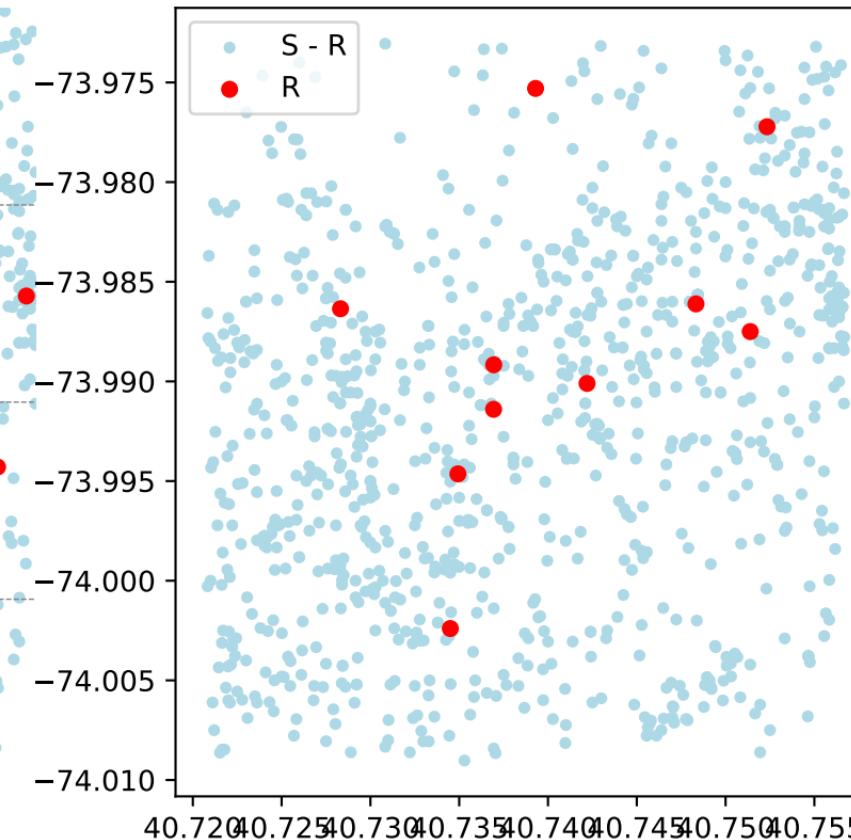
Base Fadu No R
Score: 1564.5518



Grid Sampling
Score: 950.8186



Sampling
Score: 343.7951

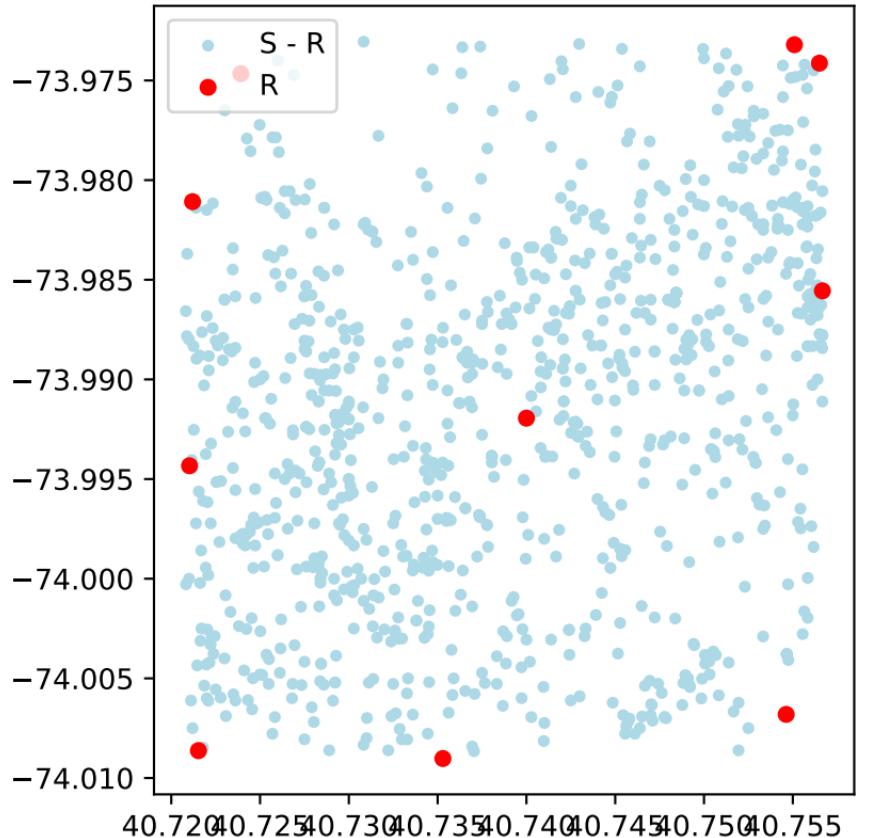


Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=10 | G=16 (4x4)

Baseline

No R

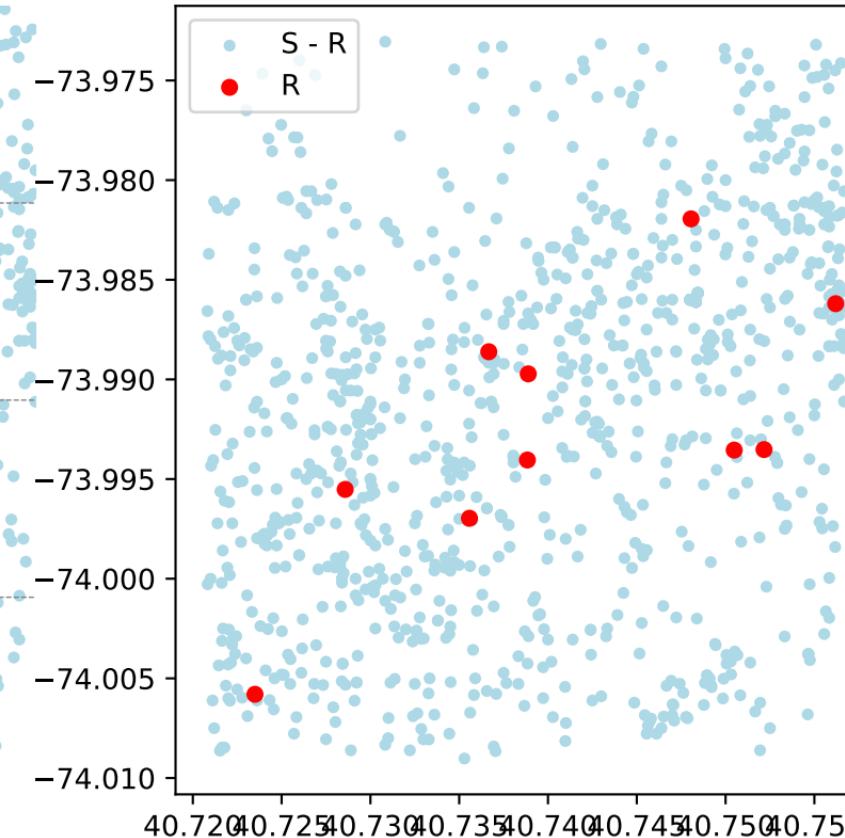
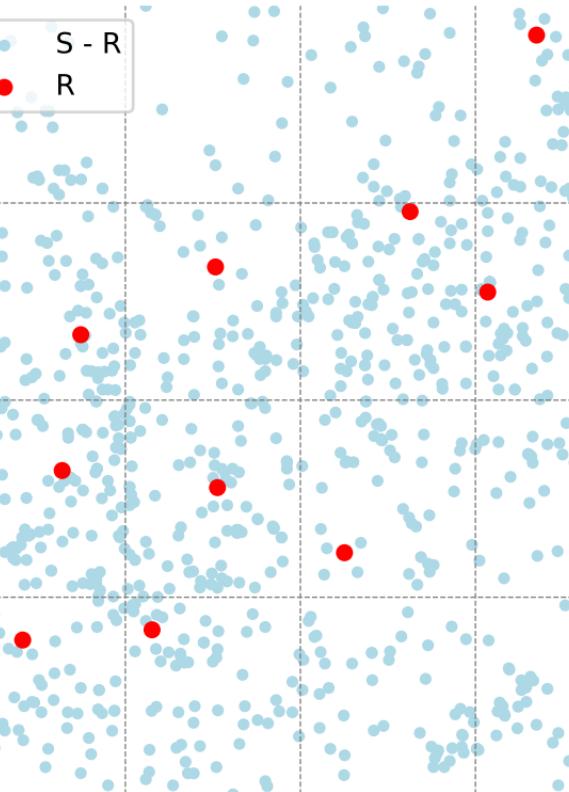
Score: 1564.5518



Grid Sampling

Sampling

Score: 600.3941

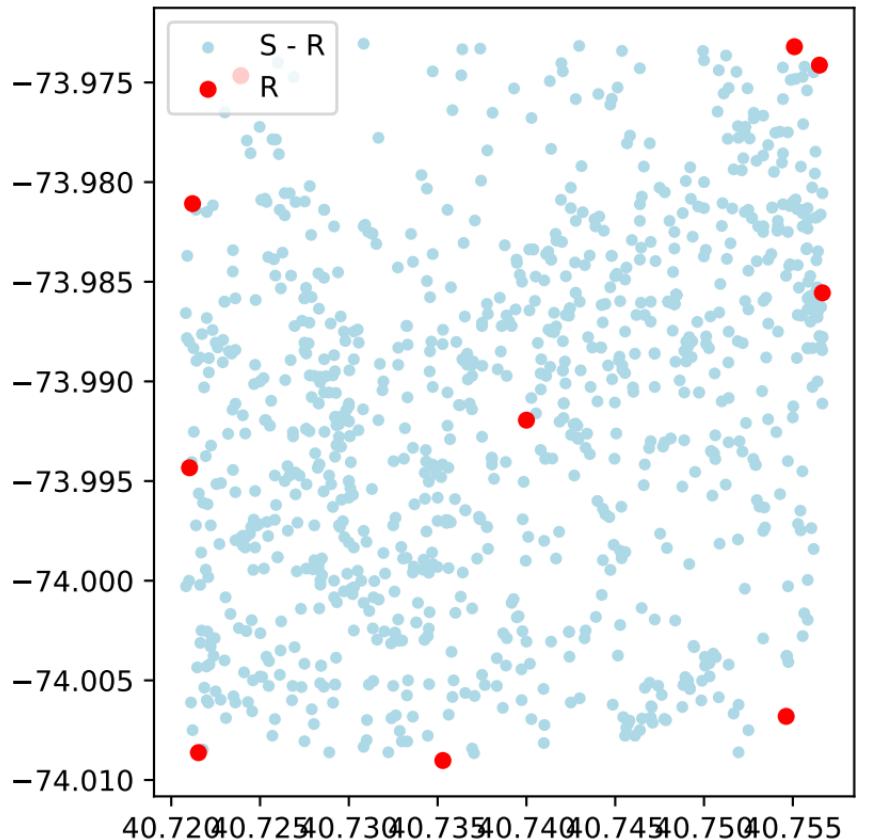


Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=10 | G=25 (5x5)

Baseline

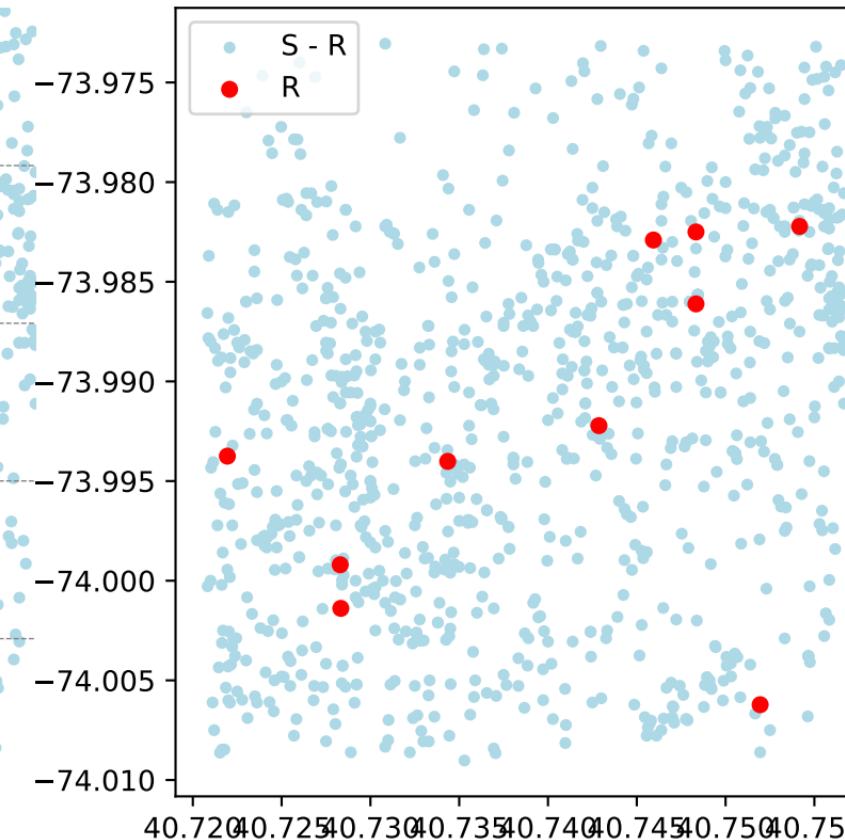
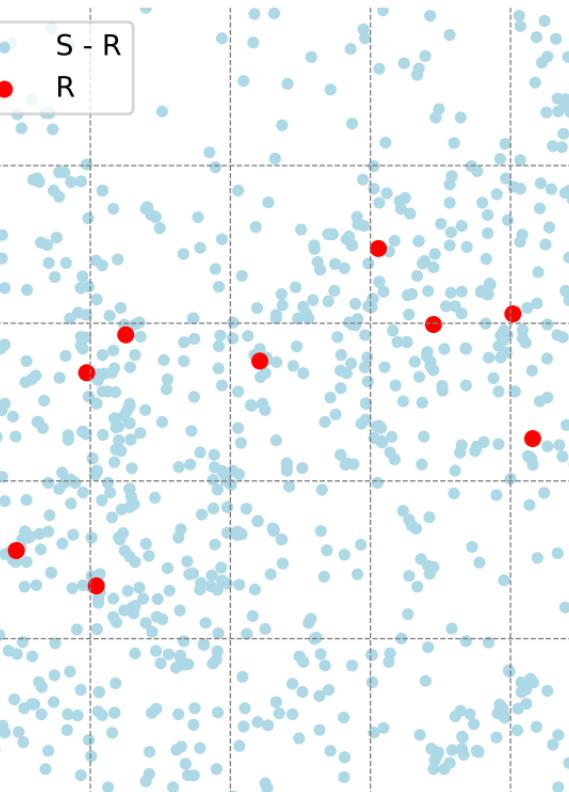
No R

Score: 1564.5518

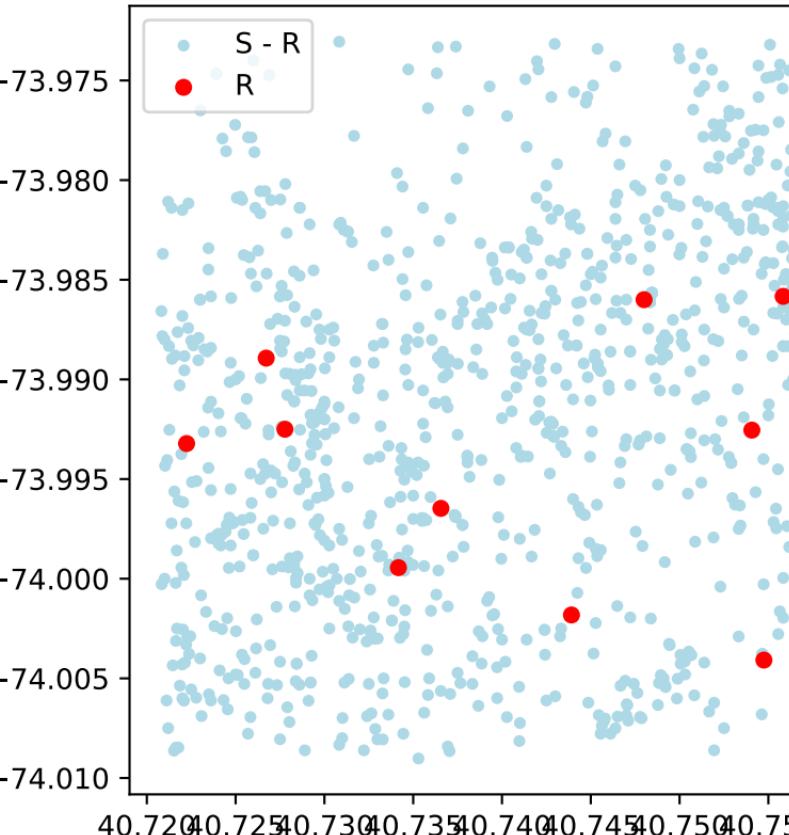
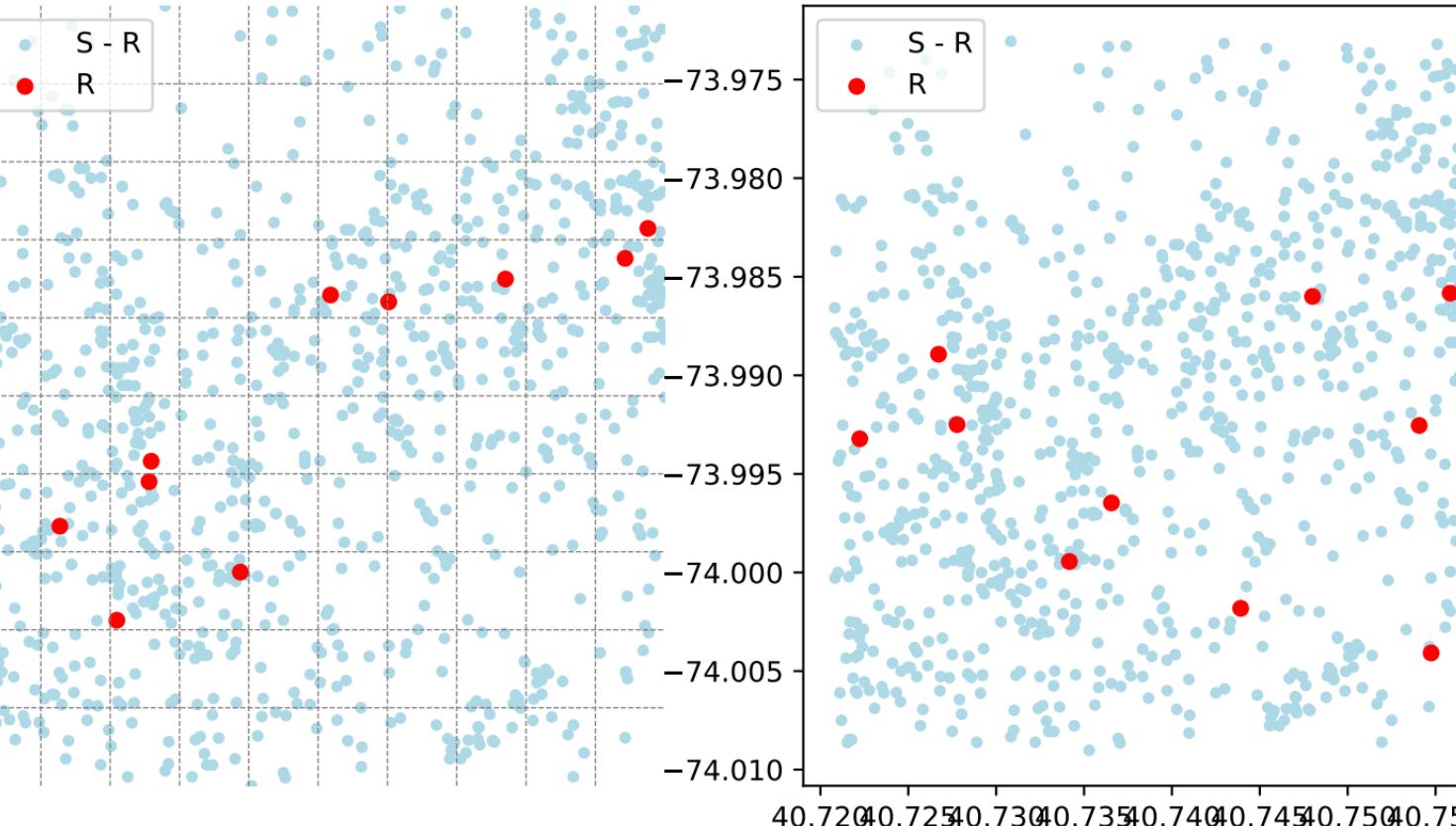
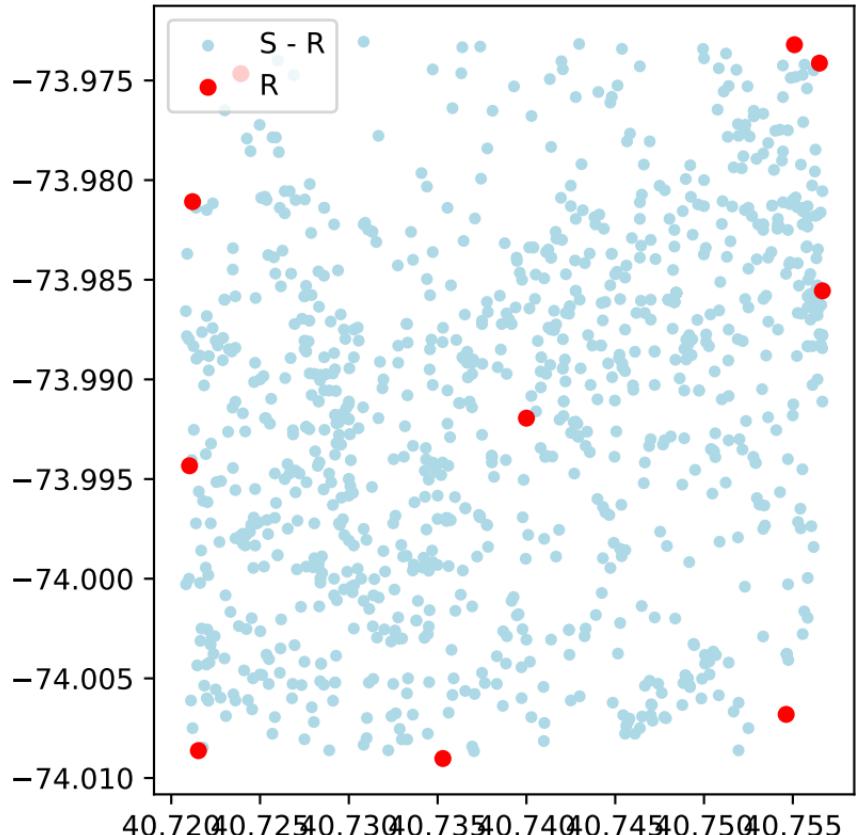


Grid Sampling

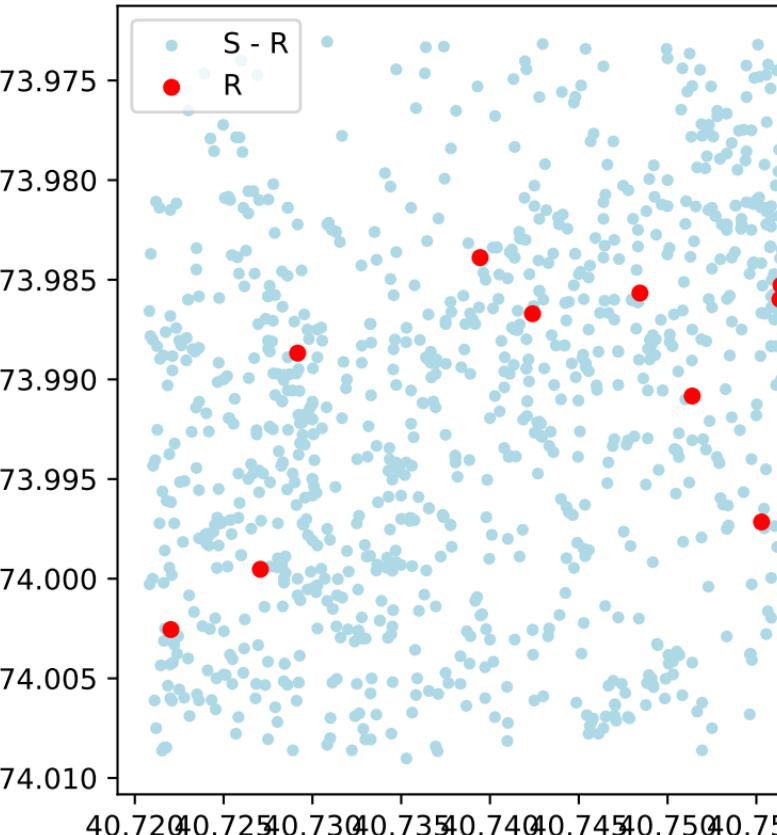
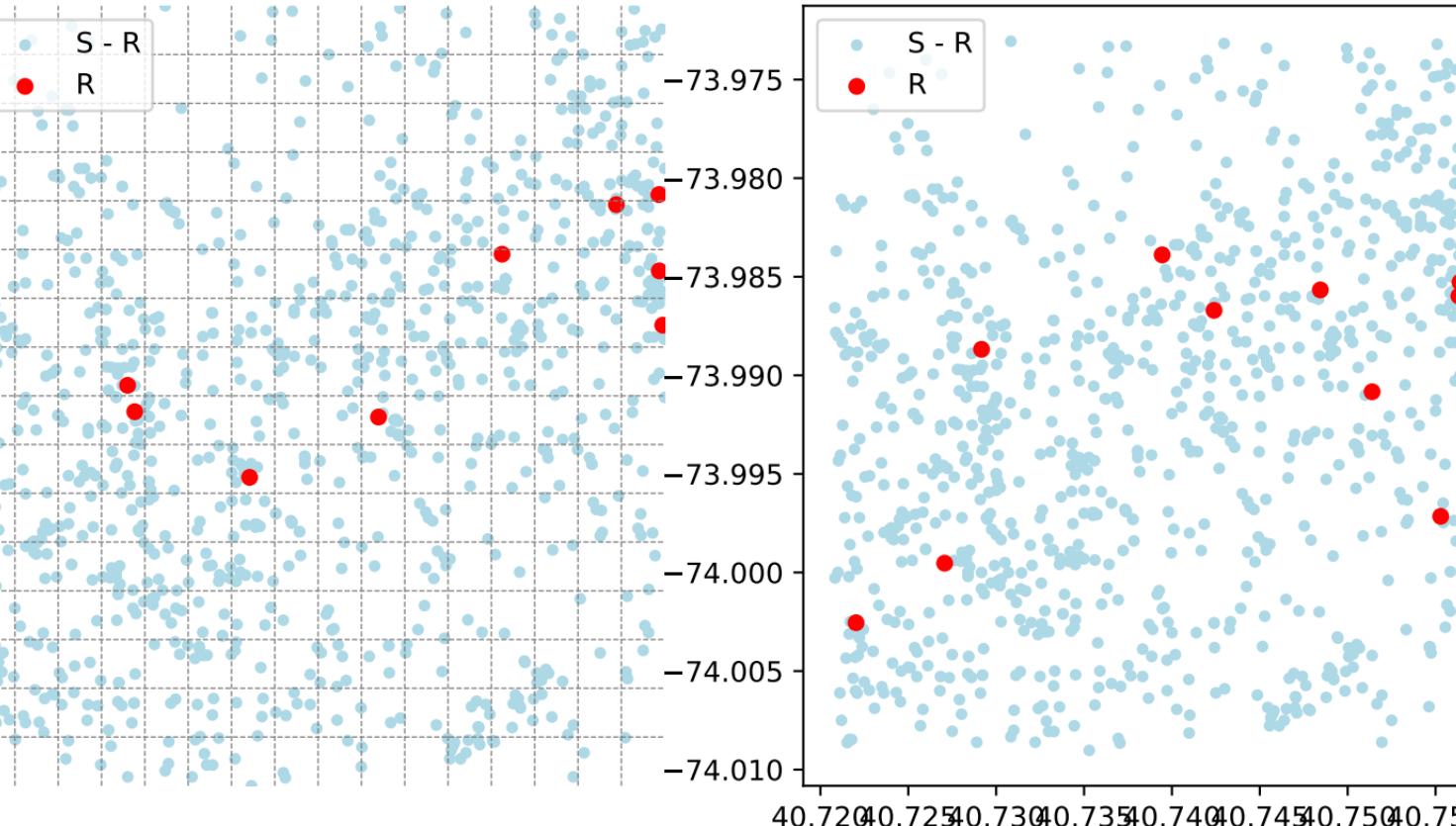
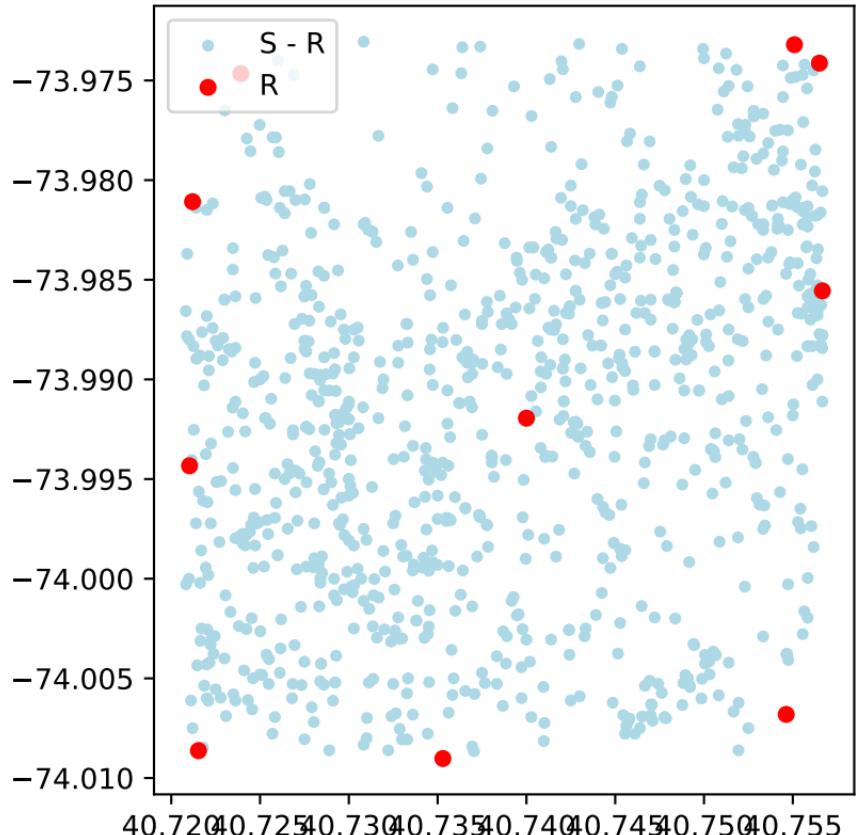
Score: 518.0193



Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=10 | G=100 (10x10)
Baseline No R Sampling Score: 1564.5518
Sampling Score: 550.0874
Sampling Score: 741.8976



Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=10 | G=256 (16x16)

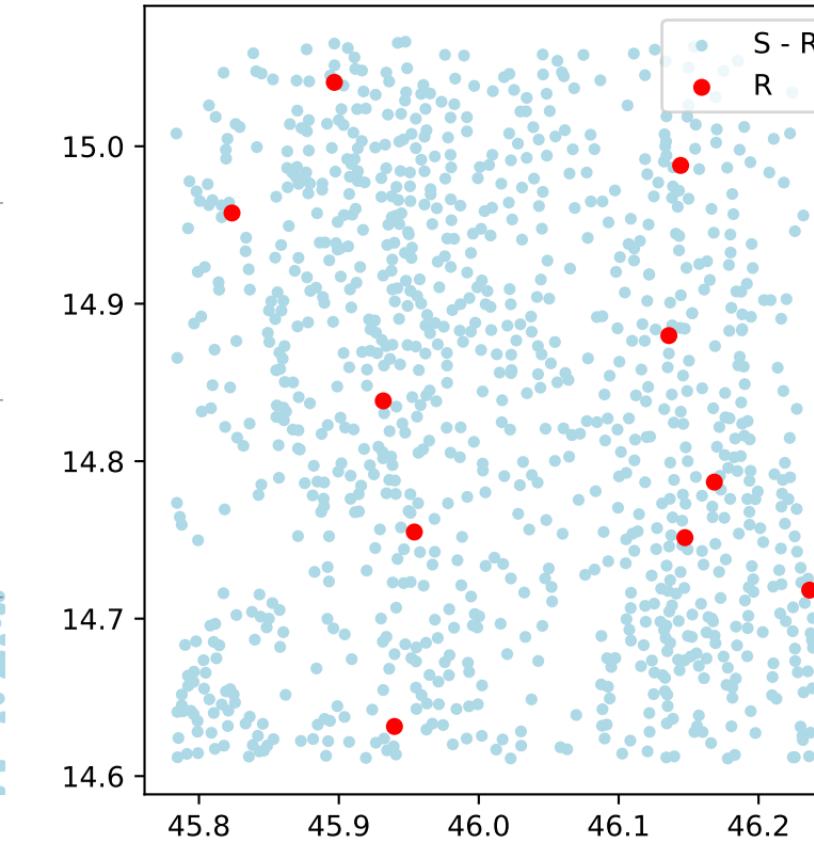
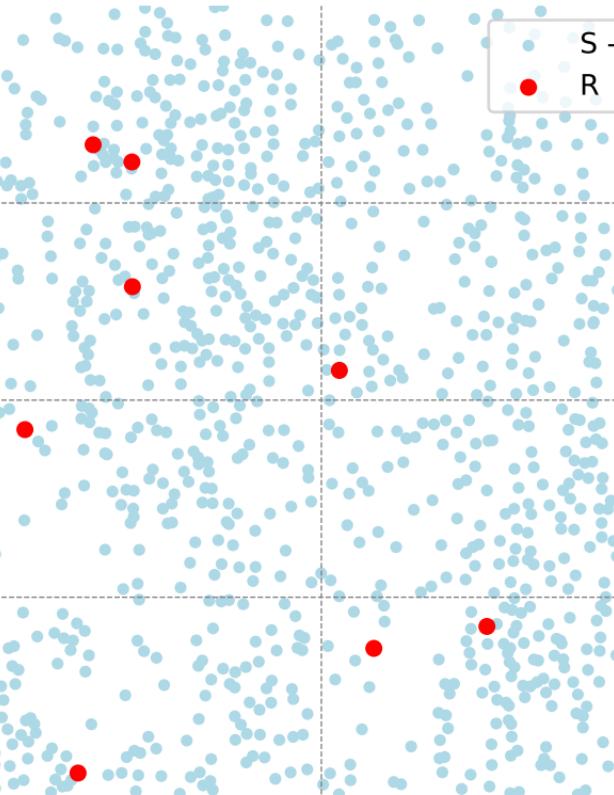
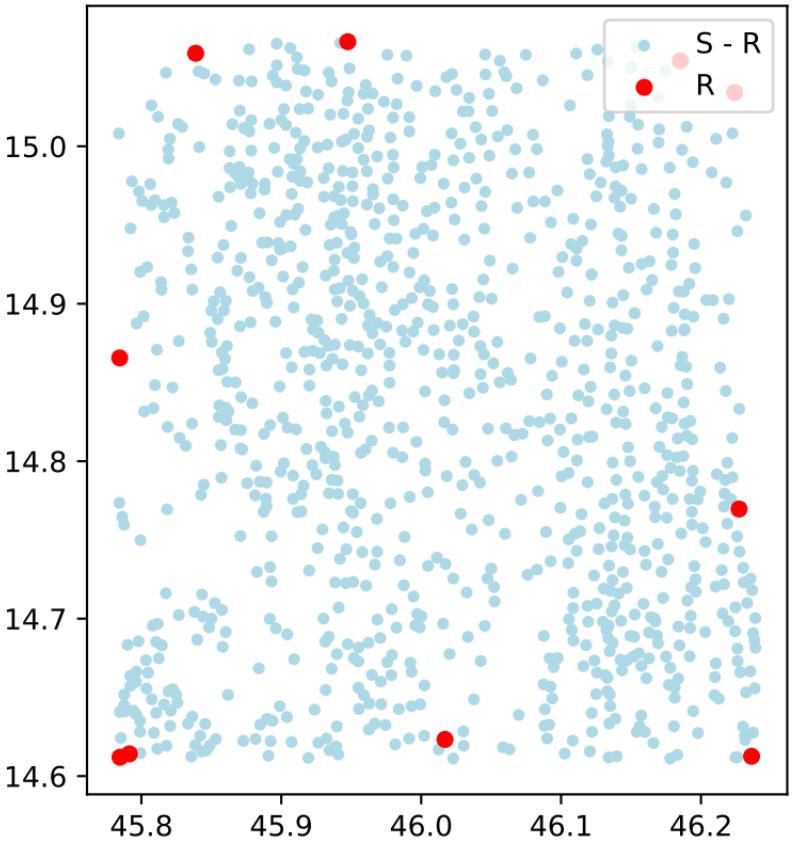


Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=10 | G=8 (2x4)

Base Fadu No R
Score: 1606.9082

Grid Sampling
Score: 945.1251

Sampling
Score: 874.0488



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=10 | G=16 (4x4)

Baseline No R

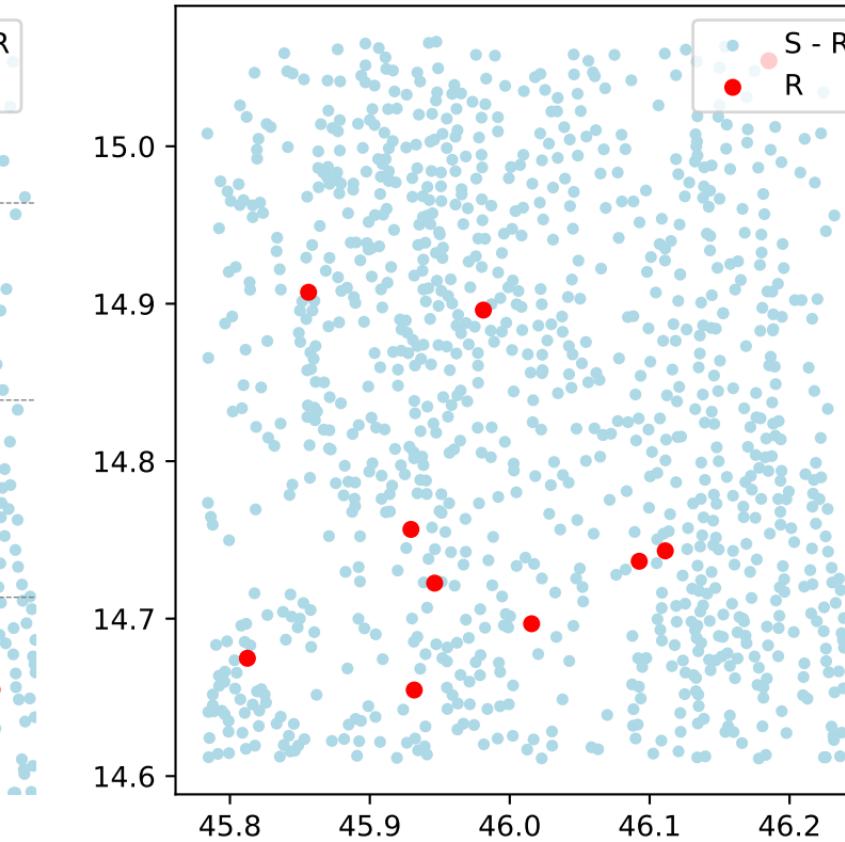
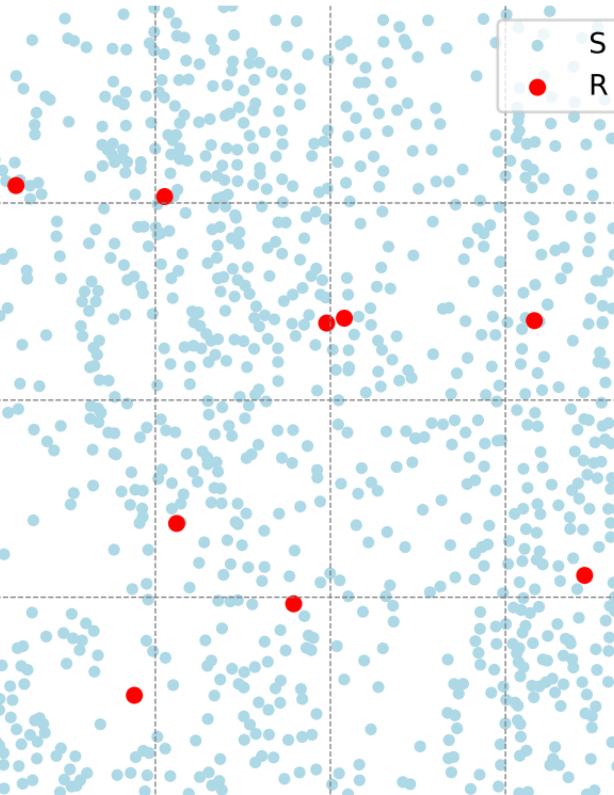
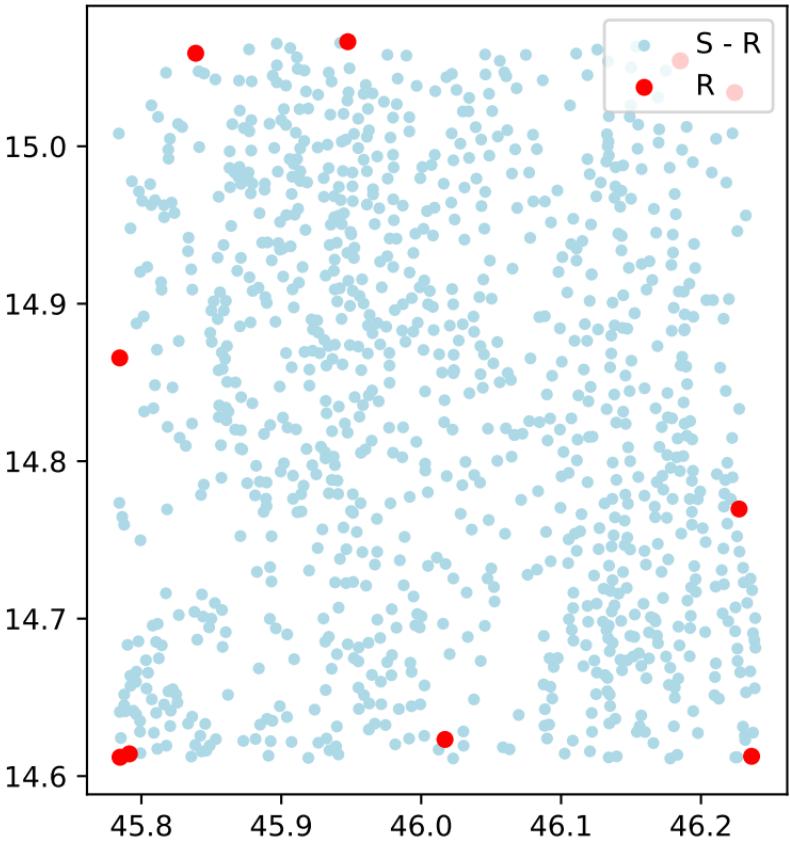
Score: 1606.9082

Grid Sampling

Score: 706.9866

Sampling

Score: 445.6574



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=10 | G=25 (5x5)

Baseline No R

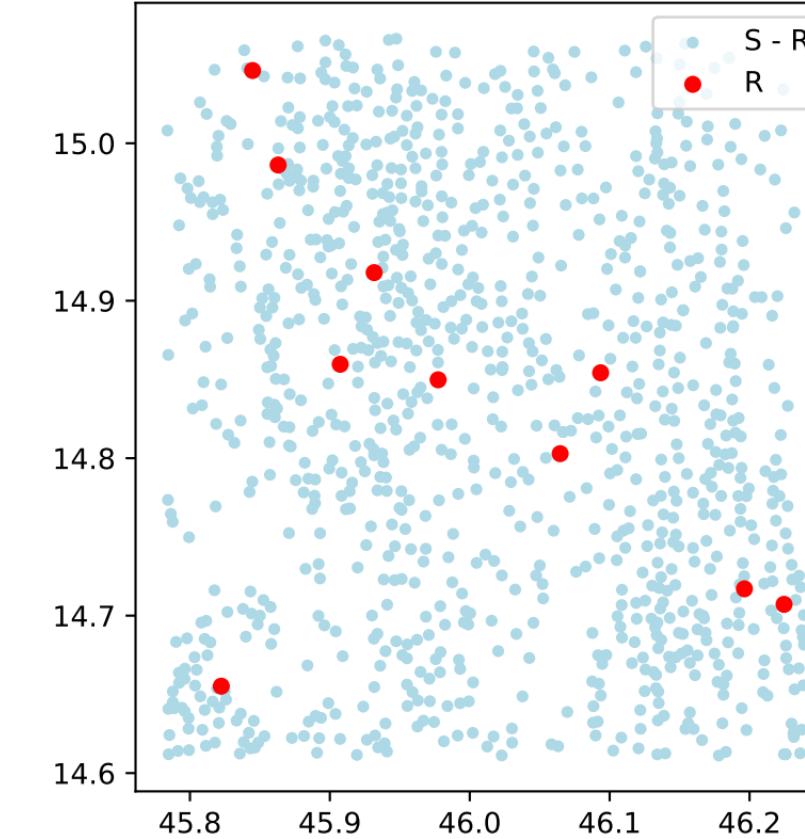
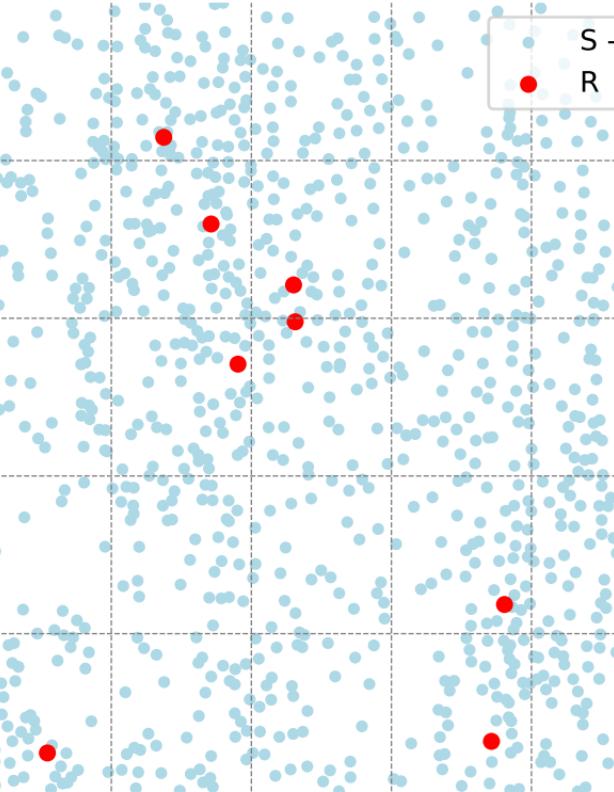
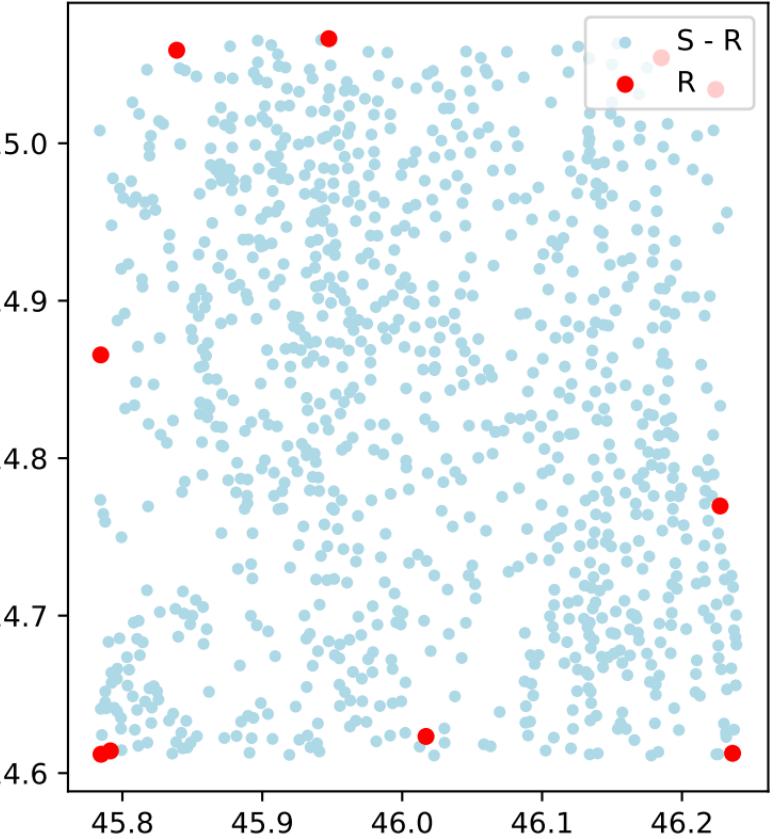
Score: 1606.9082

Grid Sampling

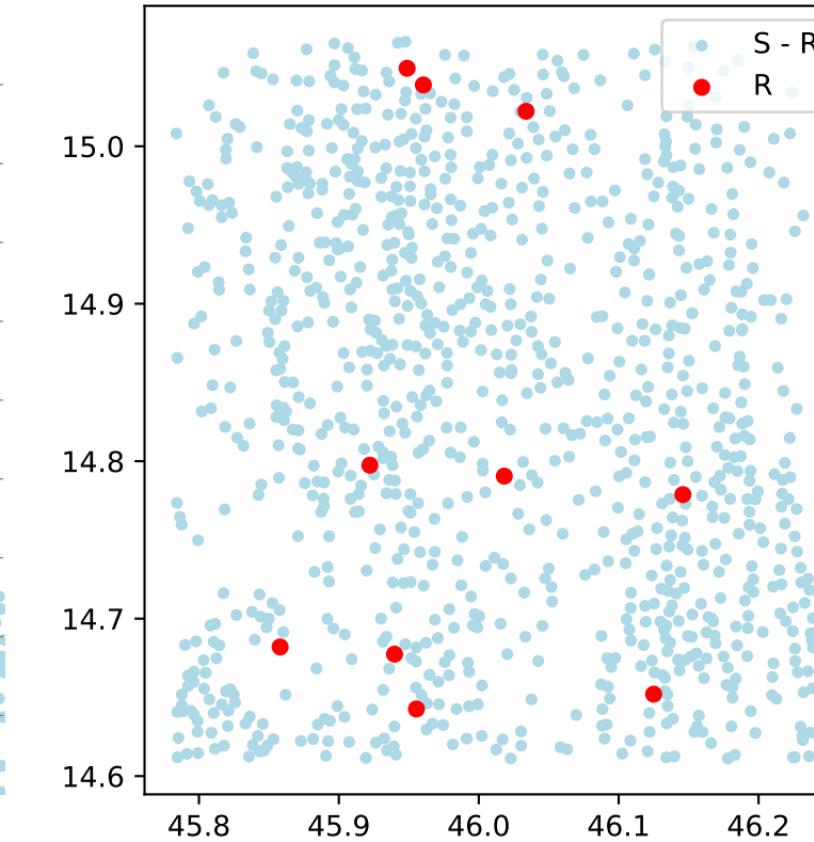
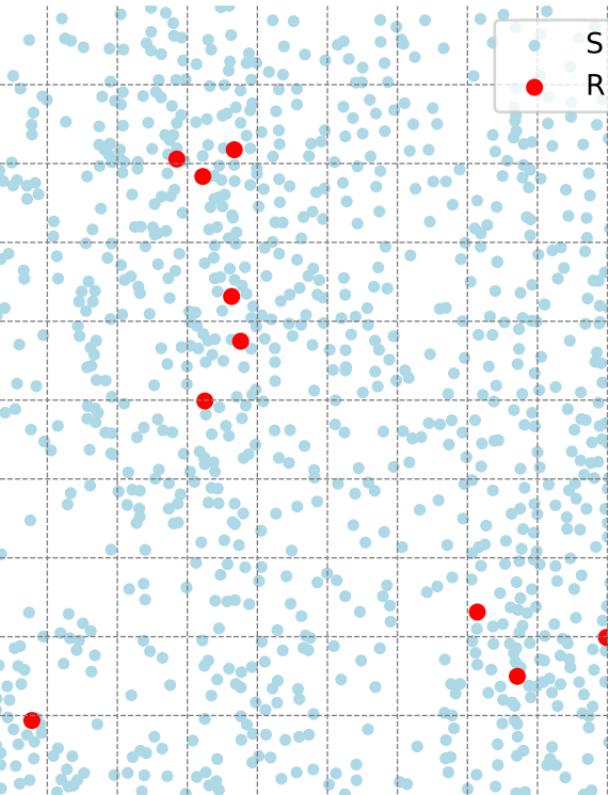
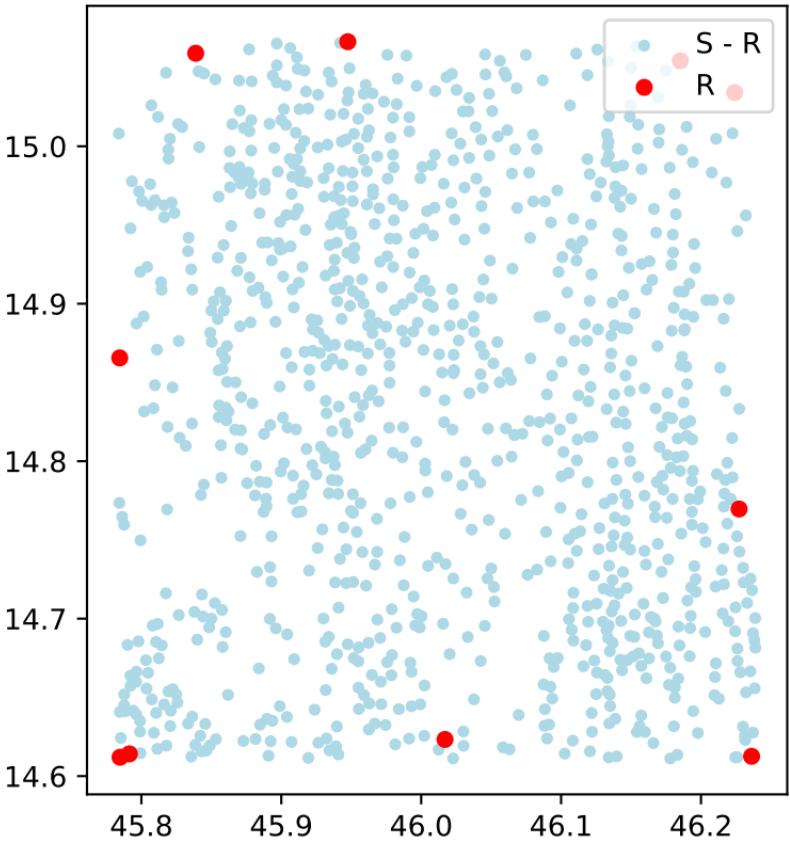
Score: 717.3969

Sampling

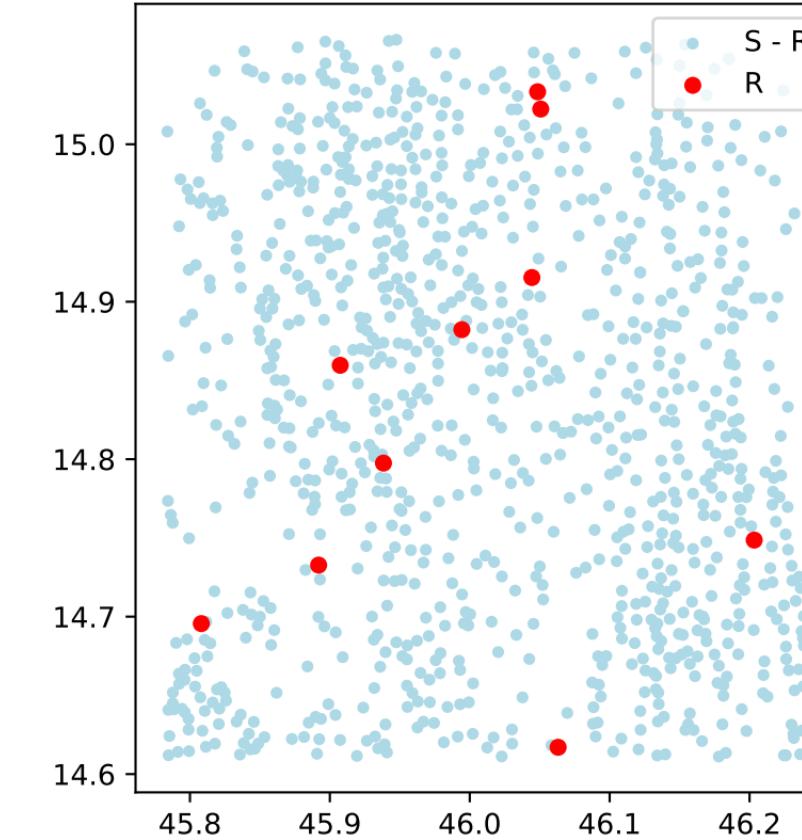
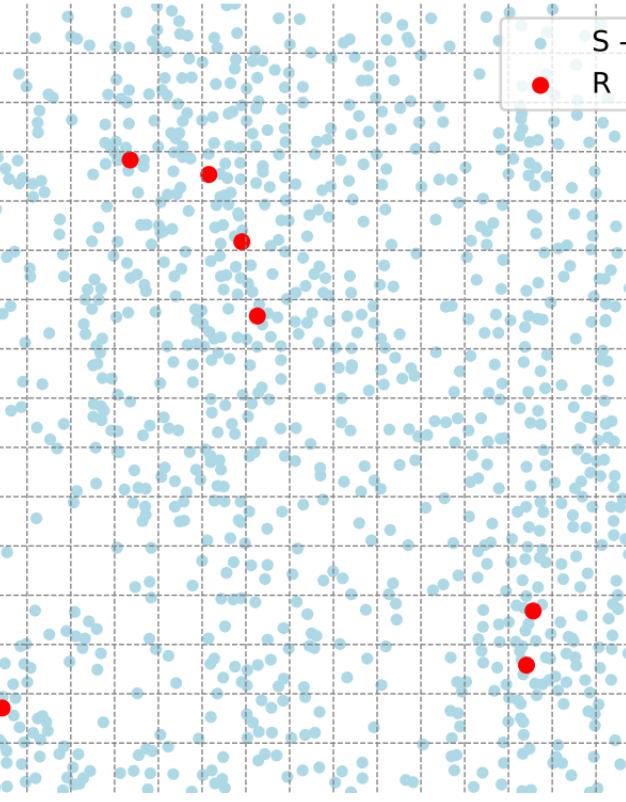
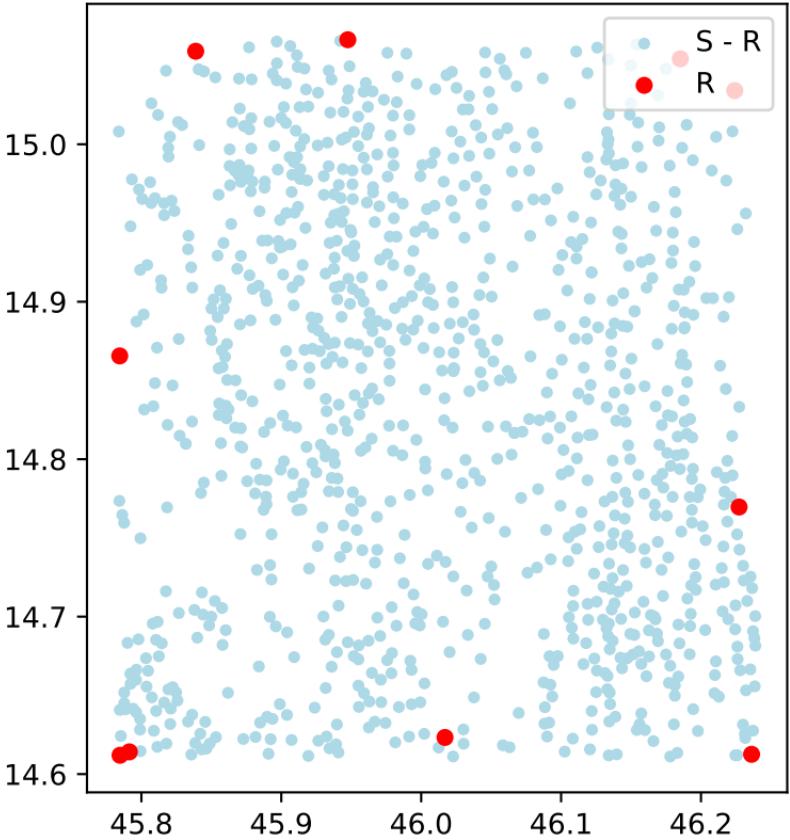
Score: 769.6222

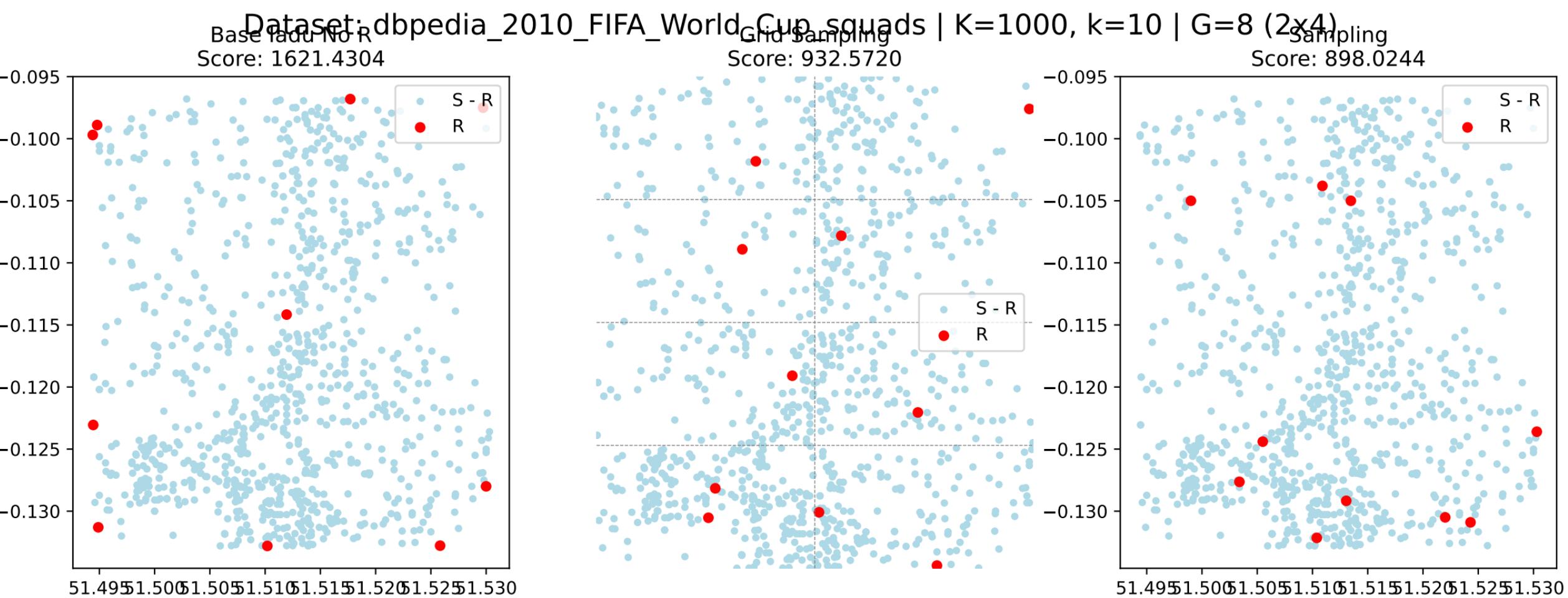


Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=10 | G=100 (10x10)
Sampling: Baseline No R | Undersampling | OverSampling | Random Sampling
Score: 1606.9082

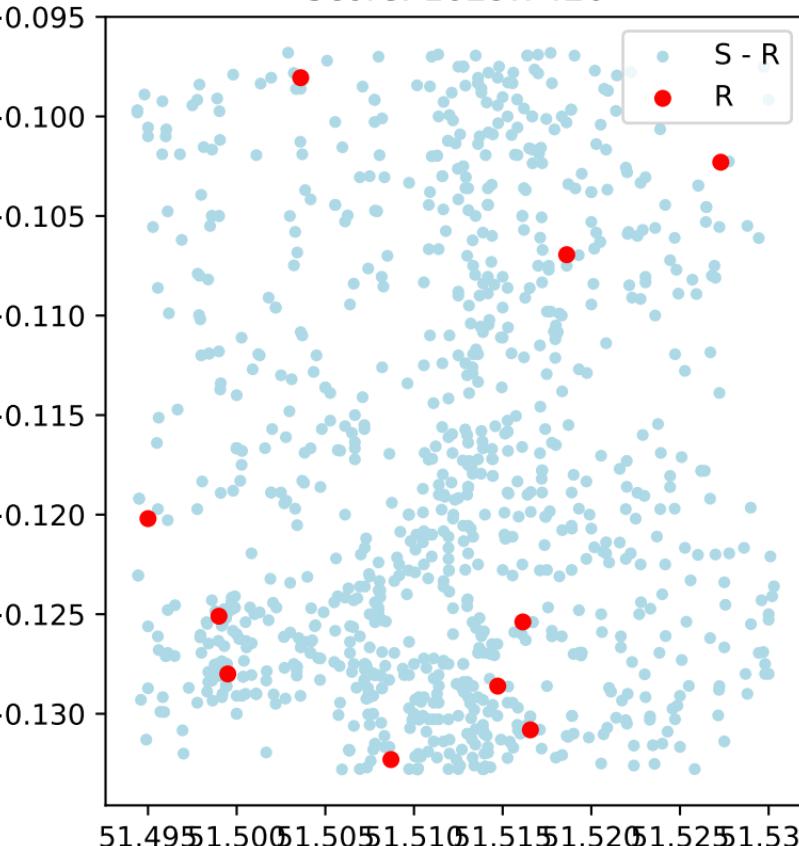
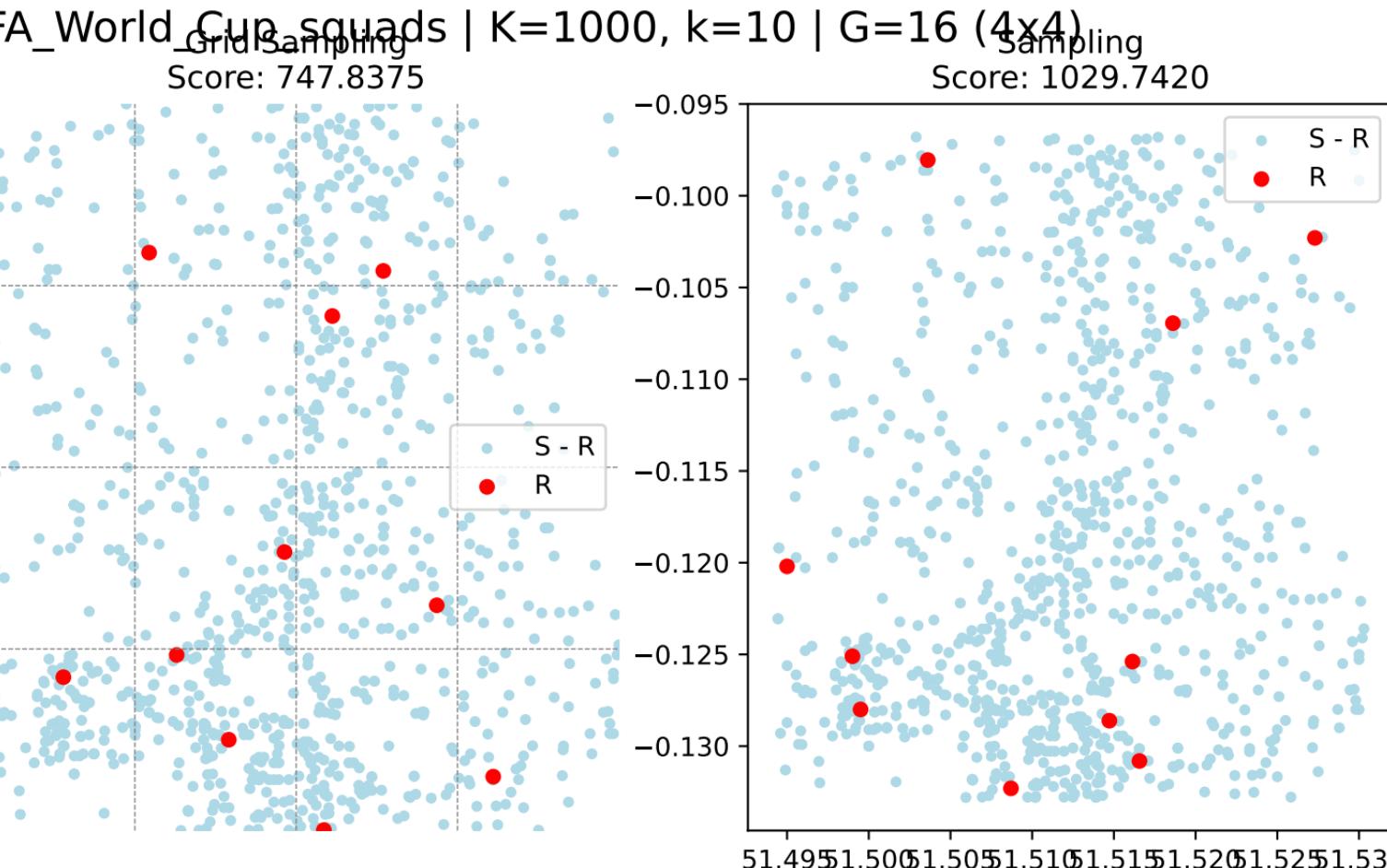
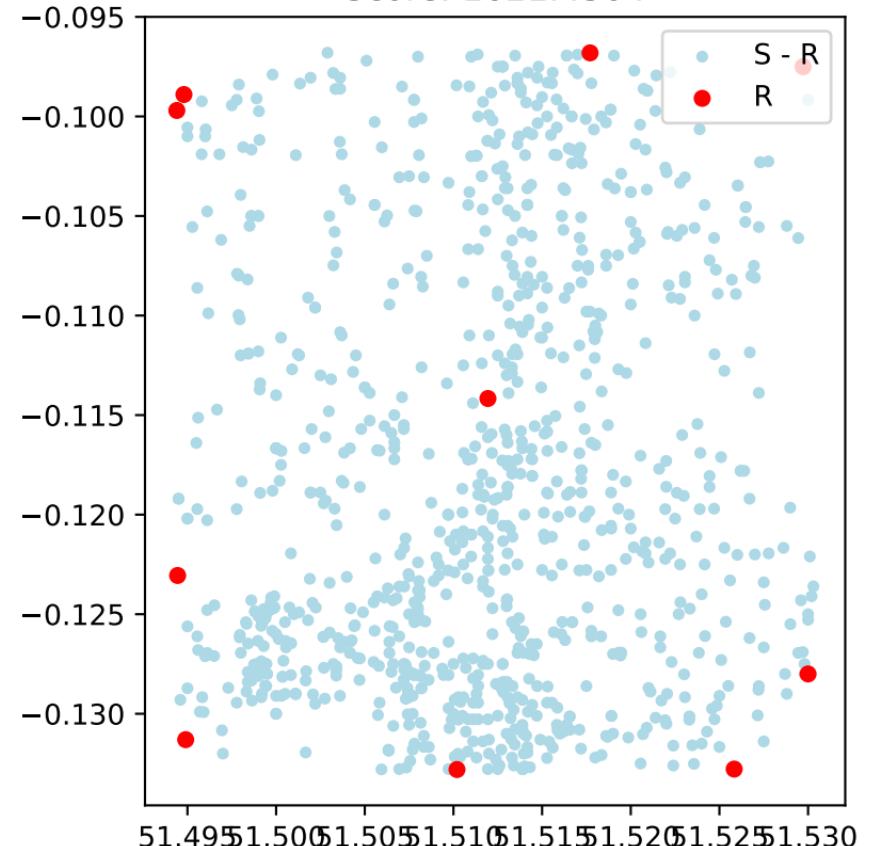


Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=10 | G=256 (16x16)
Baseline No R | Undersampling | Ours Sampling
Score: 1606.9082 Score: 1003.1604 Score: 666.9966





Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=10 | G=16 (4x4)



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=10 | G=25 (5x5)

Baseline No R

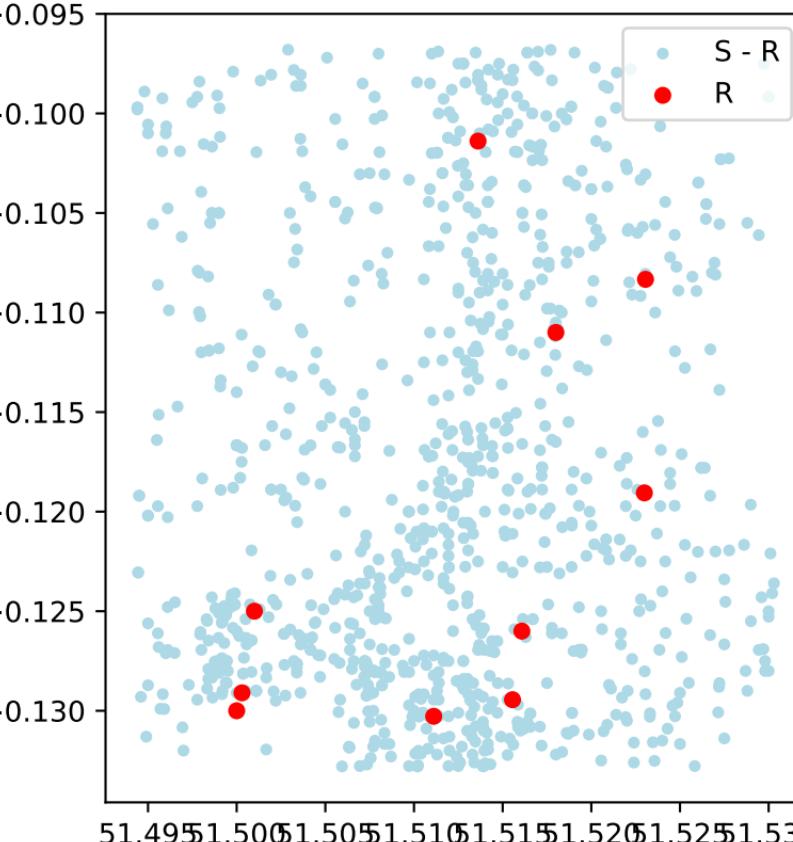
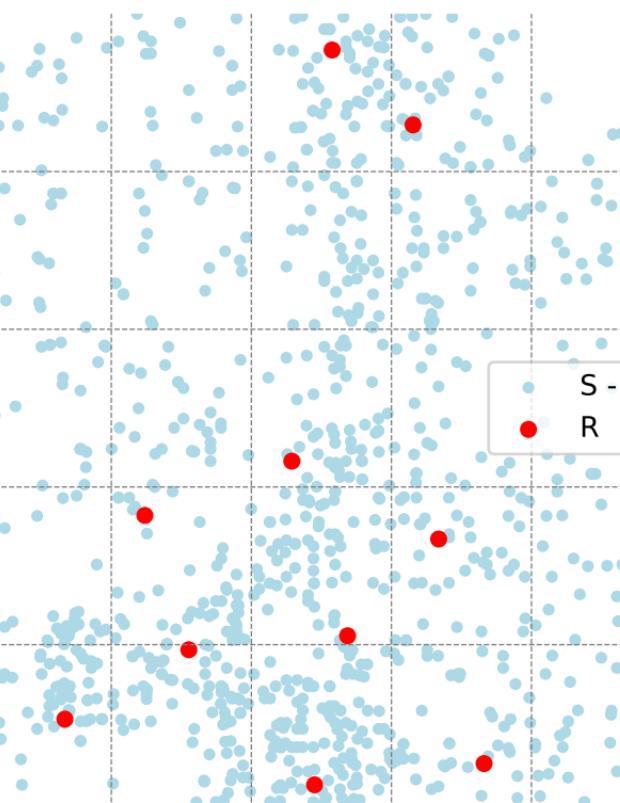
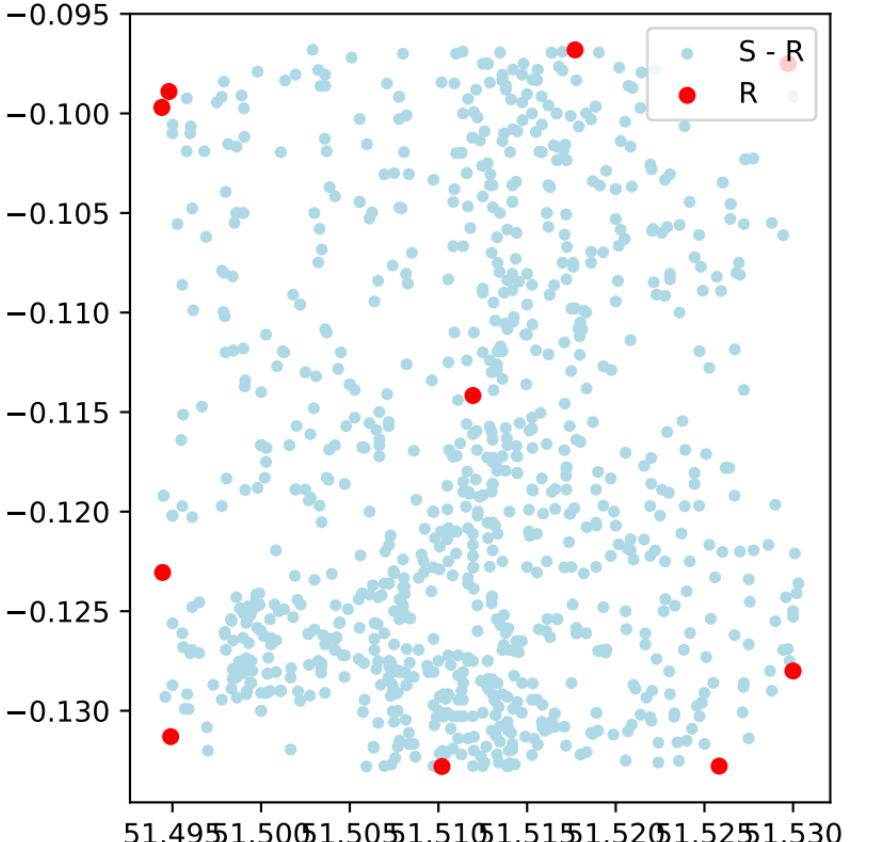
Score: 1621.4304

Grid Sampling

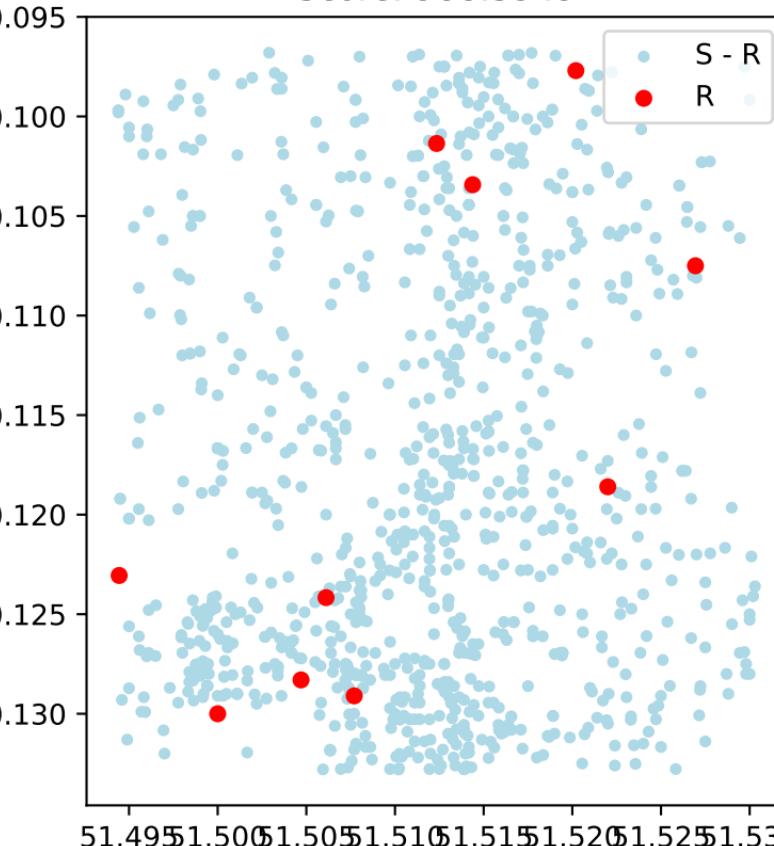
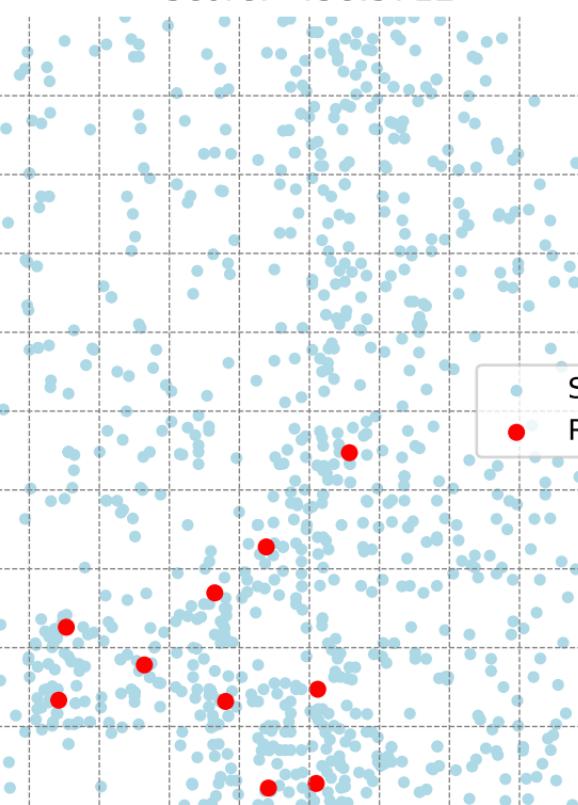
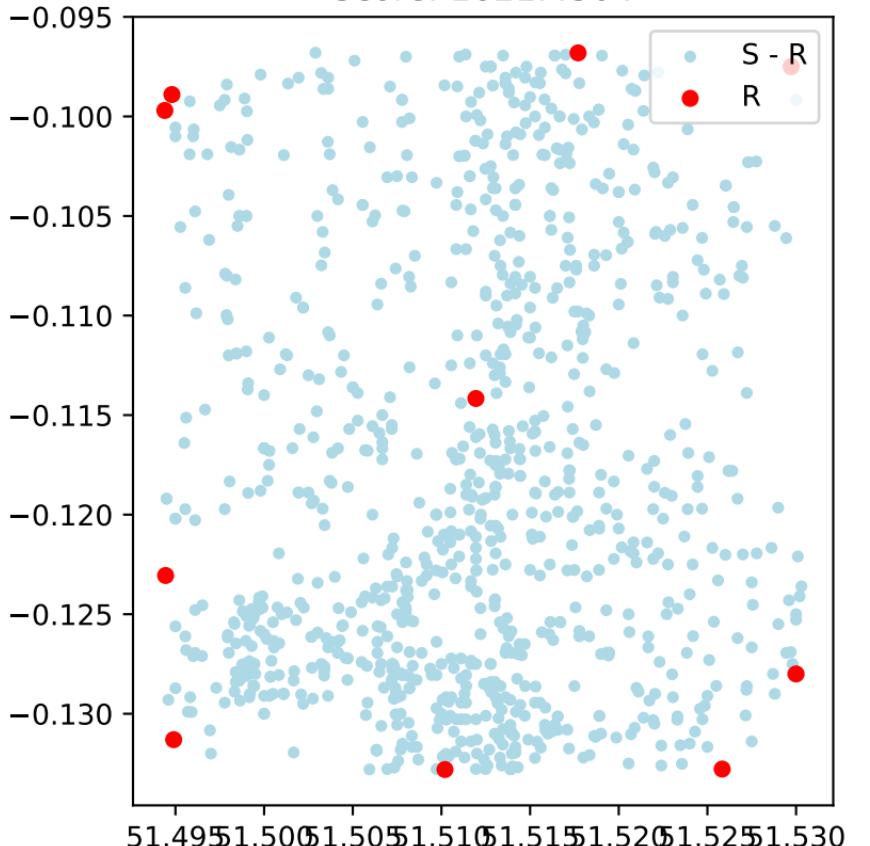
Score: 743.6740

Sampling

Score: 733.9031



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=10 | G=100 (10x10)
Baseline No R | Undersampling | OverSampling
Score: 1621.4304 Score: -438.3712 Score: 988.3949

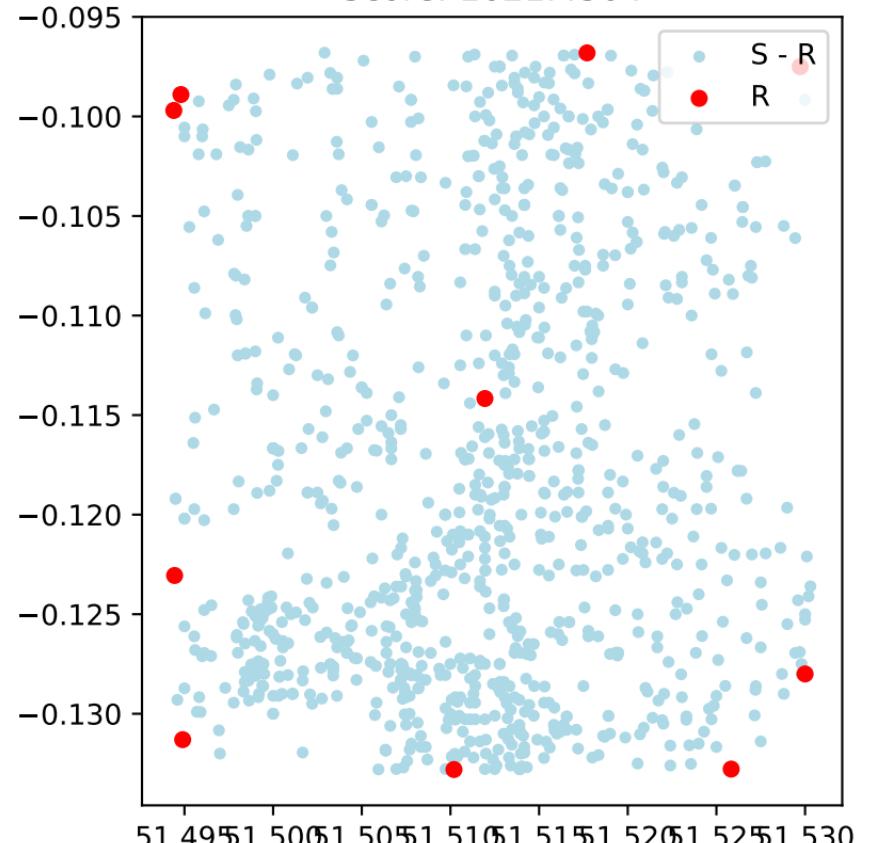


Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=10 | G=256 (16x16)

Baseline

No R

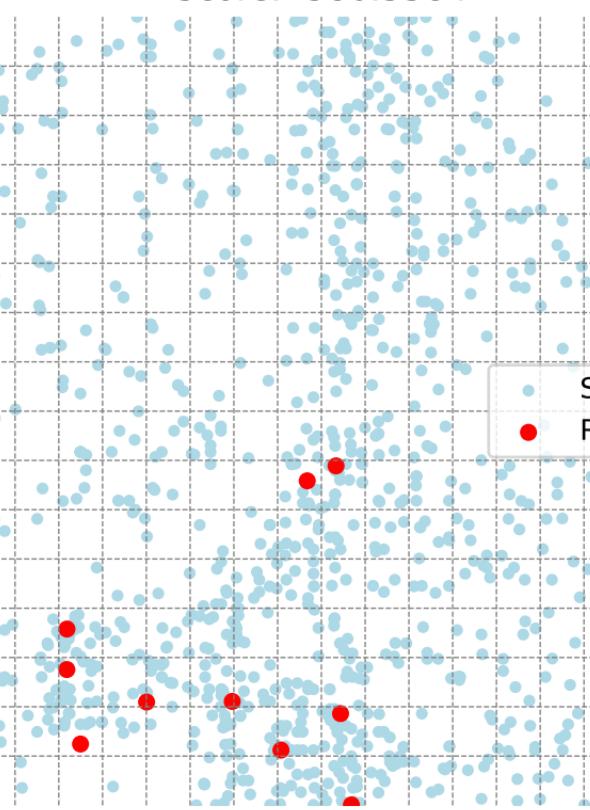
Score: 1621.4304



Undersampling

No R

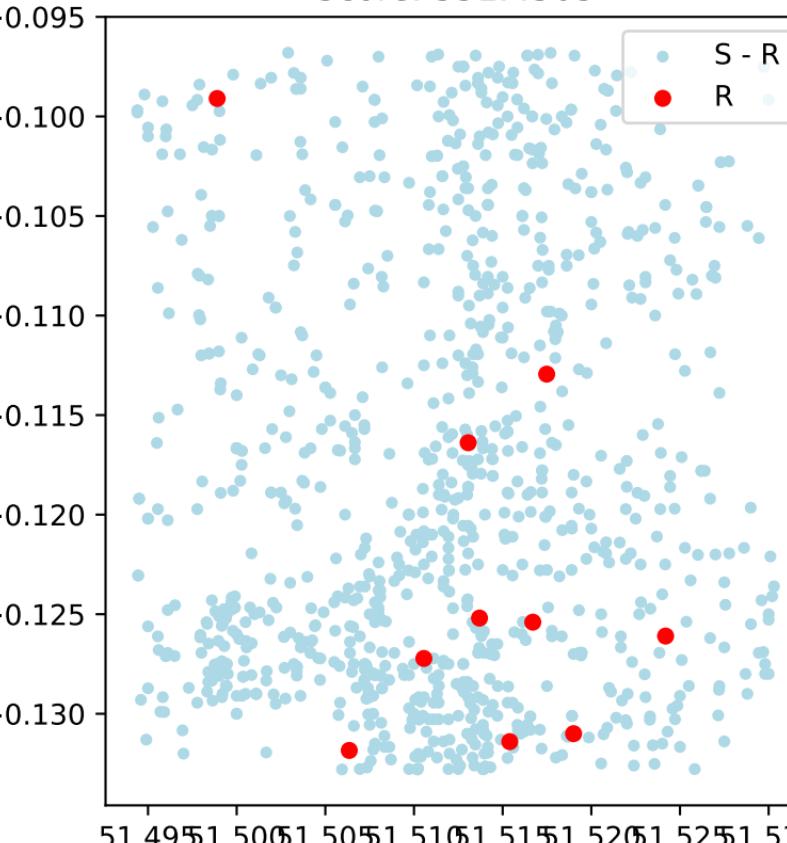
Score: -380.5584



Oversampling

No R

Score: 351.4503

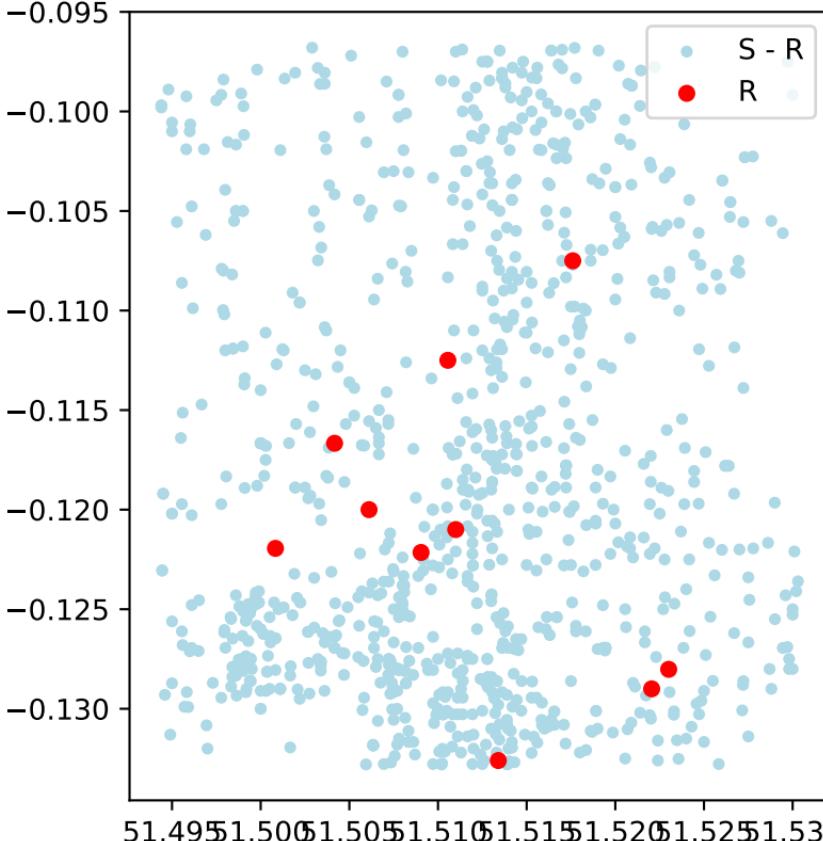
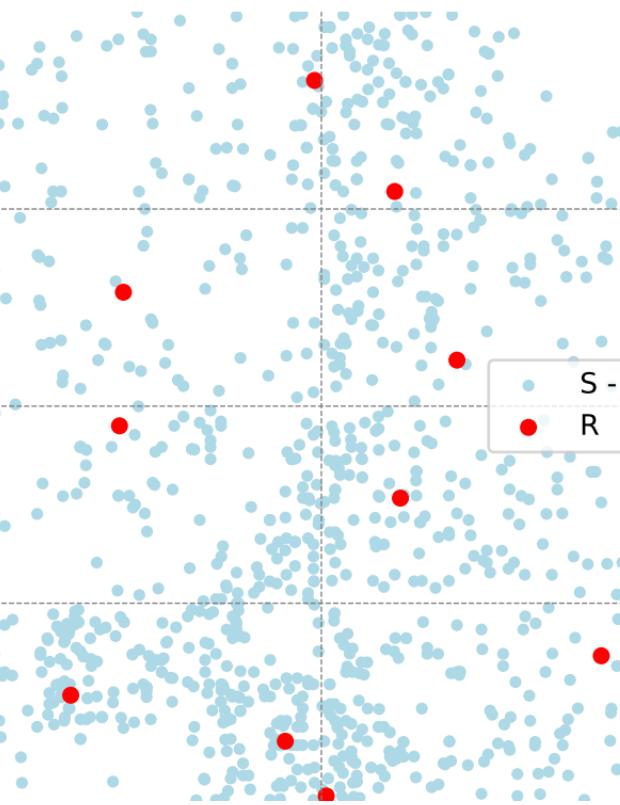
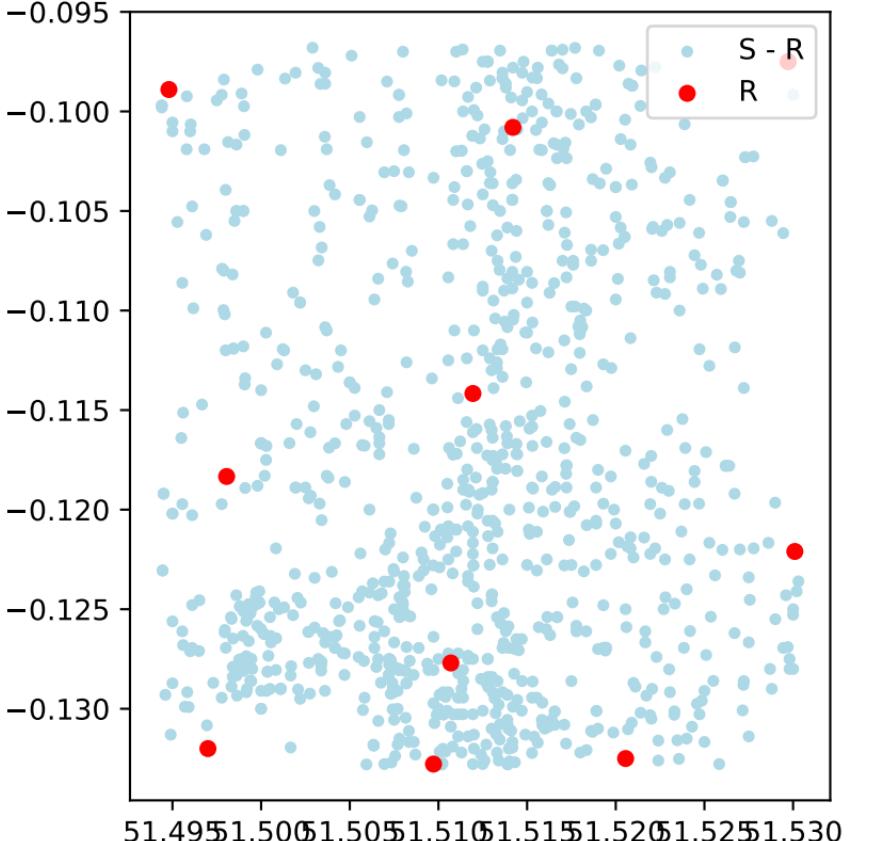


Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=10 | G=8 (2x4)

Base Iadu No R
Score: 2966.7789

Grid Sampling
Score: 2844.9751

Sampling
Score: 2605.2286

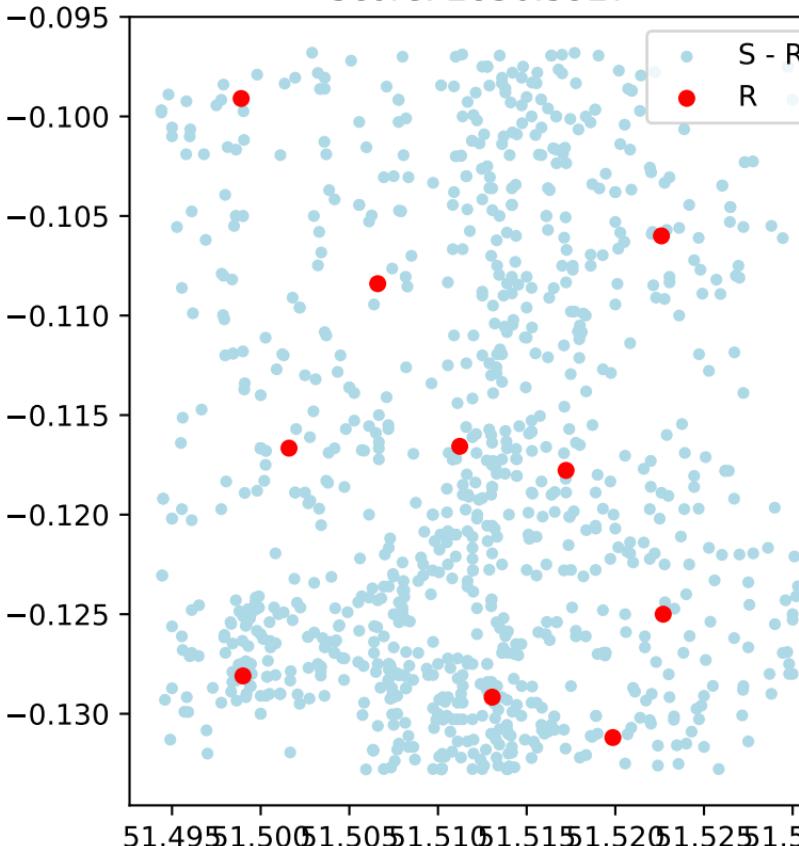
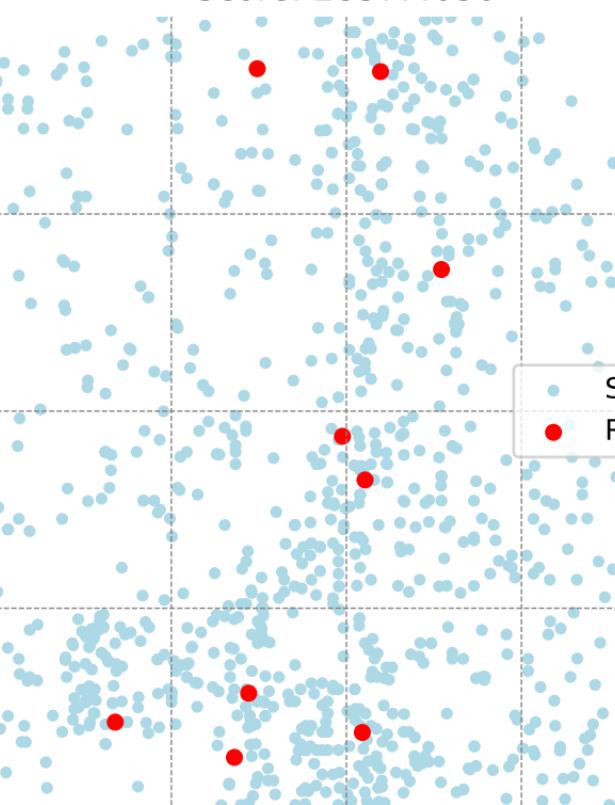
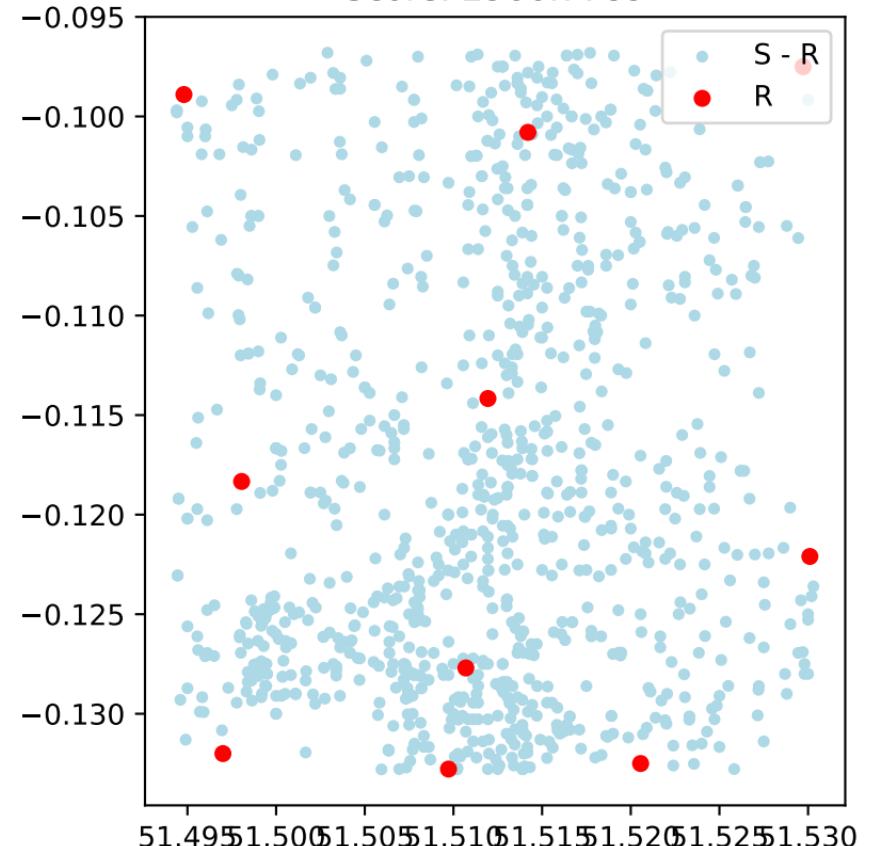


Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=10 | G=16 (4x4)

Baseline No R
Score: 2966.7789

Grid Sampling
Score: 2837.4030

Sampling
Score: 2836.3927

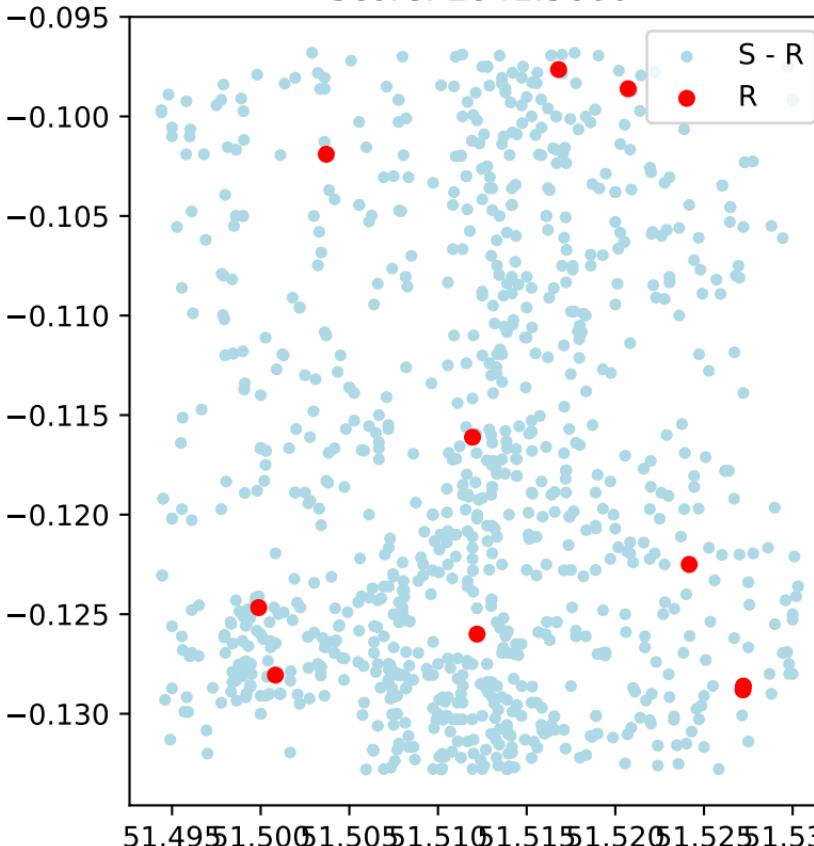
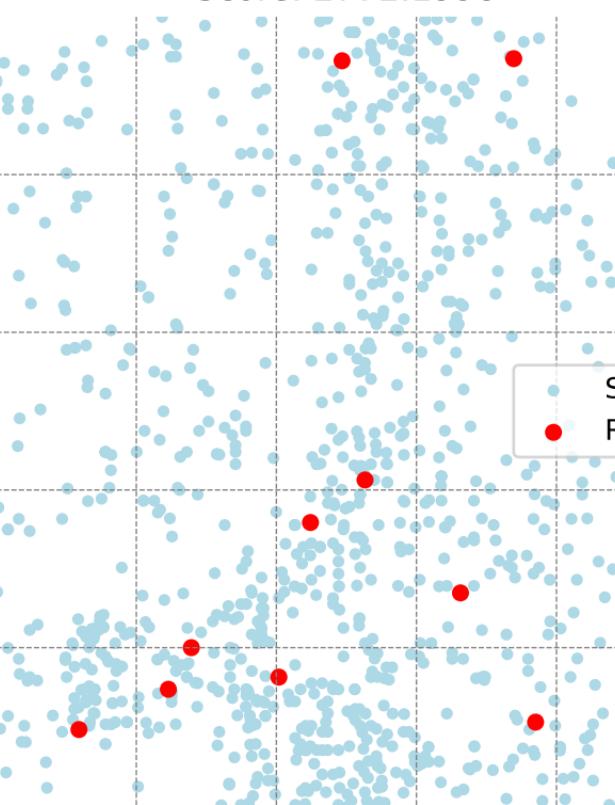
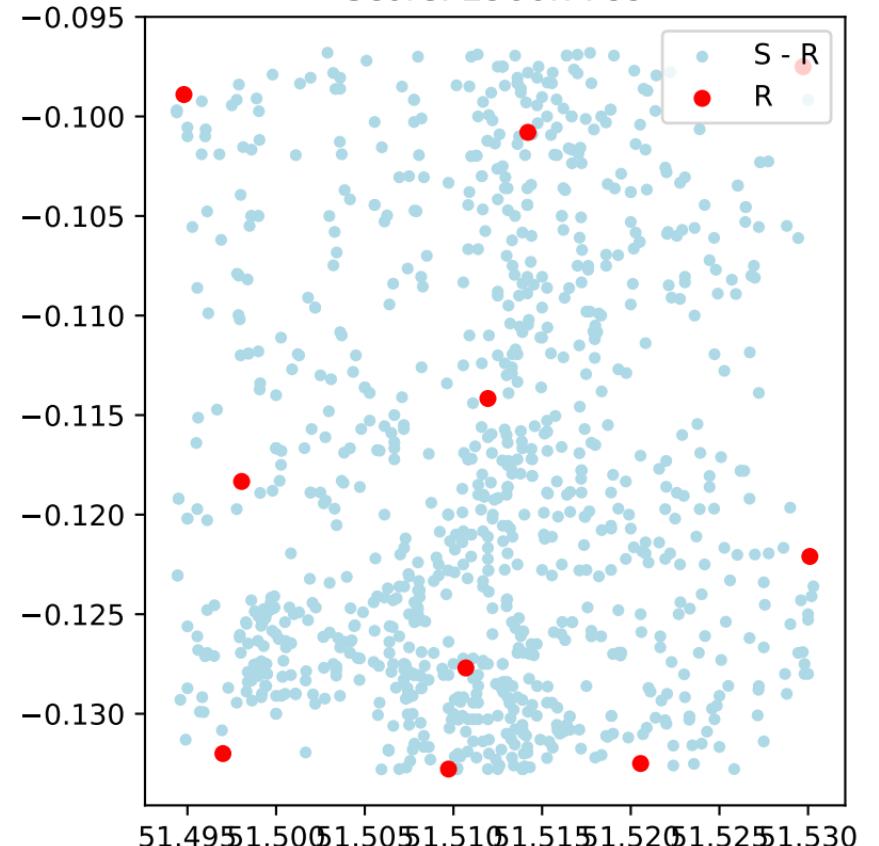


Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=10 | G=25 (5x5)

Baseline No R
Score: 2966.7789

Grid Sampling
Score: 2772.1998

Sampling
Score: 2841.3600



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=10 | G=100 (10x10)

Baseline No R

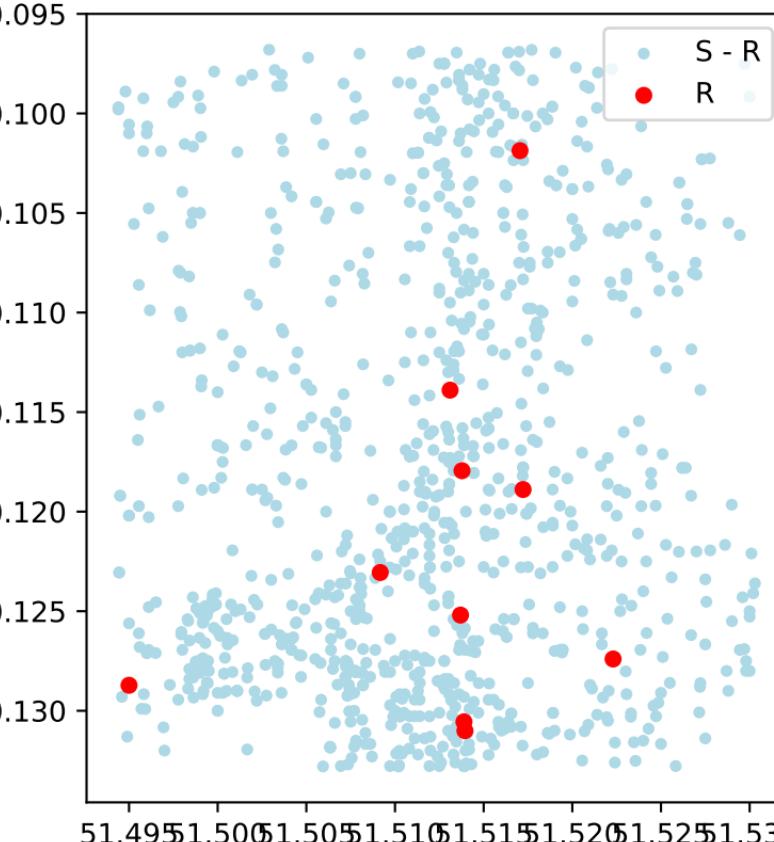
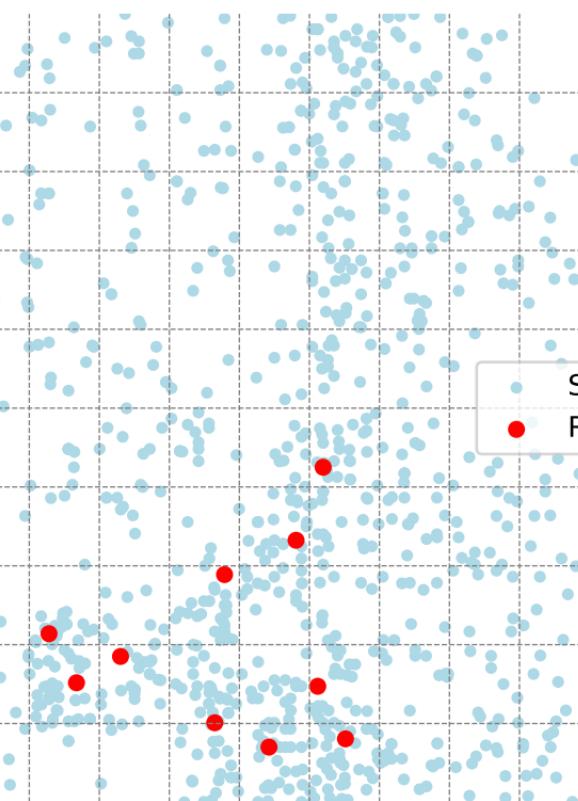
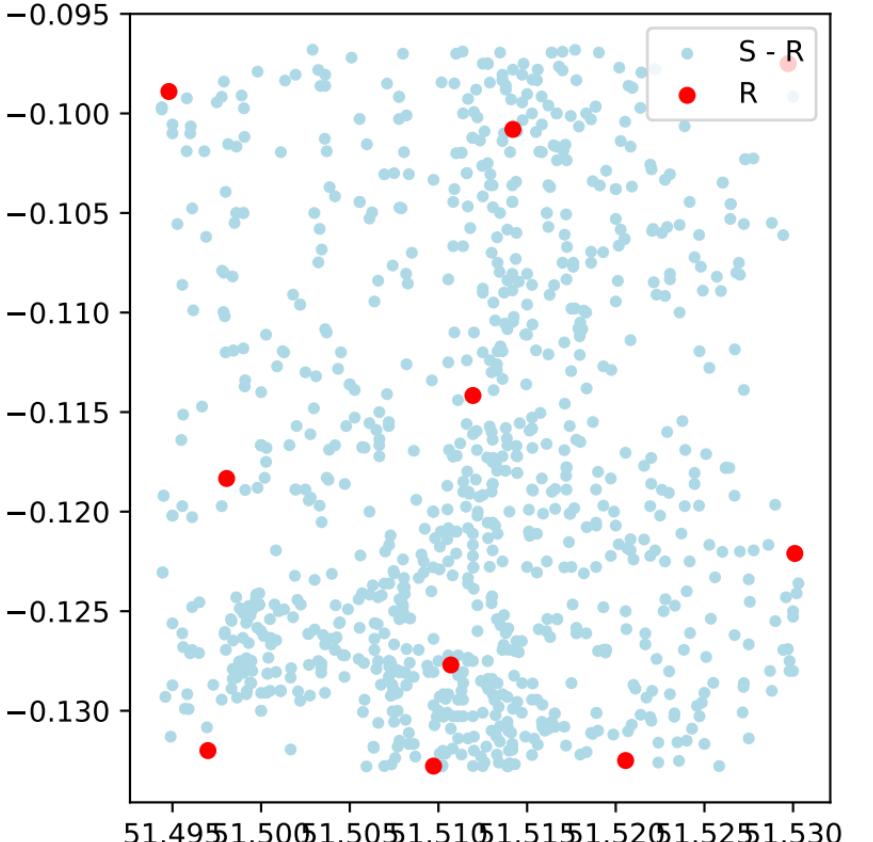
Score: 2966.7789

Undersampling

Score: 2127.5108

Oversampling

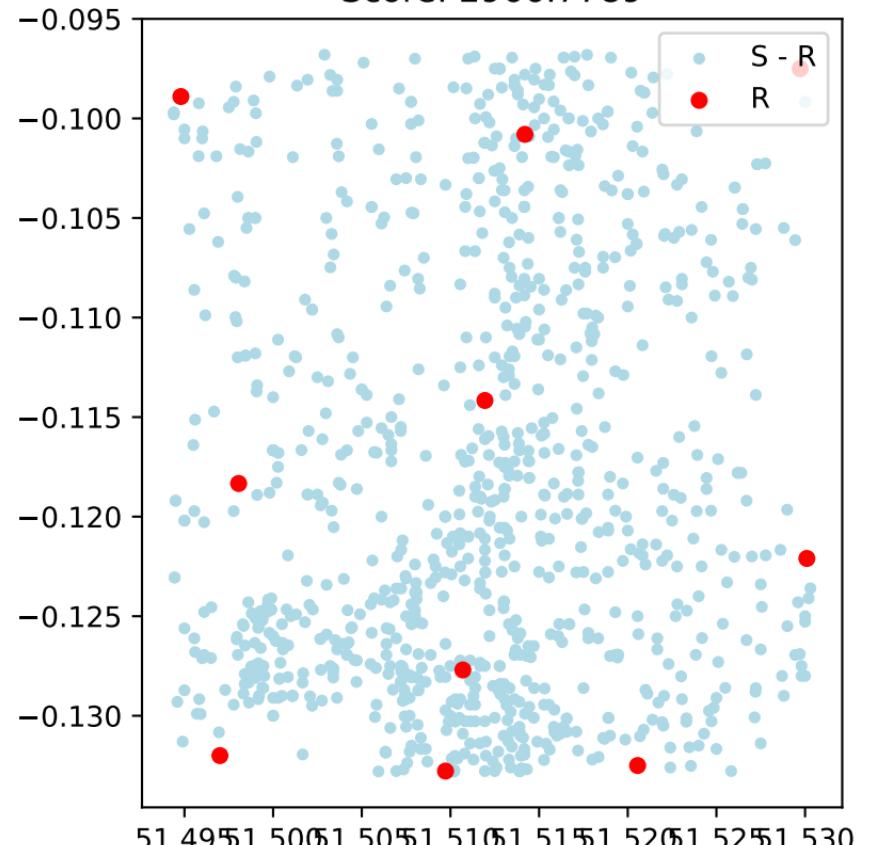
Score: 2610.9427



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=10 | G=256 (16x16)

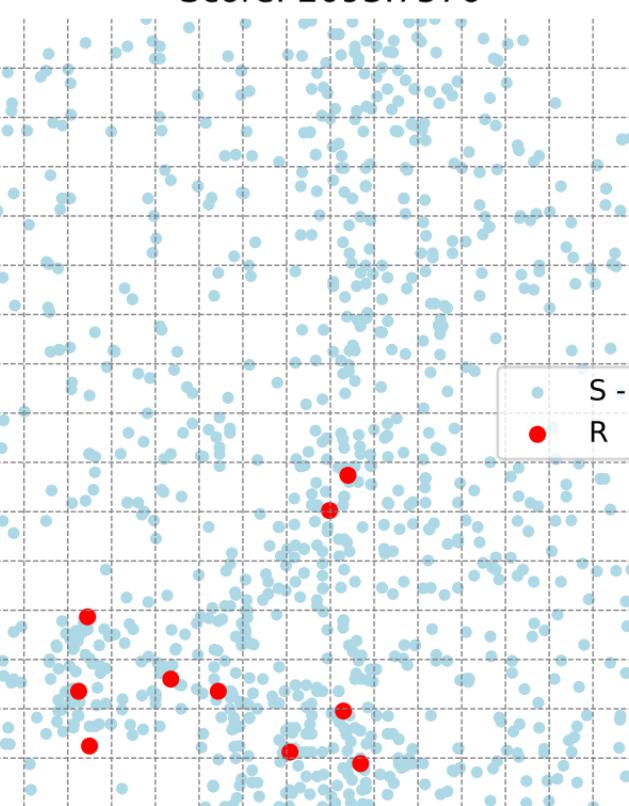
Baseline No R

Score: 2966.7789



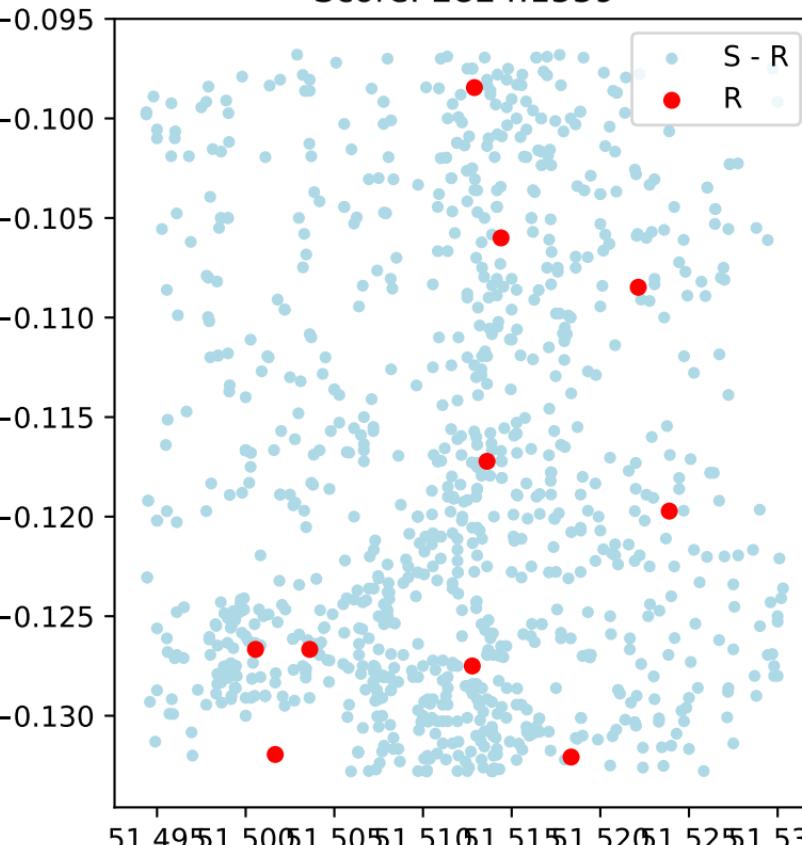
Undersampling

Score: 2093.7576



Oversampling

Score: 2824.1559

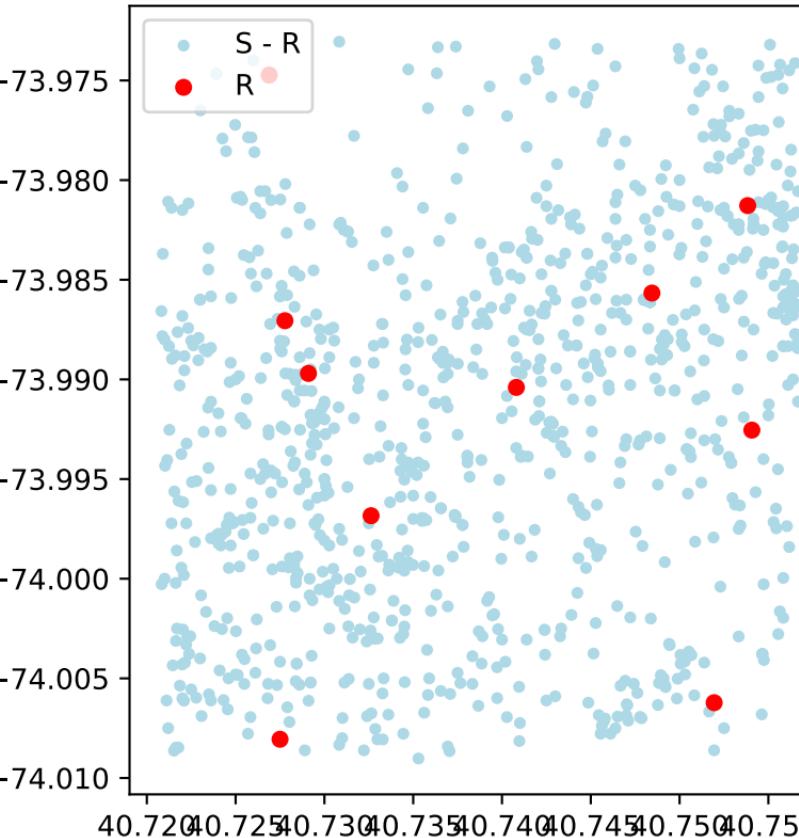
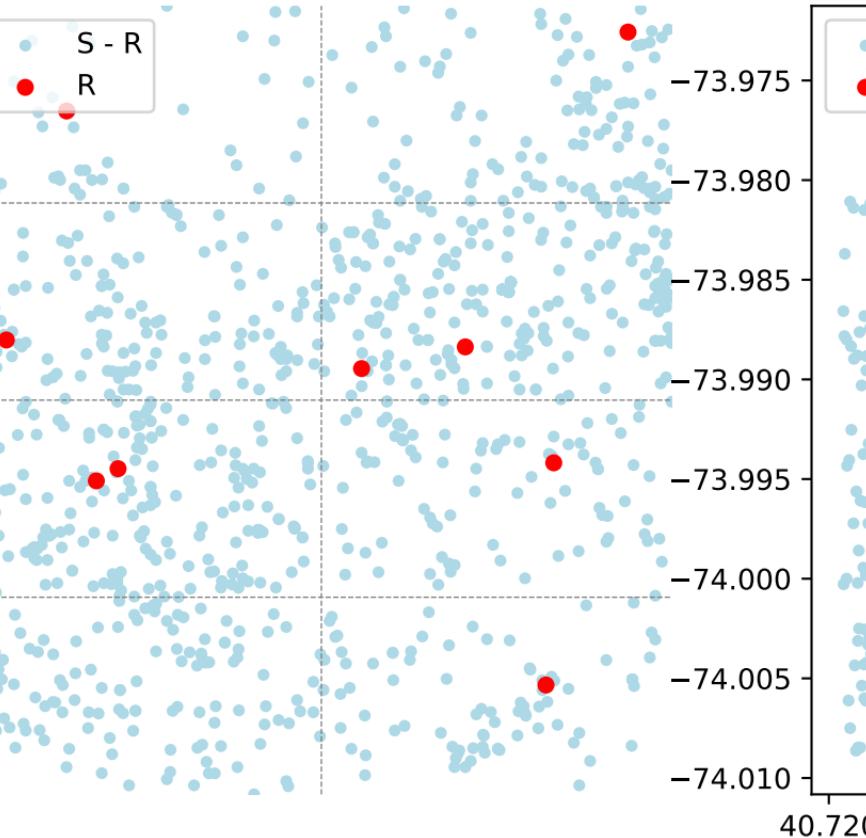
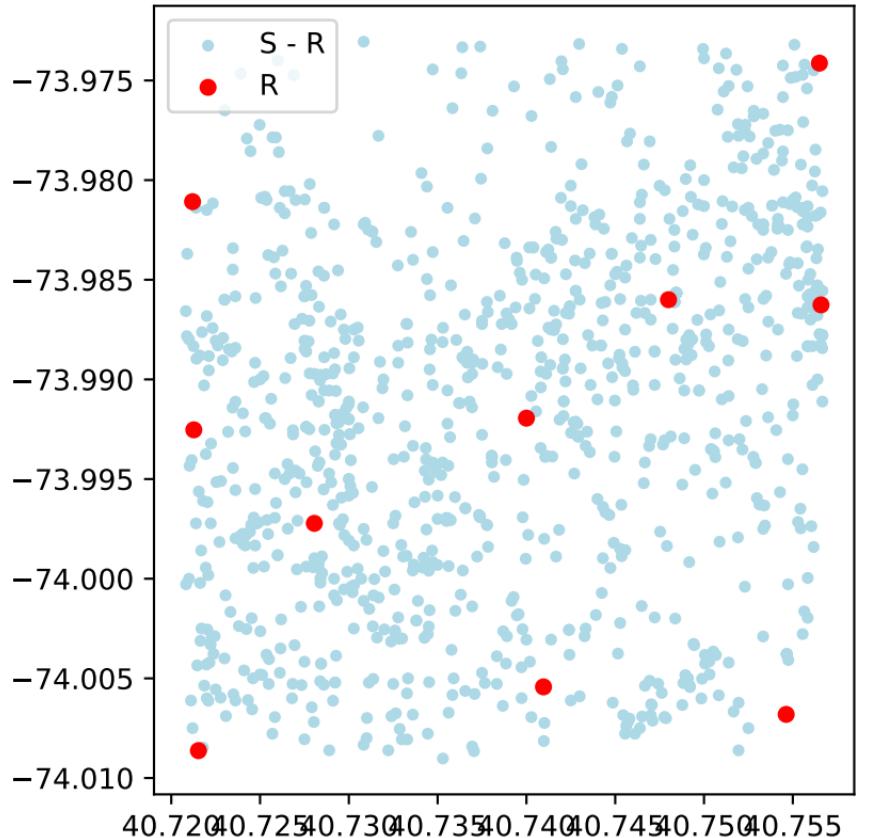


Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=10 | G=8 (2x4)

Base Fadu No R
Score: 2923.2971

Grid Sampling
Score: 2800.0356

Sampling
Score: 2850.0787



Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=10 | G=16 (4x4)

Baseline
No R

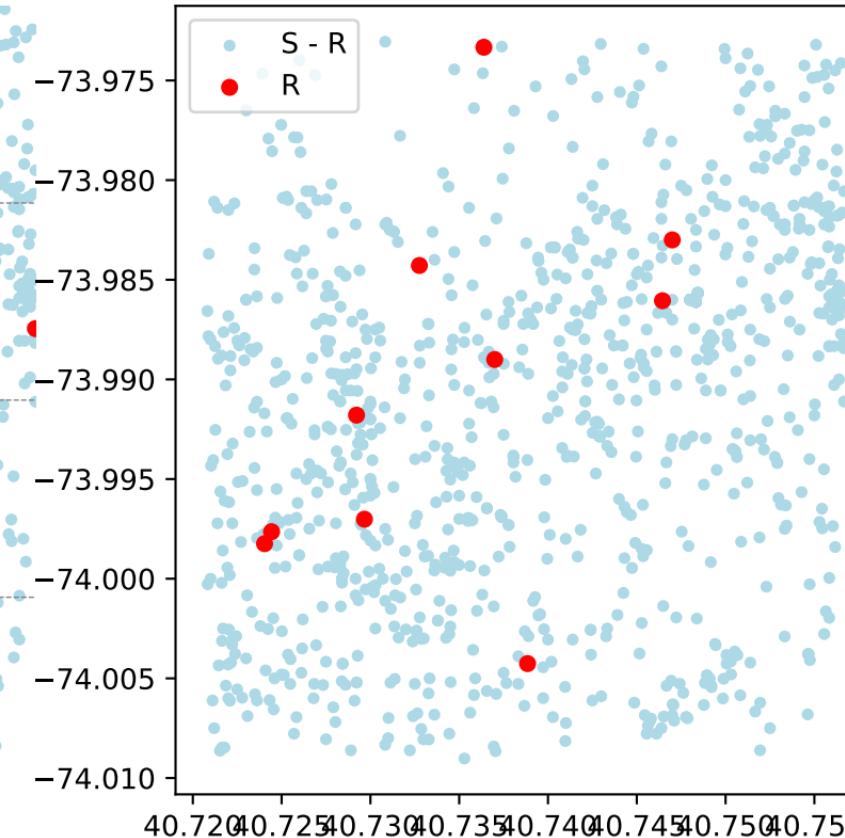
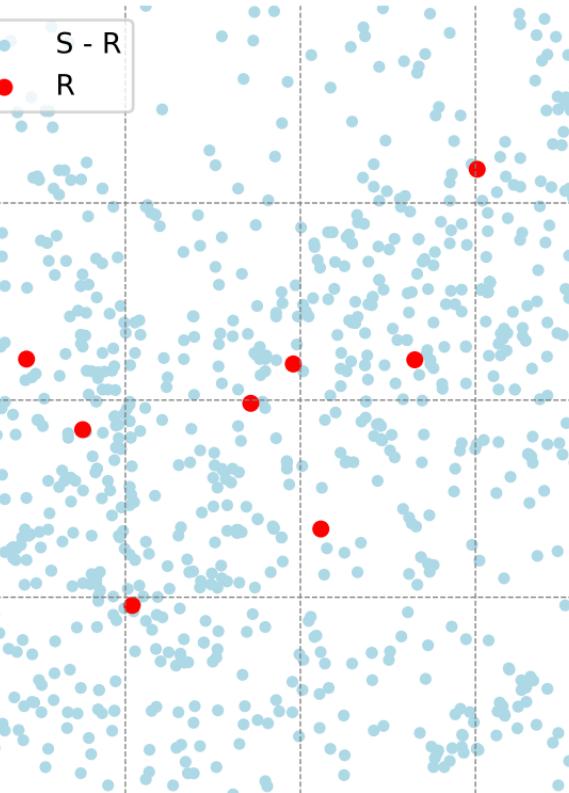
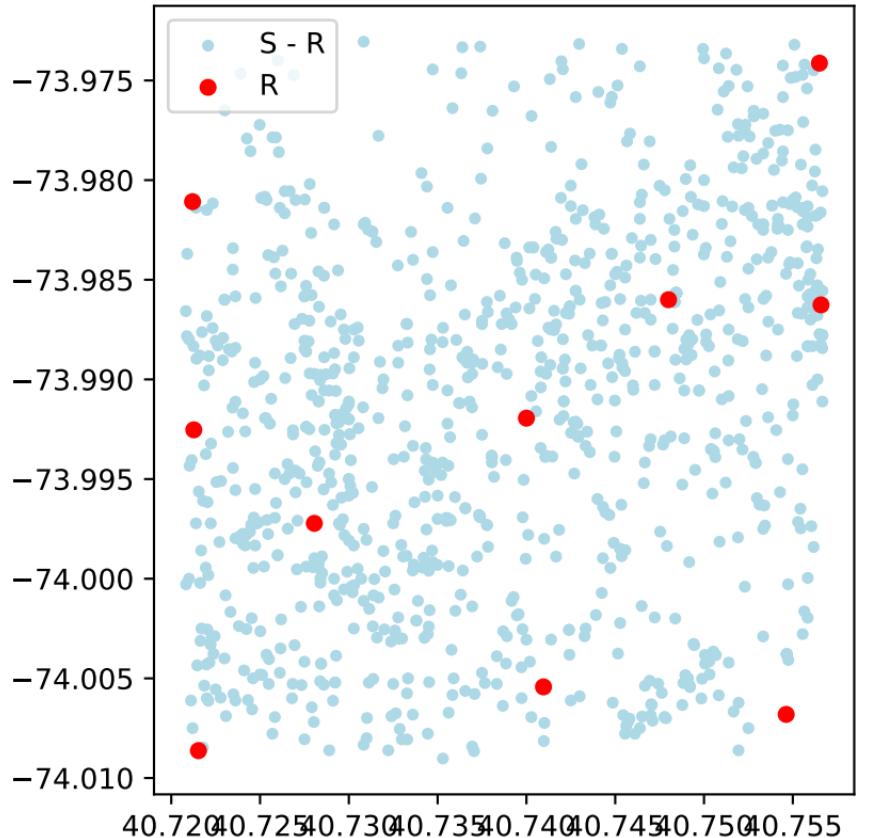
Score: 2923.2971

Grid Sampling

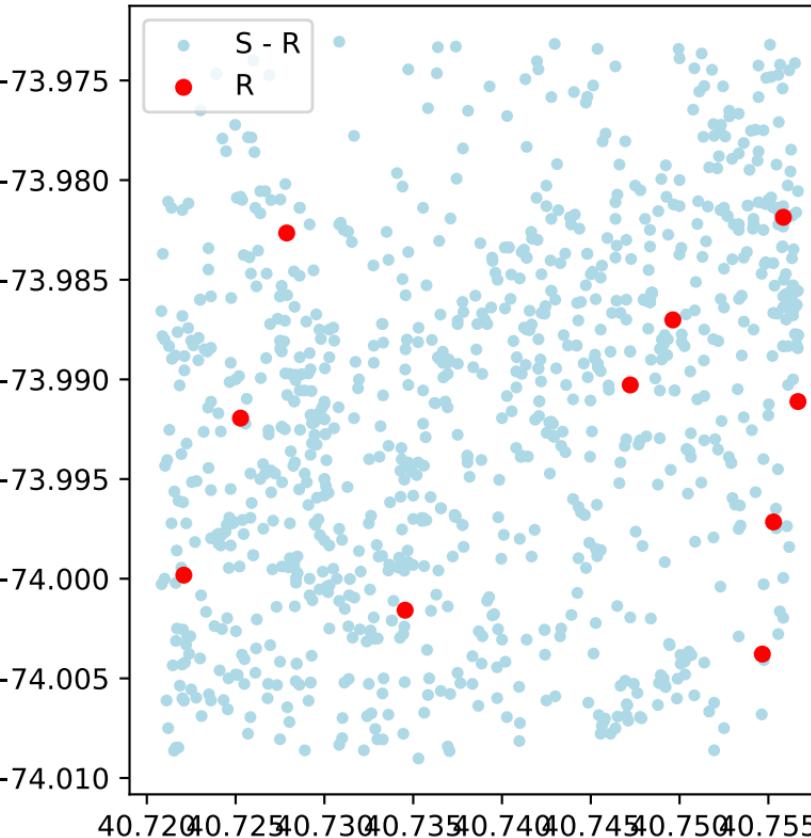
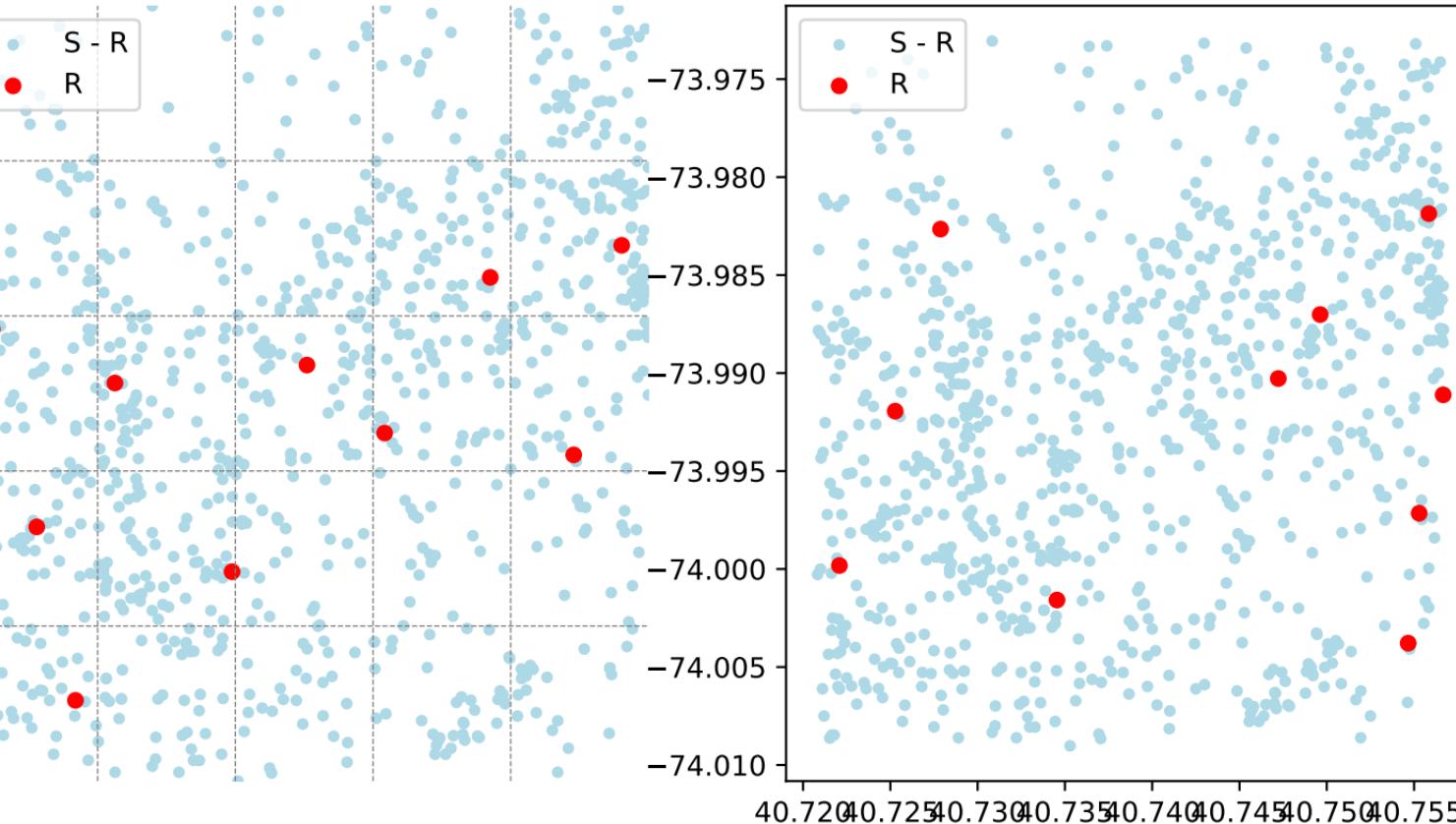
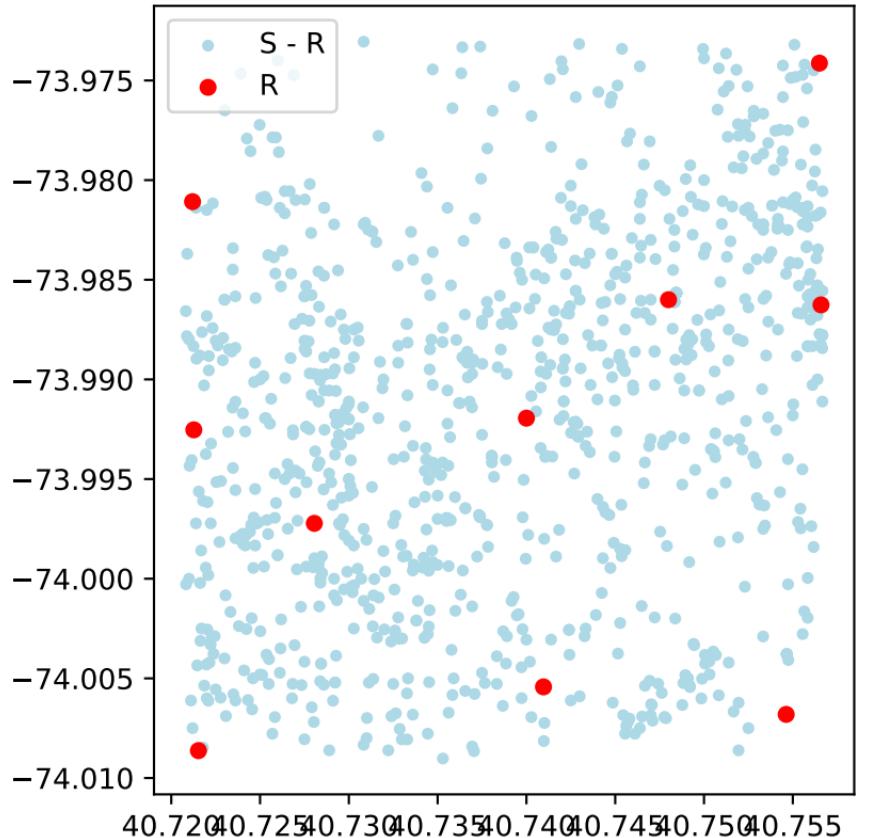
Score: 2698.6633

Sampling

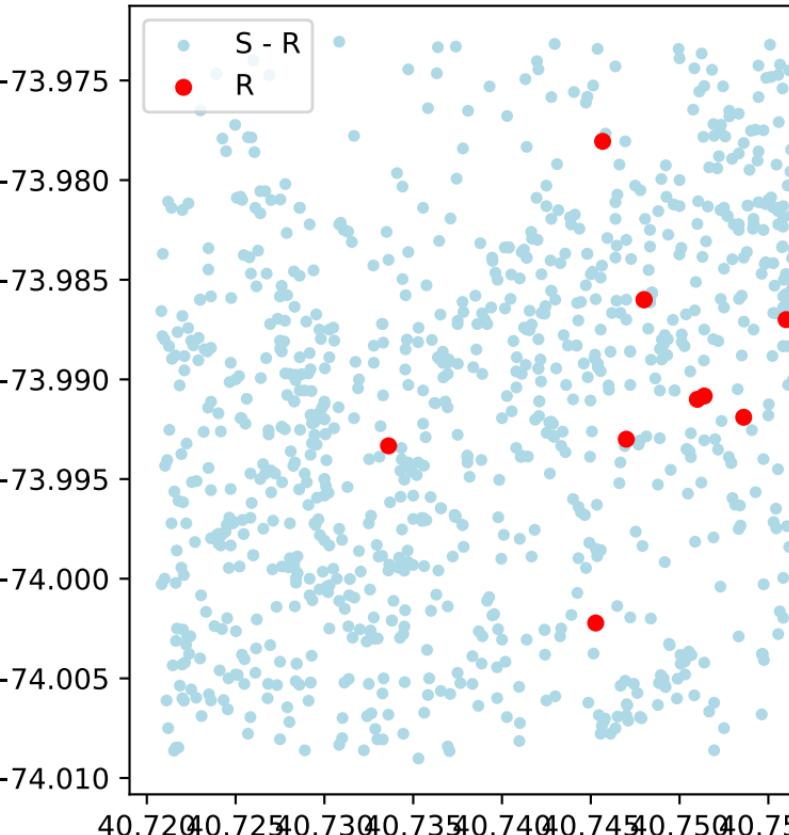
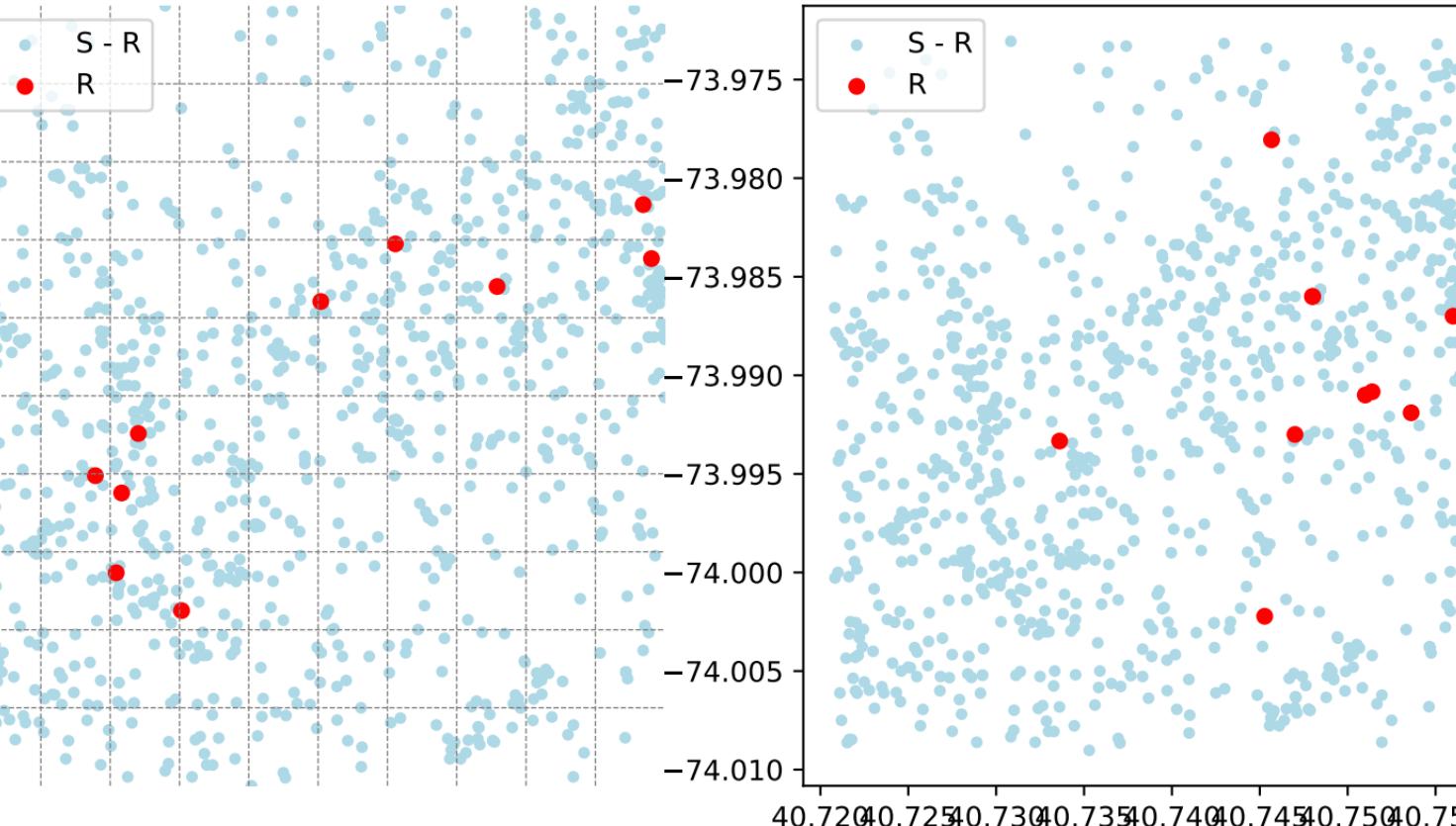
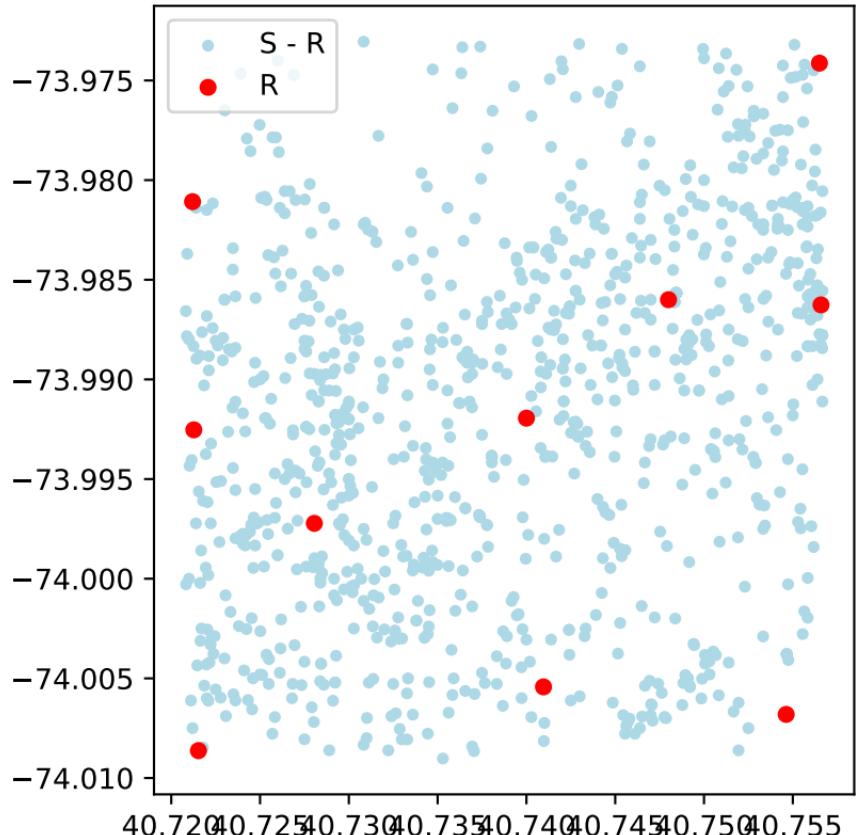
Score: 2584.1277



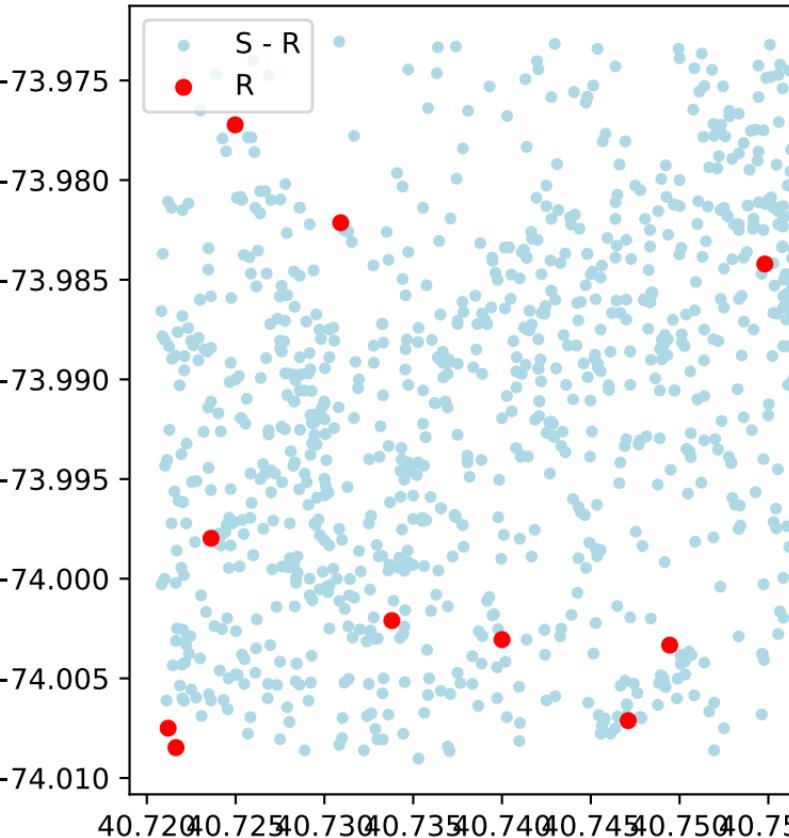
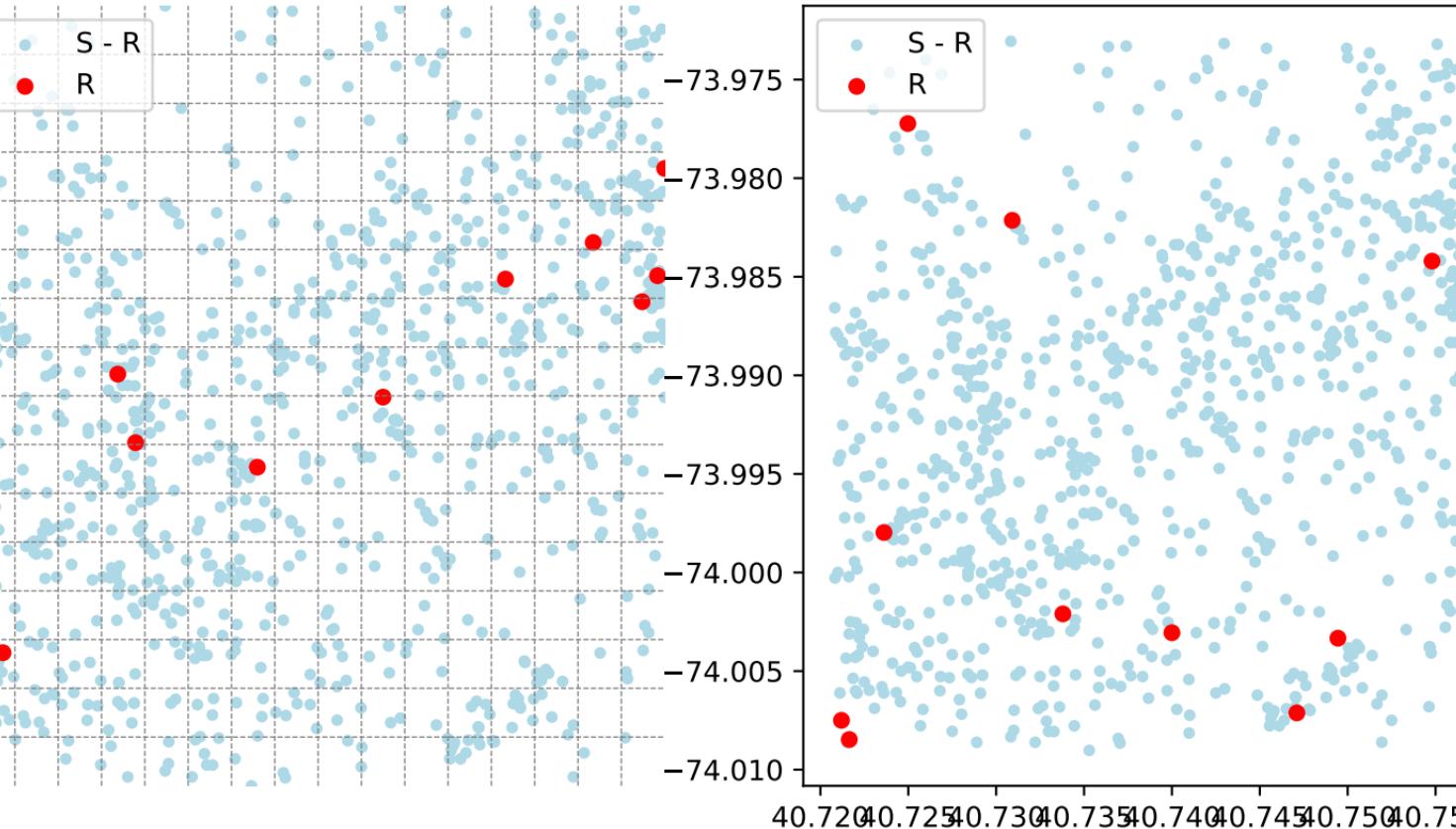
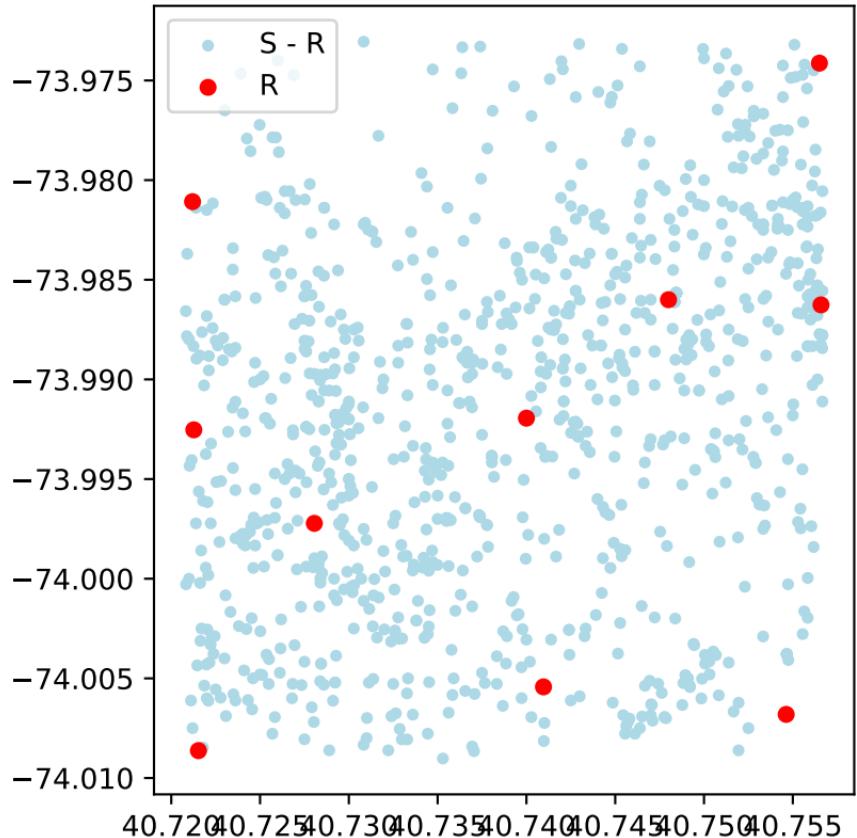
Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=10 | G=25 (5x5)
Baseline No R
Score: 2923.2971

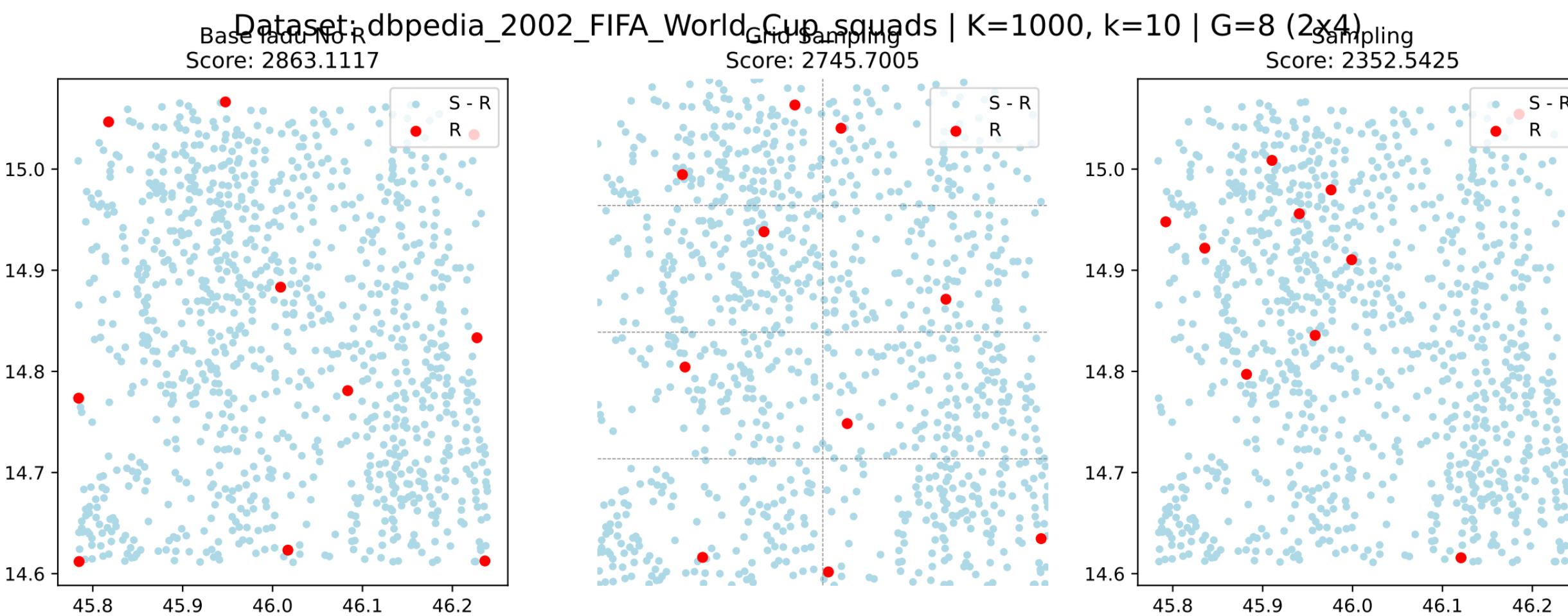


Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=10 | G=100 (10x10)
Baseline No R | Undersampling | Ours Sampling
Score: 2923.2971 Score: 2676.0115 Score: 2058.6730



Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=10 | G=256 (16x16)
Baseline No R | Undersampling | Ours Sampling
Score: 2923.2971 Score: 2638.0328 Score: 2605.5375





Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=10 | G=16 (4x4)

Baseline No R

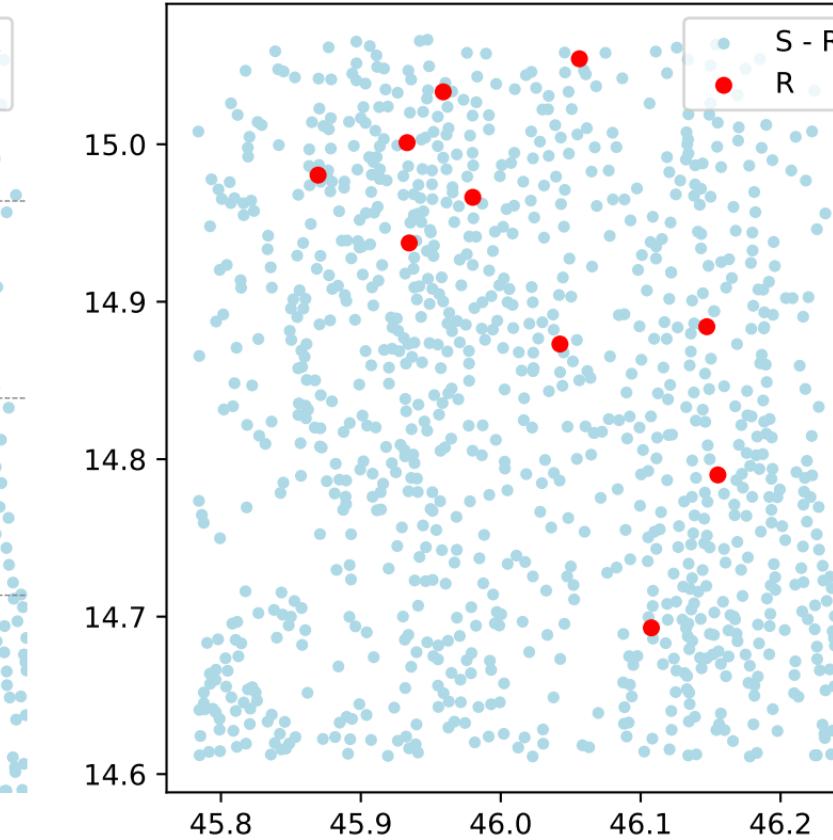
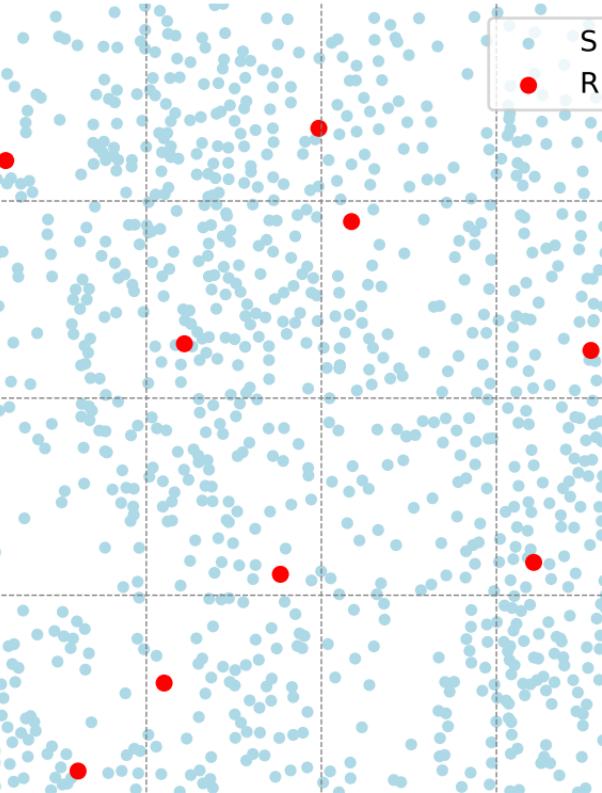
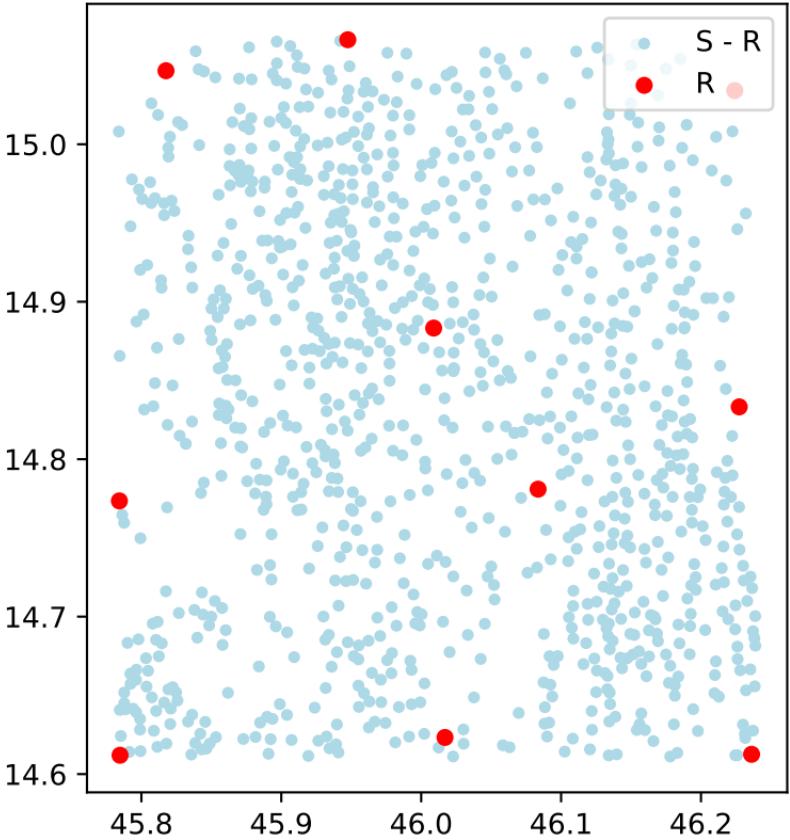
Score: 2863.1117

Grid Sampling

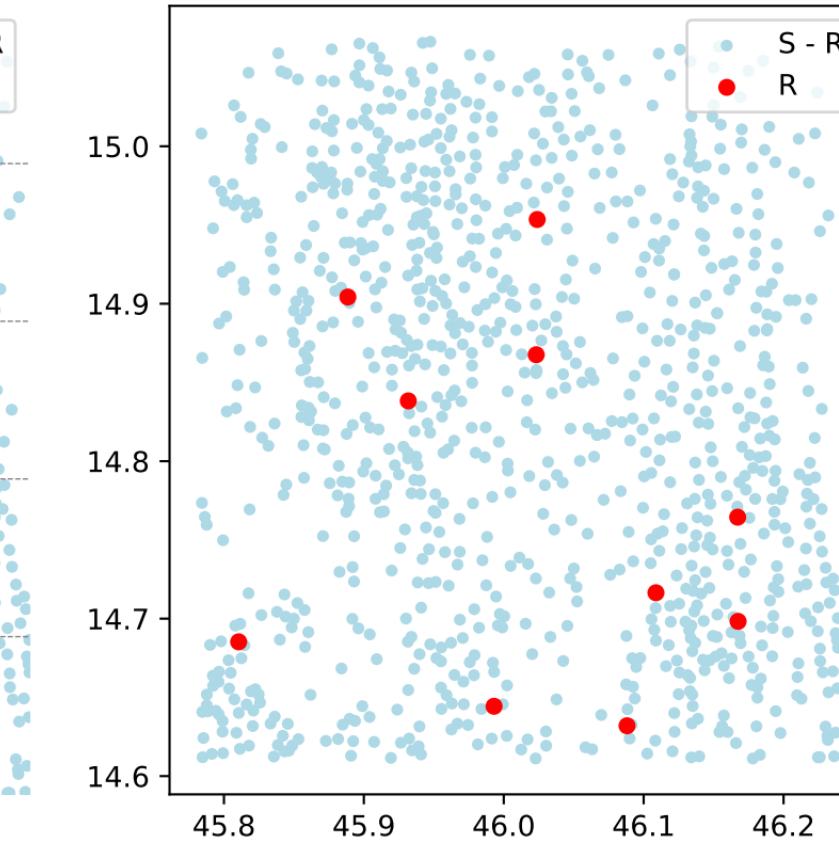
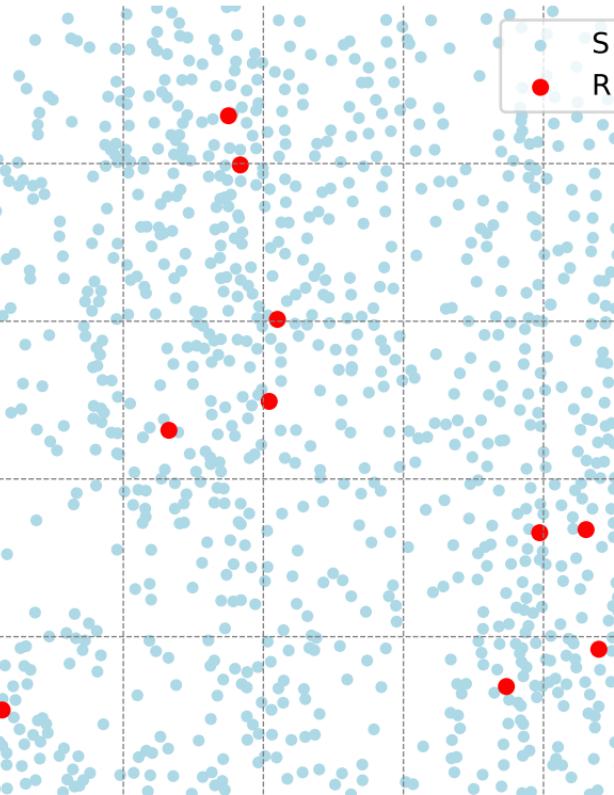
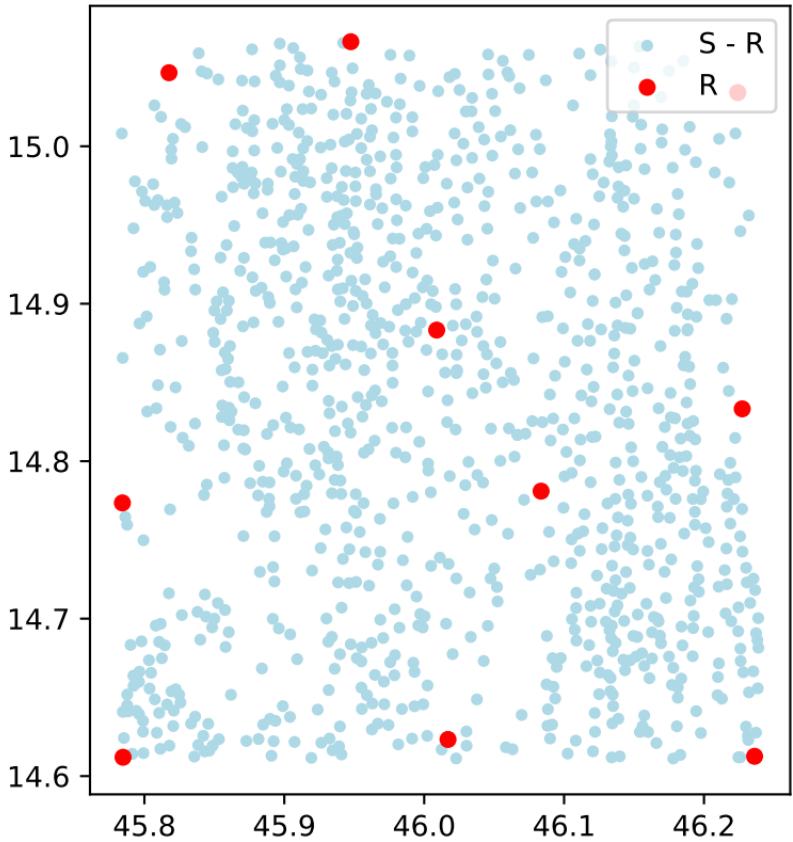
Score: 2745.9602

Sampling

Score: 2303.1828



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=10 | G=25 (5x5)
Baseline No R | Grid Sampling | Sampling
Score: 2863.1117 Score: 2646.4195 Score: 2539.4629



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=10 | G=100 (10x10)

Baseline

No R

Score: 2863.1117

Undersampling

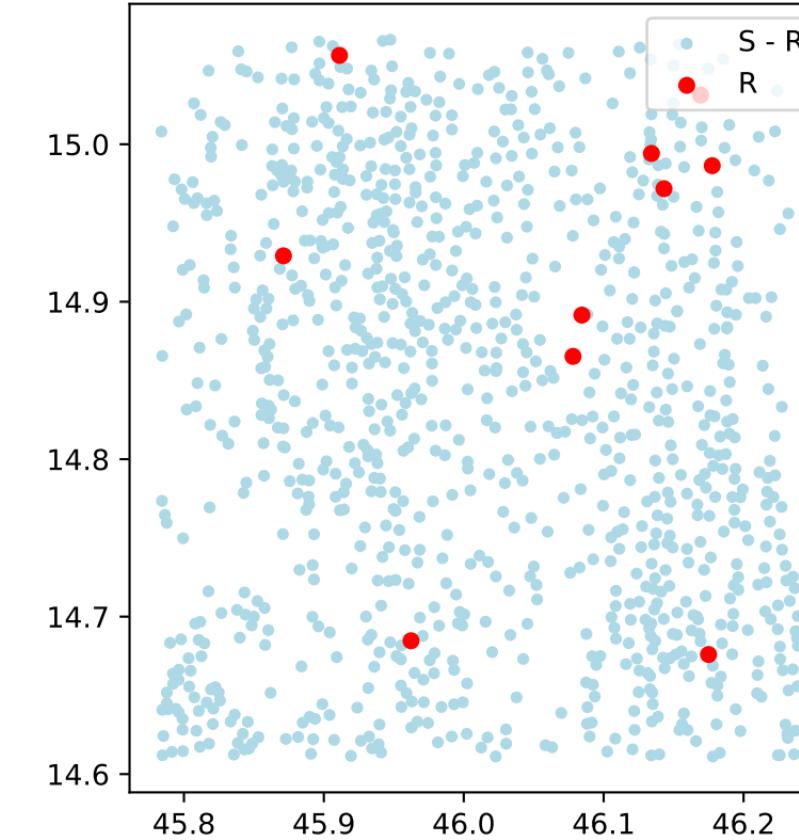
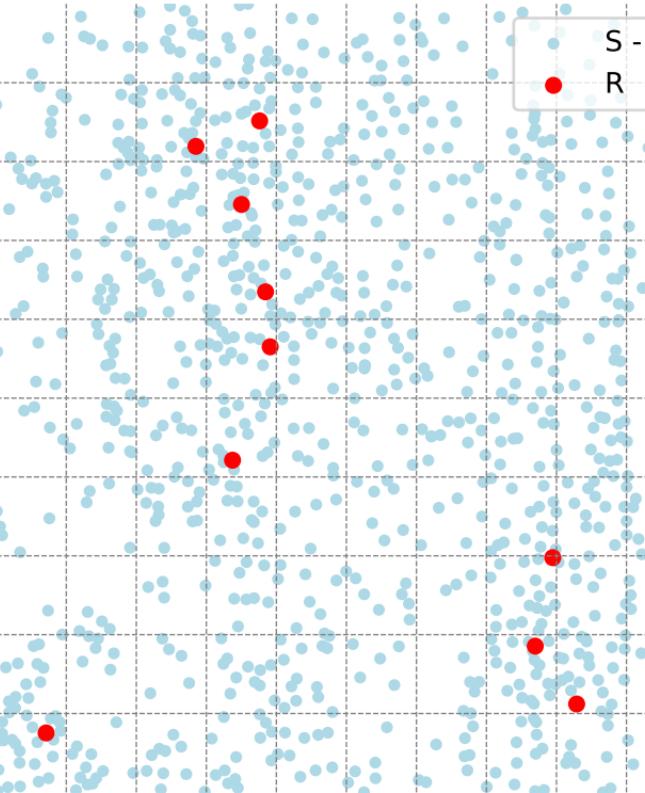
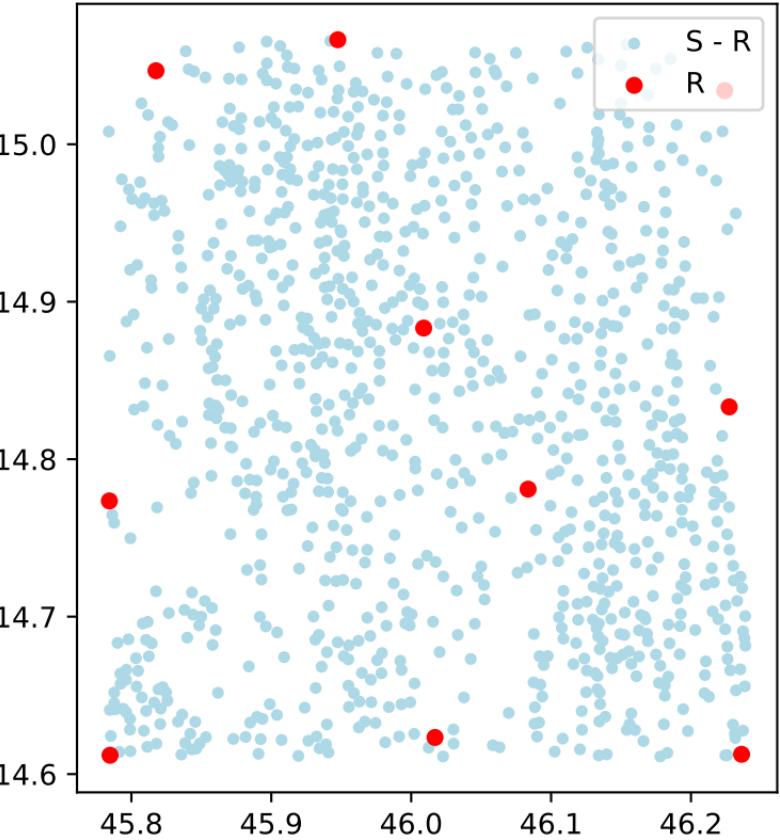
Sampling

Score: 2615.0170

Oversampling

Sampling

Score: 2334.9212



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=10 | G=256 (16x16)

Baseline

No R

Score: 2863.1117

Undersampling

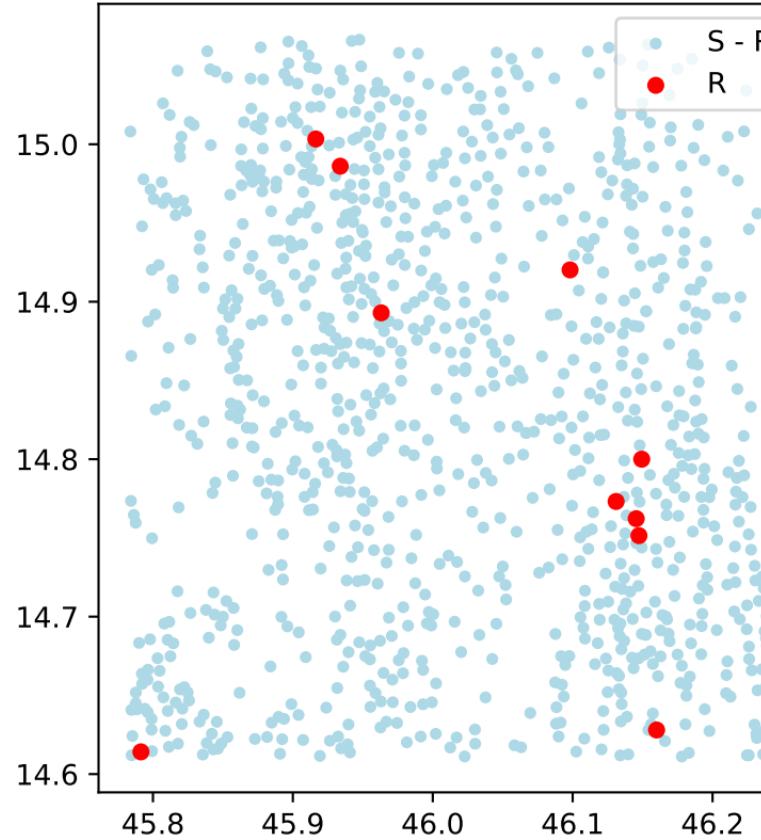
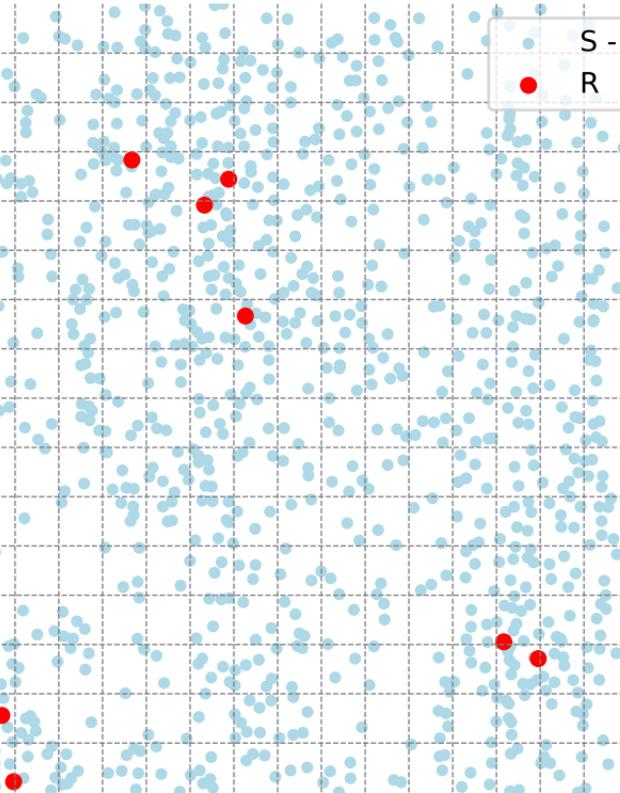
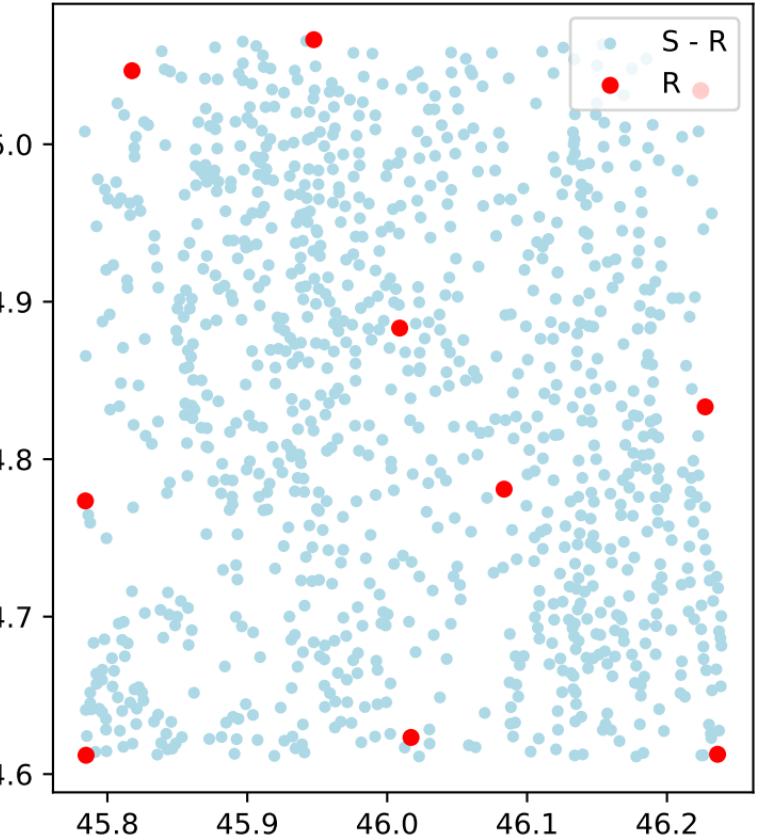
Sampling

Score: 2666.5442

Oversampling

Sampling

Score: 2600.3910

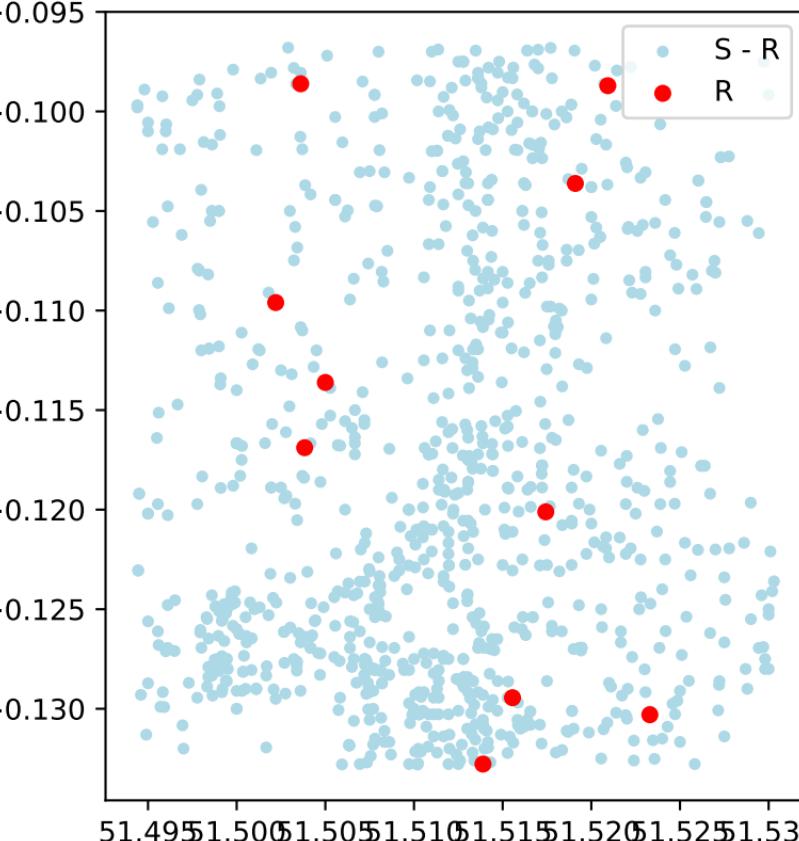
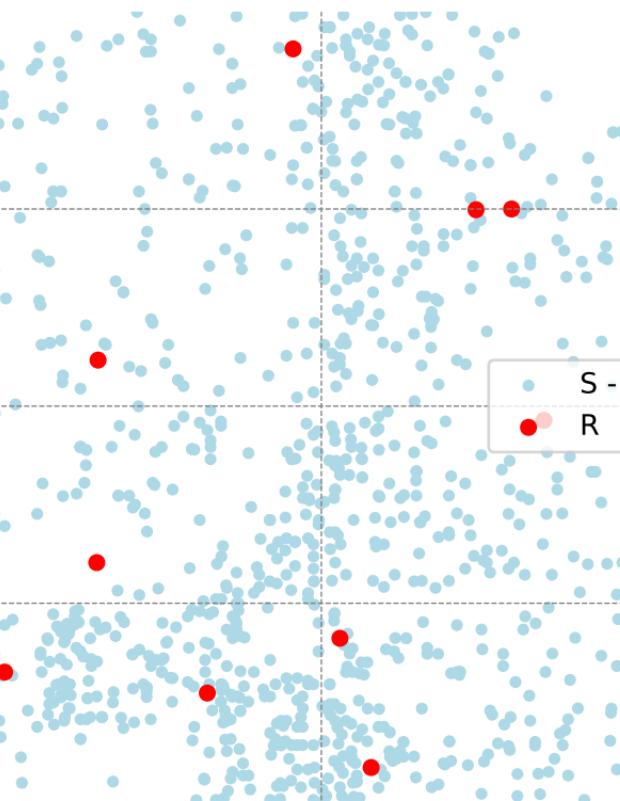
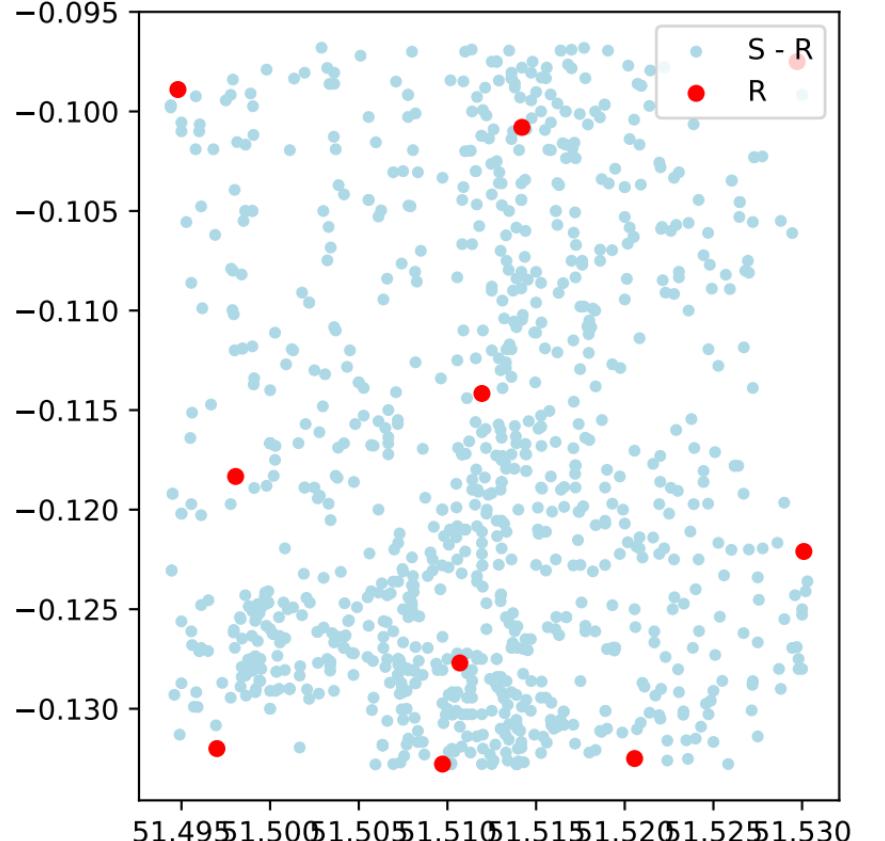


Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=10 | G=8 (2x4)

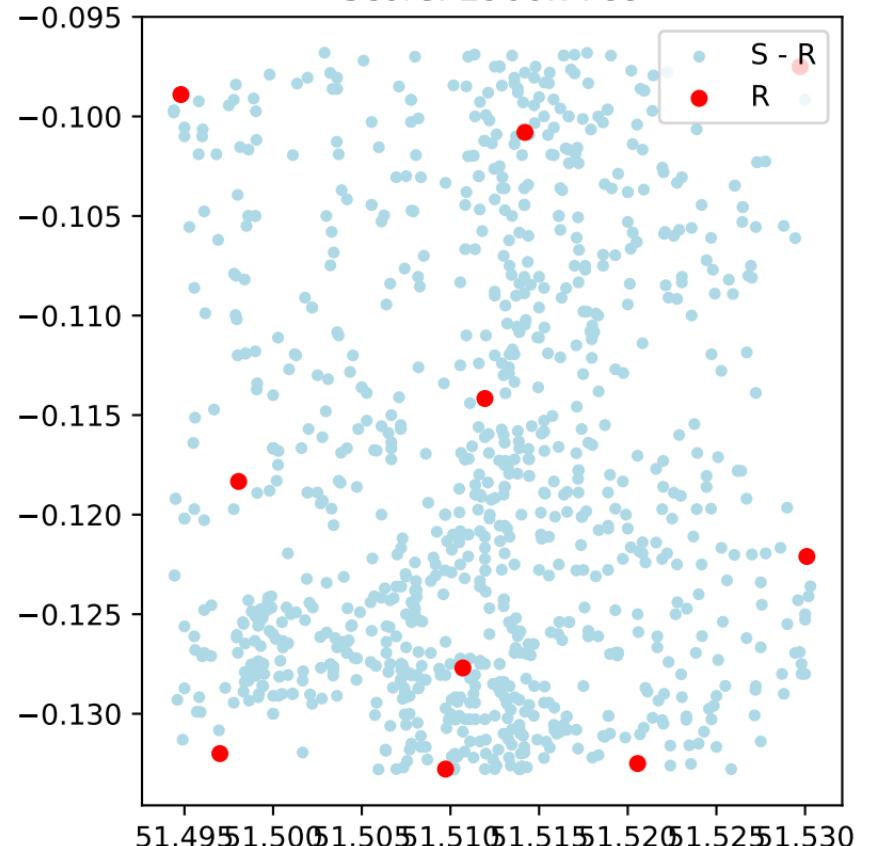
Base Iadu No R
Score: 2966.7789

Grid Sampling
Score: 2844.1142

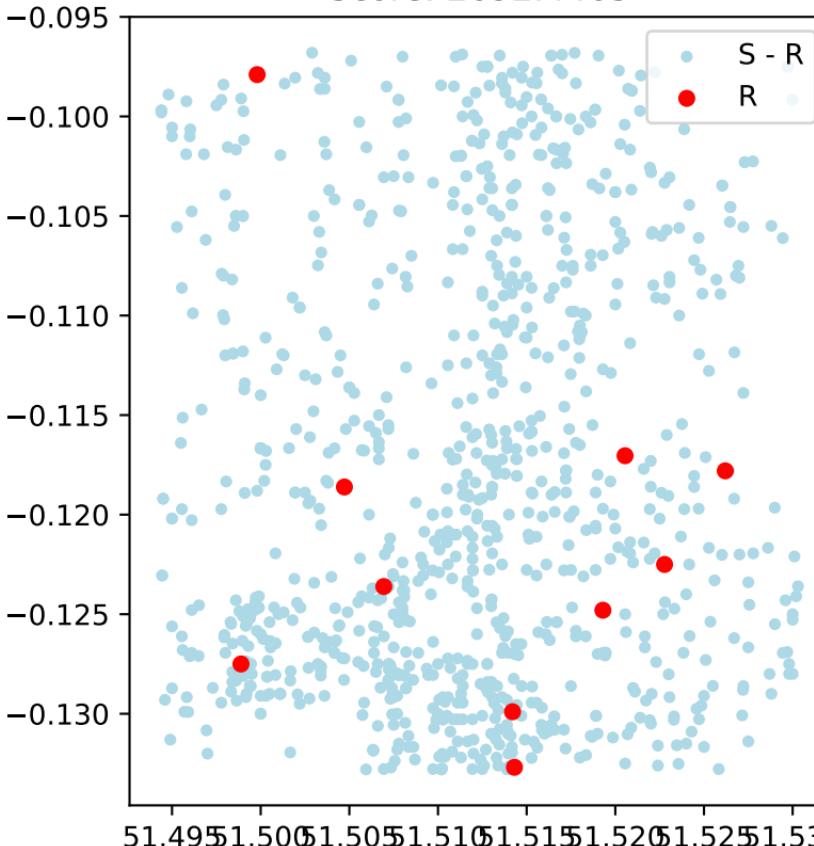
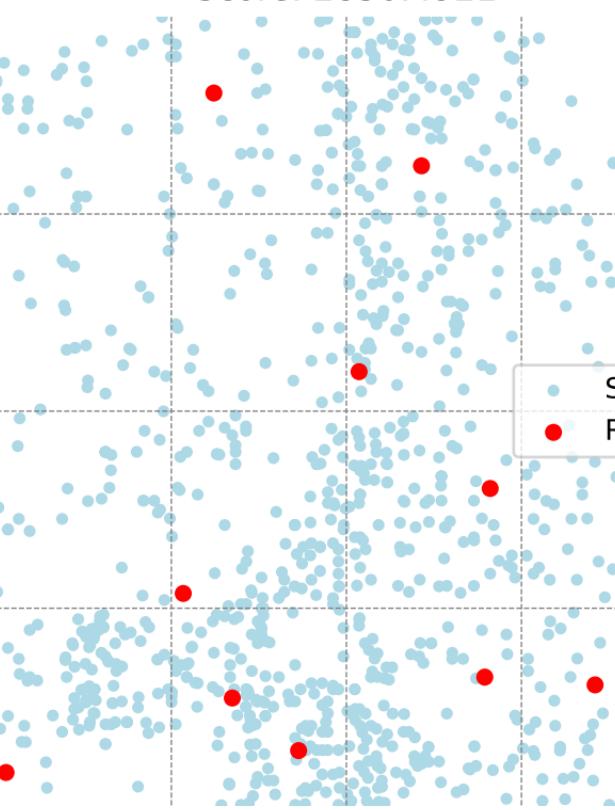
Sampling
Score: 2789.5262



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=10 | G=16 (4x4)



Grid Sampling
Score: 2830.4921



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=10 | G=25 (5x5)

Baseline No R

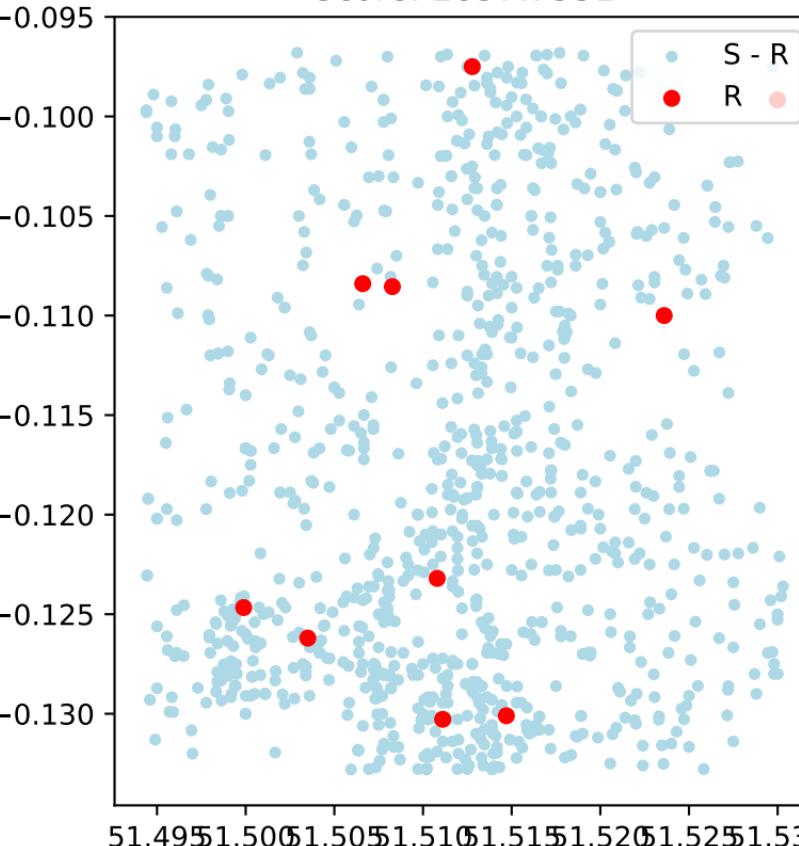
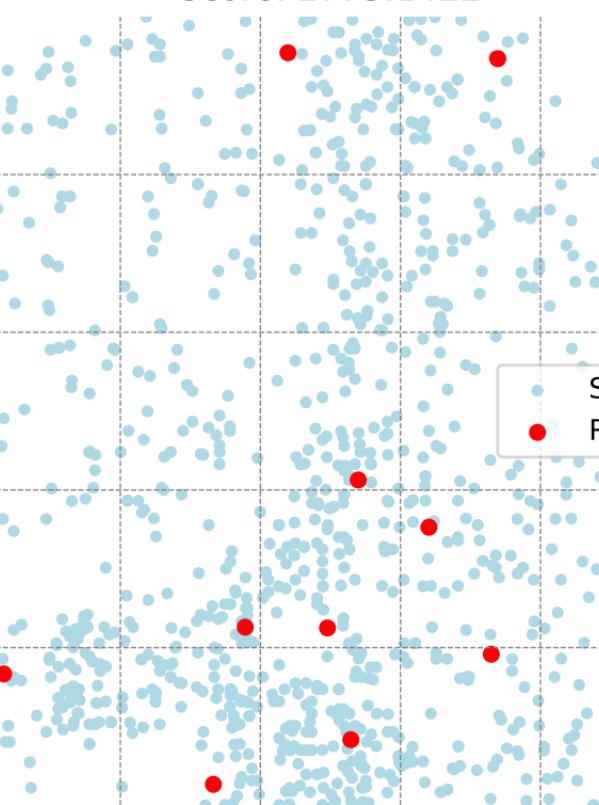
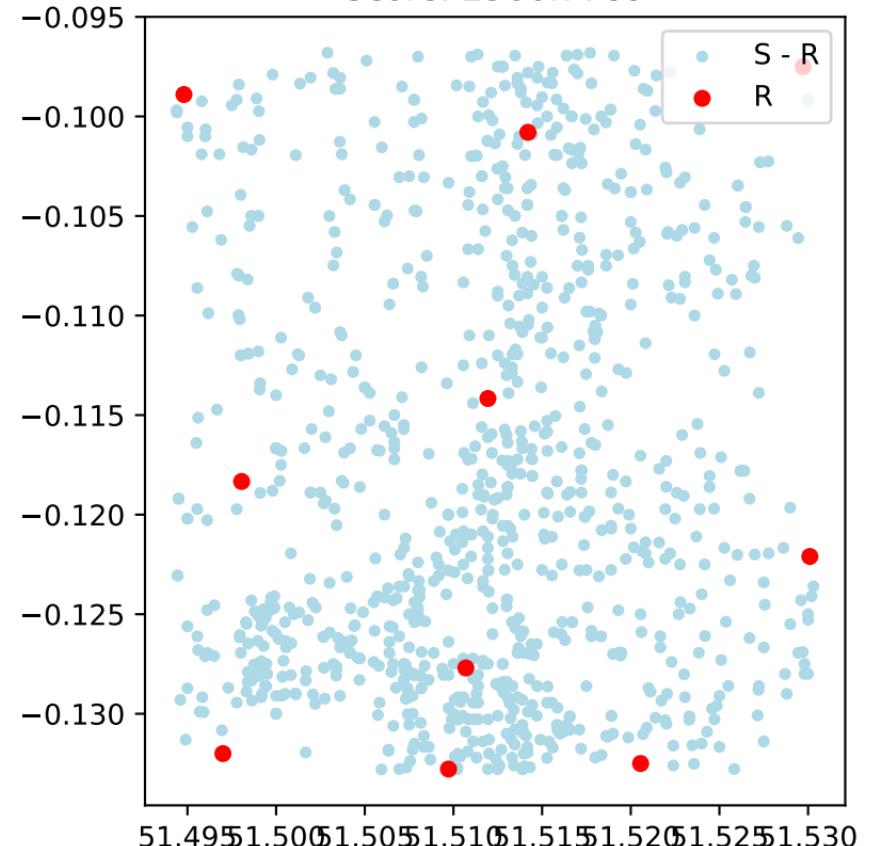
Score: 2966.7789

Grid Sampling

Score: 2775.1422

Sampling

Score: 2837.7531



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=10 | G=100 (10x10)

Baseline No R

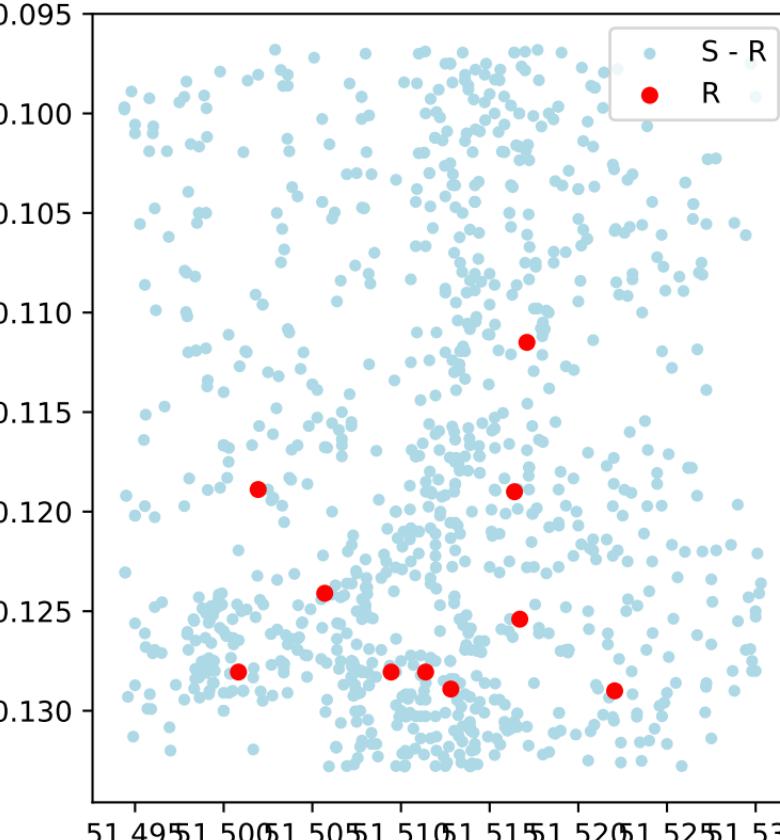
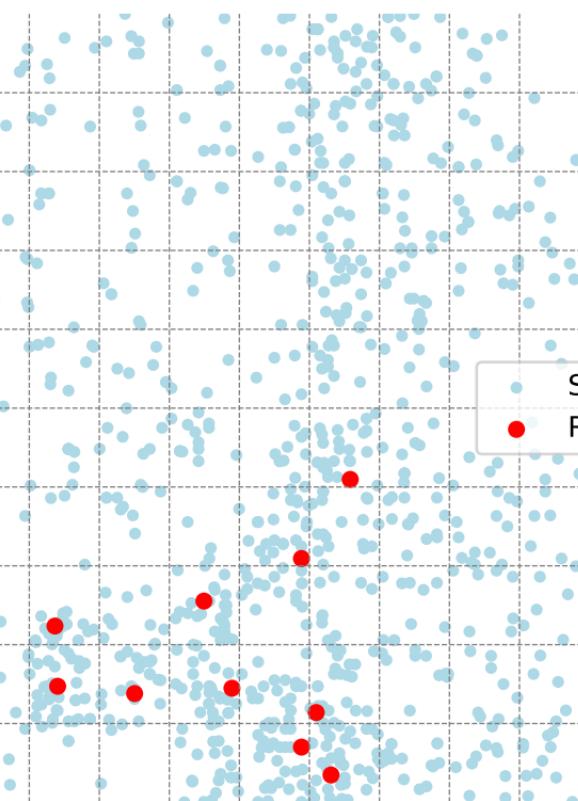
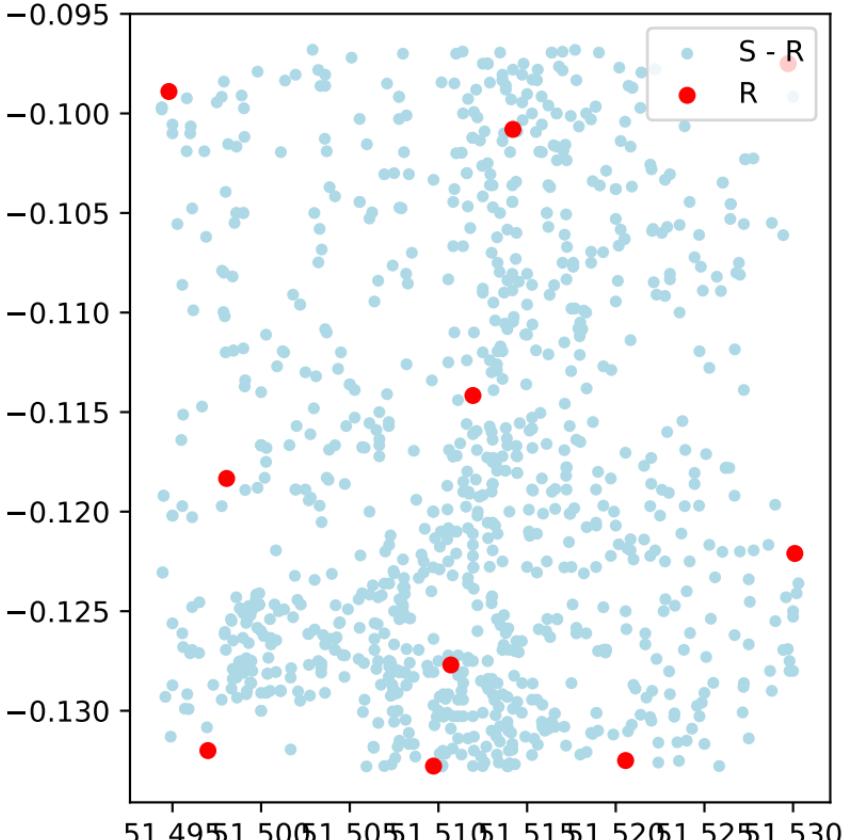
Score: 2966.7789

UndSampling

Score: 2099.8337

Sampling

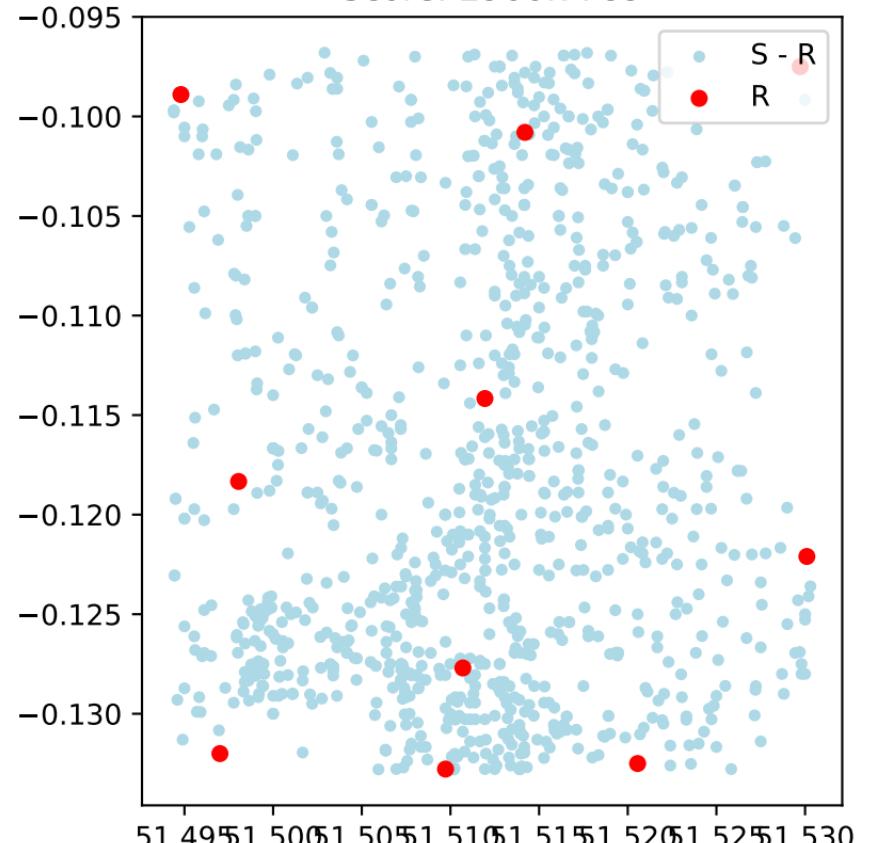
Score: 2429.3083



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=10 | G=256 (16x16)

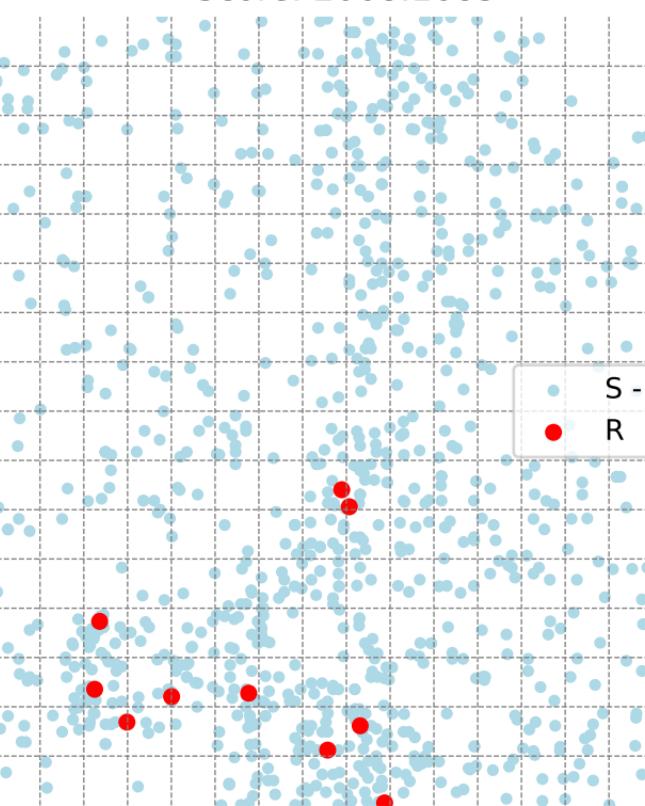
Baseline No R

Score: 2966.7789



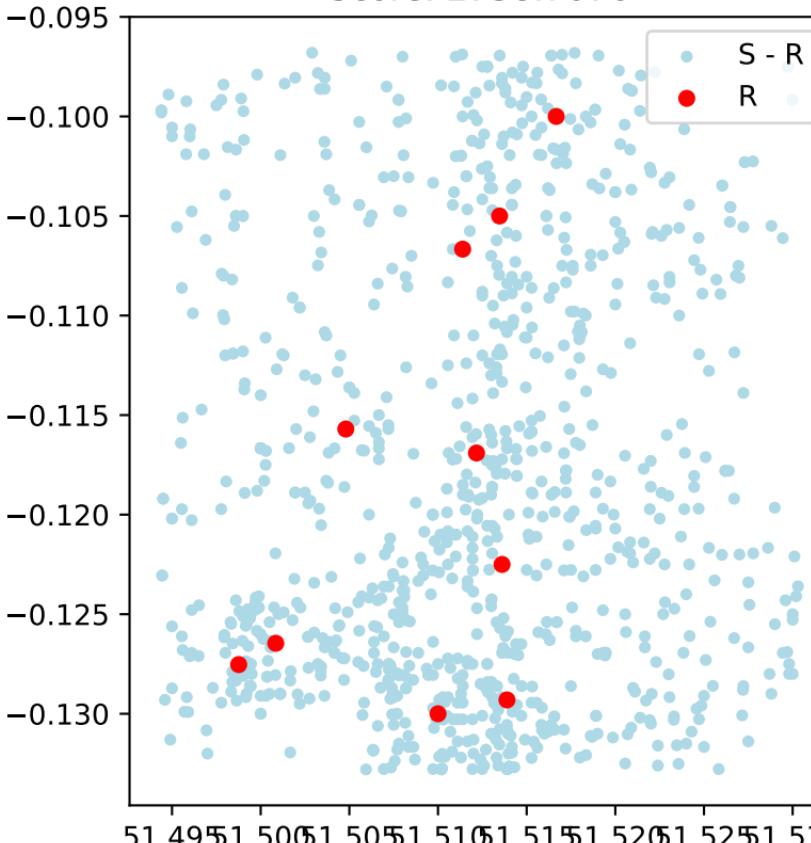
Undersampling

Score: 2068.1683



Oversampling

Score: 2738.7076

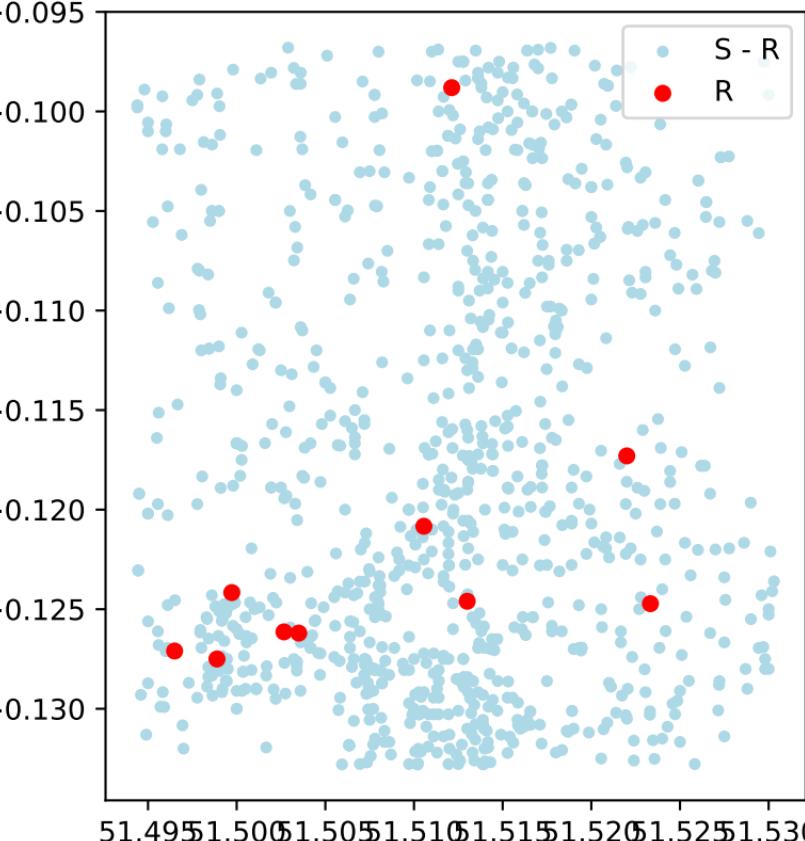
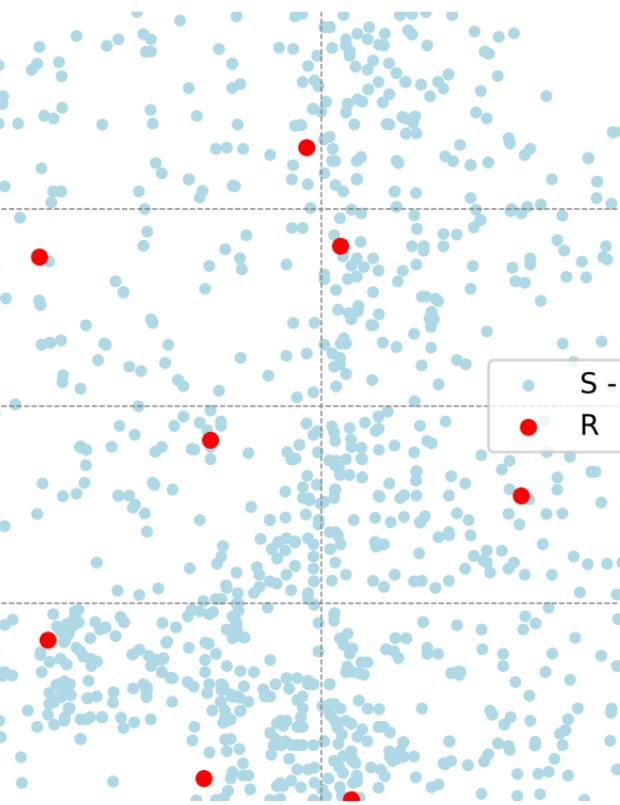
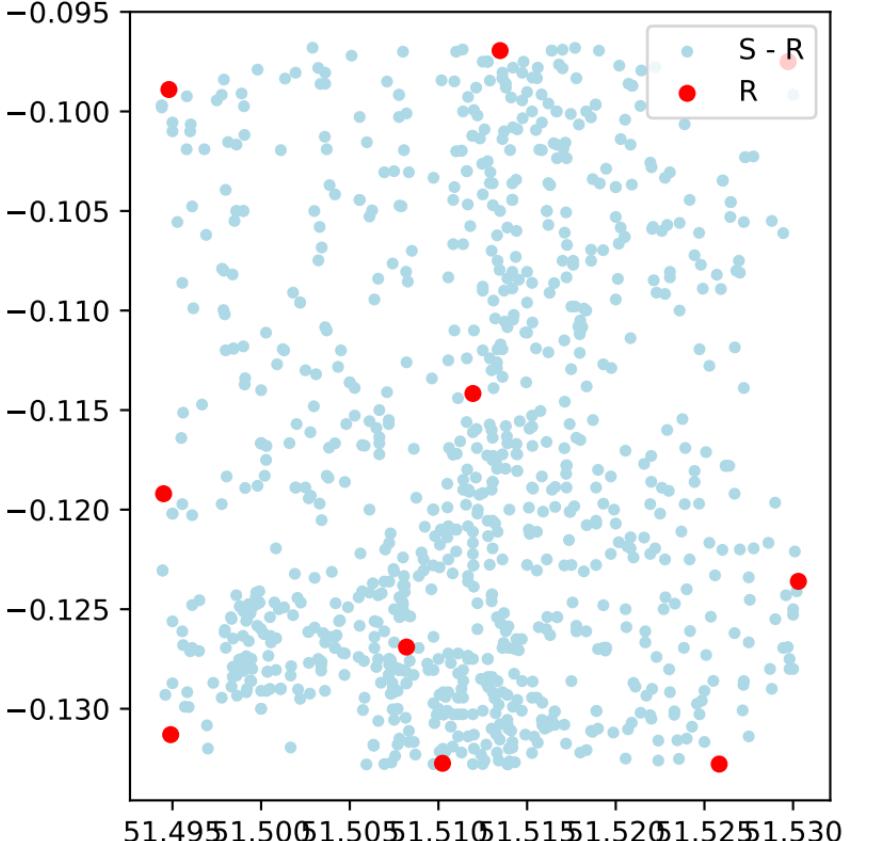


Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=10 | G=8 (2x4)

Base Iafu No R
Score: 2568.9870

Grid Sampling
Score: 2399.8782

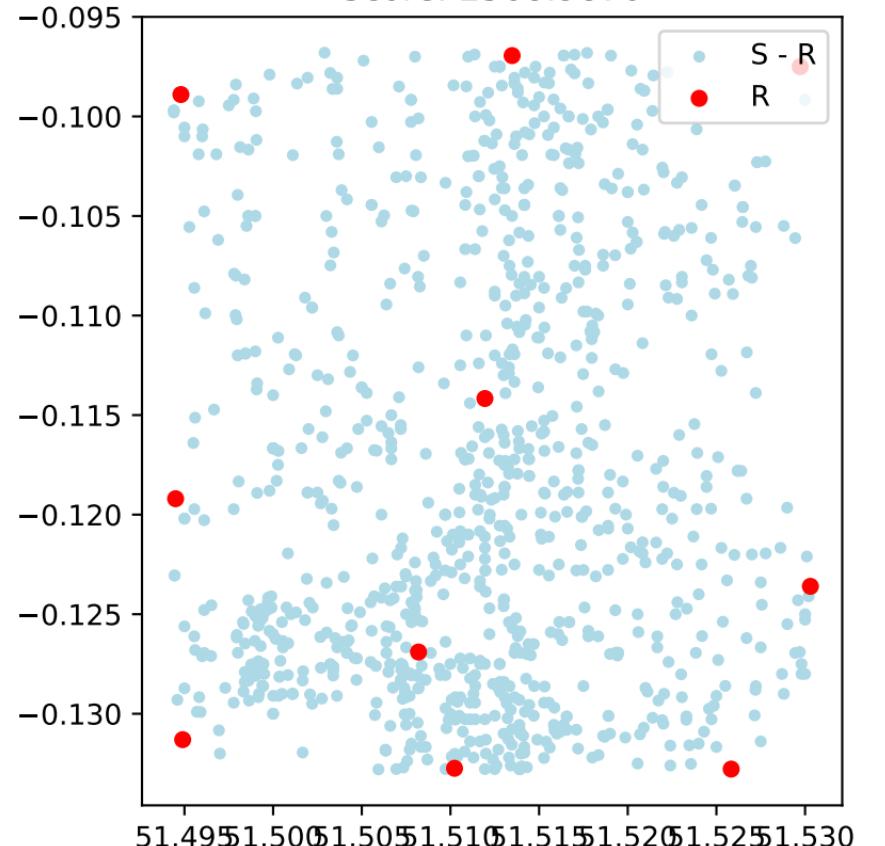
Sampling
Score: 1962.5806



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=10 | G=16 (4x4)

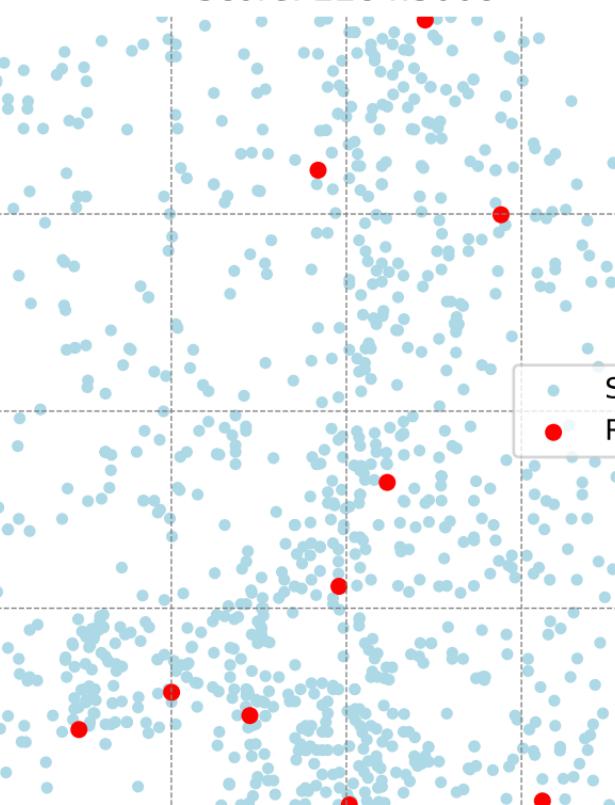
Baseline No R

Score: 2568.9870



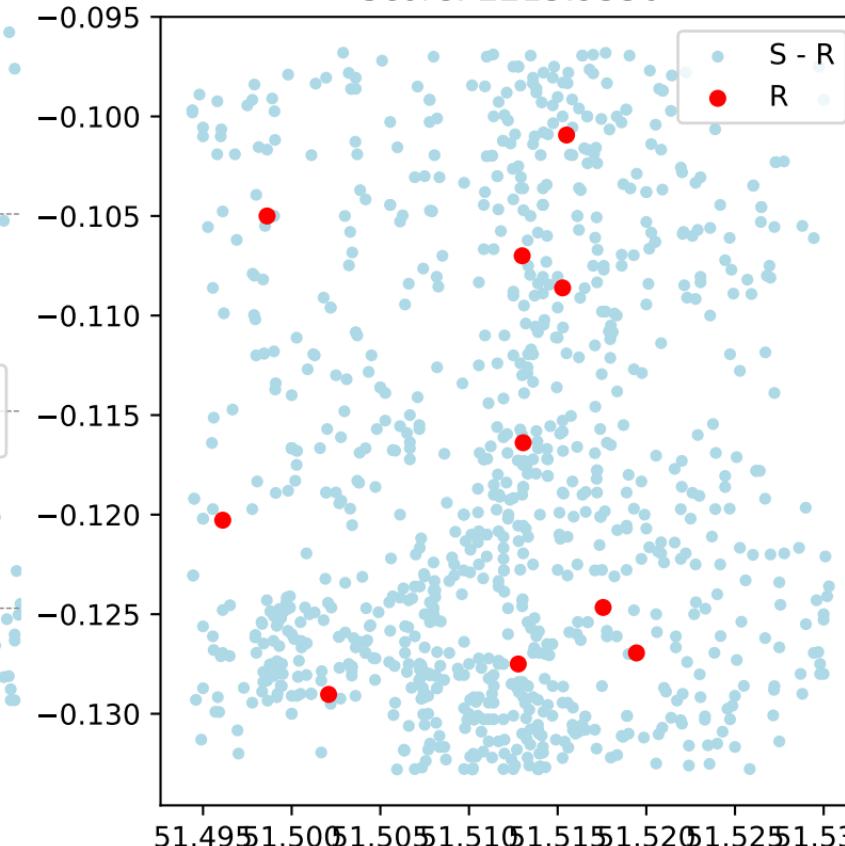
Grid Sampling

Score: 2284.3008

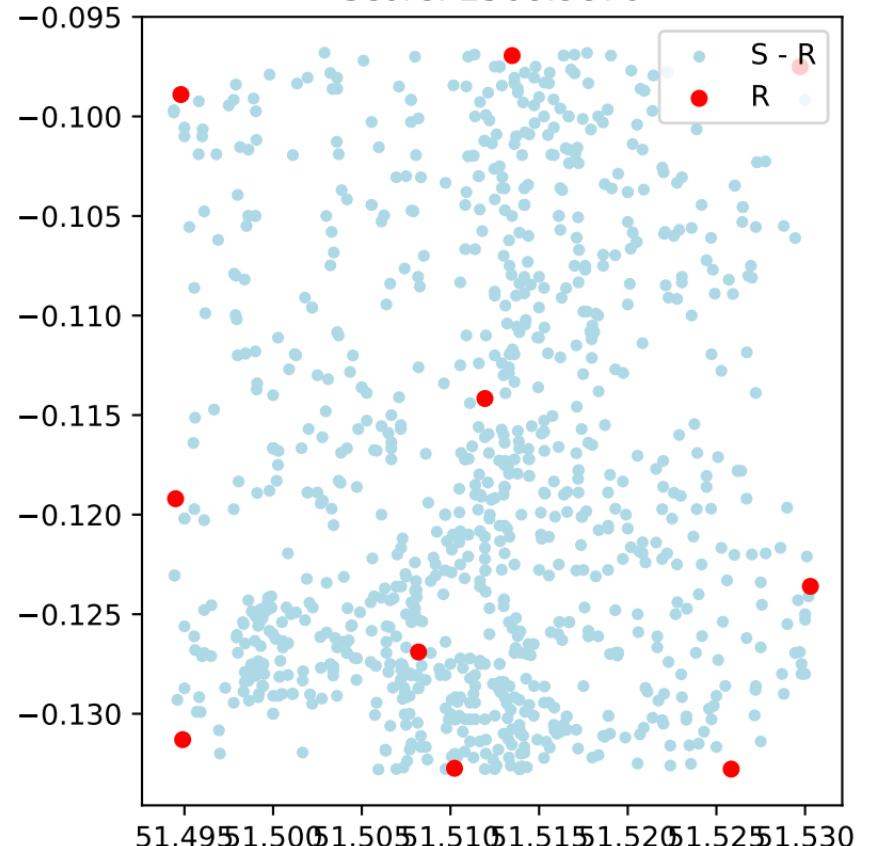


Sampling

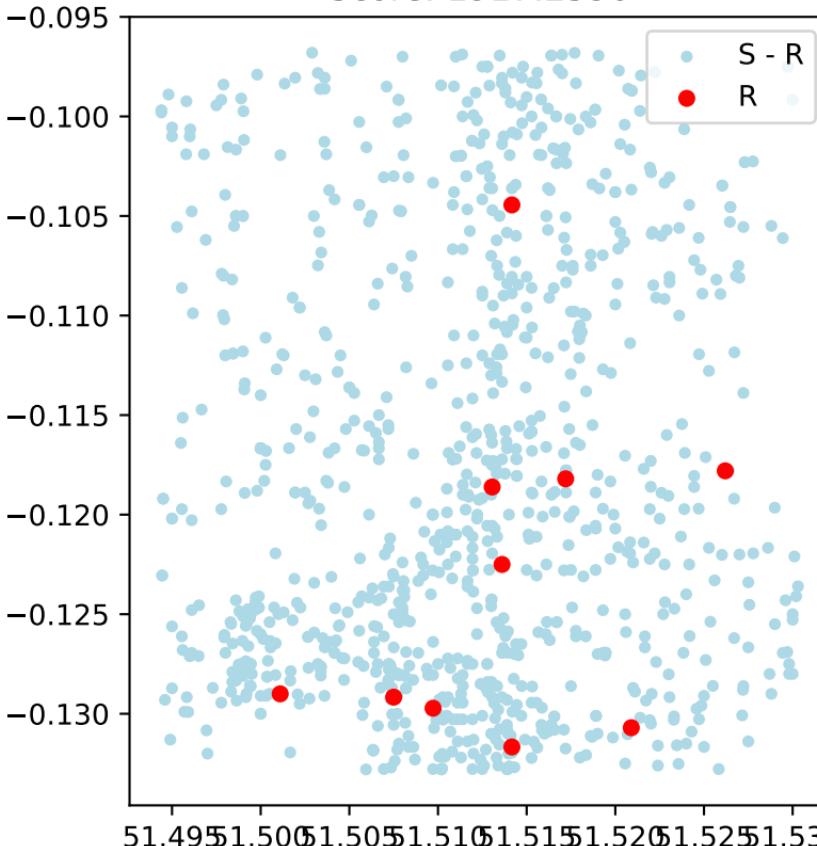
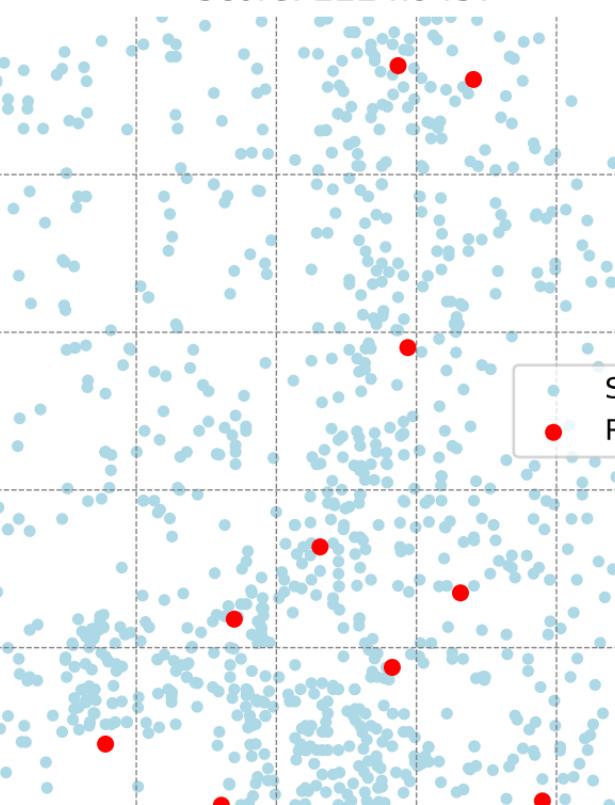
Score: 2213.9336



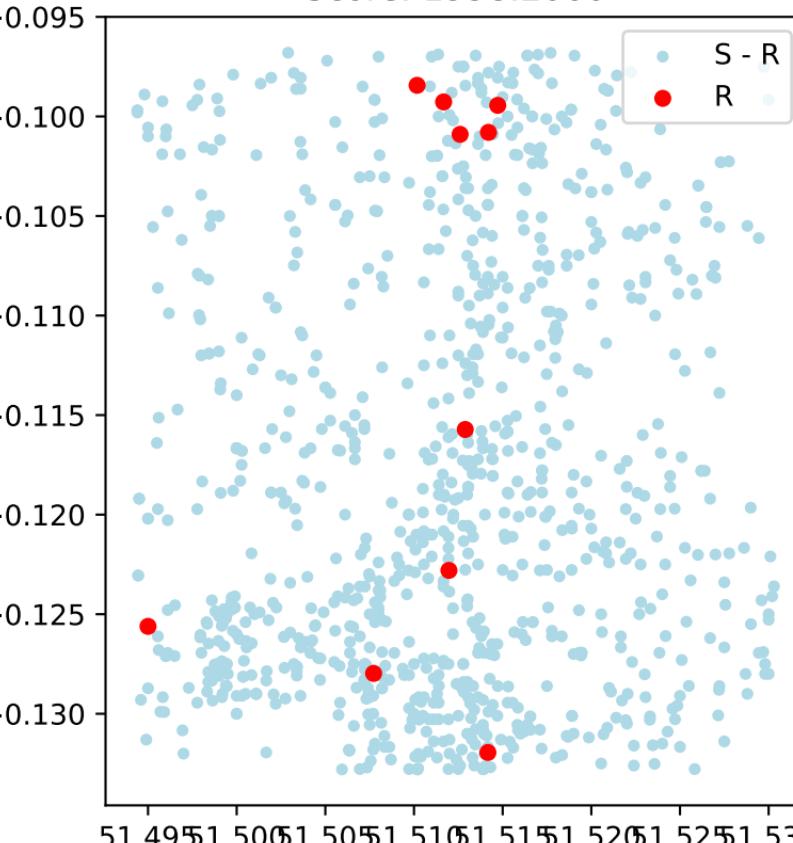
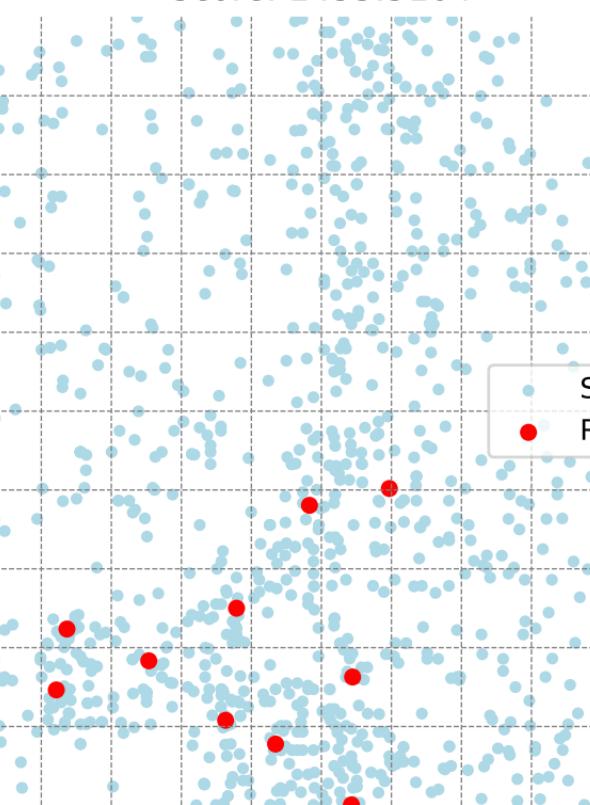
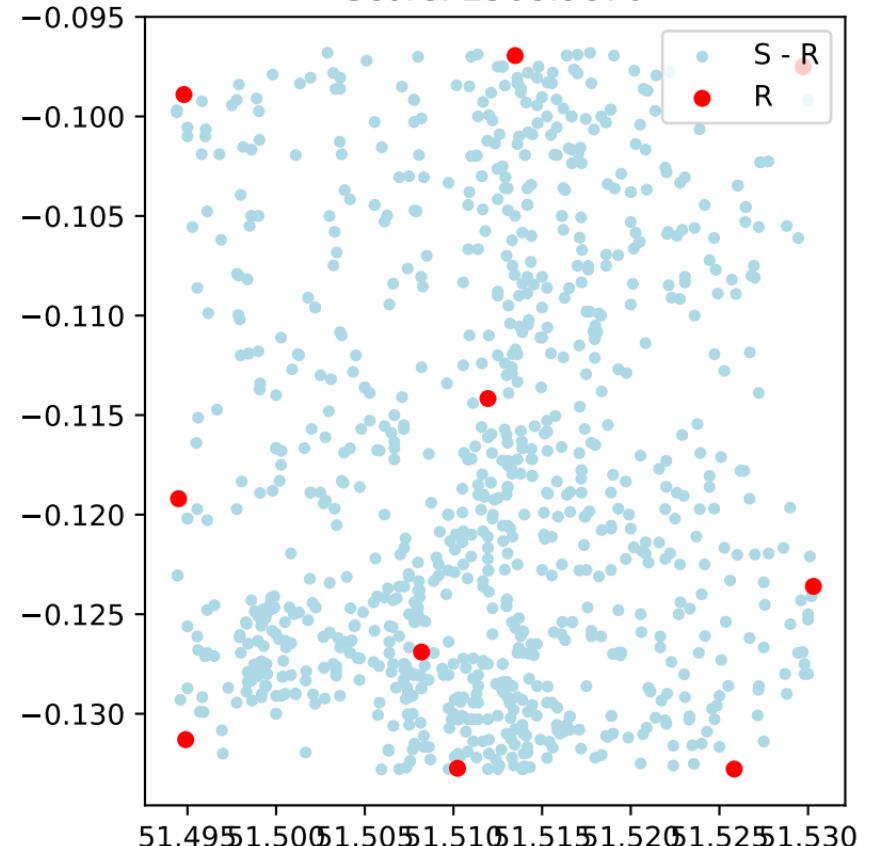
Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=10 | G=25 (5x5)
Baseline No R
Score: 2568.9870



Grid Sampling
Score: 2224.9457



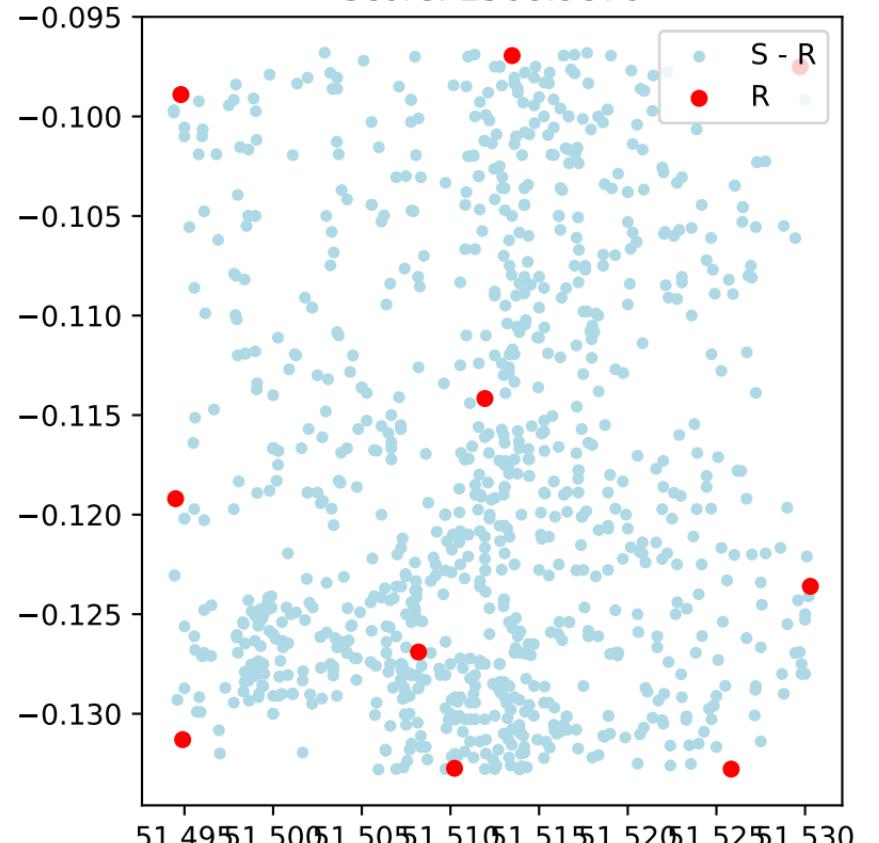
Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=10 | G=100 (10x10)
Baseline No R | Undersampling | Ours Sampling
Score: 2568.9870 Score: 1455.5104 Score: 1998.2060



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=10 | G=256 (16x16)

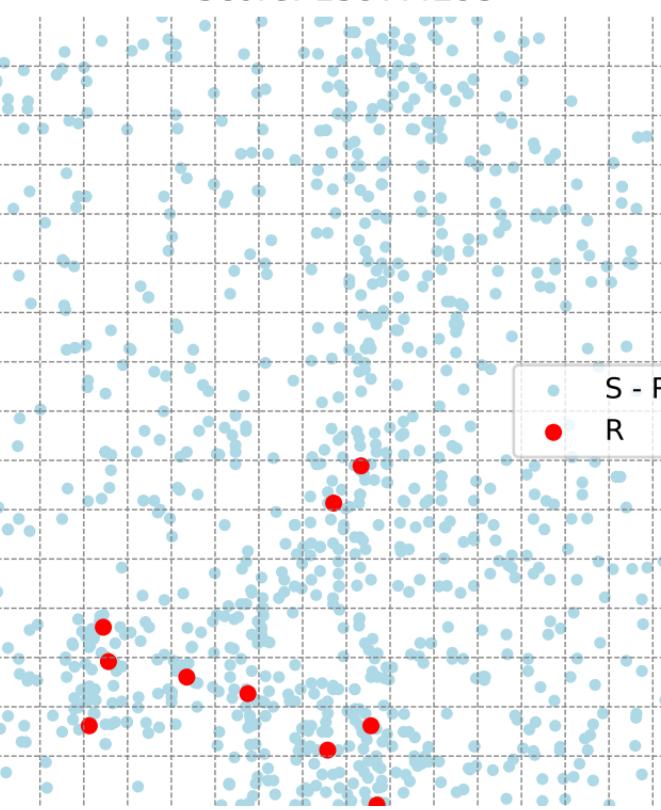
Baseline No R

Score: 2568.9870



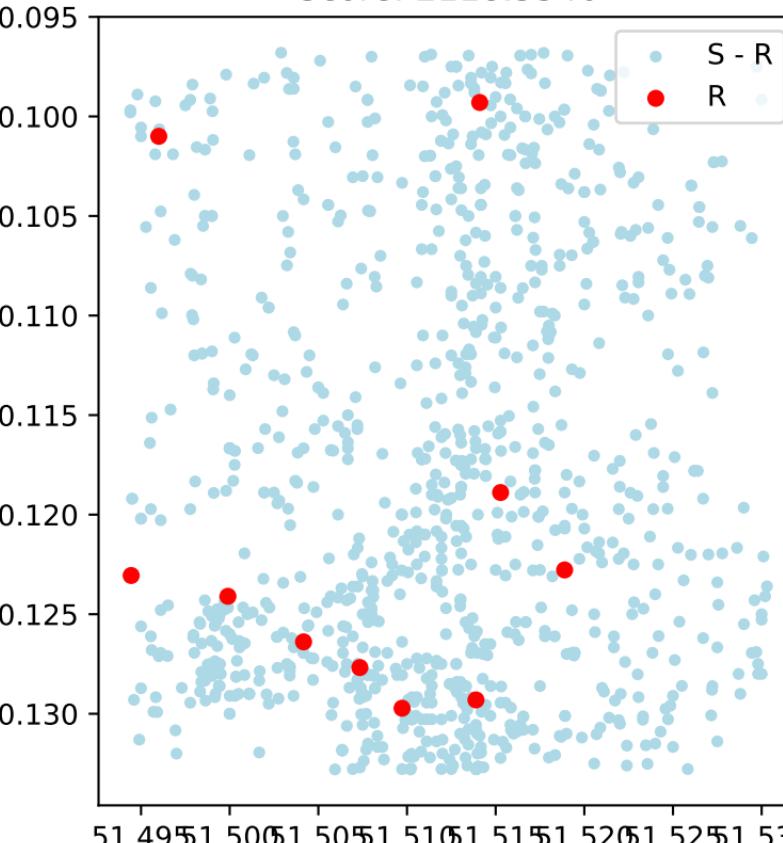
Undersampling

Score: 1397.4295



Oversampling

Score: 2118.5346

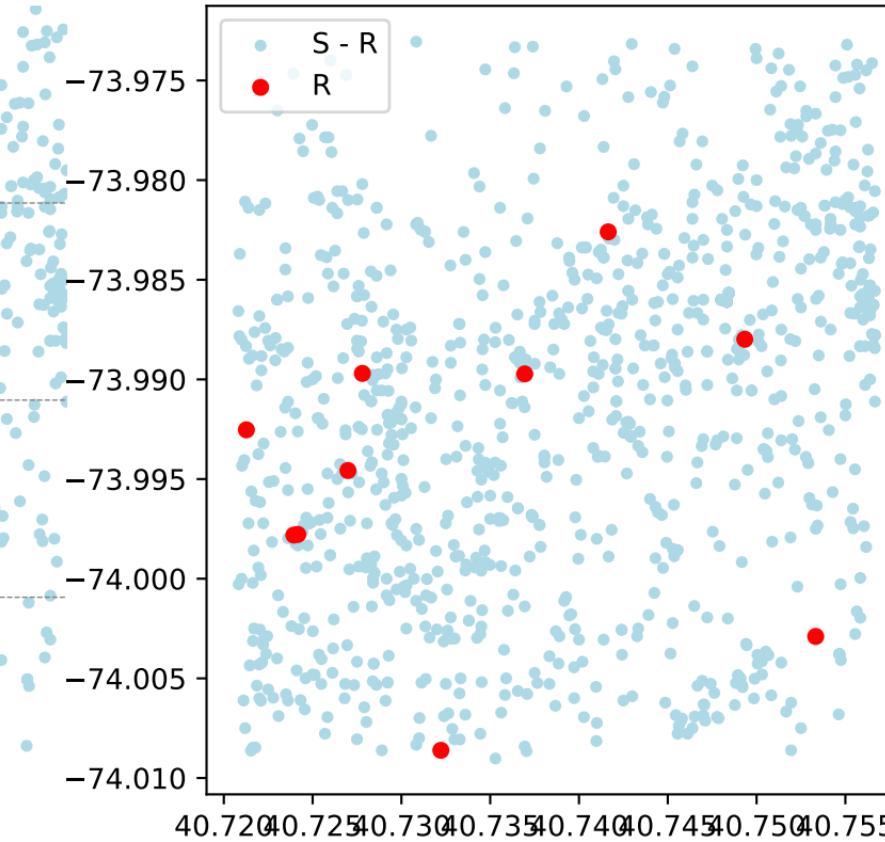
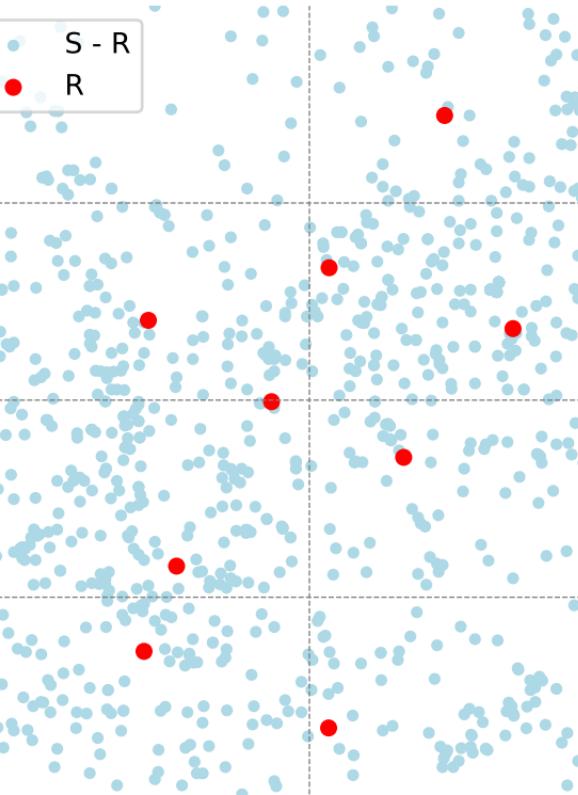
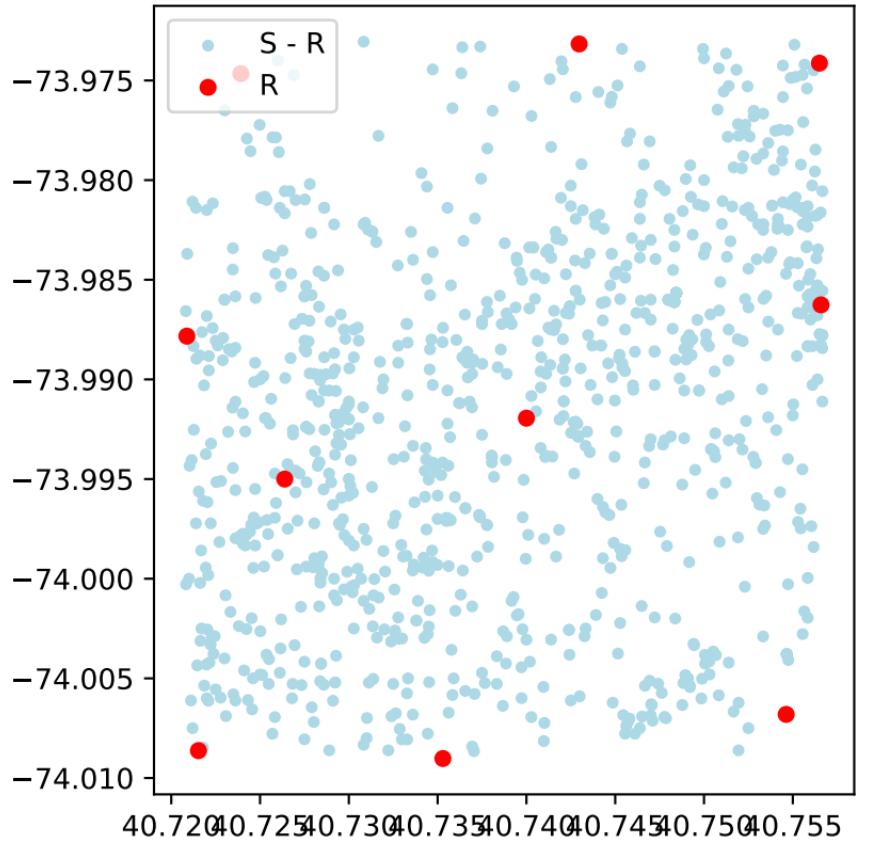


Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=10 | G=8 (2x4)

Base Fadu No R
Score: 2517.8549

Grid Sampling
Score: 2084.2967

Sampling
Score: 1971.5052

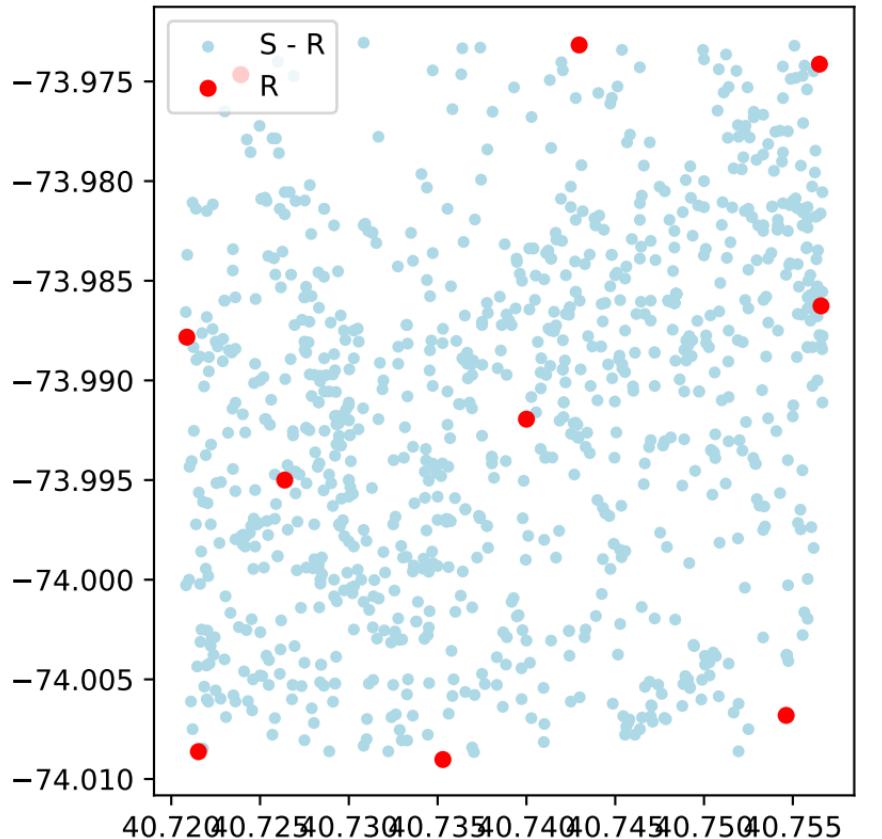


Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=10 | G=16 (4x4)

Baseline

No R

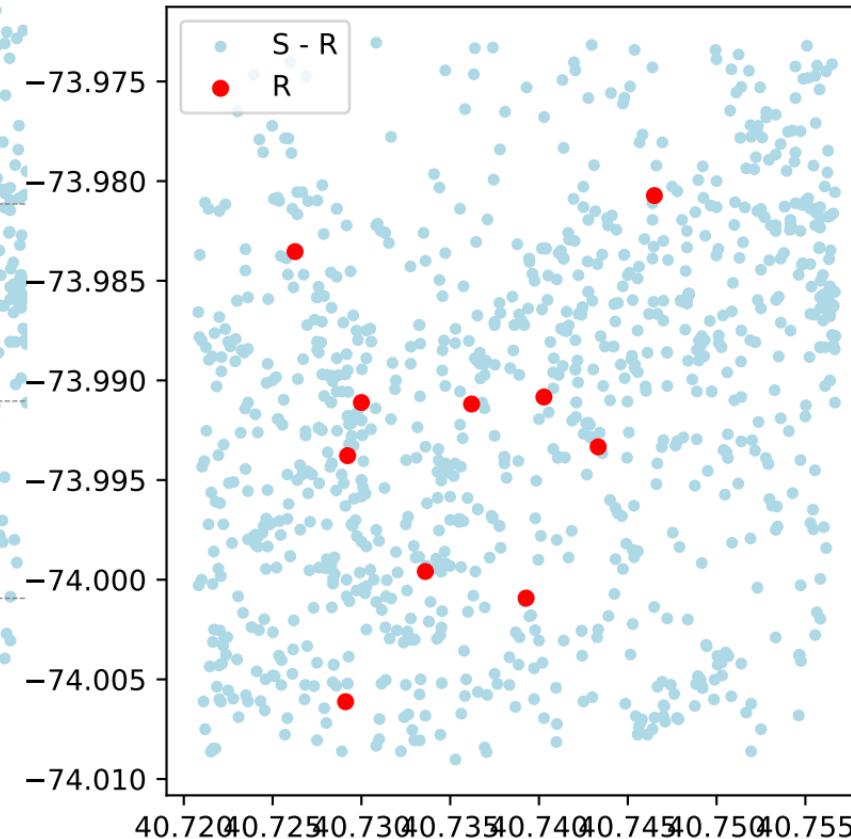
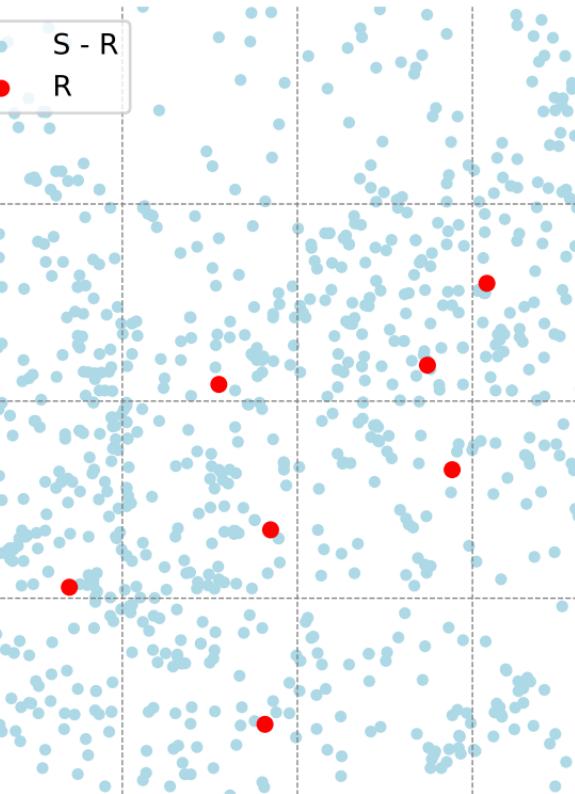
Score: 2517.8549



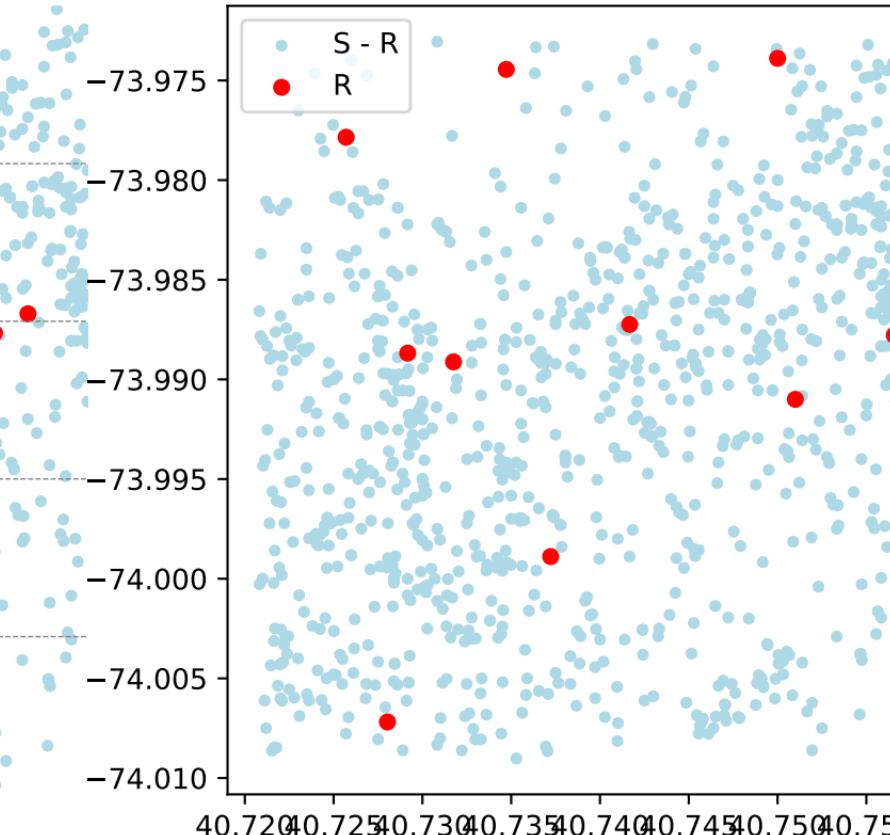
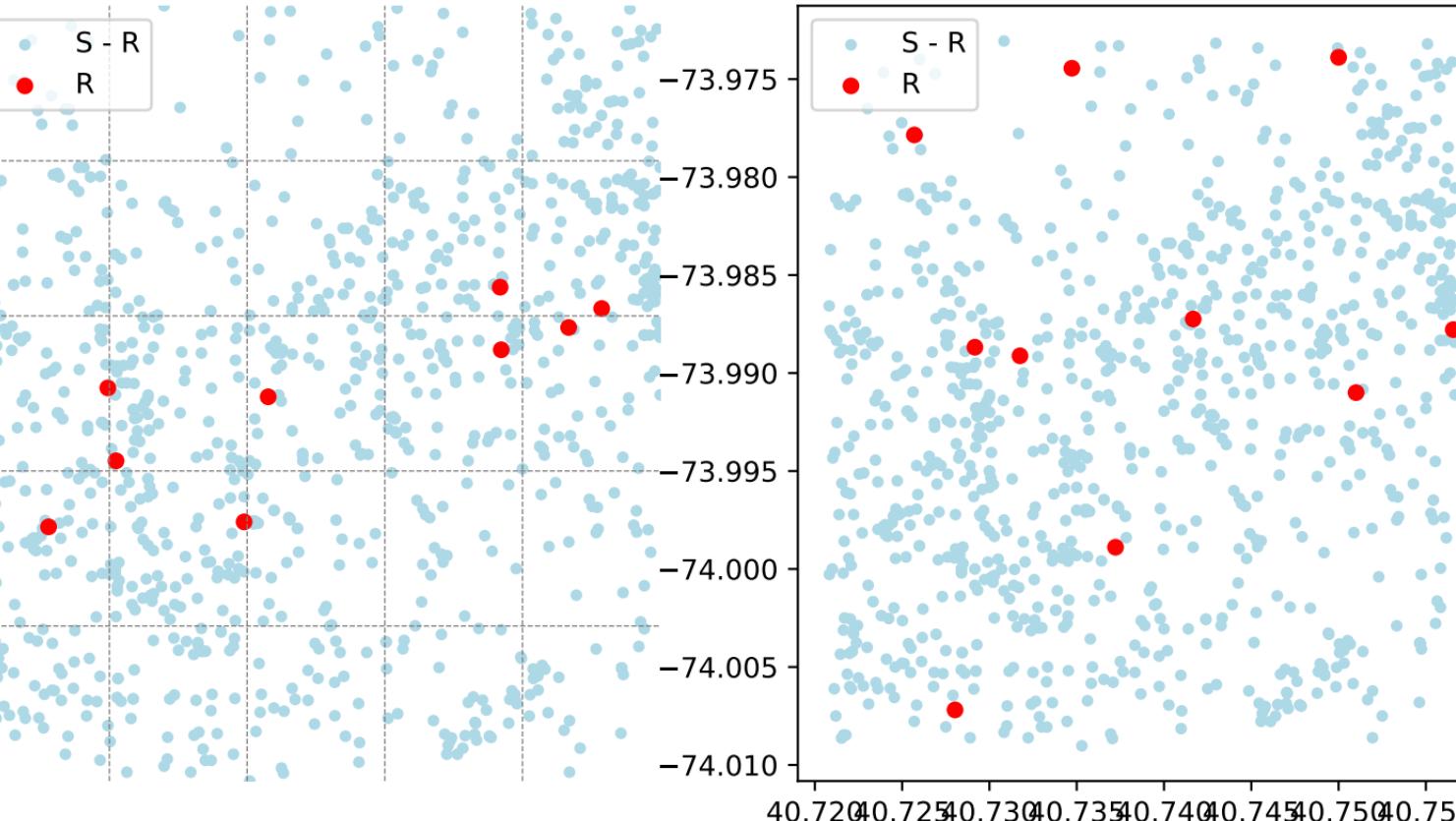
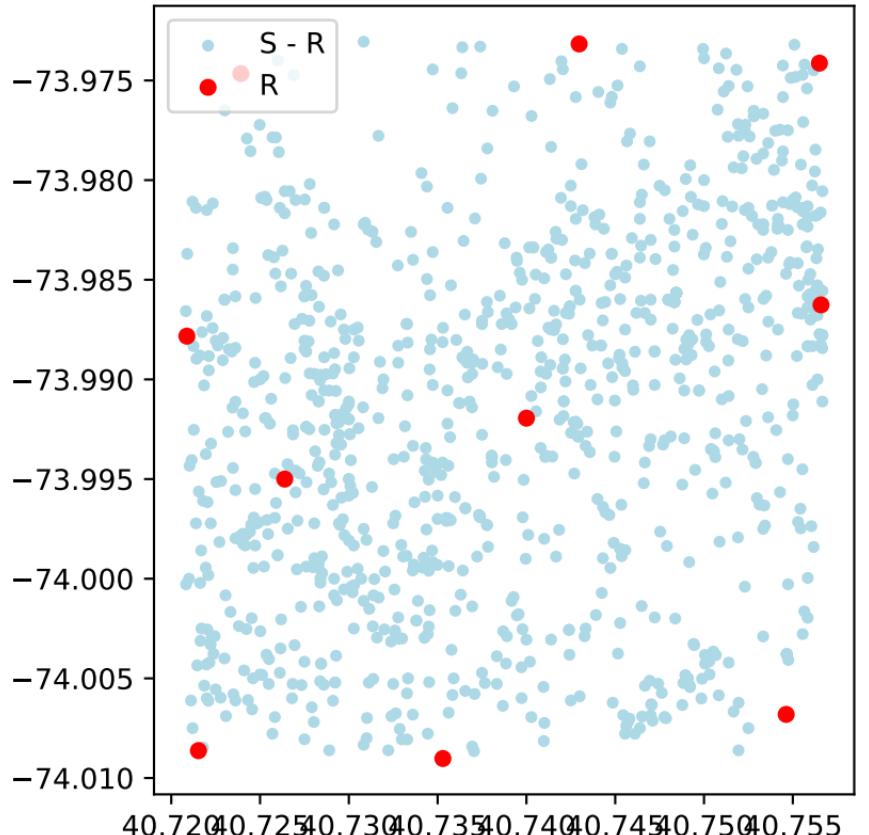
Grid Sampling

Sampling

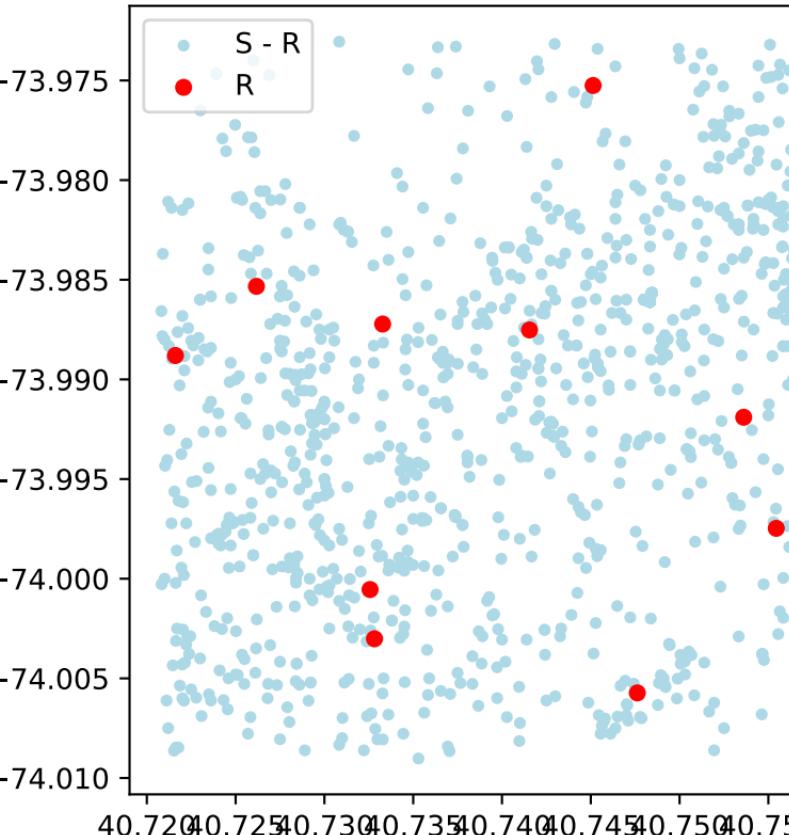
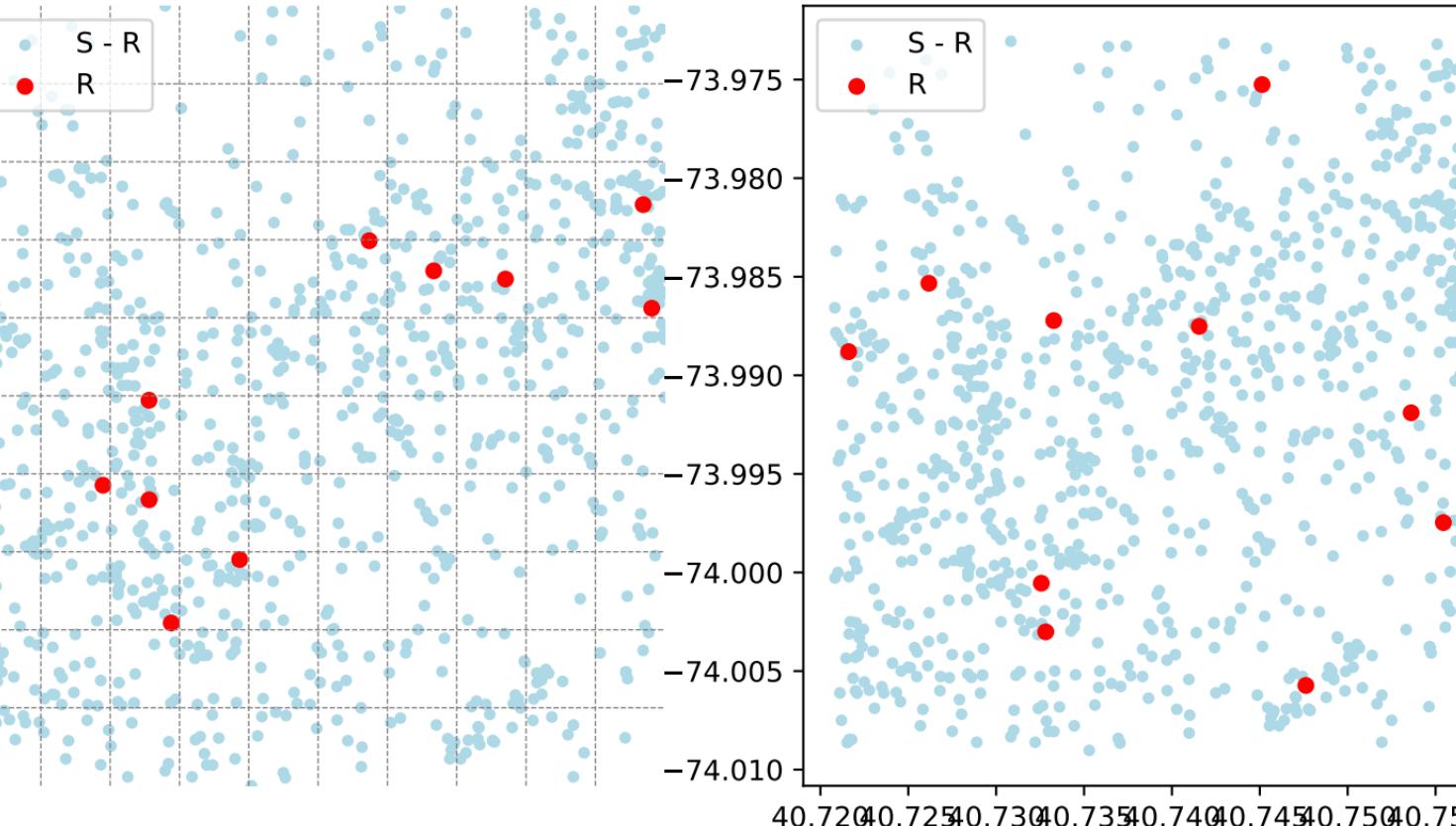
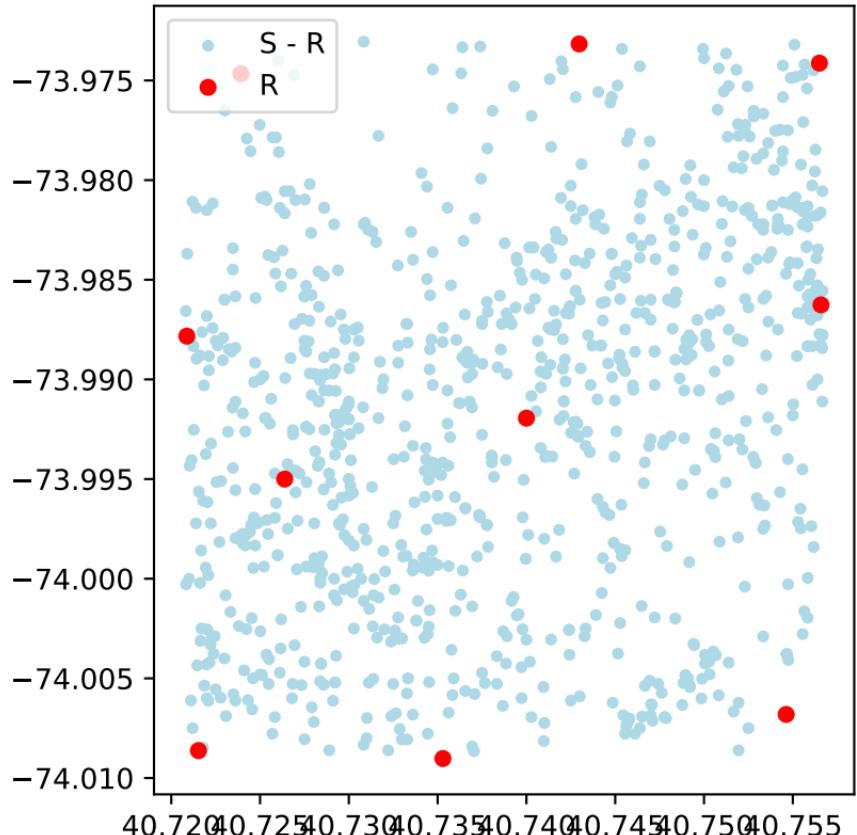
Score: 2190.0002



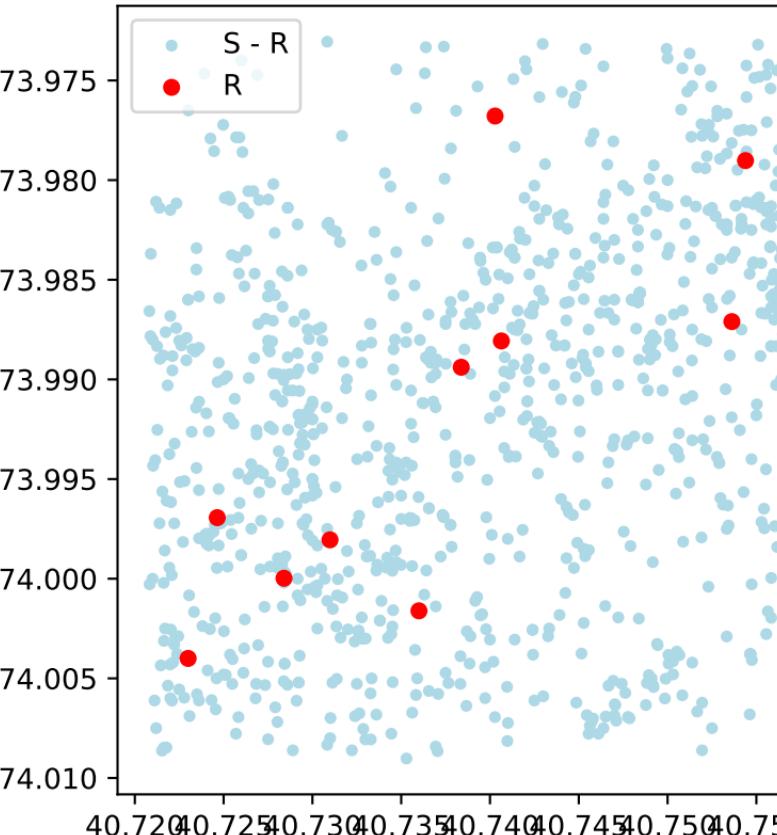
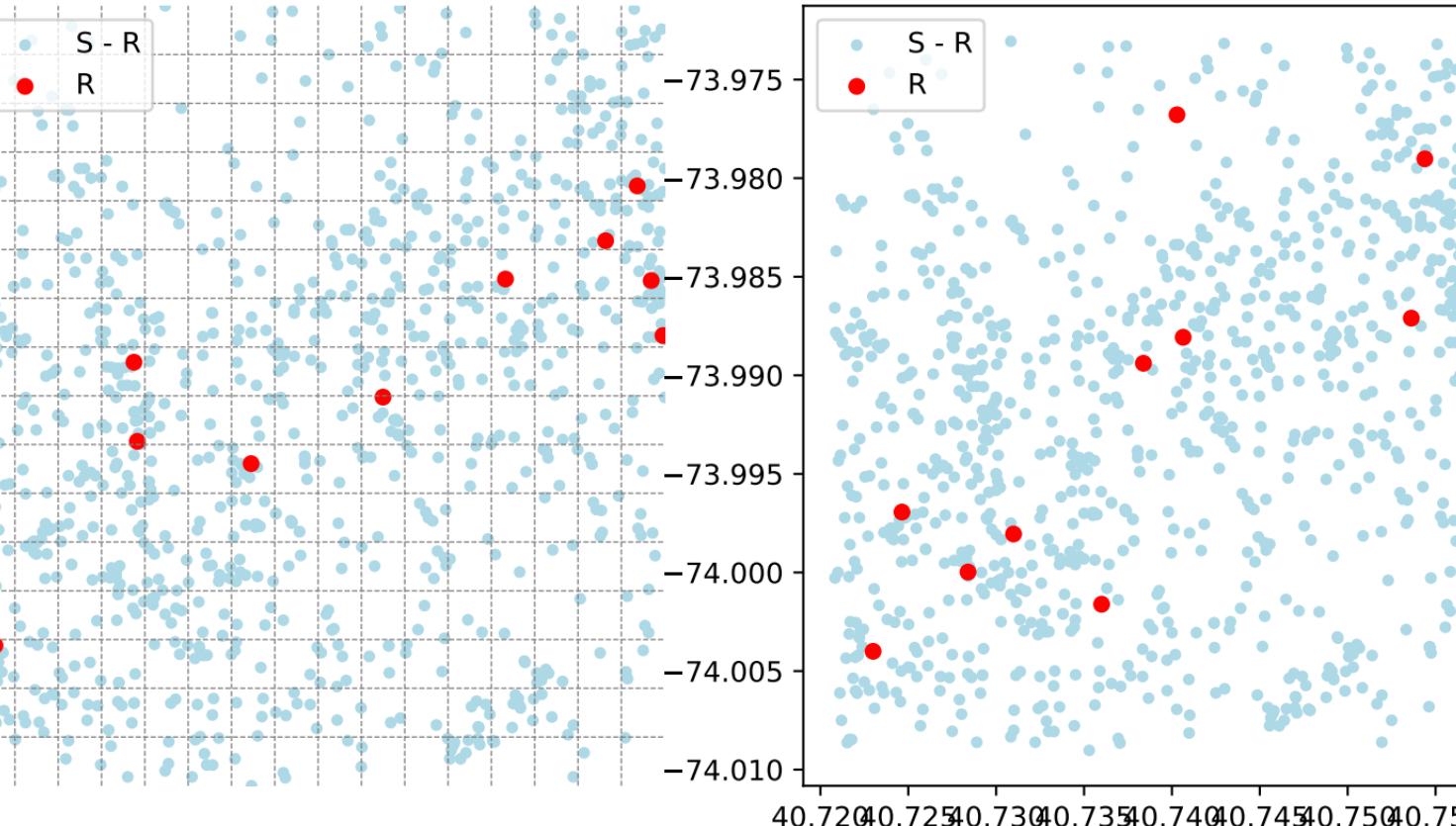
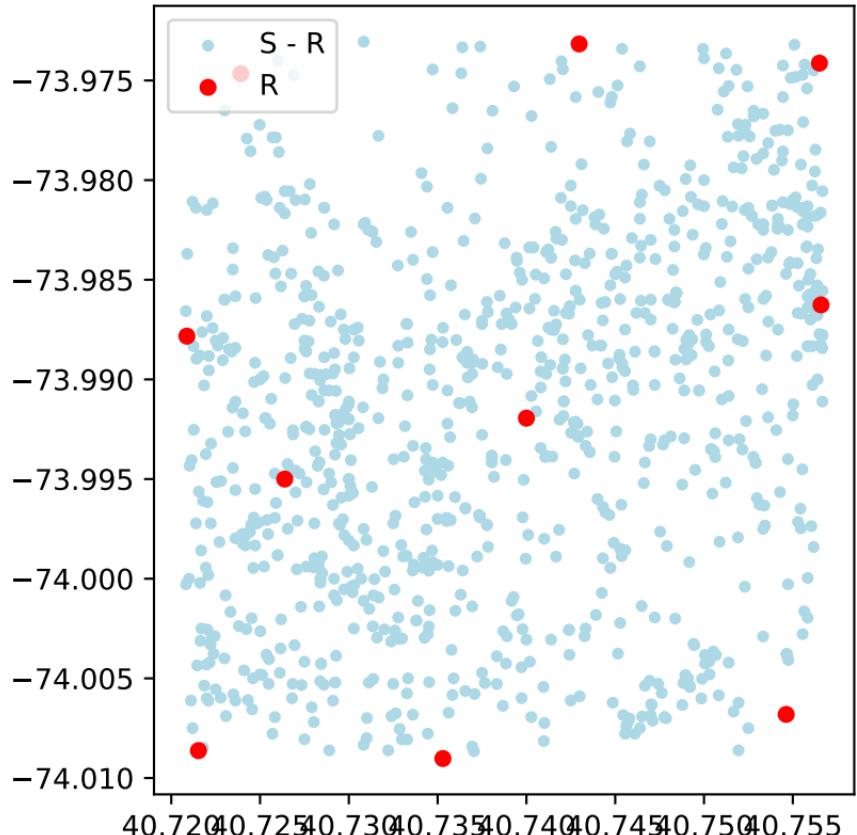
Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=10 | G=25 (5x5)

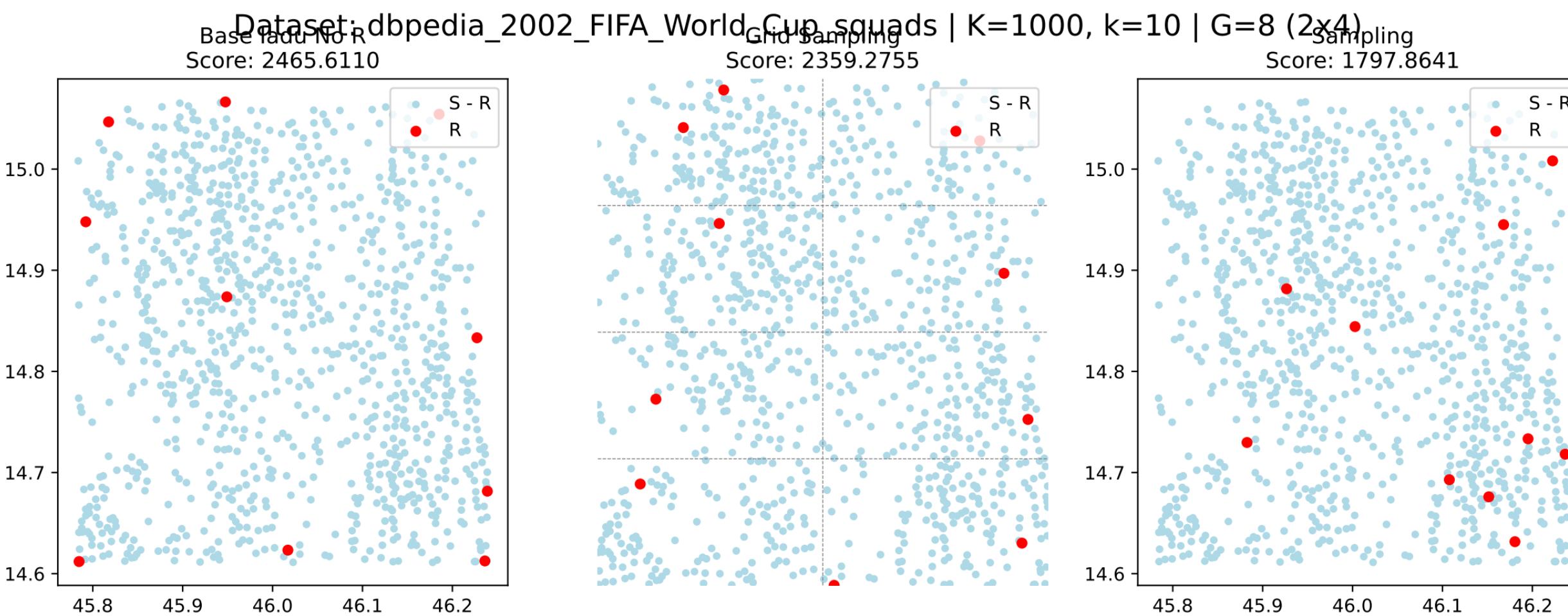


Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=10 | G=100 (10x10)
Baseline No R | Undersampling | Ours Sampling
Score: 2517.8549 Score: 2077.2049 Score: 2258.5584



Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=10 | G=256 (16x16)





Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=10 | G=16 (4x4)

Baseline No R

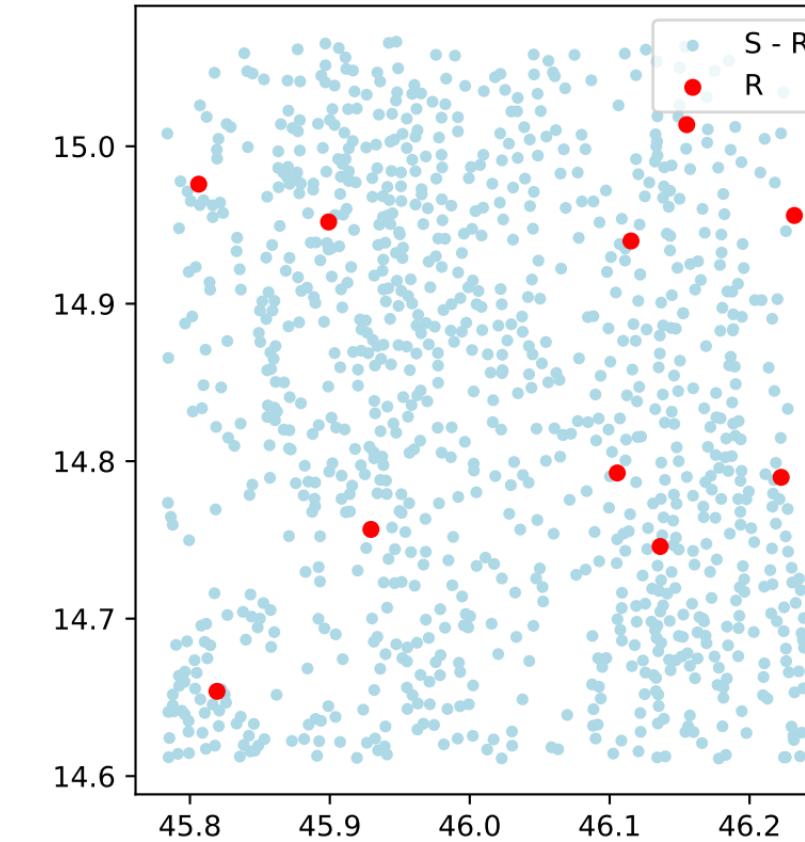
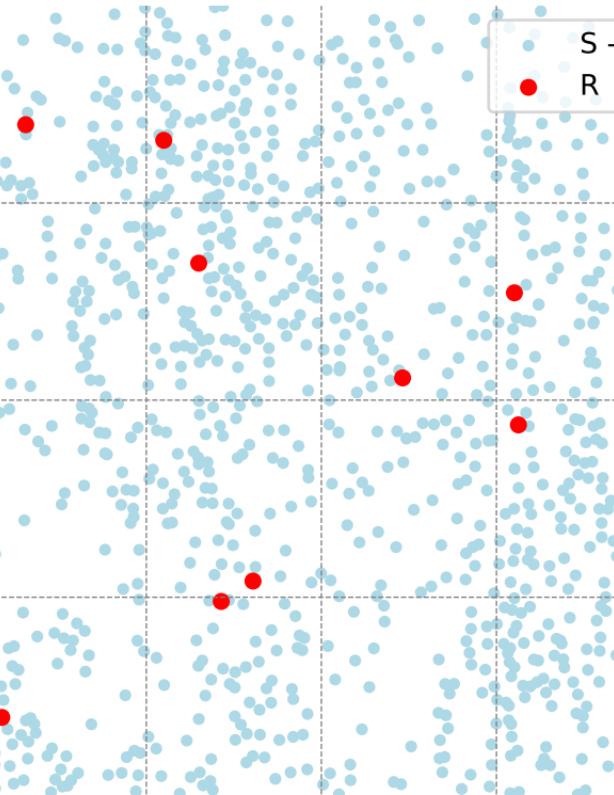
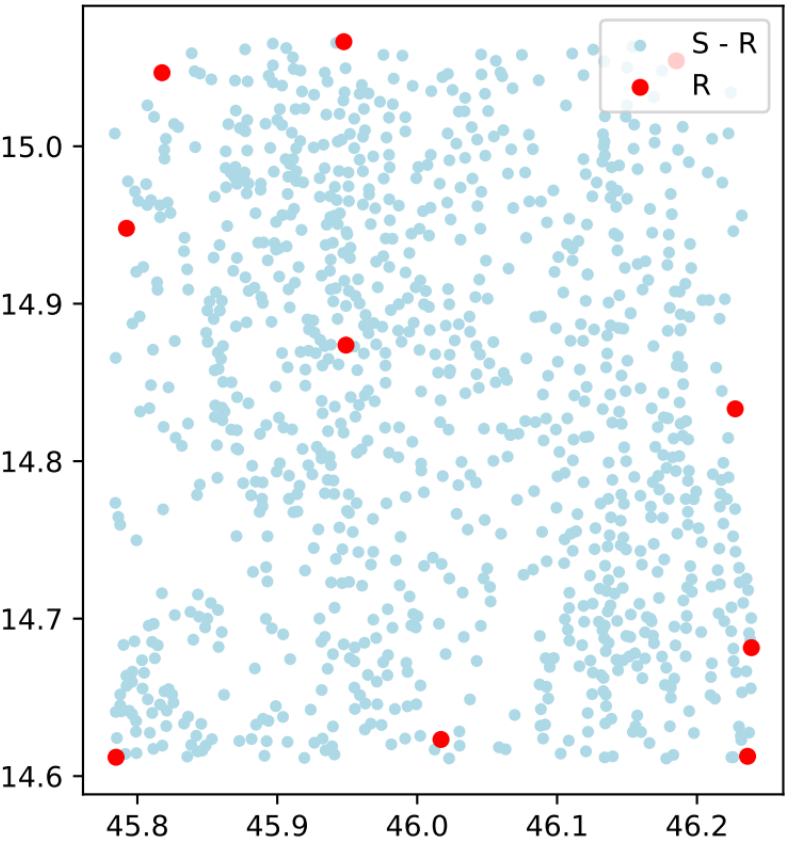
Score: 2465.6110

Grid Sampling

Score: 2162.3621

Sampling

Score: 2187.2615



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=10 | G=25 (5x5)

Baseline No R

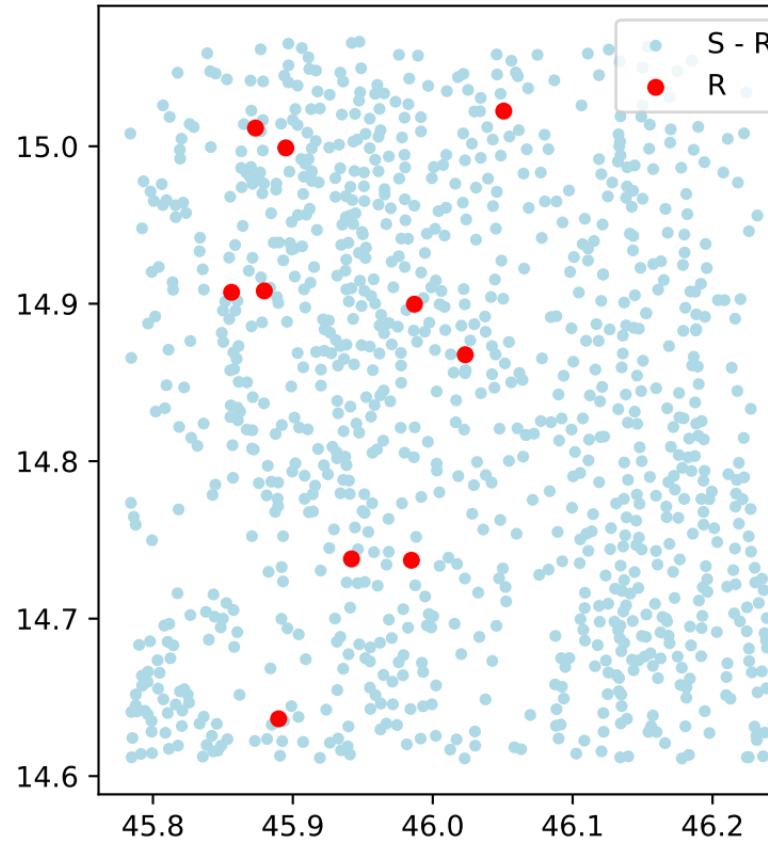
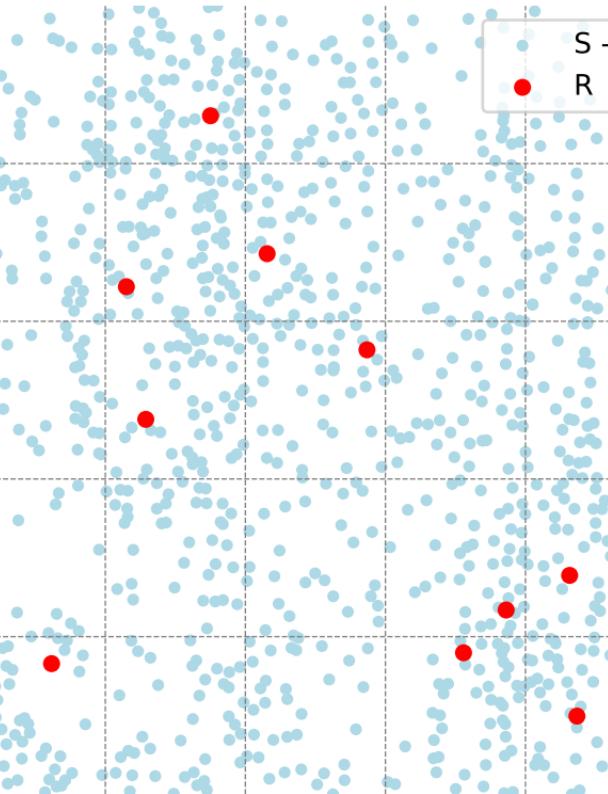
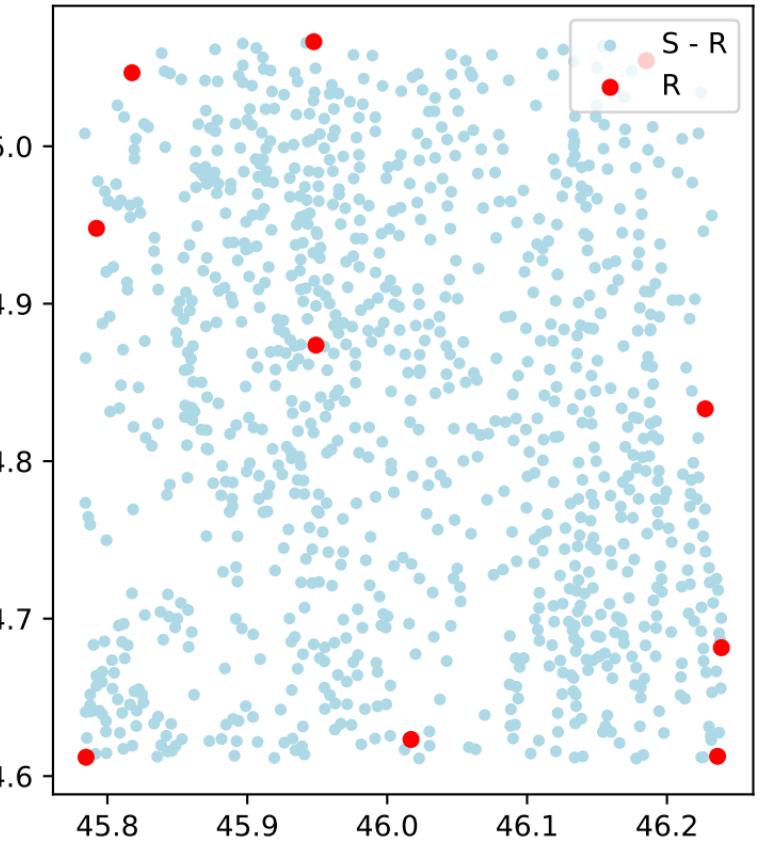
Score: 2465.6110

Grid Sampling

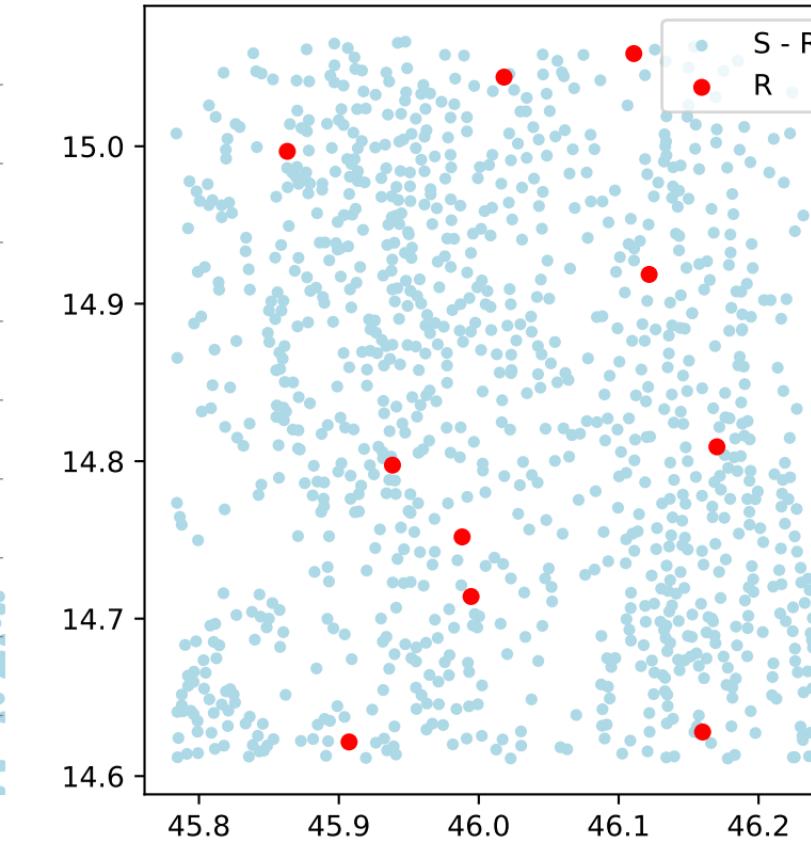
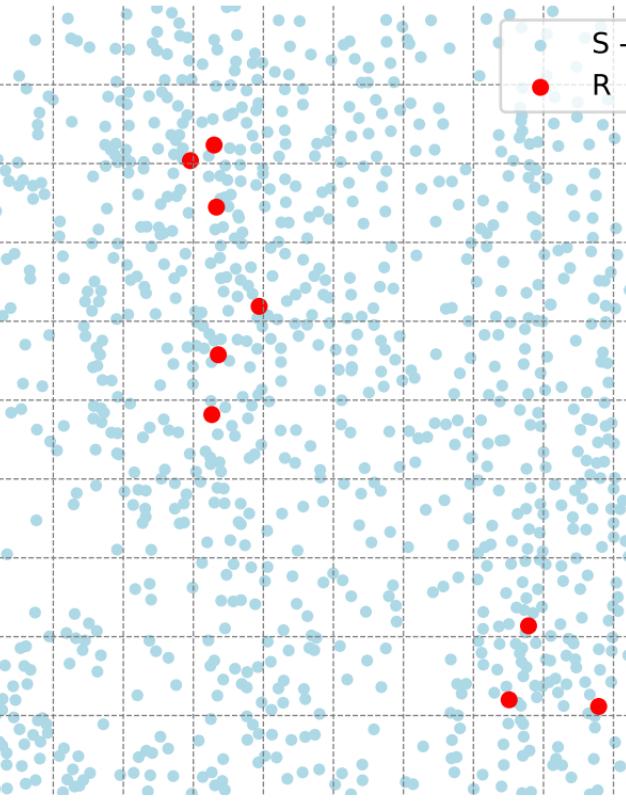
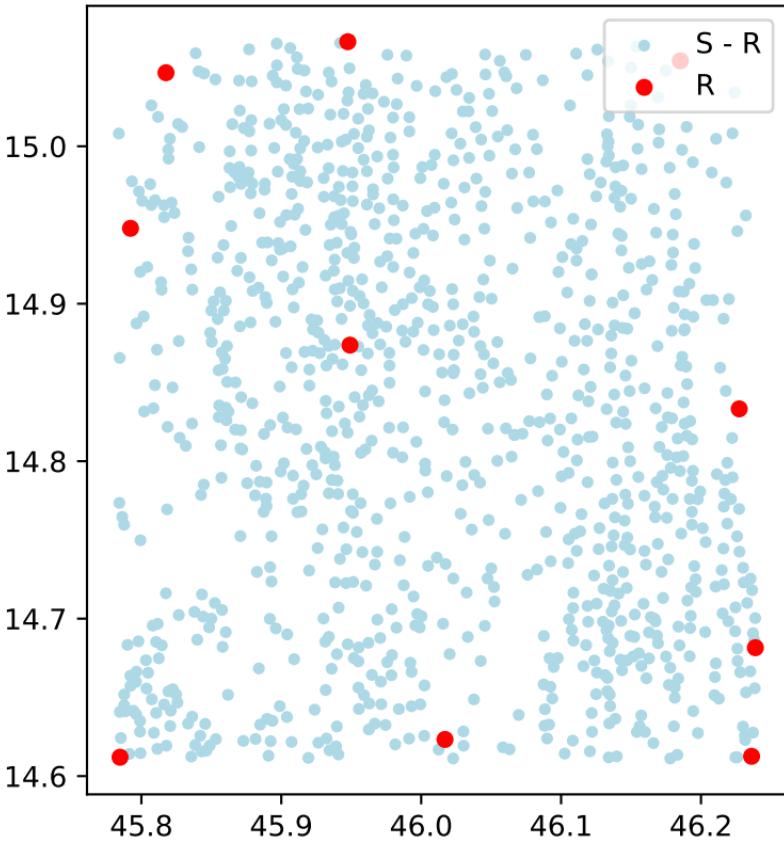
Score: 2059.2869

Sampling

Score: 1699.9115



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=10 | G=100 (10x10)
Baseline No R | UndSampling | Sampling
Score: 2465.6110 Score: 2039.4981 Score: 2200.0667



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=10 | G=256 (16x16)

Baseline No R

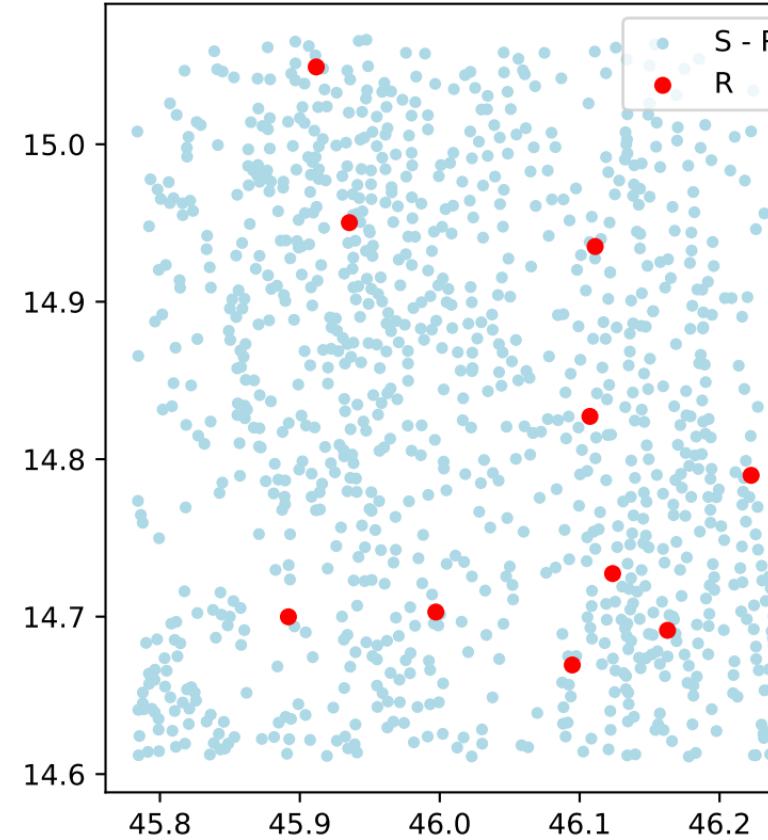
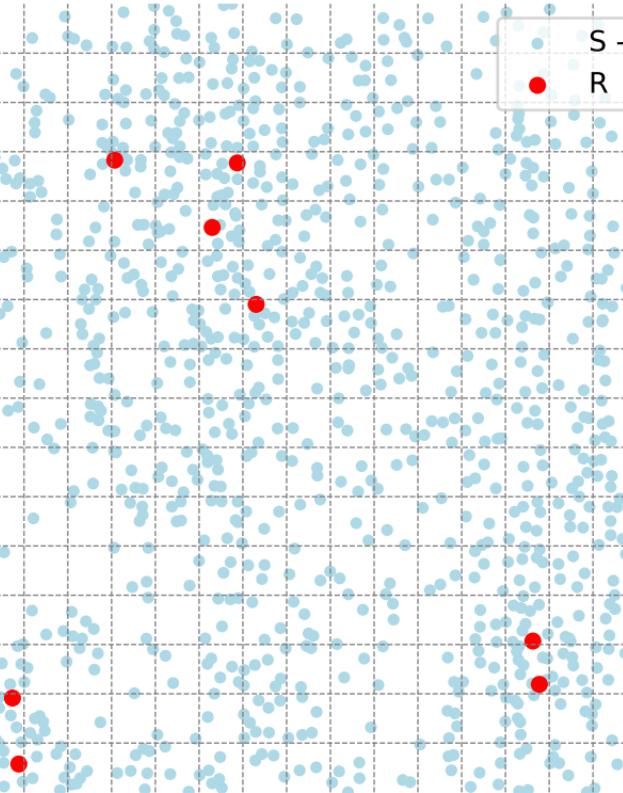
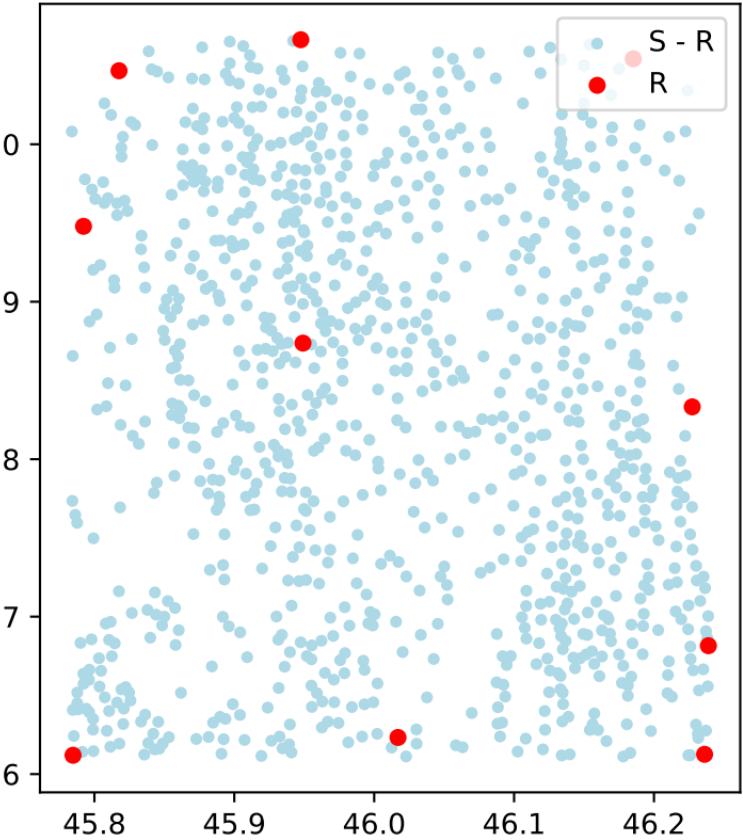
UndSampling

Sampling

Score: 2465.6110

Score: 2188.1309

Score: 2009.1879

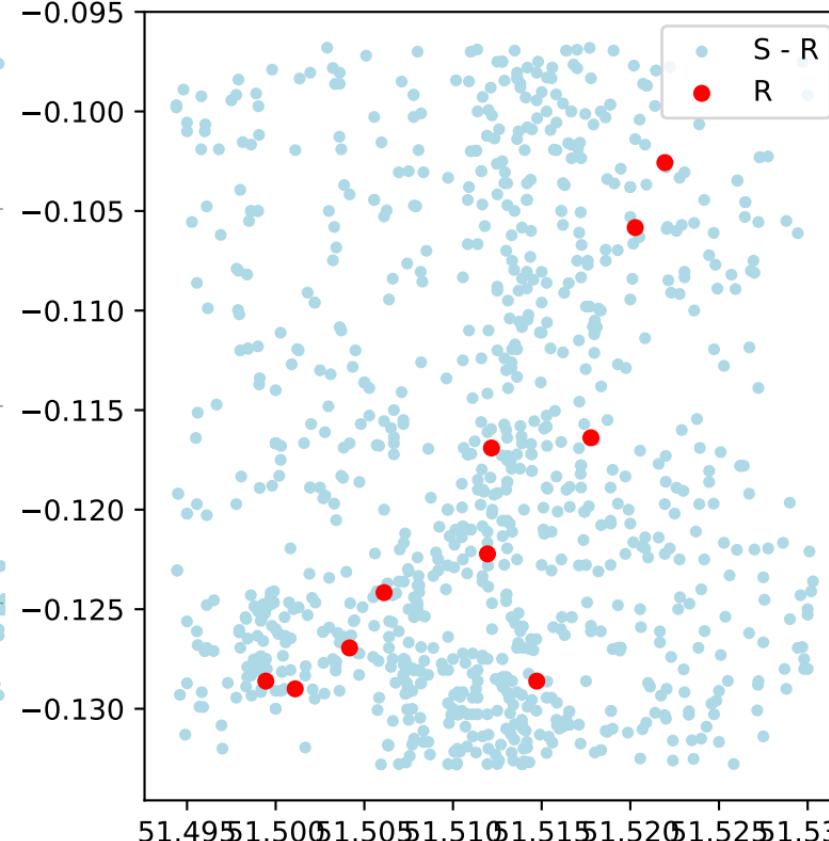
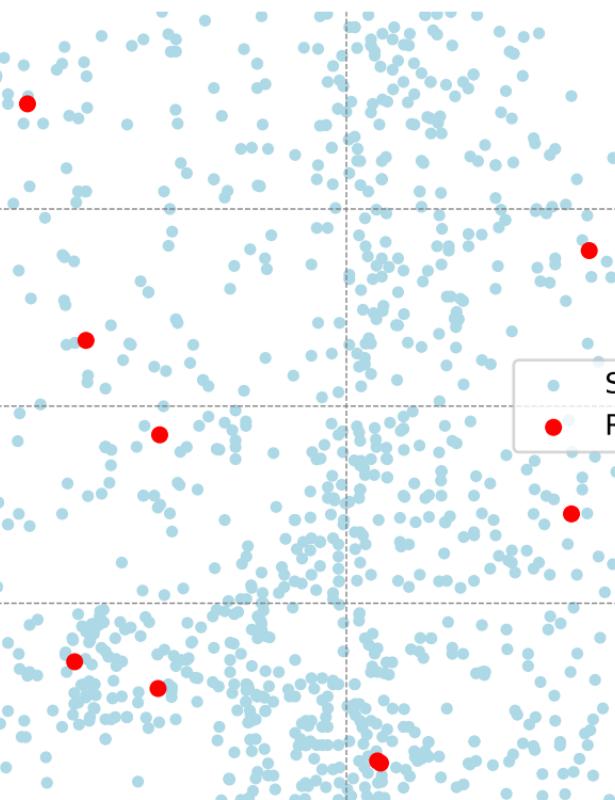
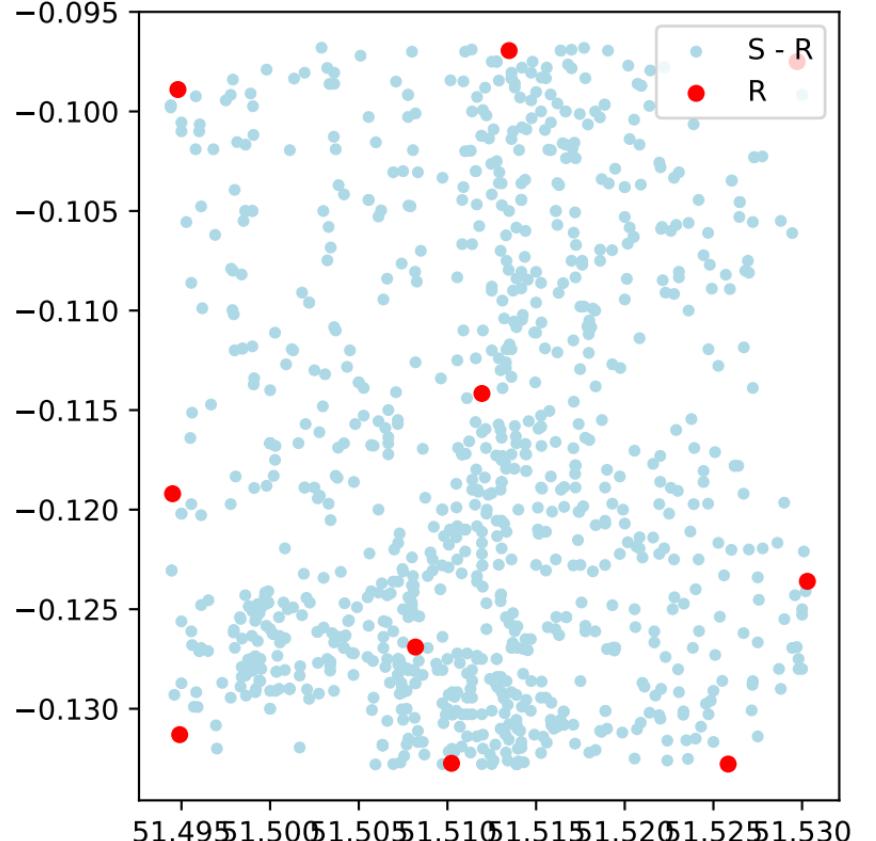


Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=10 | G=8 (2x4)

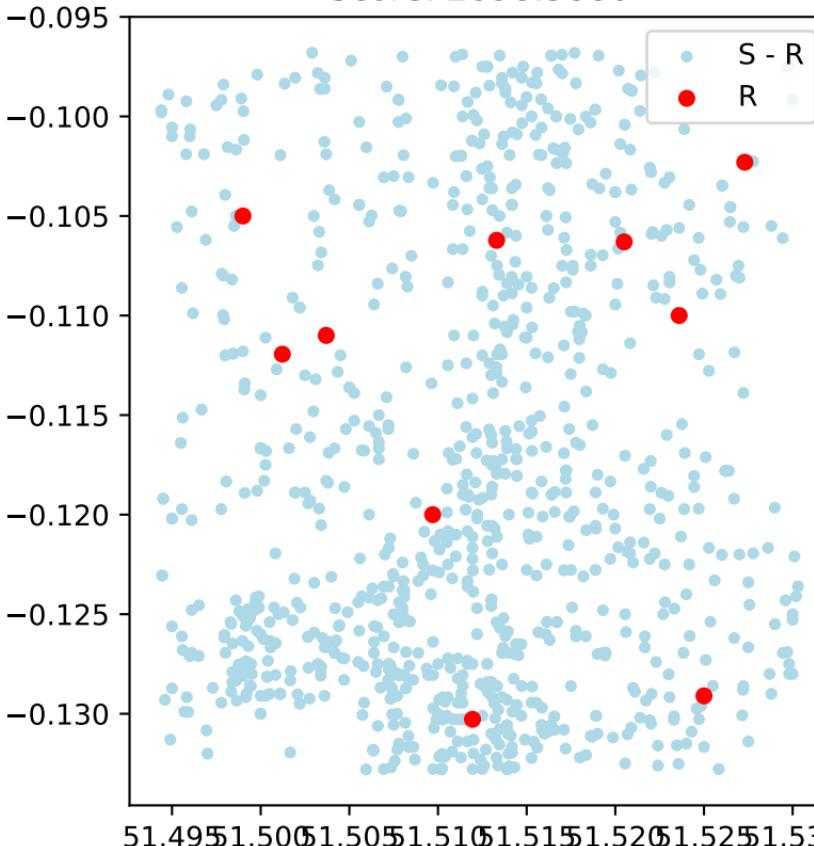
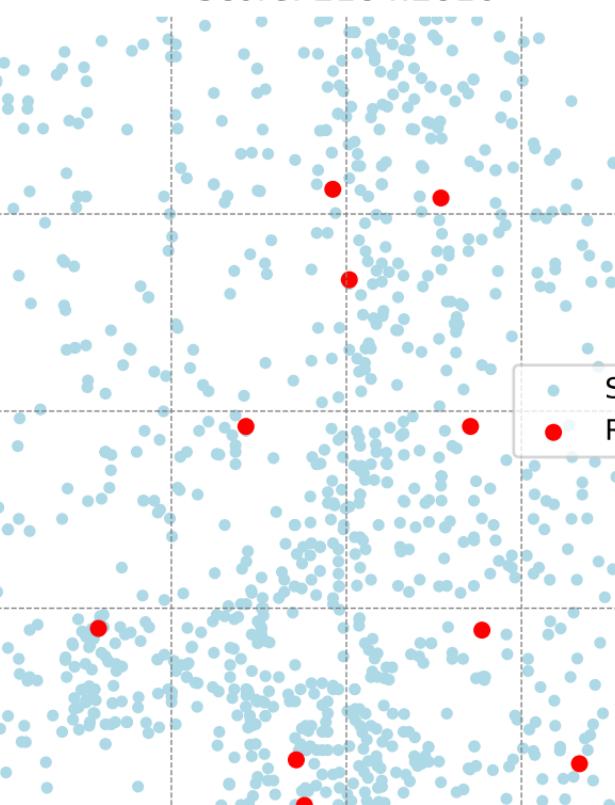
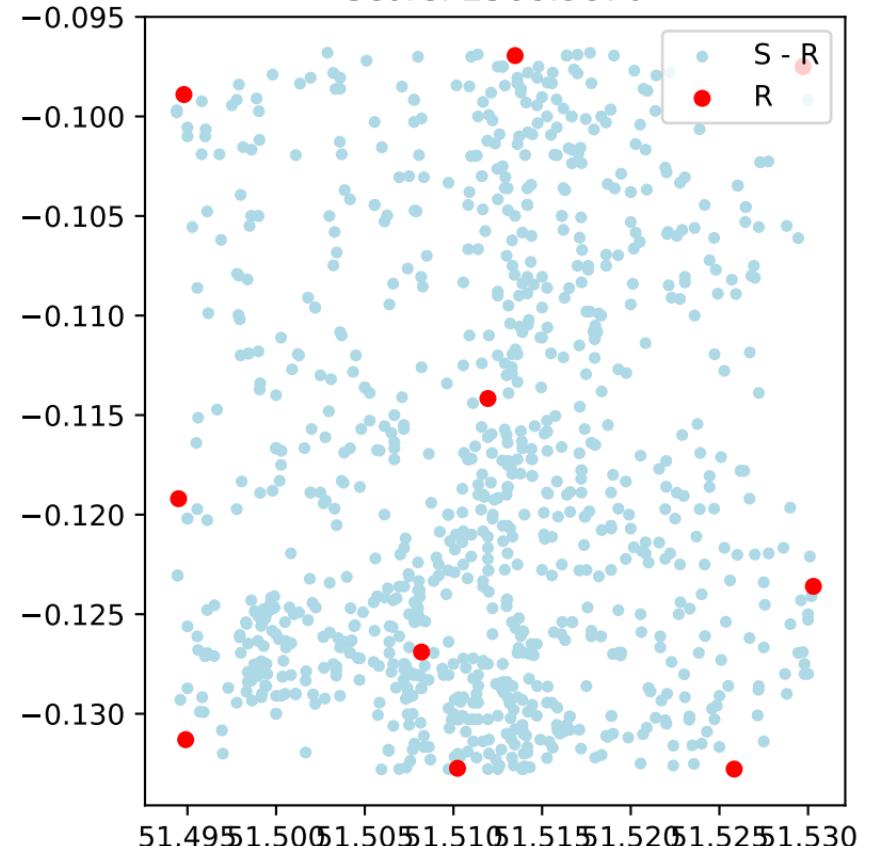
Base Iadu No R
Score: 2568.9870

Grid Sampling
Score: 2343.2405

Sampling
Score: 2068.2275



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=10 | G=16 (4x4)



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=10 | G=25 (5x5)

Baseline No R

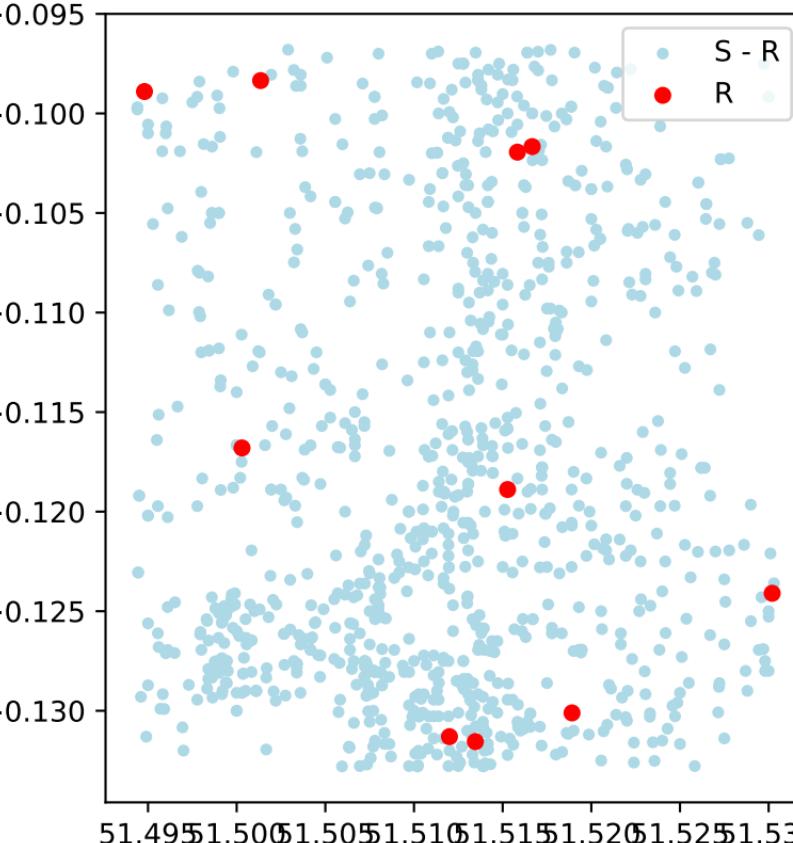
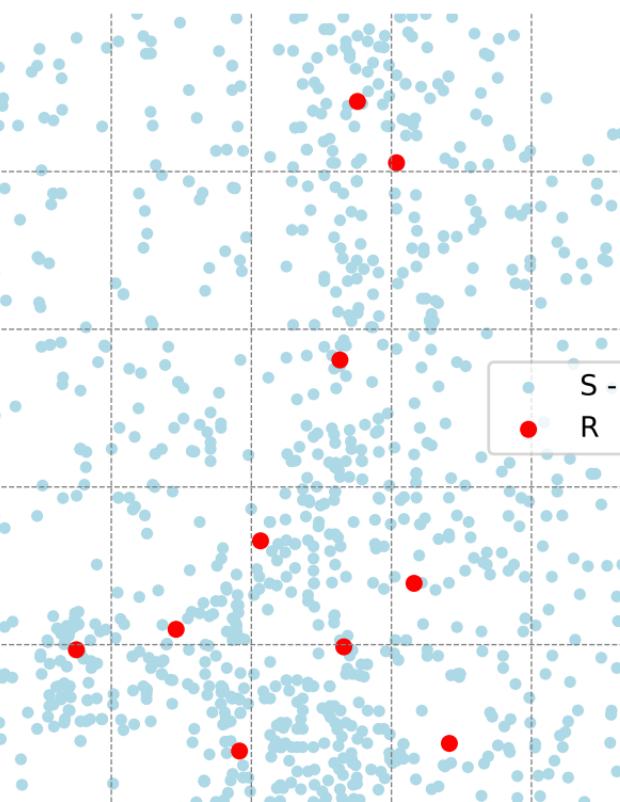
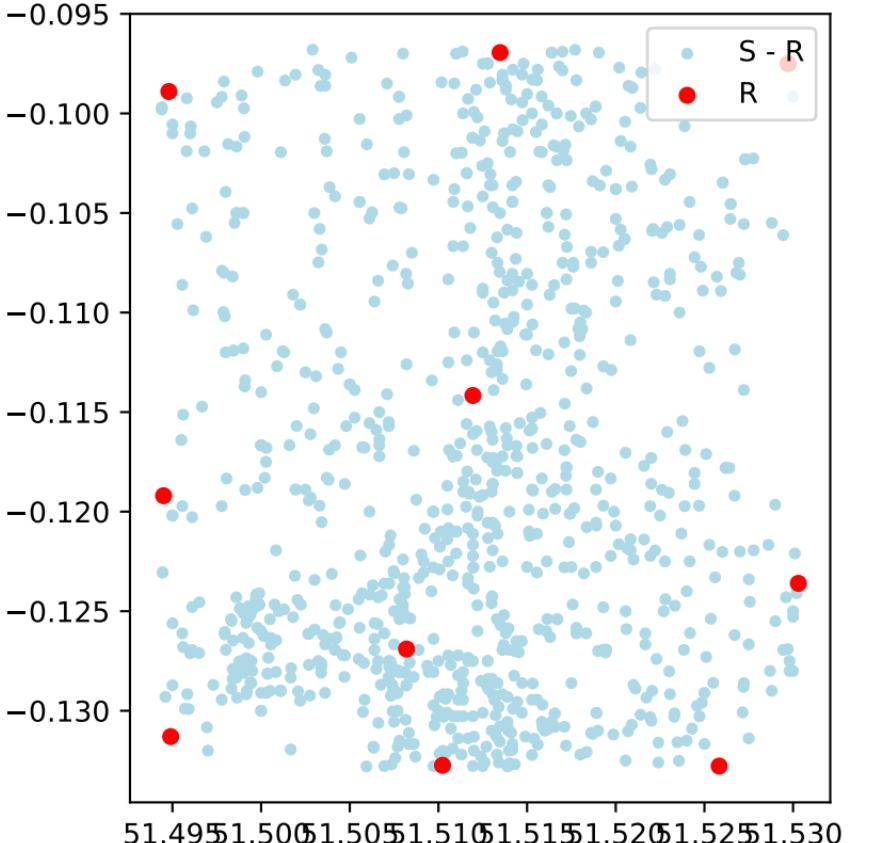
Score: 2568.9870

Grid Sampling

Score: 2116.6614

Sampling

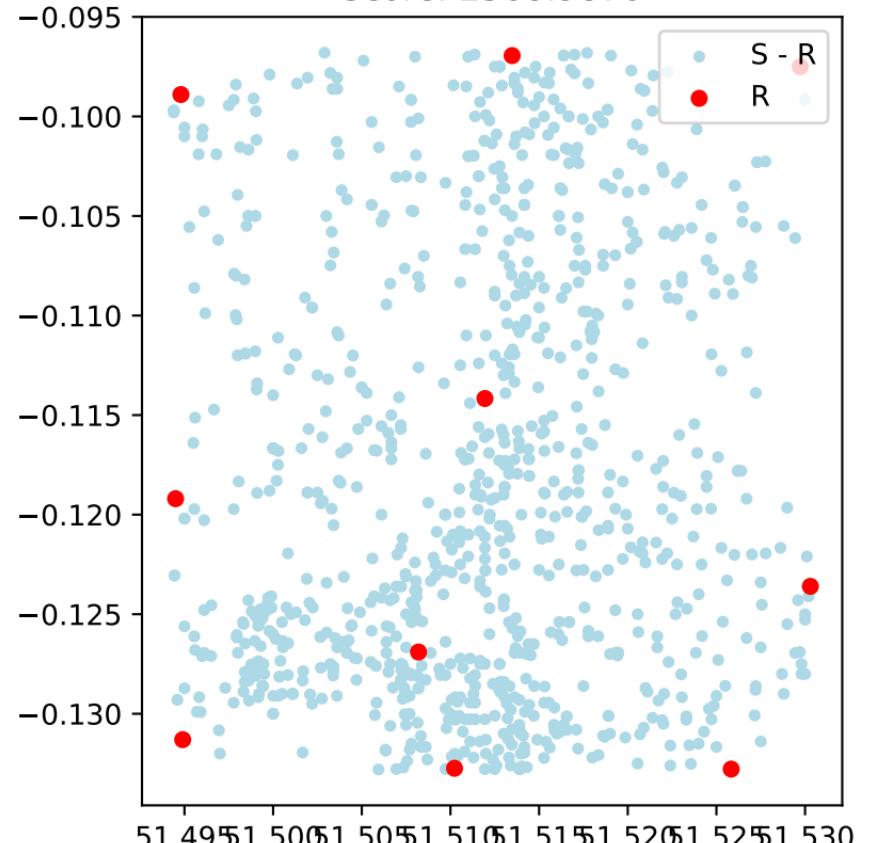
Score: 2359.8455



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=10 | G=100 (10x10)

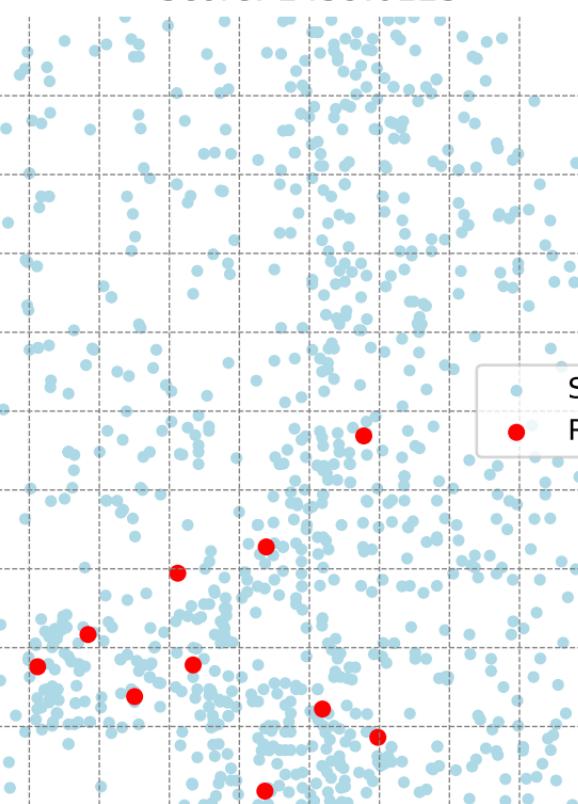
Baseline No R

Score: 2568.9870



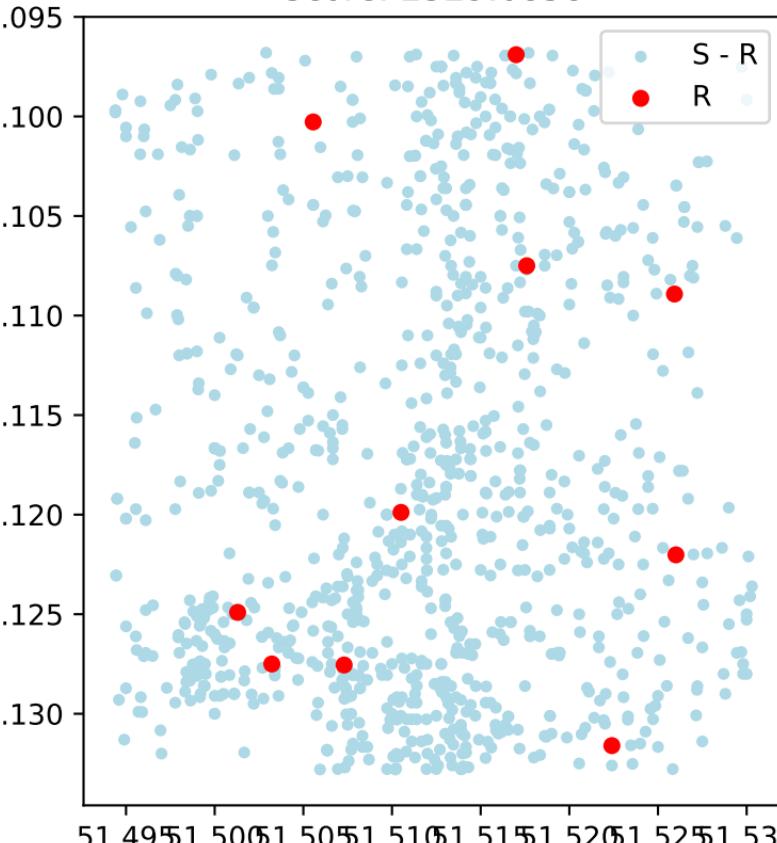
Undersampling

Score: 1459.6123



Oversampling

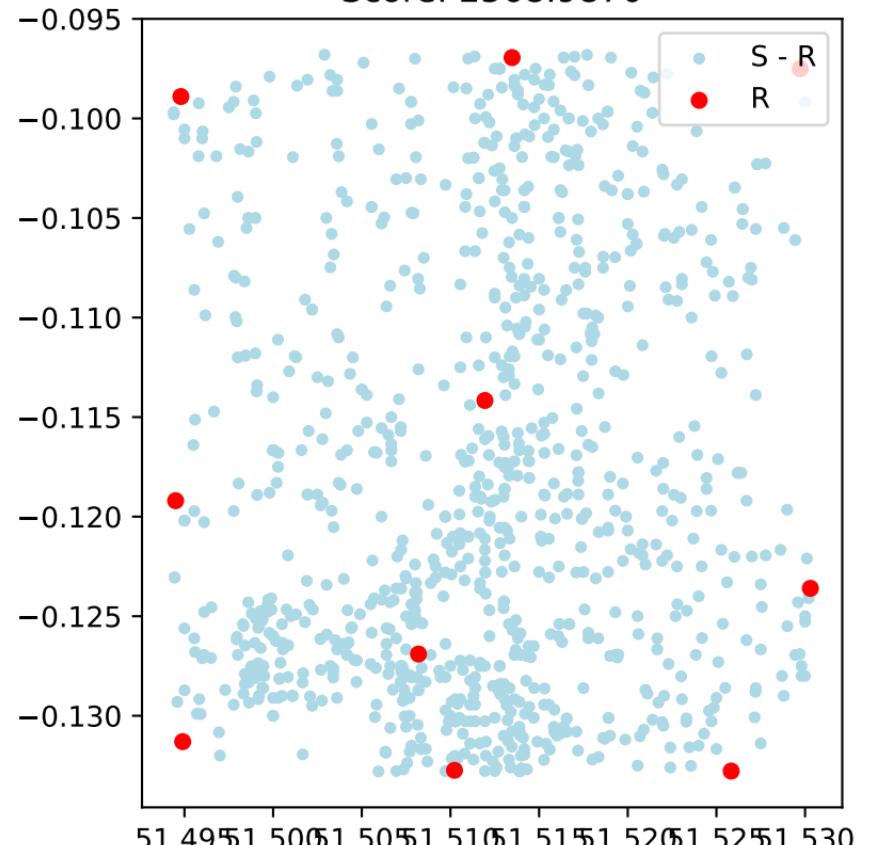
Score: 2329.6858



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=10 | G=256 (16x16)

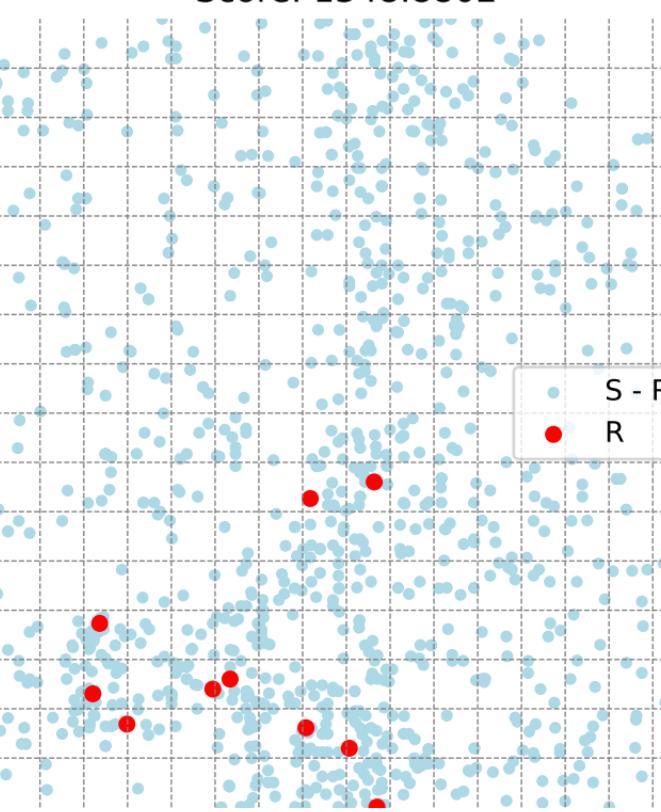
Baseline No R

Score: 2568.9870



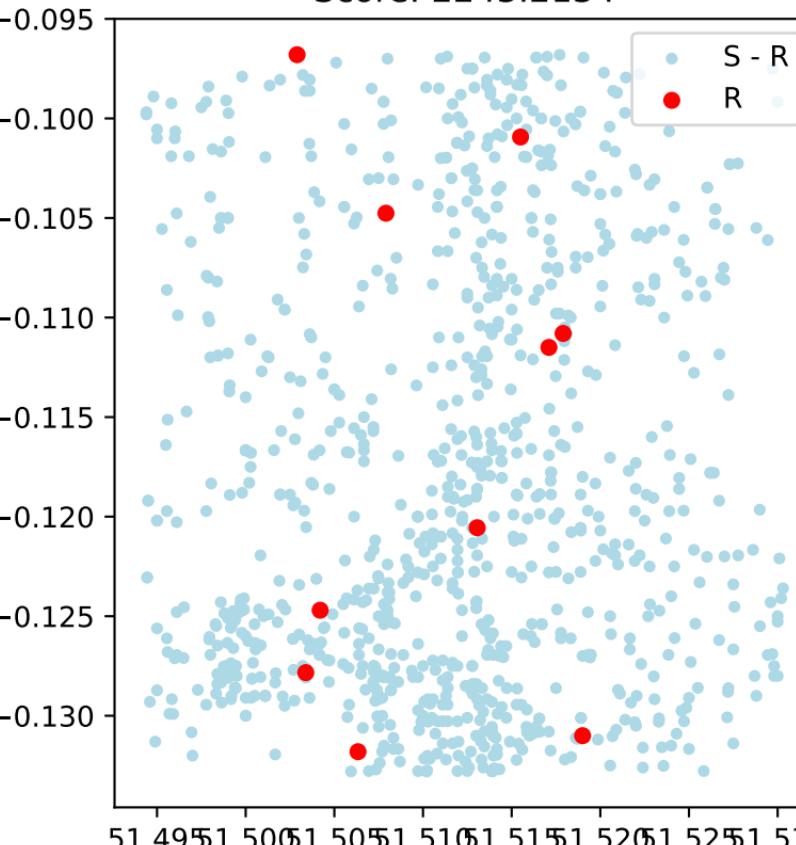
Undersampling

Score: 1348.8802



Oversampling

Score: 2243.2134

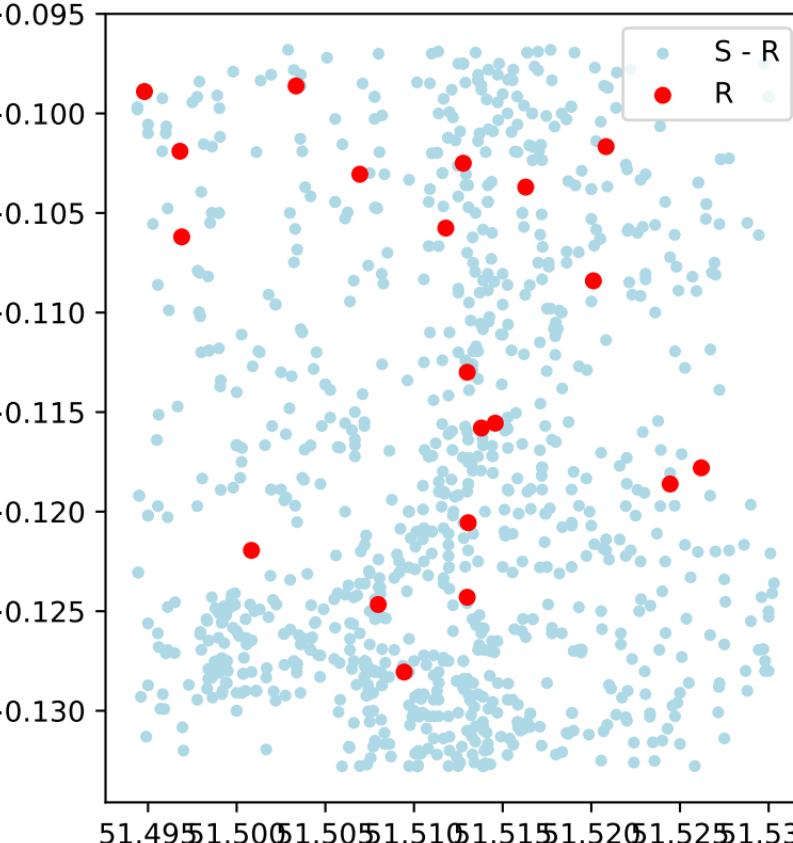
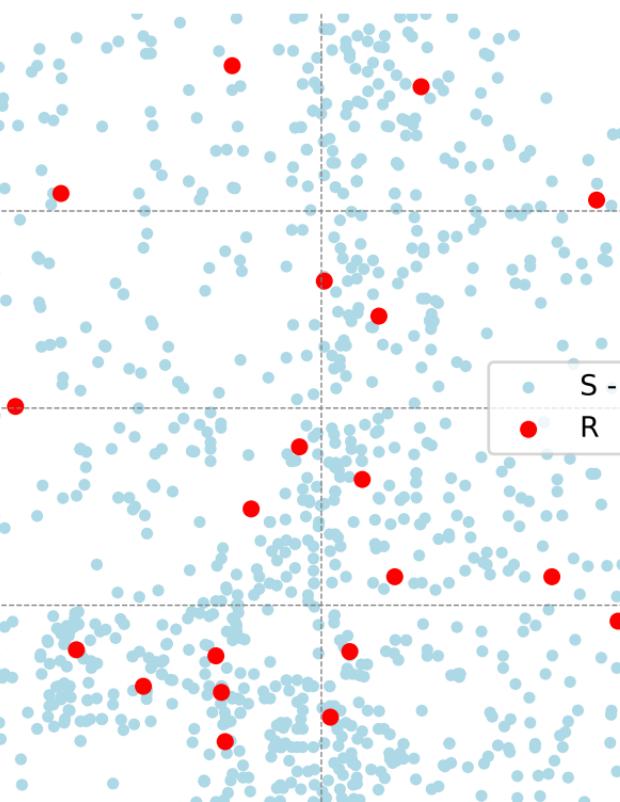
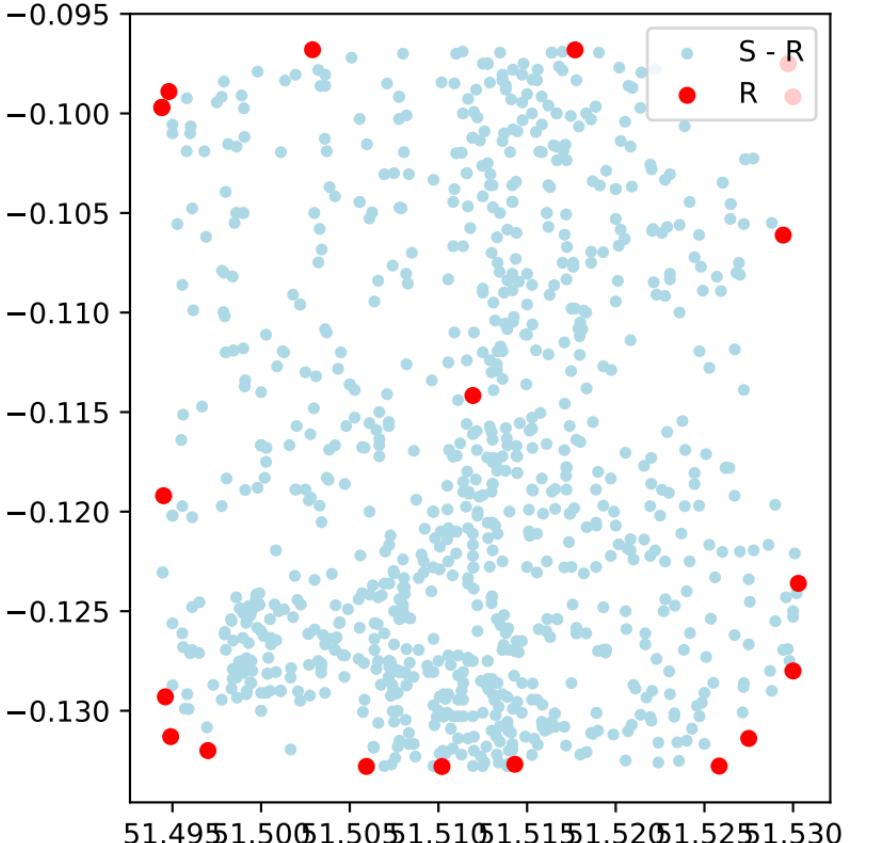


Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=20 | G=8 (2x4)

Base Iadu No R
Score: 2371.0560

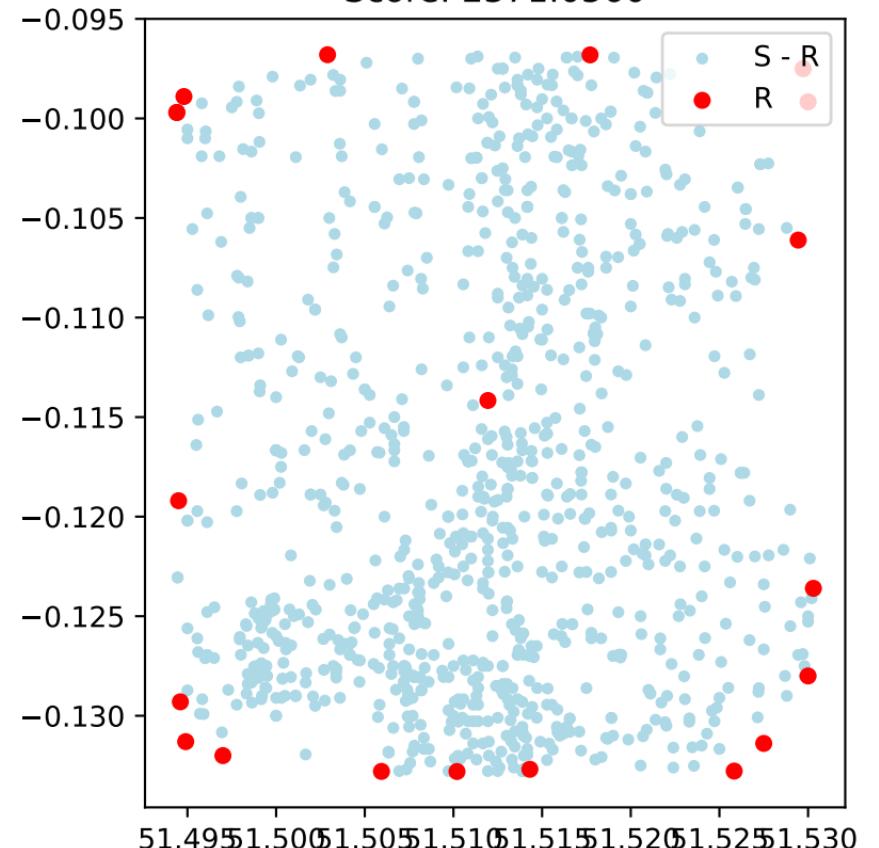
Grid Sampling
Score: 684.2678

Sampling
Score: 219.6074

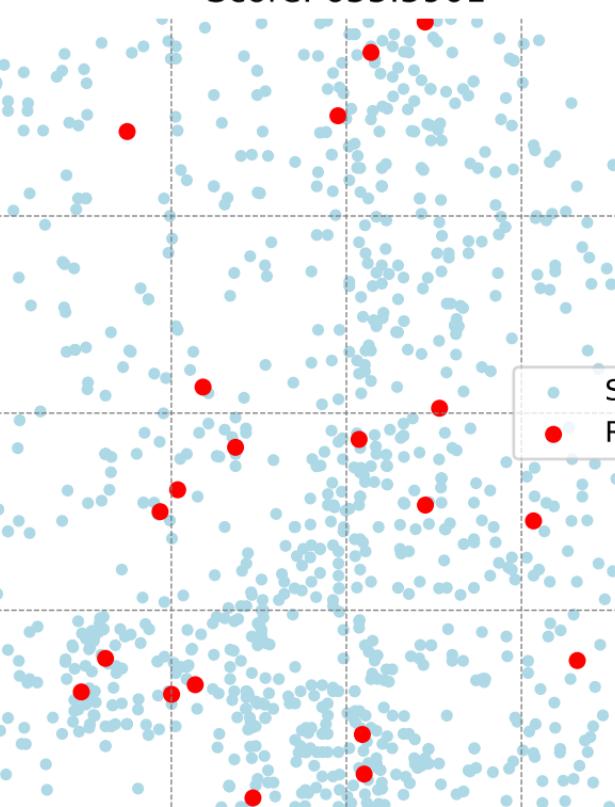


Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=20 | G=16 (4x4)

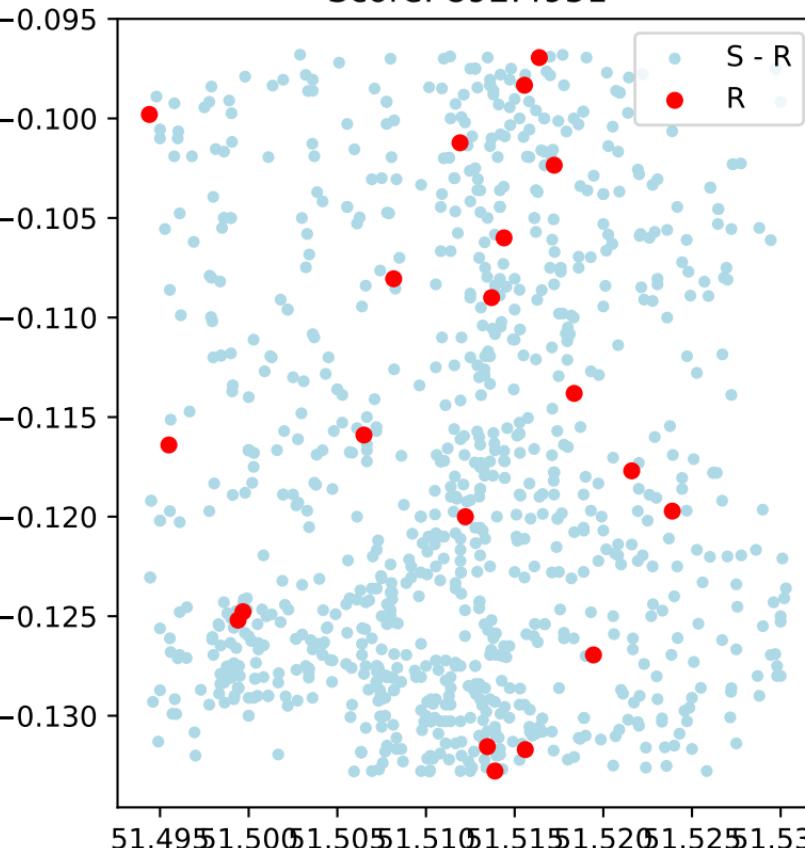
Baseline No R
Score: 2371.0560



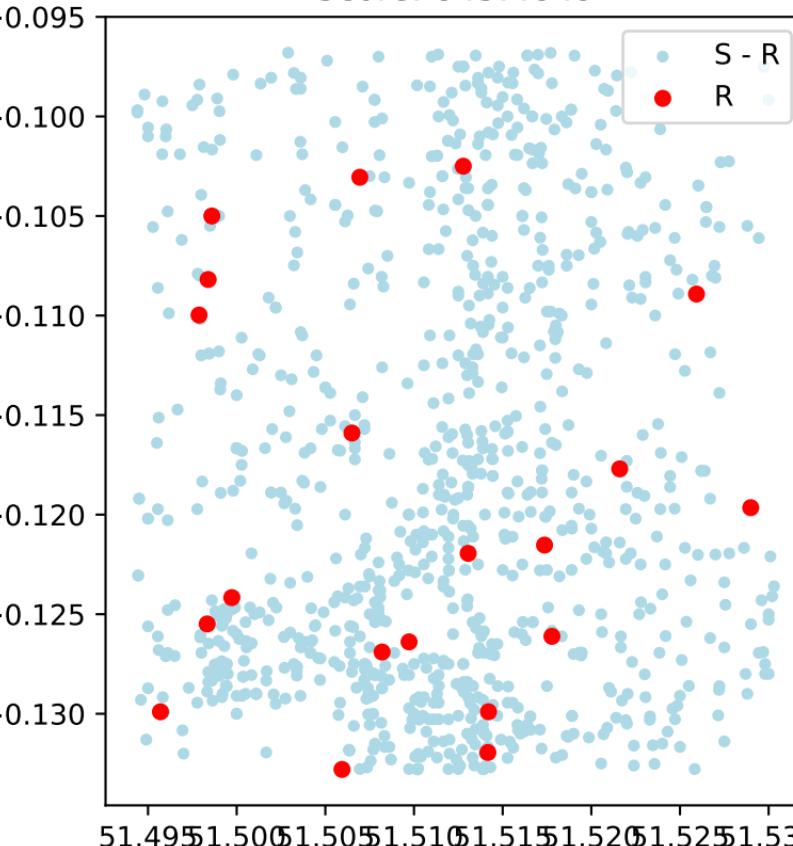
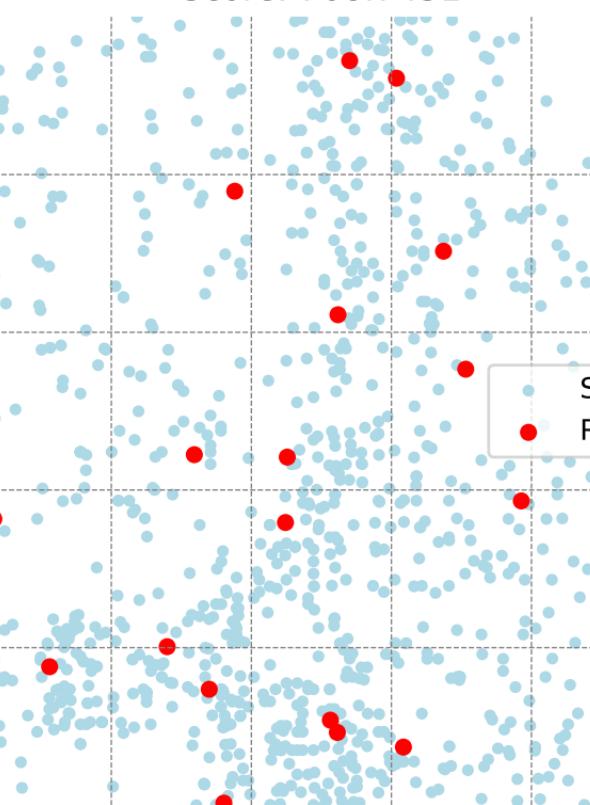
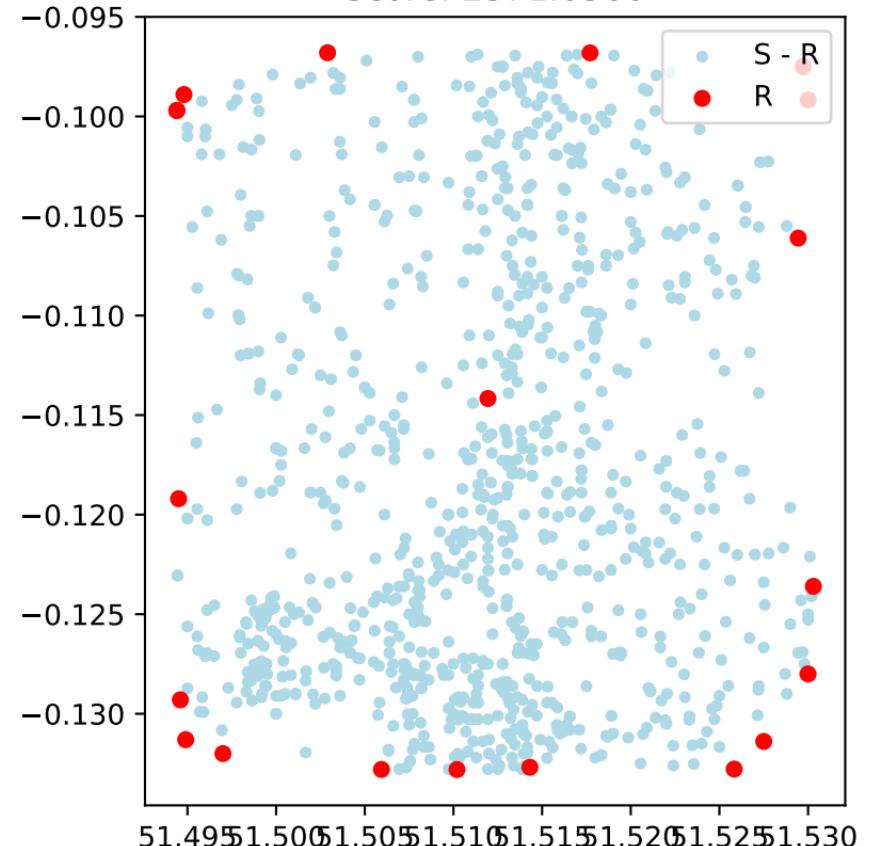
Grid Sampling
Score: 655.5901



Sampling
Score: 892.4951



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=20 | G=25 (5x5)



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=20 | G=100 (10x10)

Baseline No R

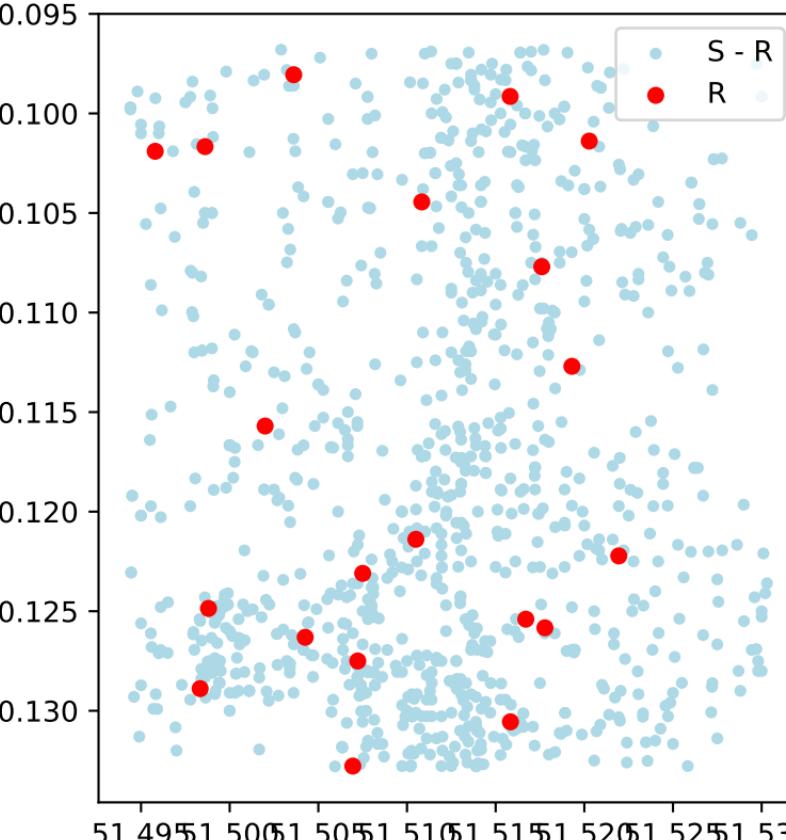
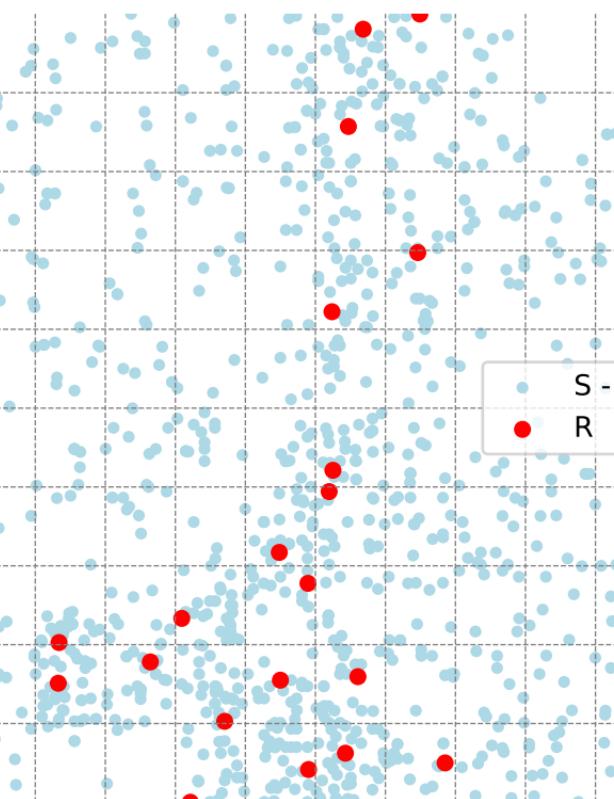
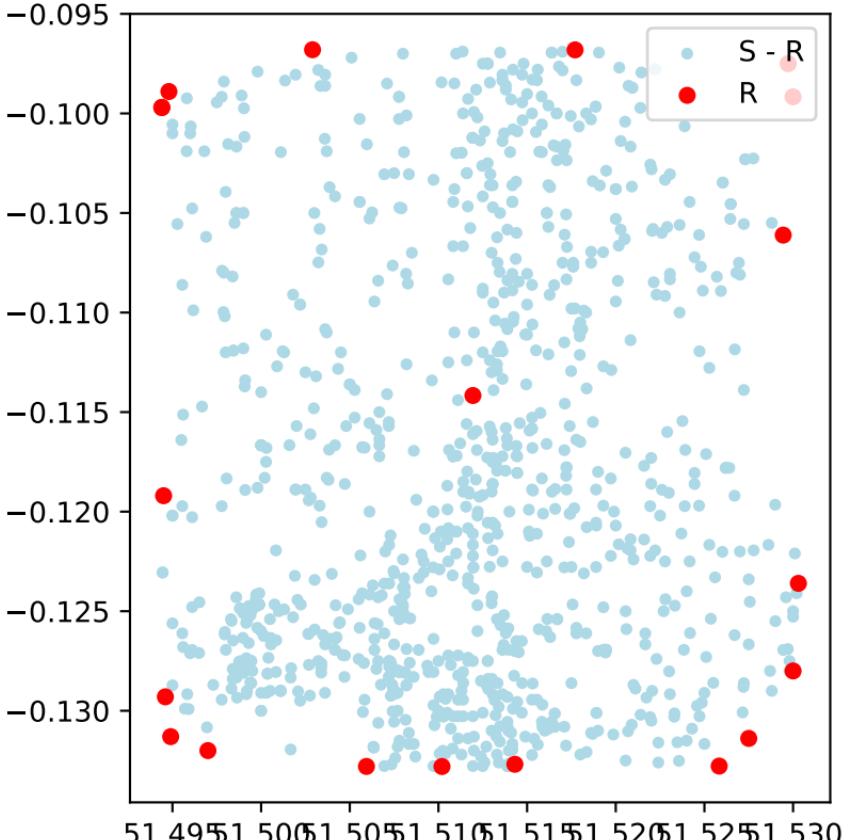
Grid Sampling

Sampling

Score: 2371.0560

Score: 304.2789

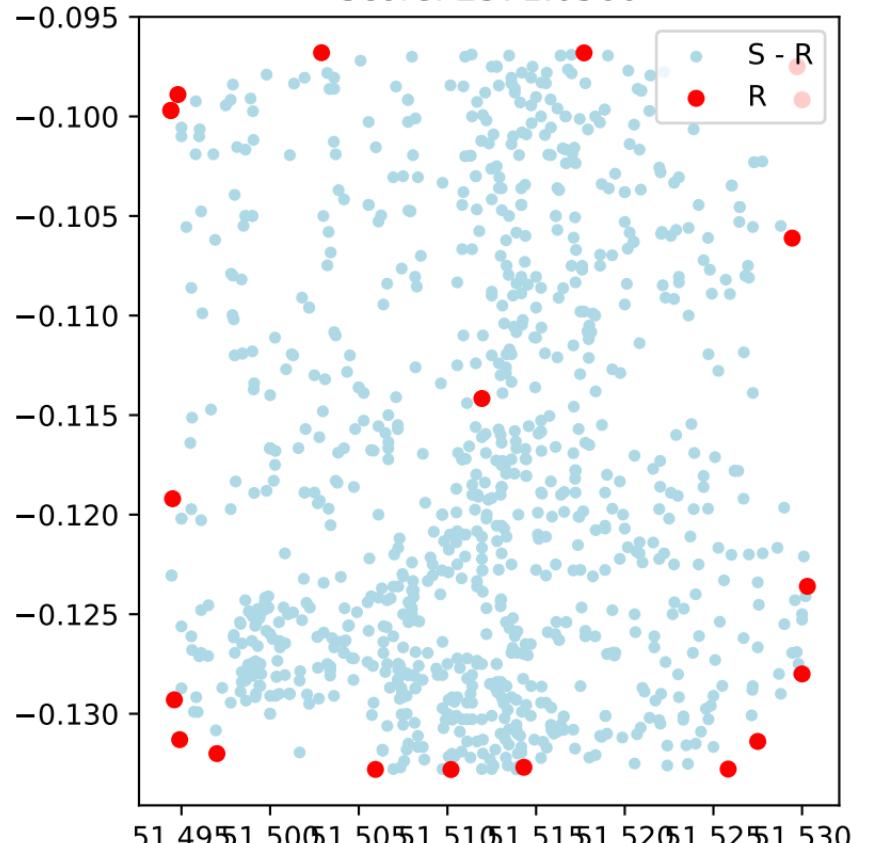
Score: 1004.7077



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=20 | G=256 (16x16)

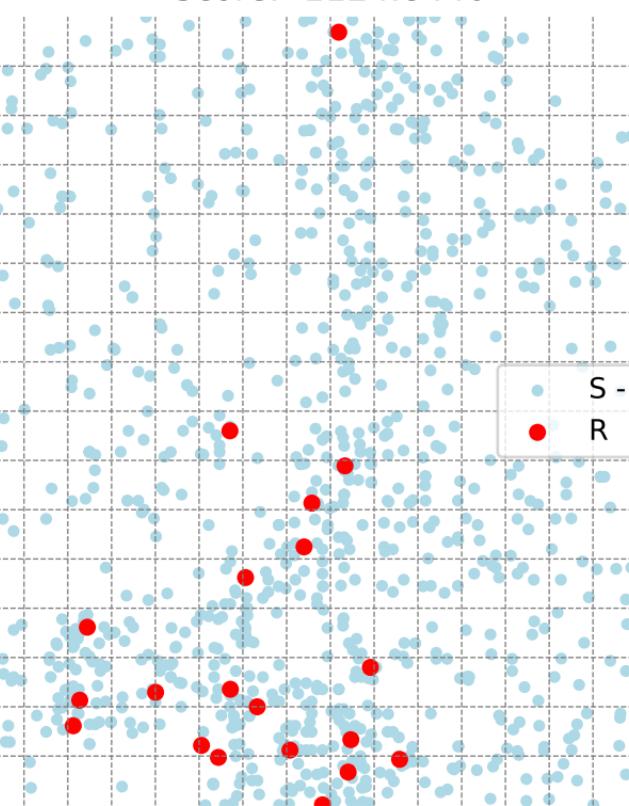
Baseline No R

Score: 2371.0560



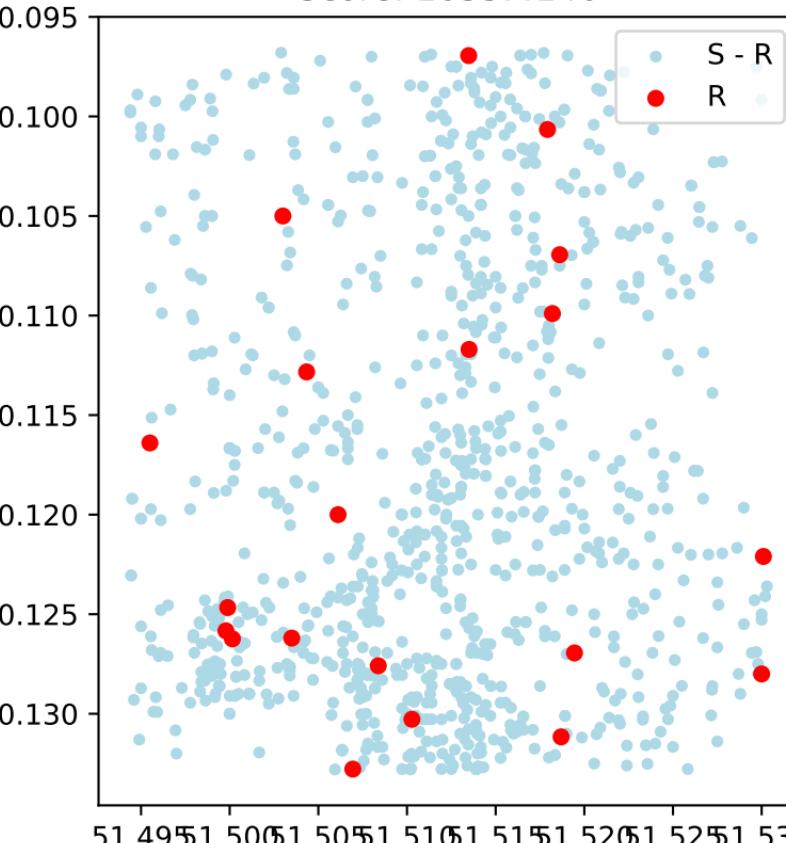
Undersampling

Score: -1124.8440



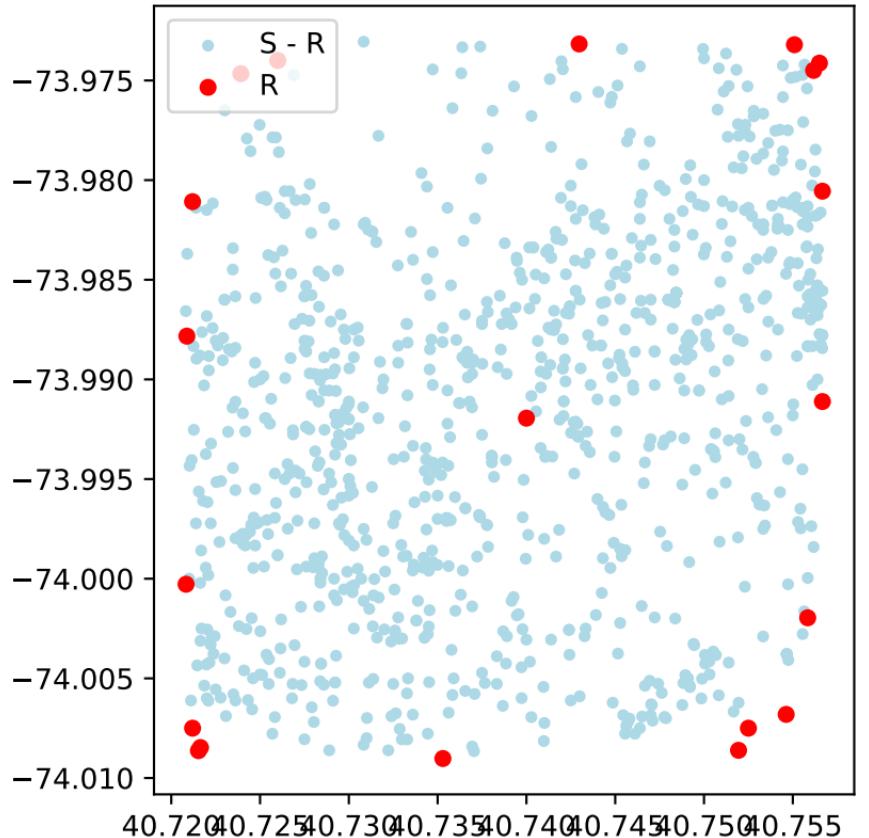
Oversampling

Score: 1035.4146

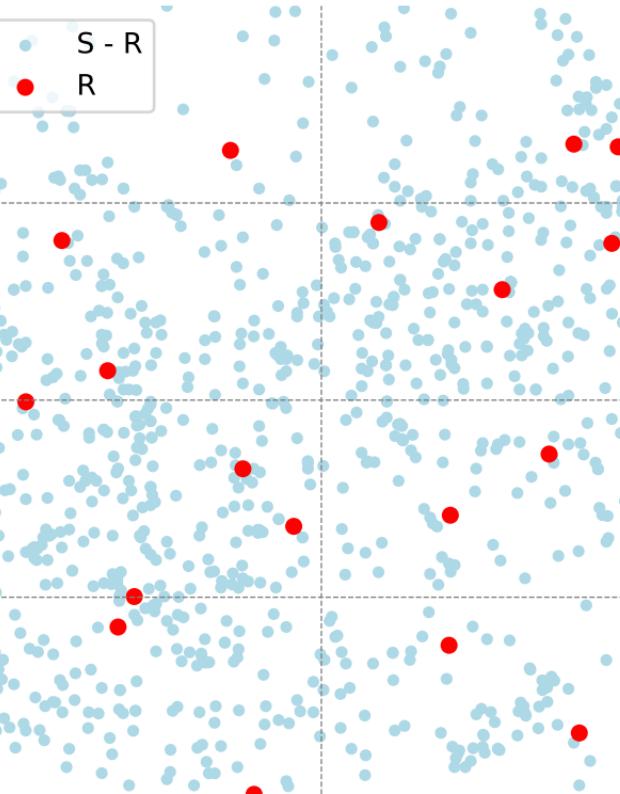


Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=20 | G=8 (2x4)

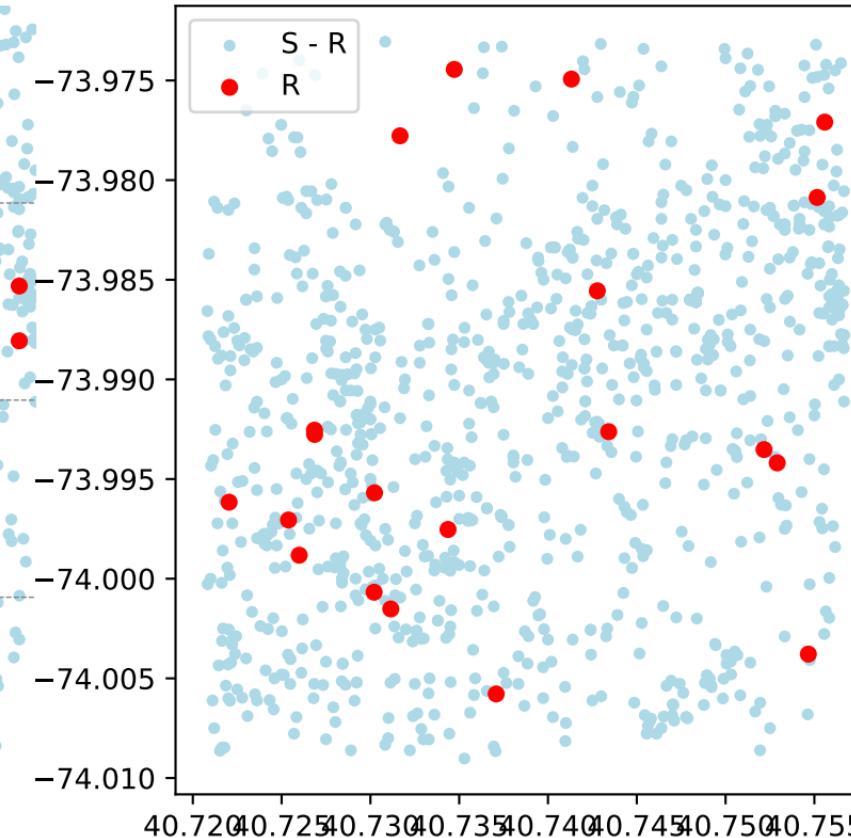
Base Fadu No R
Score: 2283.0529



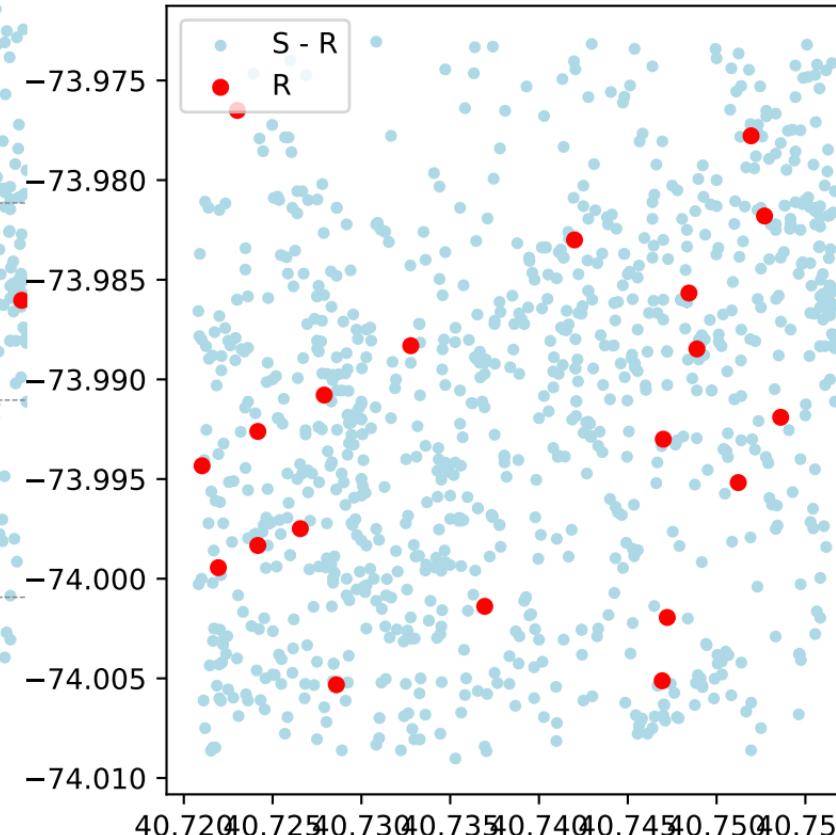
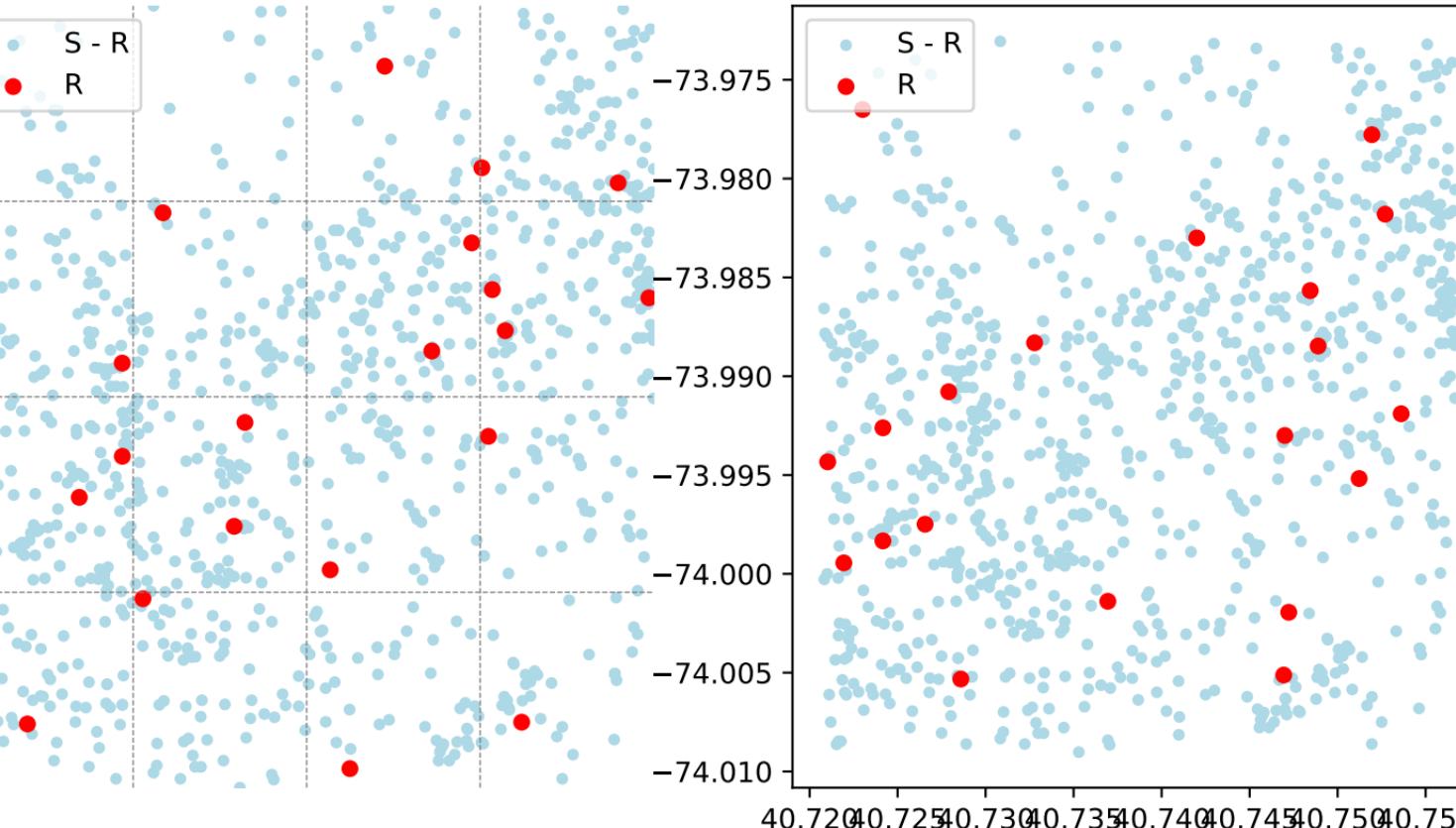
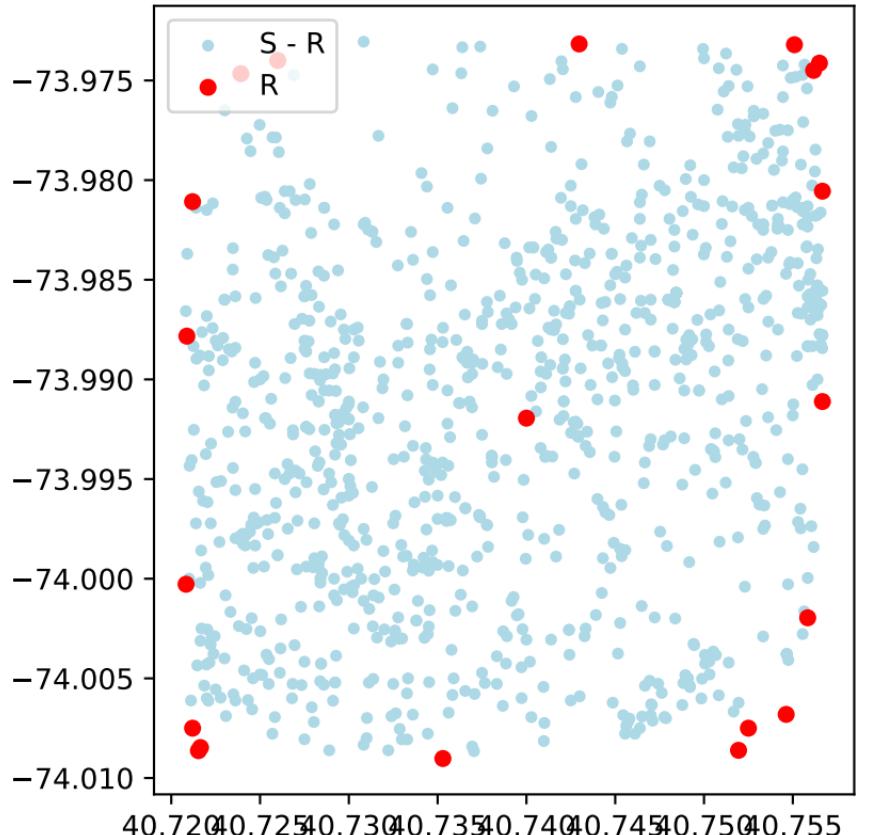
Grid Sampling
Score: 863.0050



Sampling
Score: 914.8972



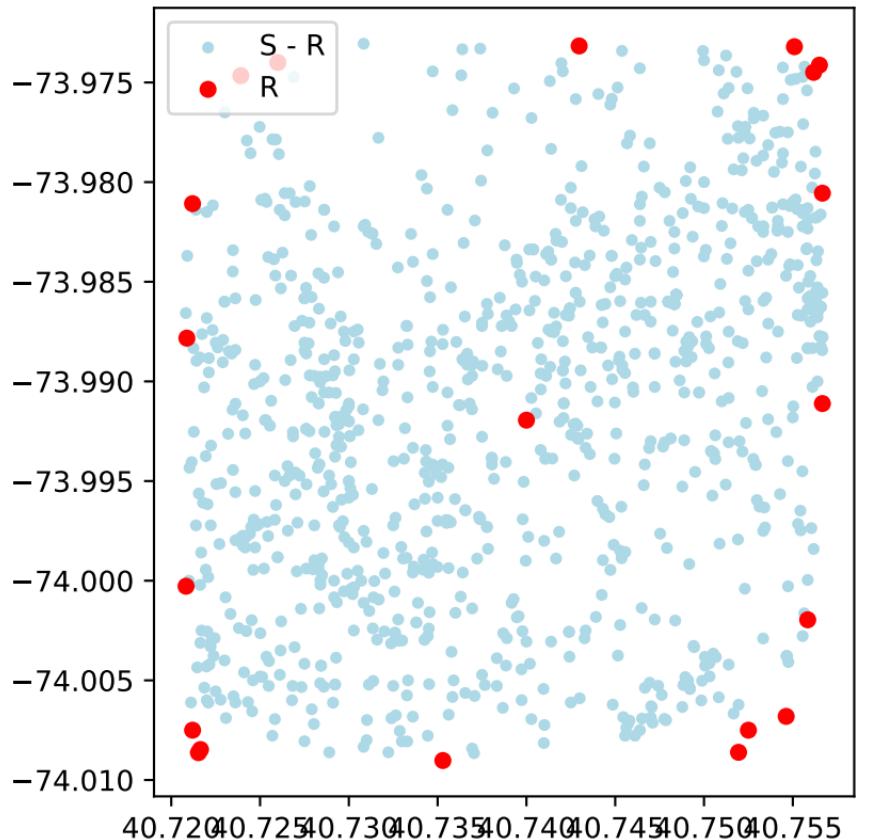
Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=20 | G=16 (4x4)



Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=20 | G=25 (5x5)

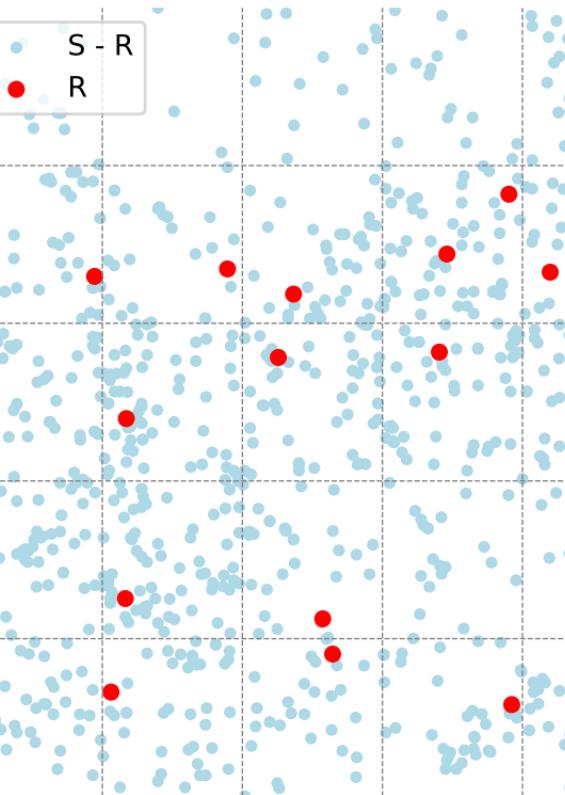
Baseline No R

Score: 2283.0529



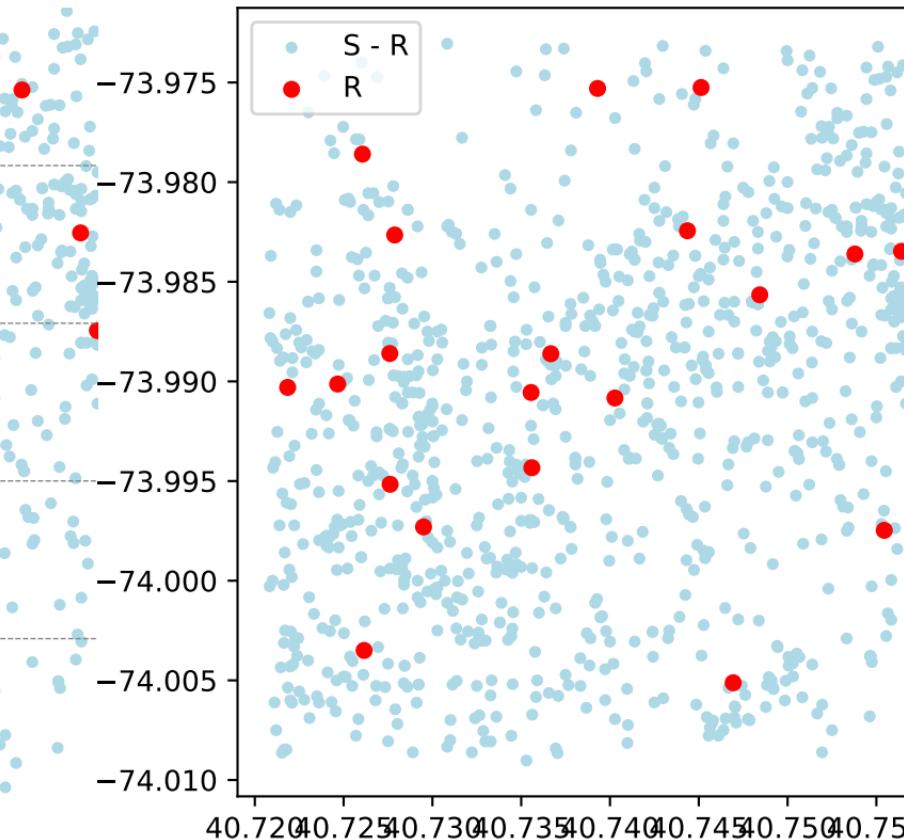
Grid Sampling

Score: 882.4647

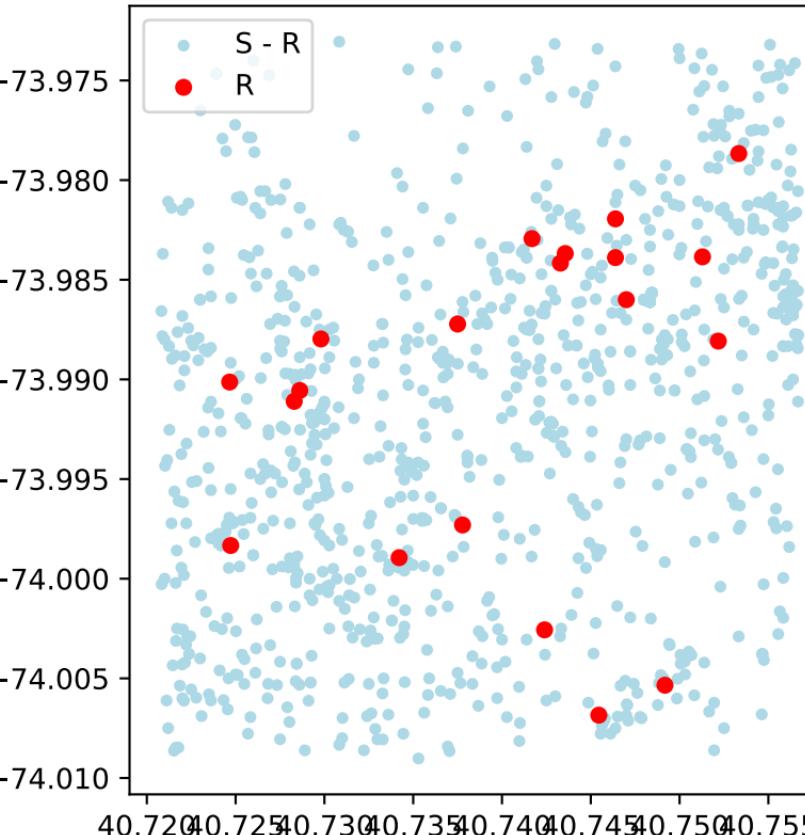
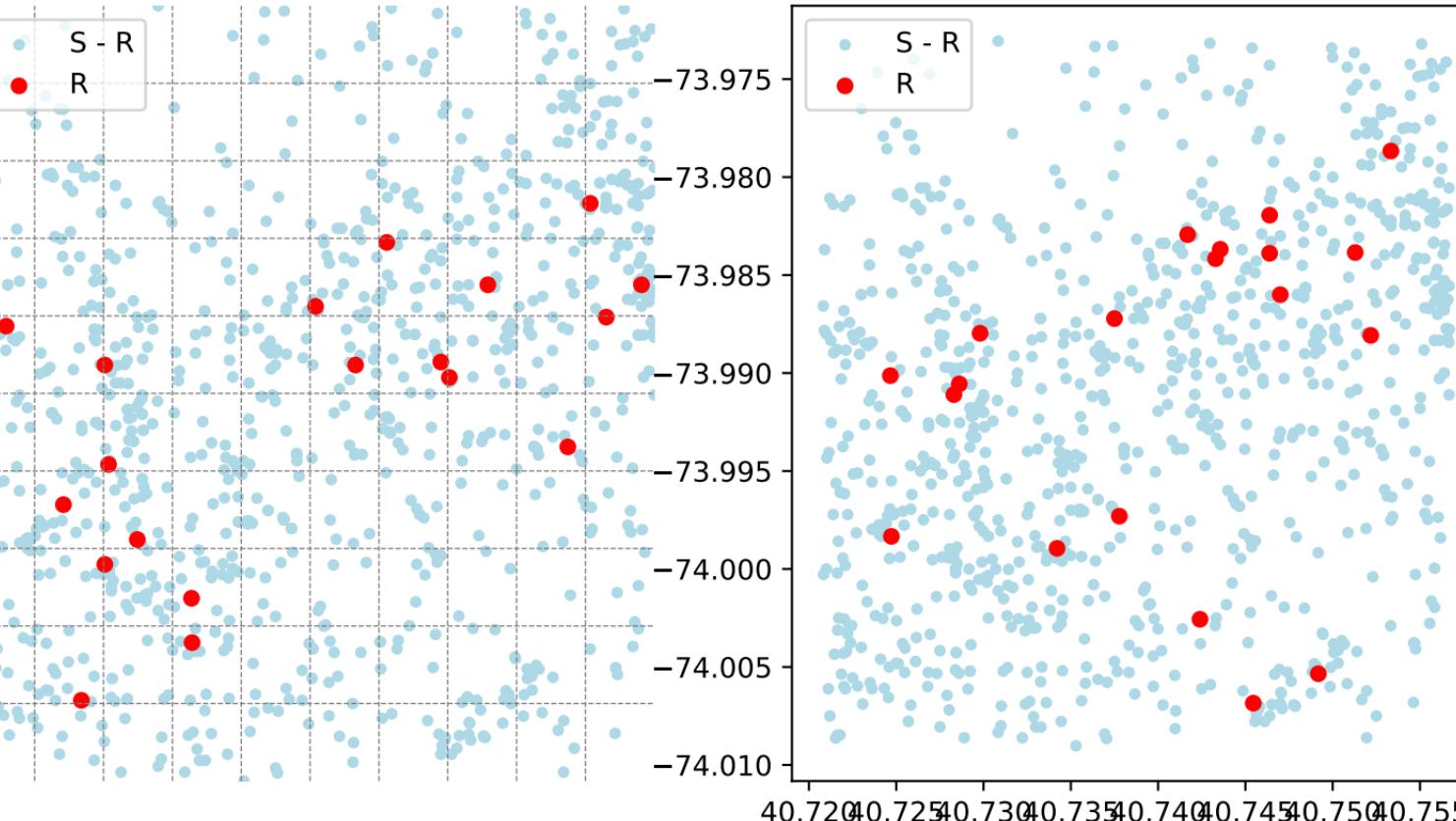
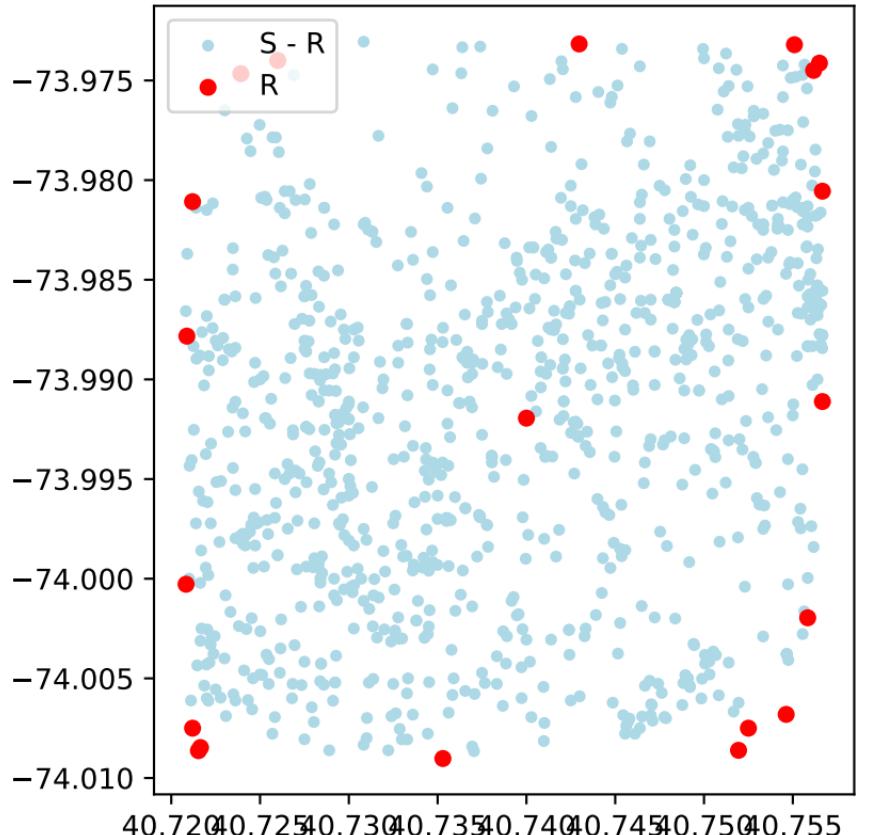


Sampling

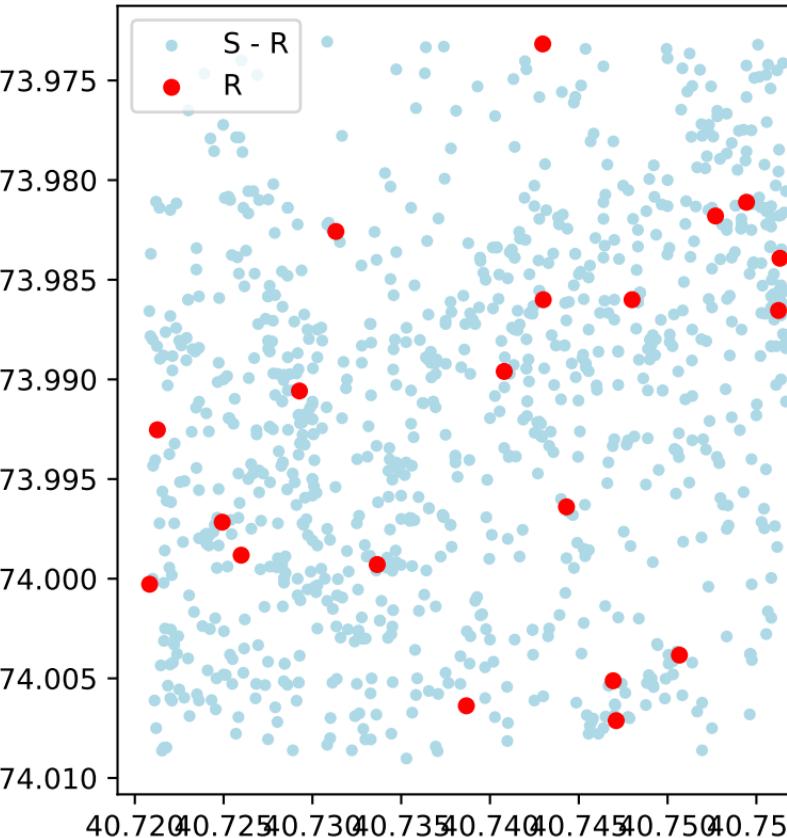
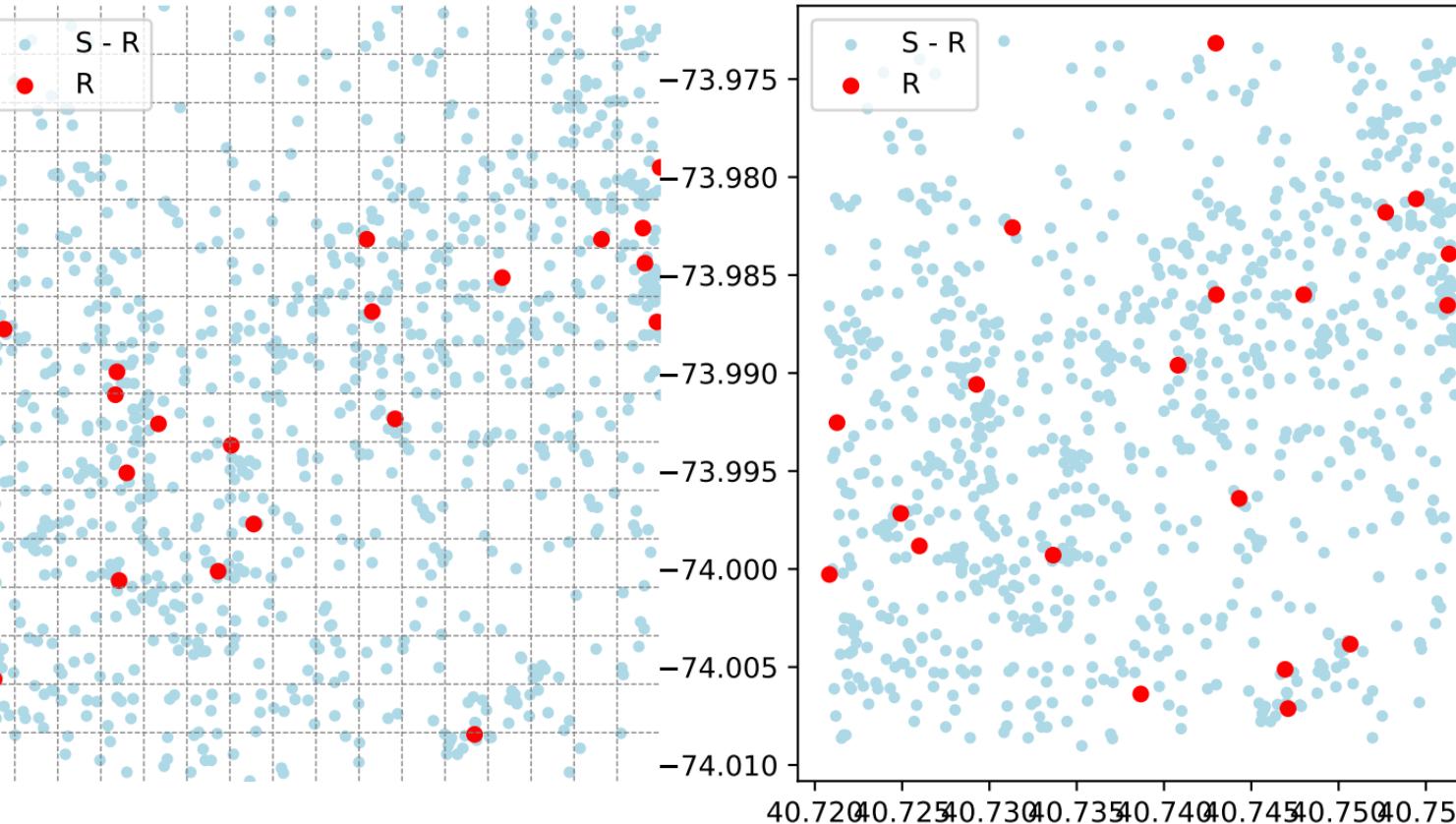
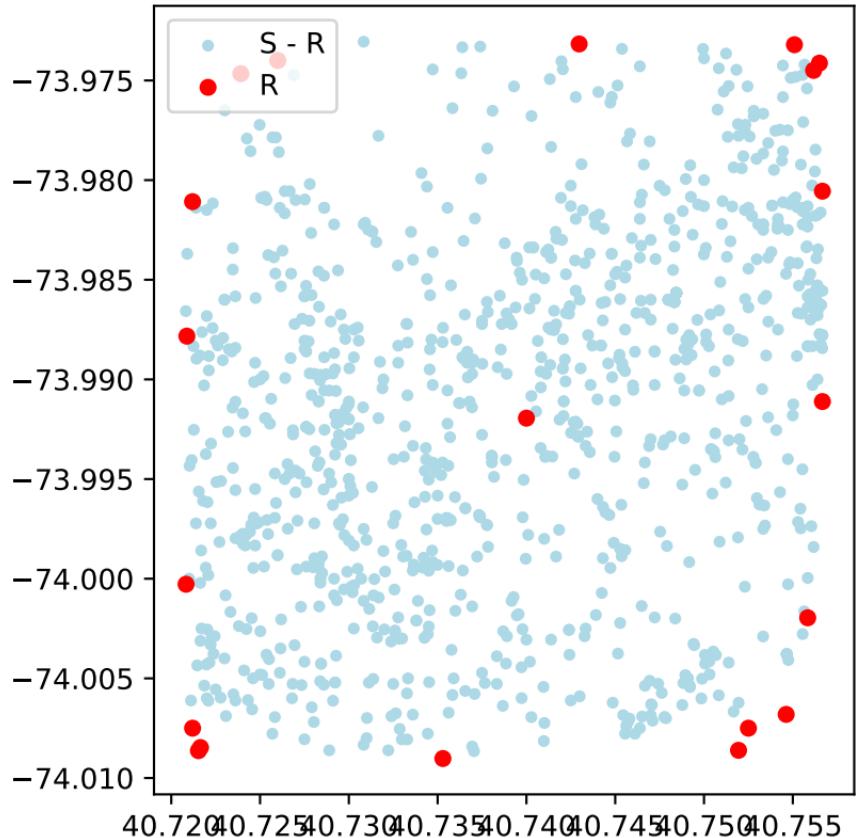
Score: 630.9482

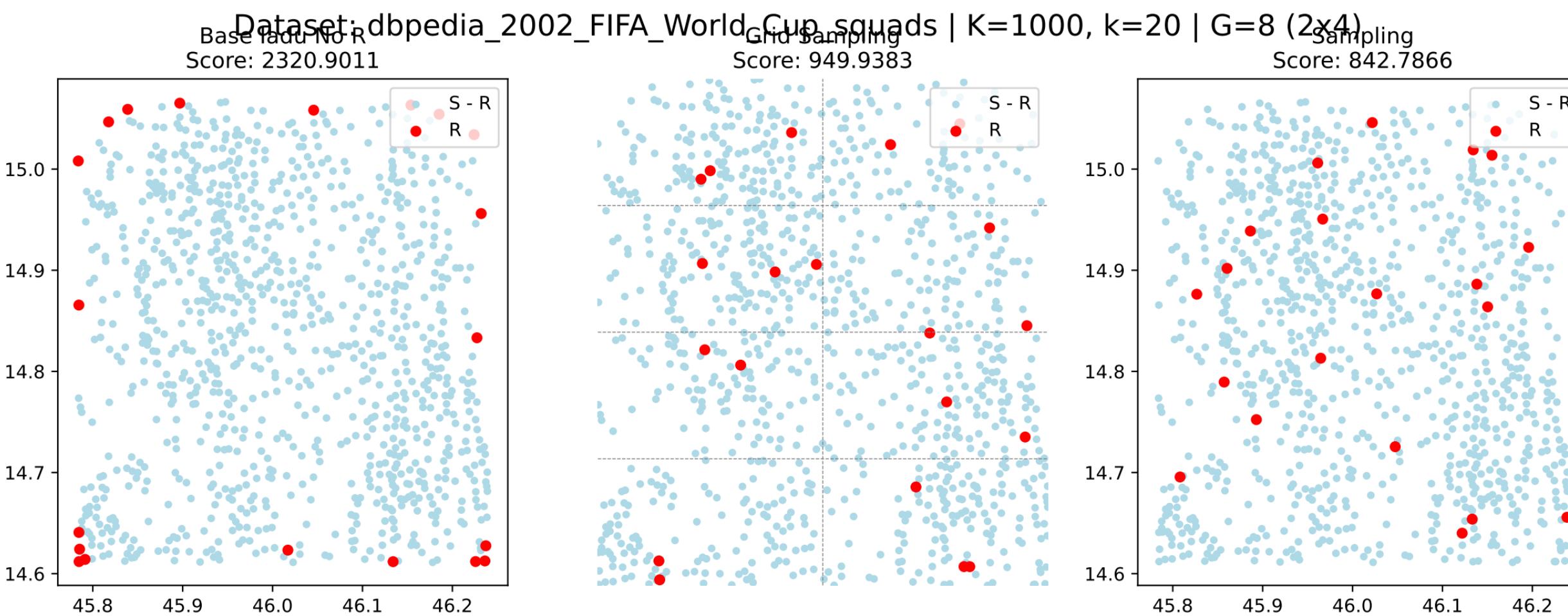


Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=20 | G=100 (10x10)
Sampling
Score: 2283.0529



Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=20 | G=256 (16x16)
Baseline No Rnd Sampling Rnd Sampling Rnd Sampling
Score: 2283.0529 Score: 641.0687 Score: 1078.6249



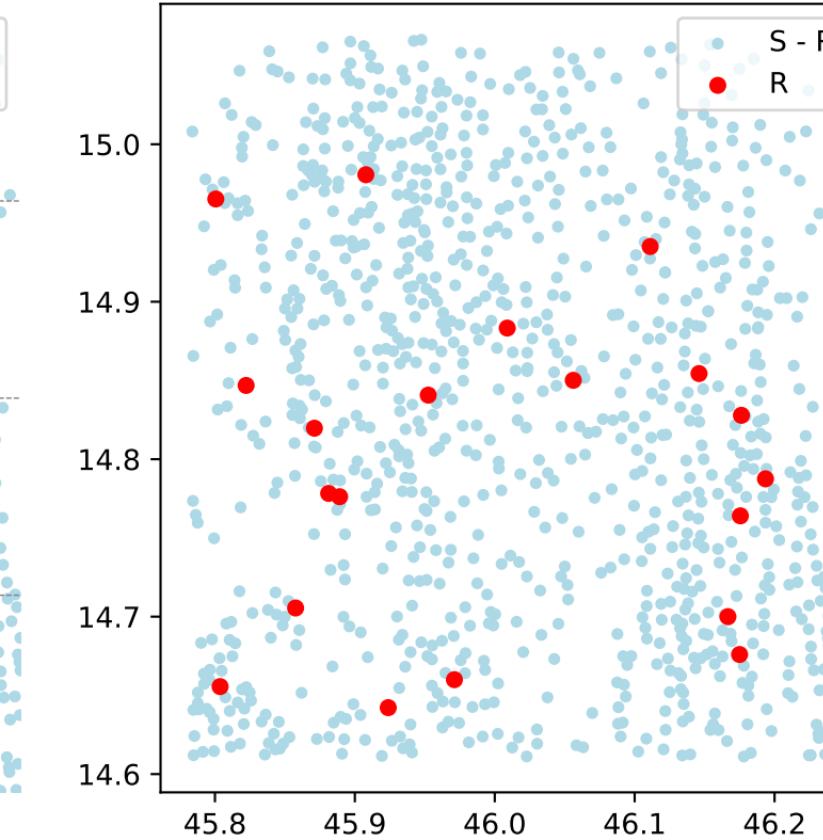
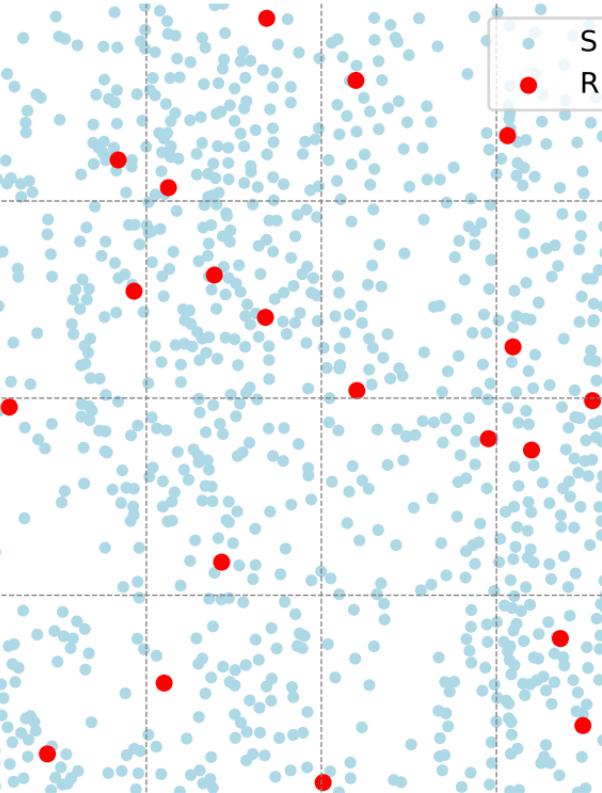
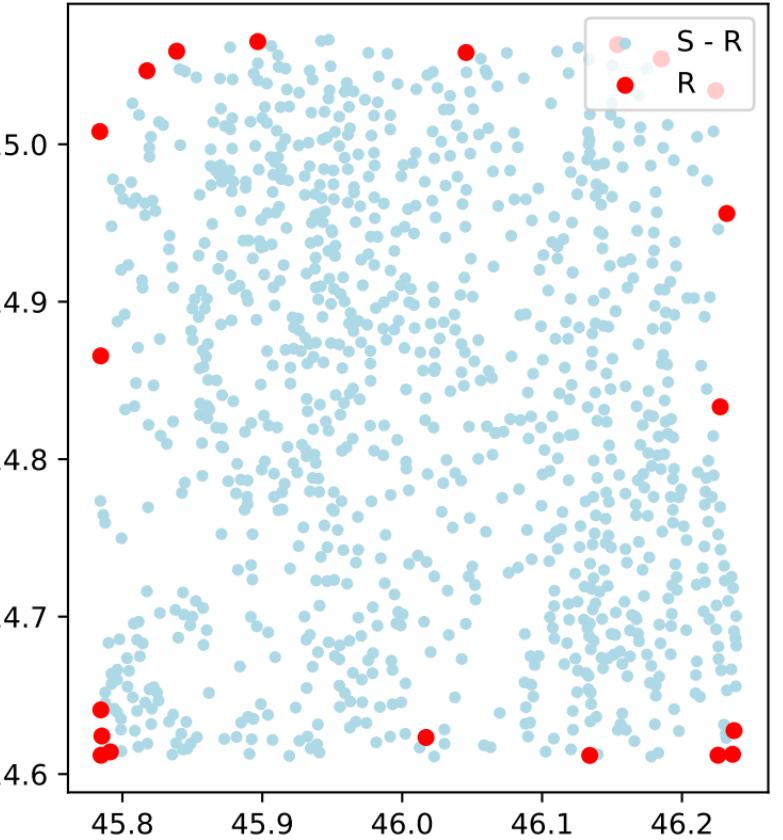


Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=20 | G=16 (4x4)

Baseline No R
Score: 2320.9011

Grid Sampling
Score: 759.6631

Sampling
Score: 494.0637



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=20 | G=25 (5x5)

Baseline No R

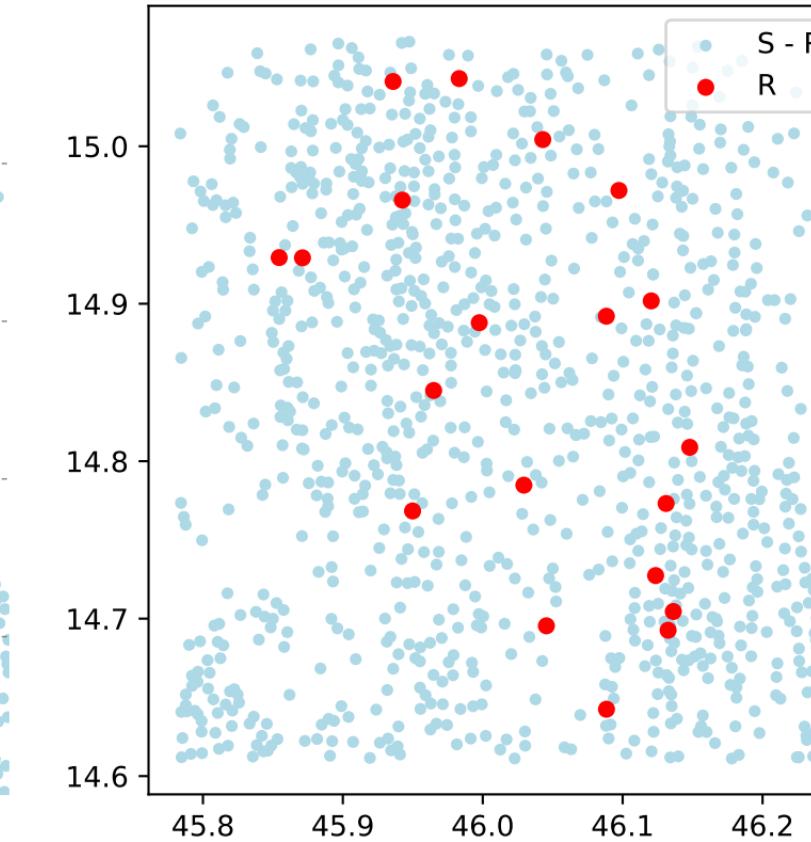
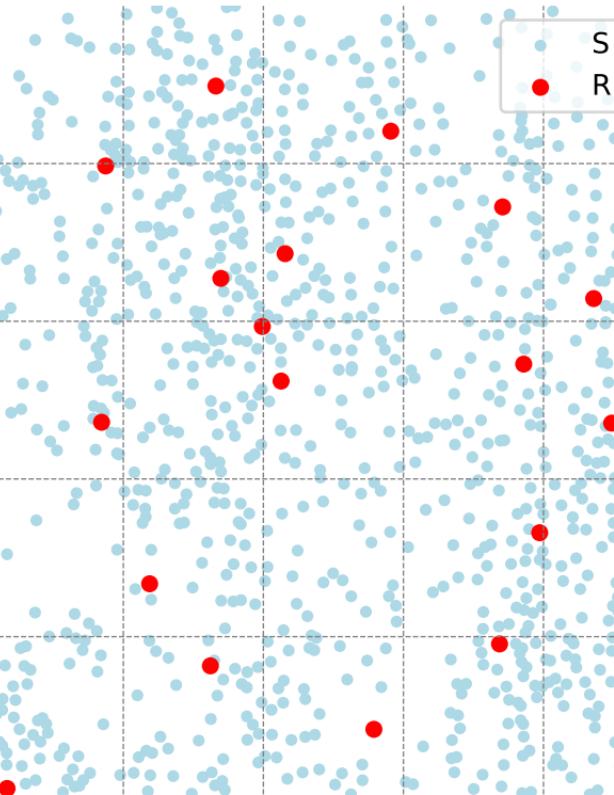
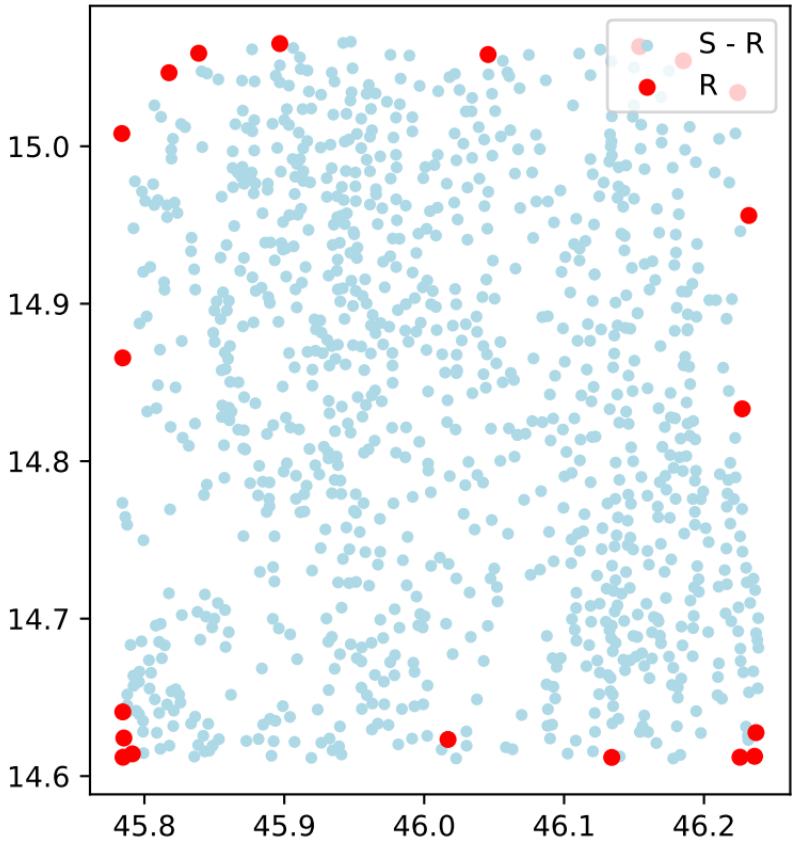
Score: 2320.9011

Grid Sampling

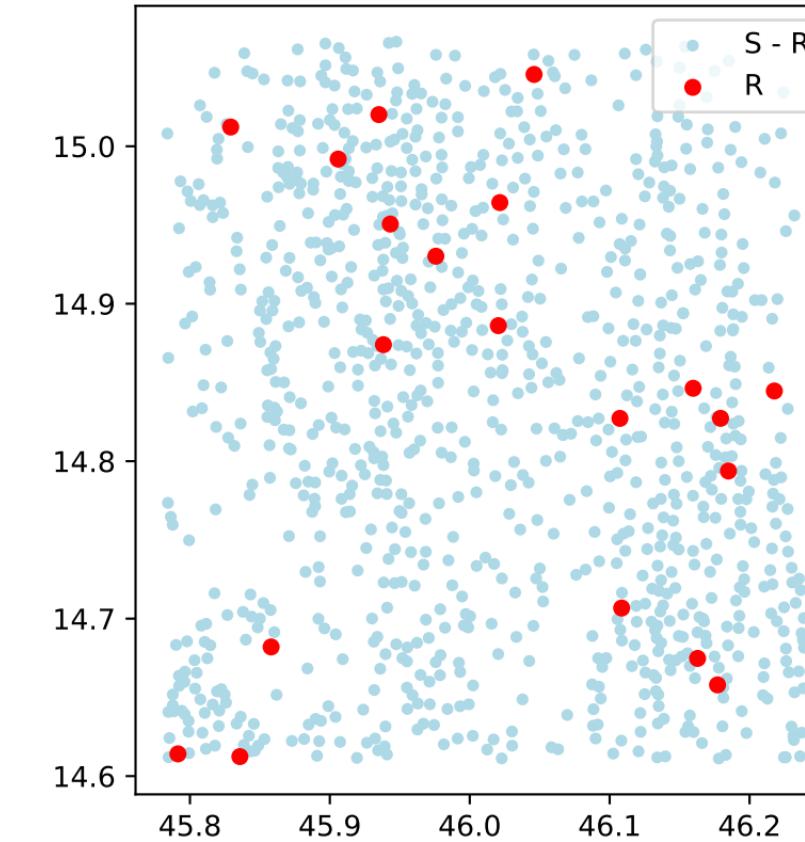
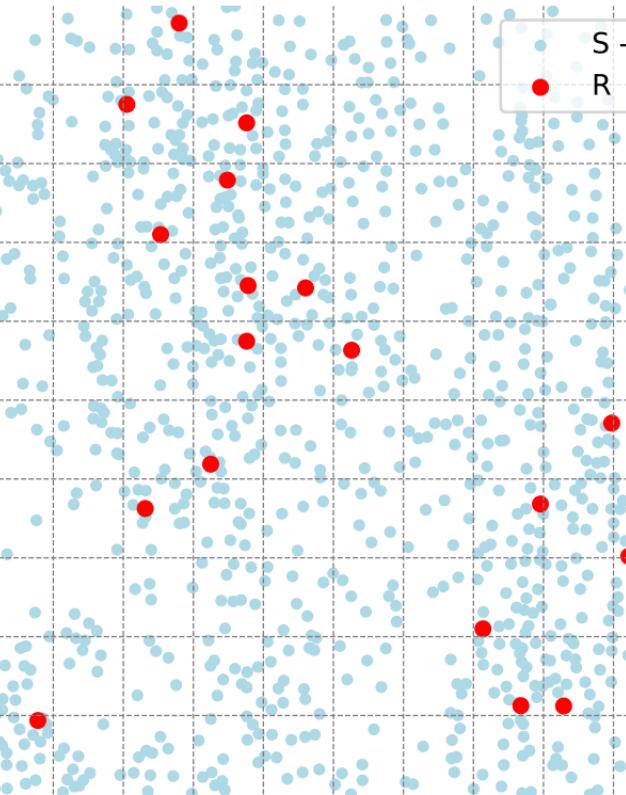
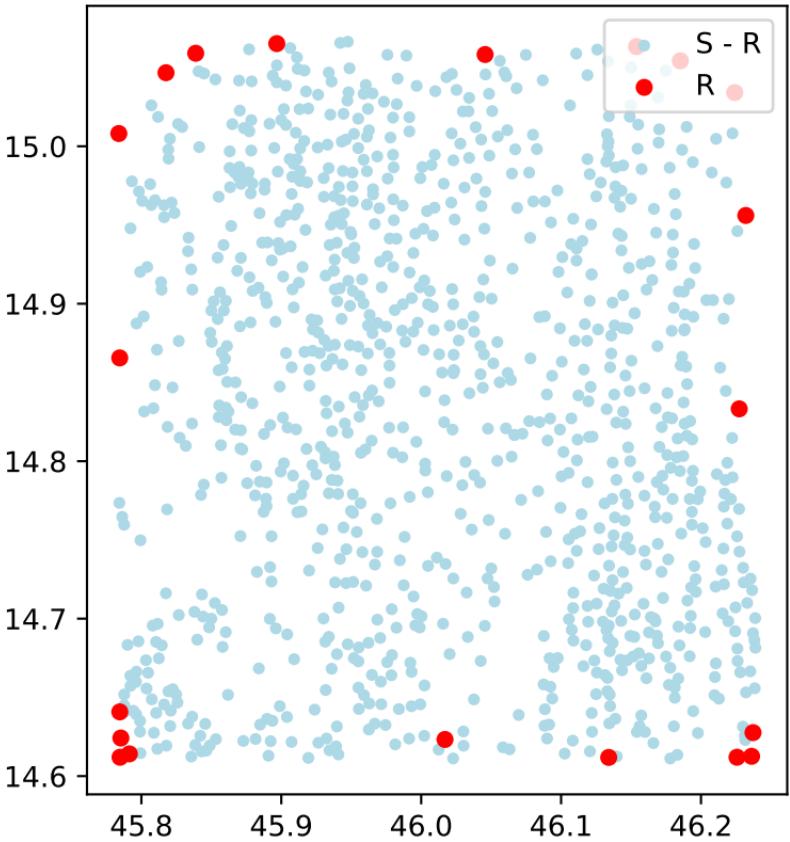
Score: 676.4172

Sampling

Score: 73.0802



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=20 | G=100 (10x10)
Sampling: Baseline No R | Undersampling | OverSampling | Random Sampling
Score: 2320.9011



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=20 | G=256 (16x16)

Baseline No R

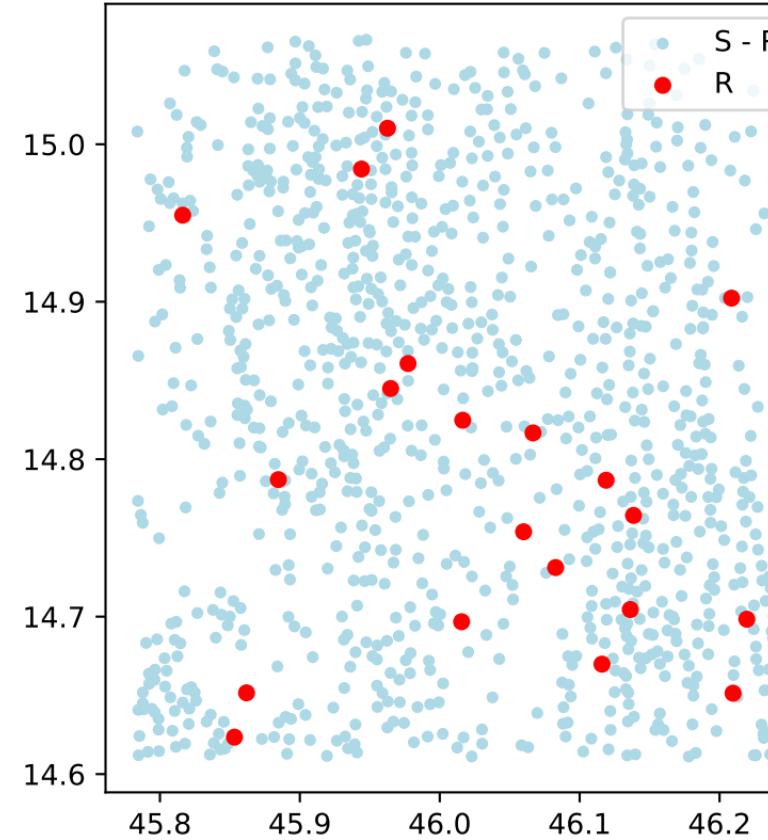
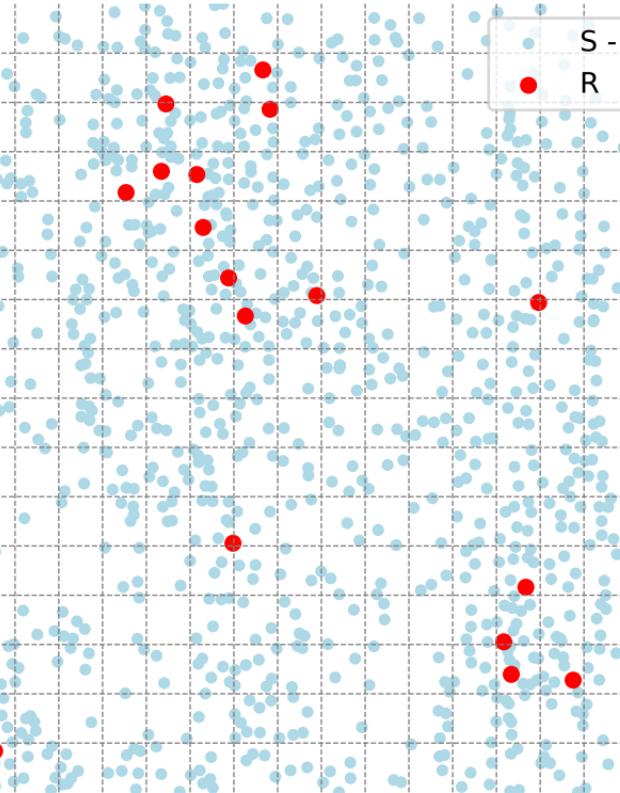
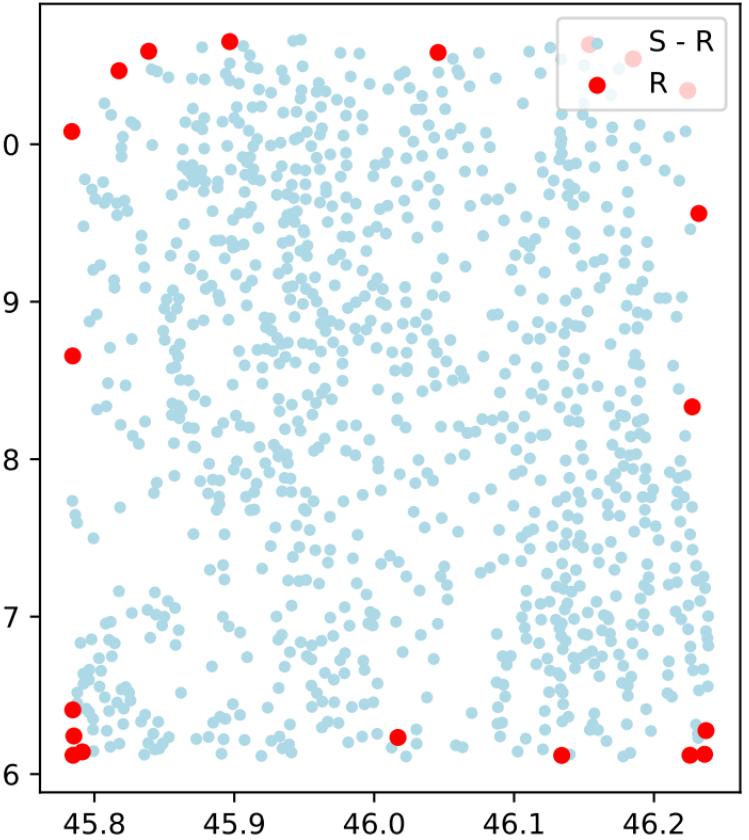
Grid Sampling

Sampling

Score: 2320.9011

Score: 824.4328

Score: 230.5605

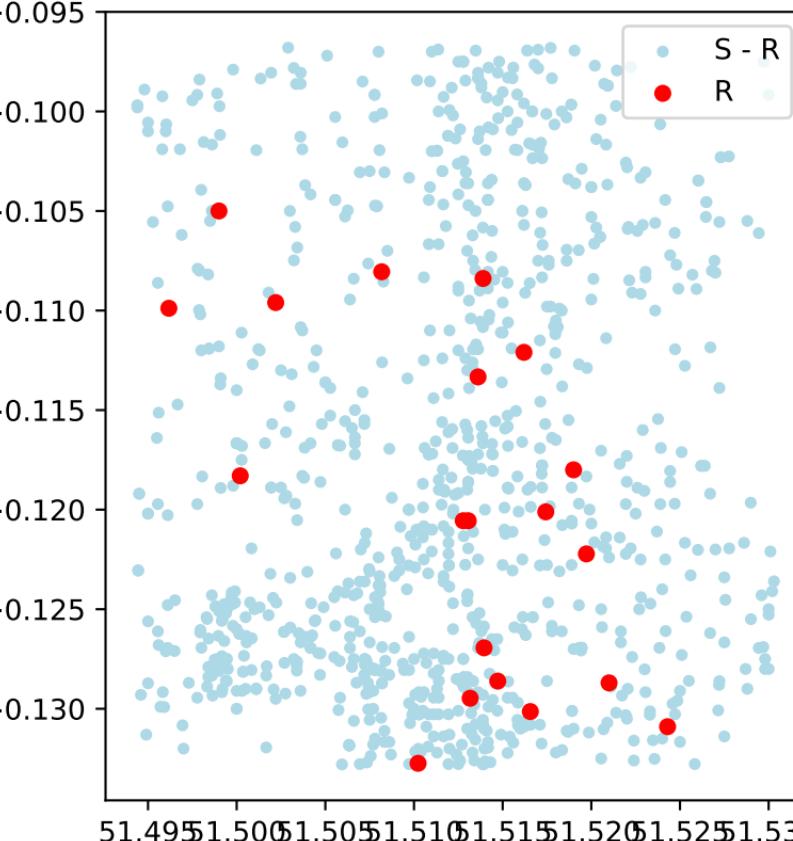
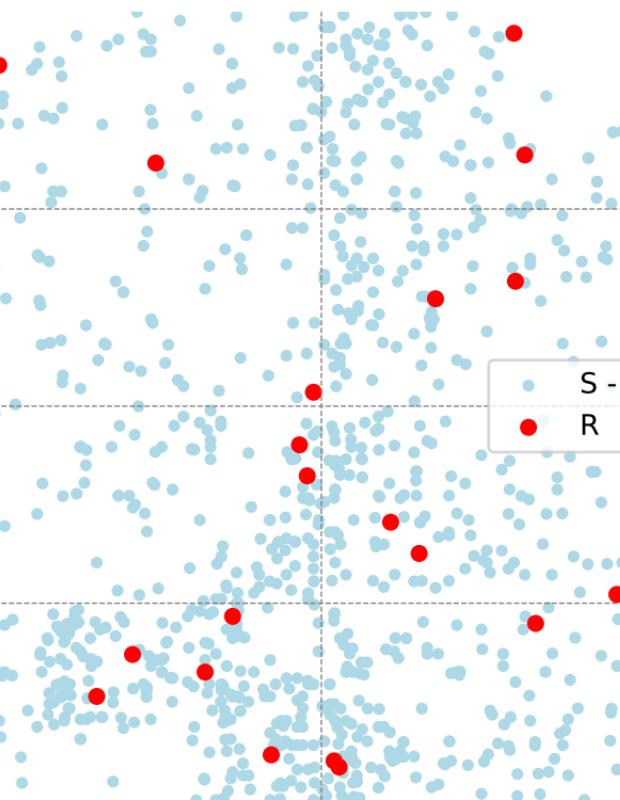
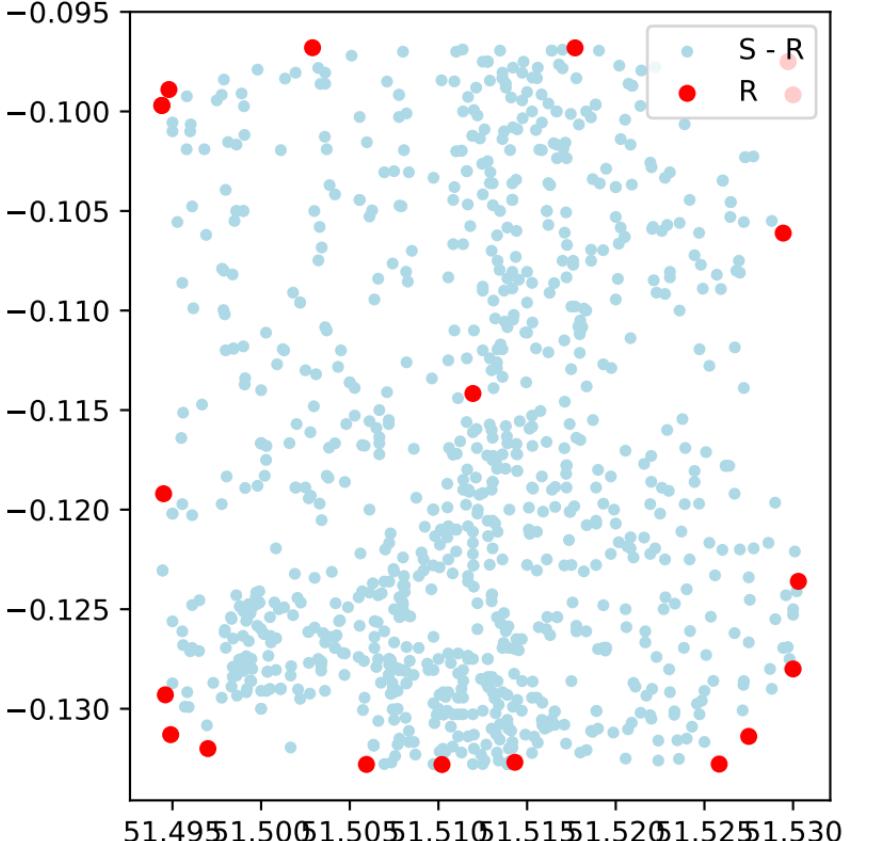


Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=20 | G=8 (2x4)

Base Fadu No R
Score: 2371.0560

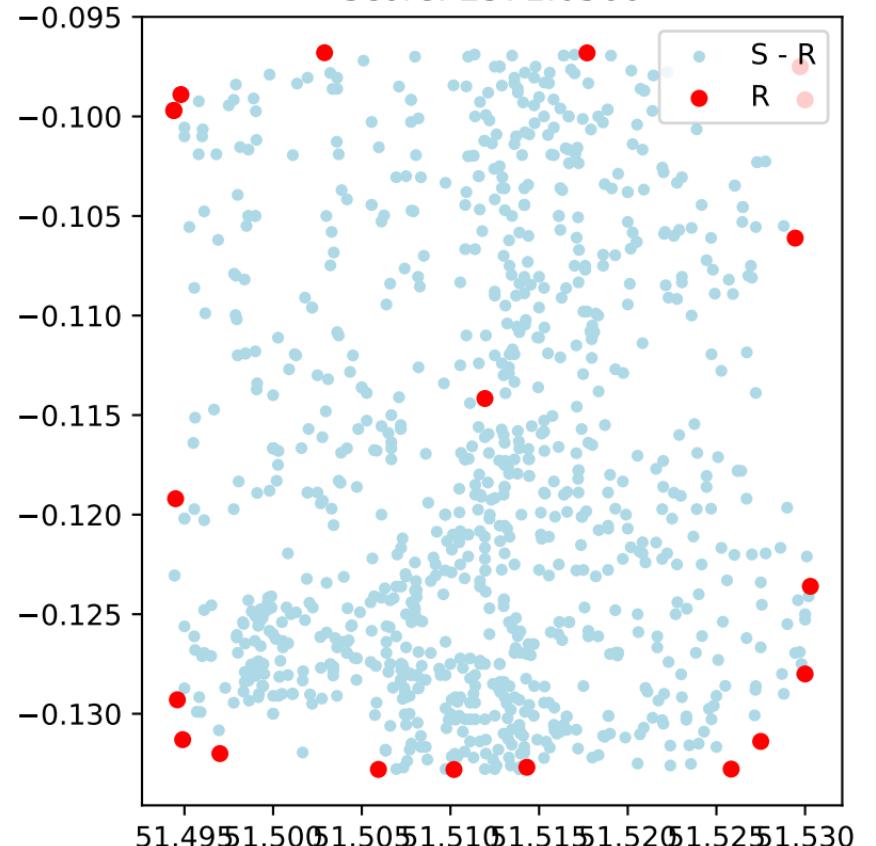
Grid Sampling
Score: 762.4126

Sampling
Score: 112.3814

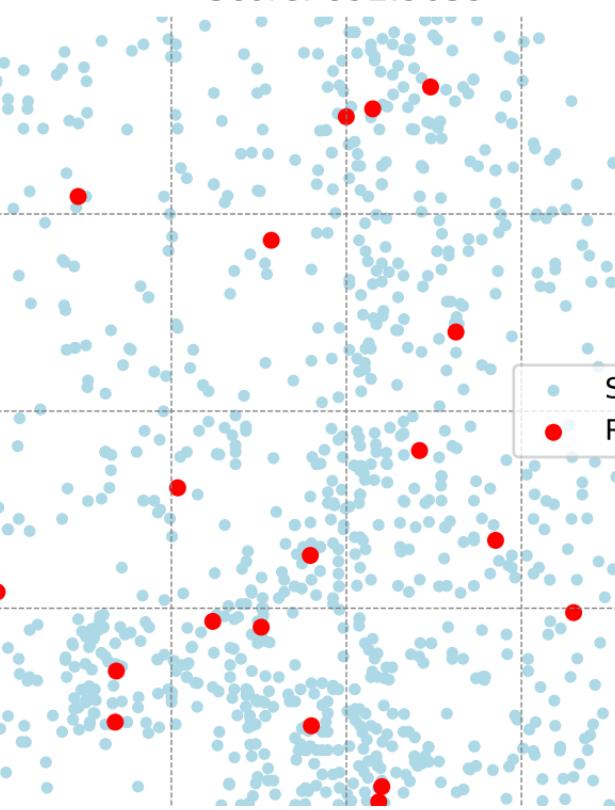


Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=20 | G=16 (4x4)

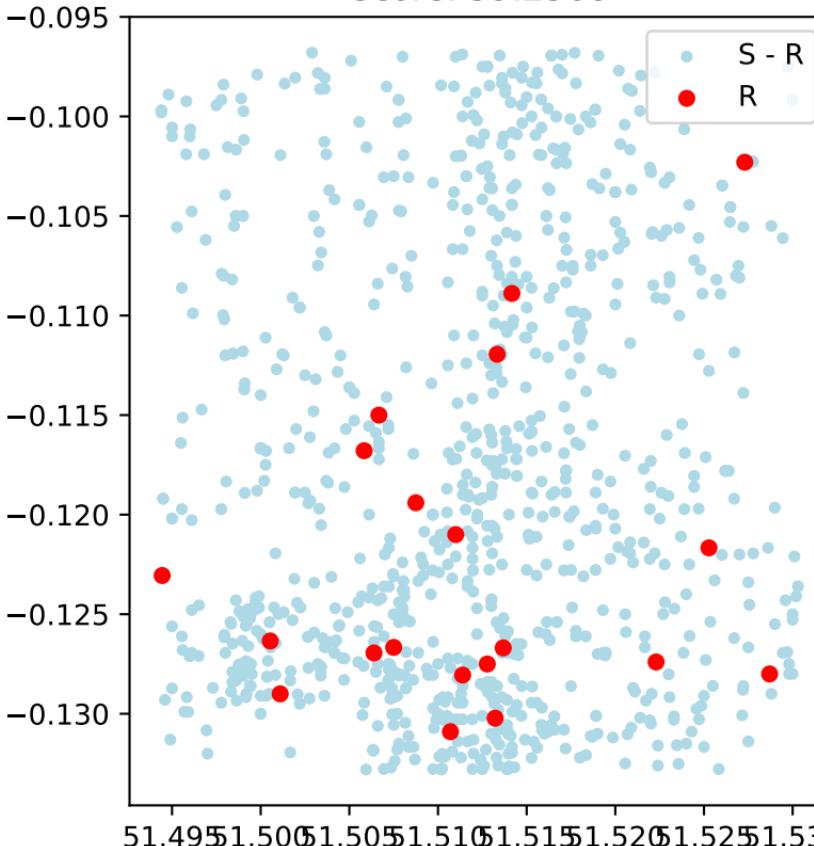
Baseline No R
Score: 2371.0560



Grid Sampling
Score: 892.9639



Sampling
Score: 59.2368

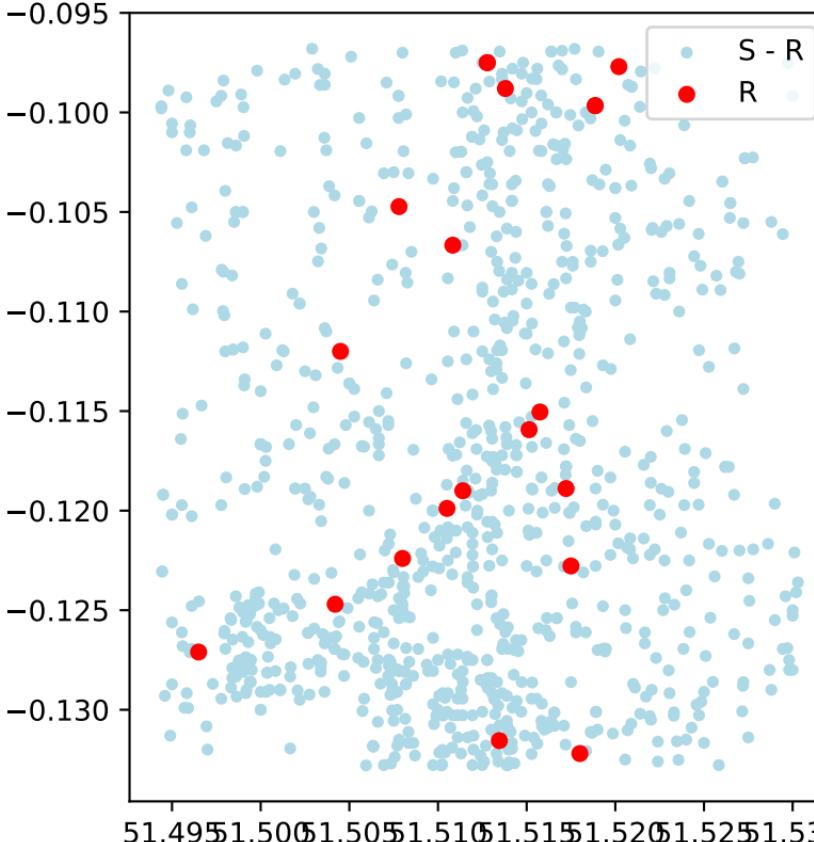
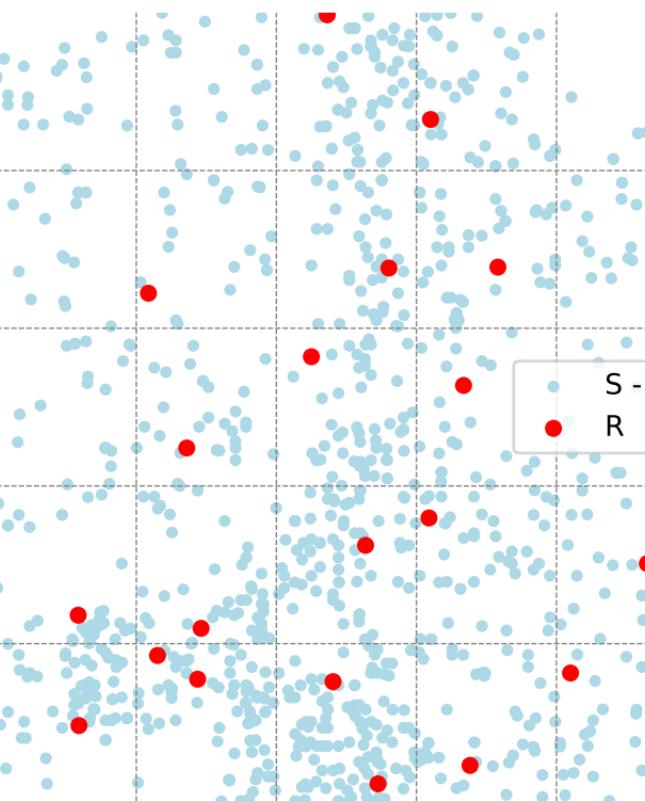
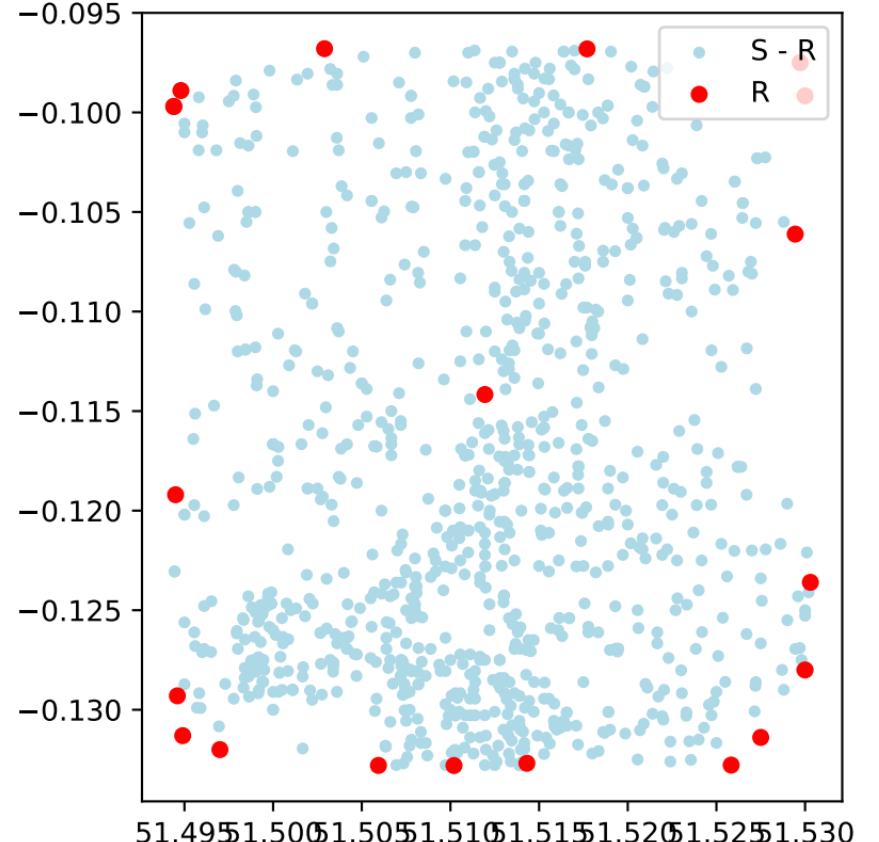


Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=20 | G=25 (5x5)

Baseline No R
Score: 2371.0560

Grid Sampling
Score: 688.0712

Sampling
Score: 376.1335



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=20 | G=100 (10x10)

Baseline No R

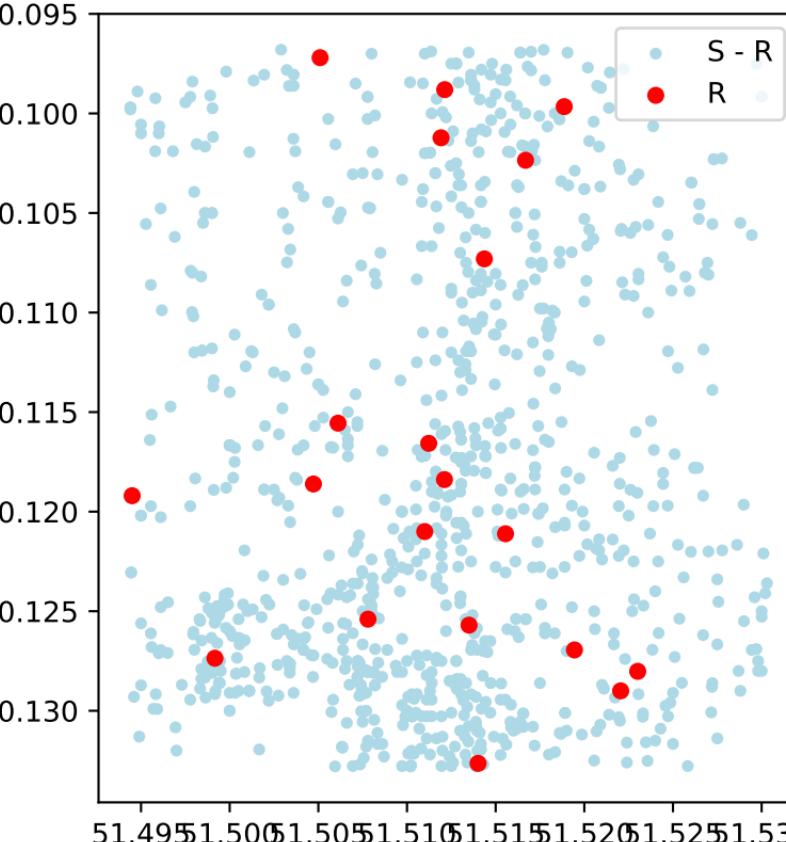
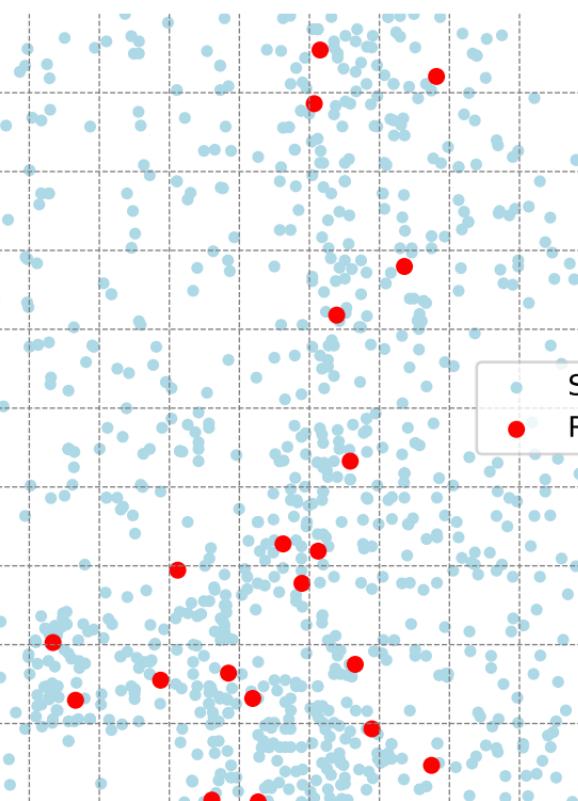
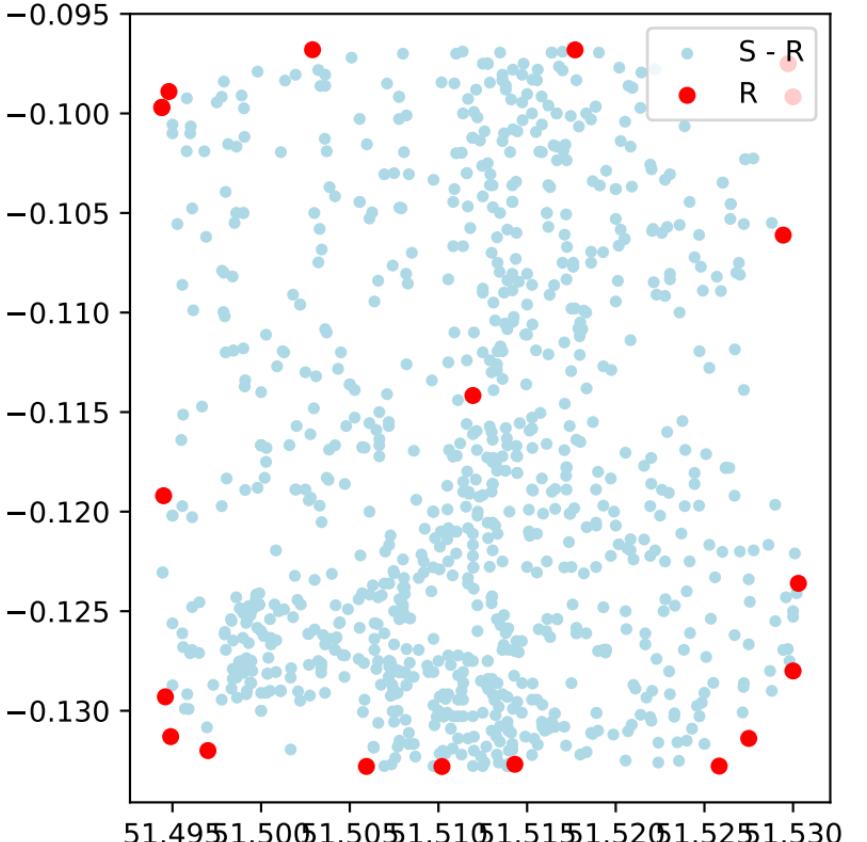
Grid Sampling

Sampling

Score: 2371.0560

Score: 219.3943

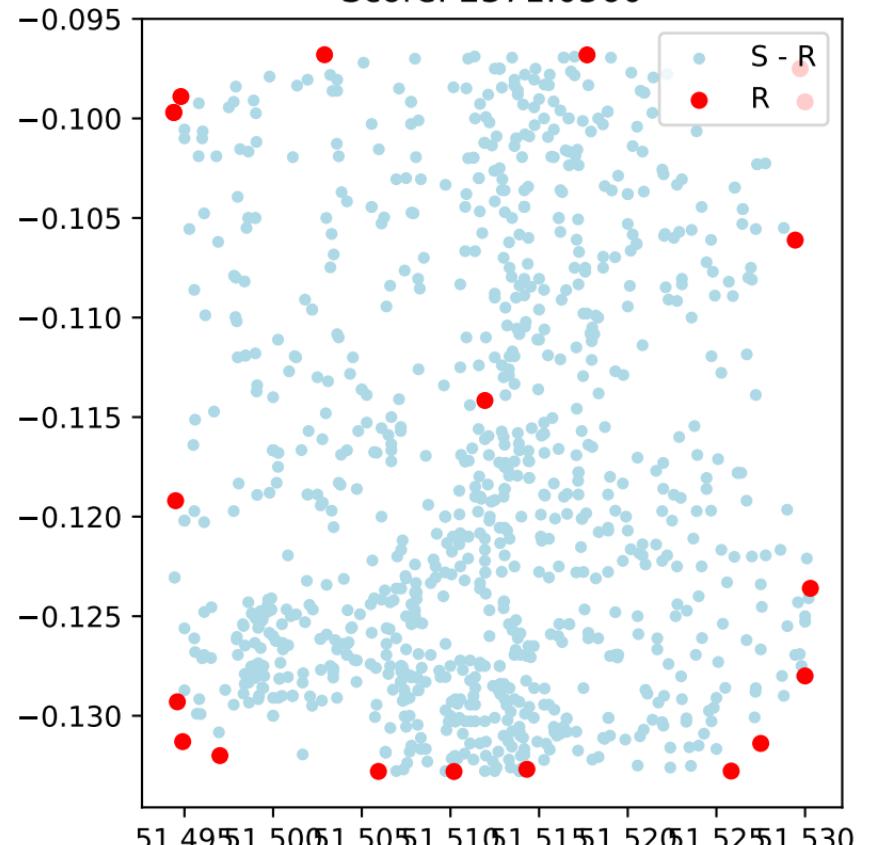
Score: 699.8797



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=20 | G=256 (16x16)

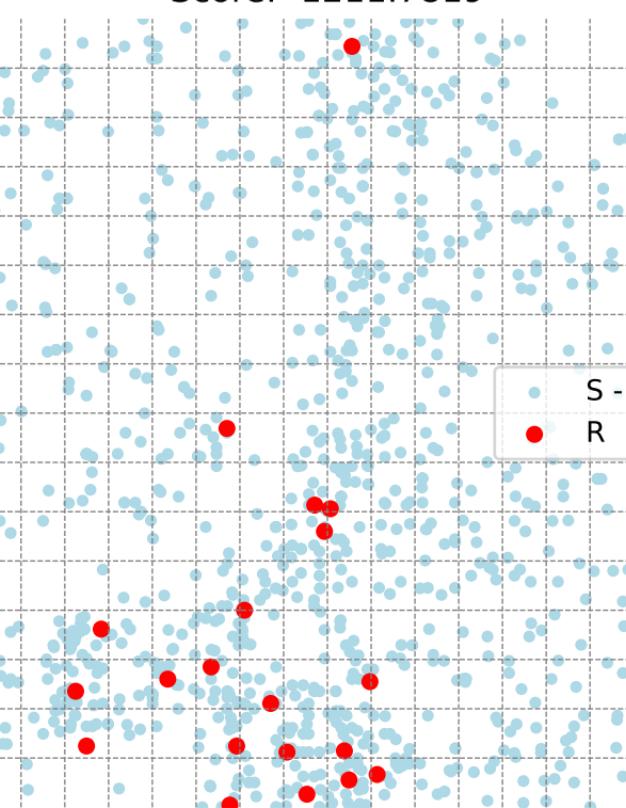
Baseline No R

Score: 2371.0560



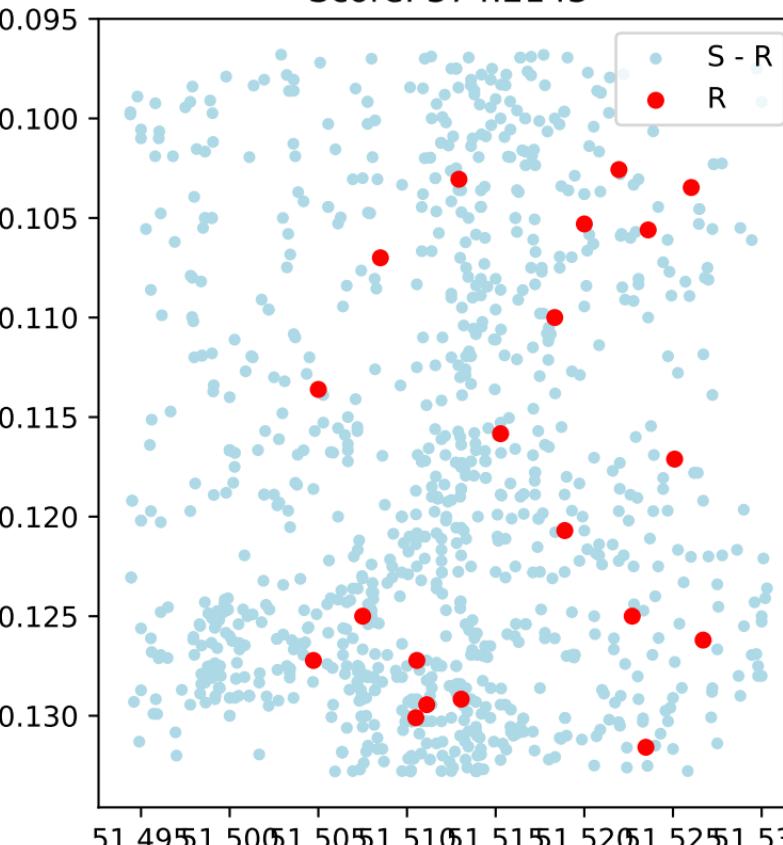
Undersampling

Score: -1211.7819



Oversampling

Score: 374.2143

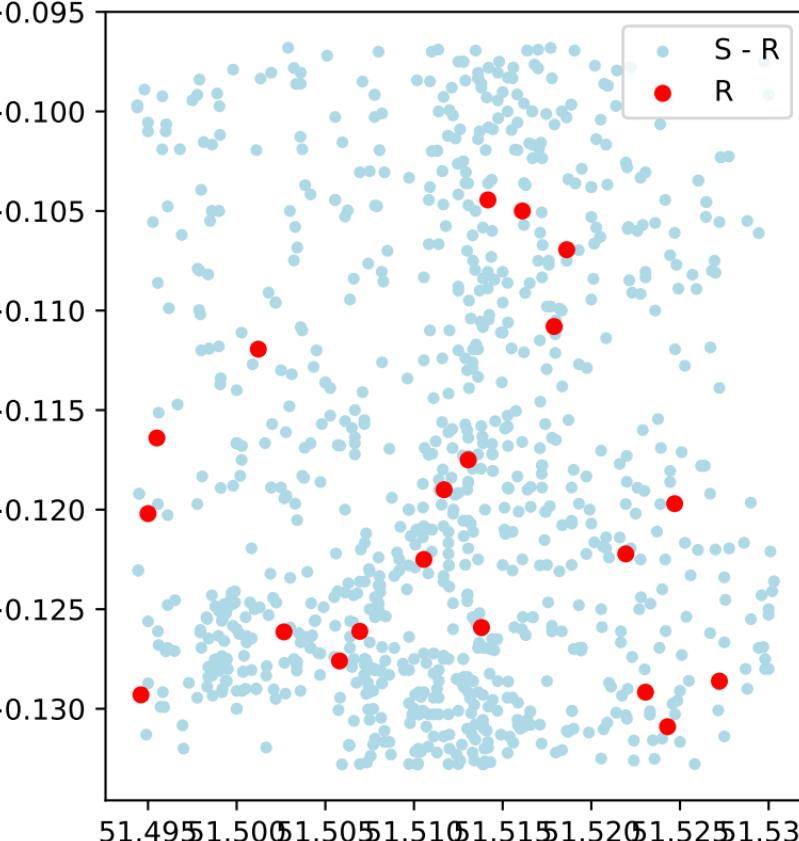
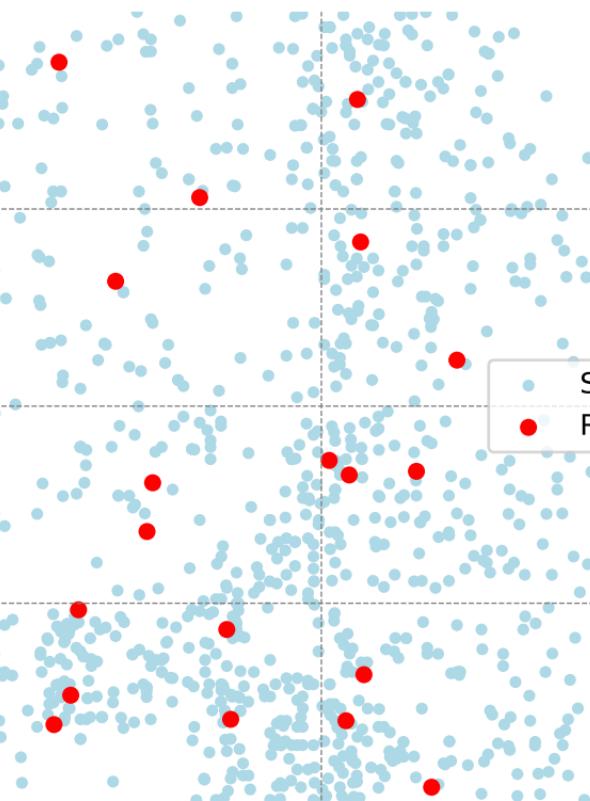
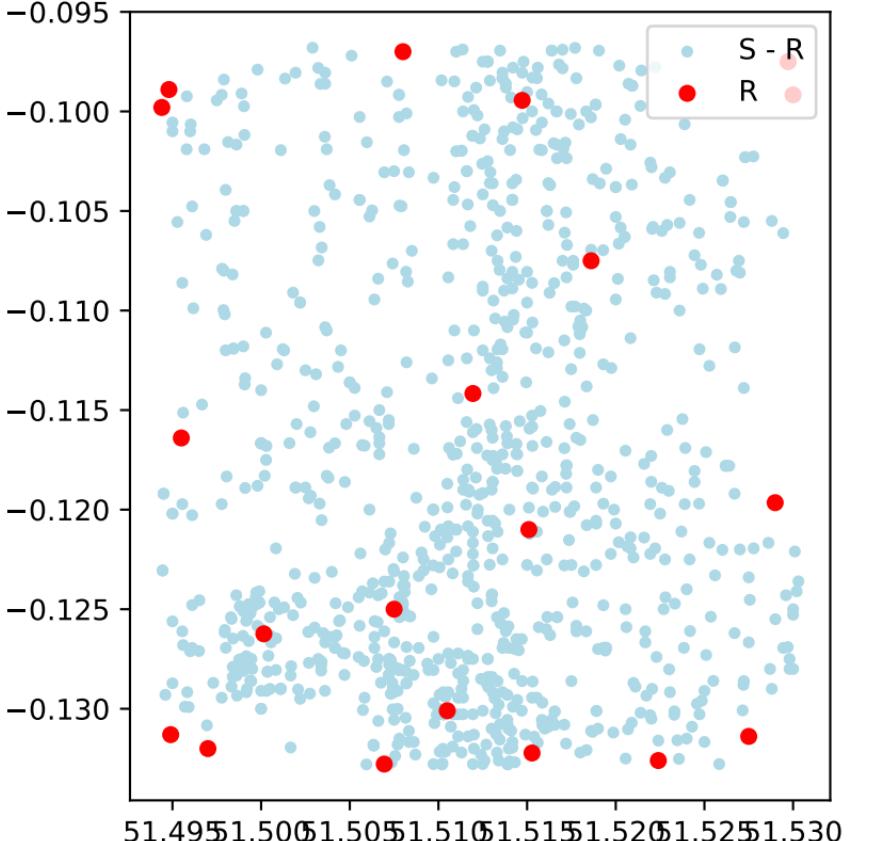


Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=20 | G=8 (2x4)

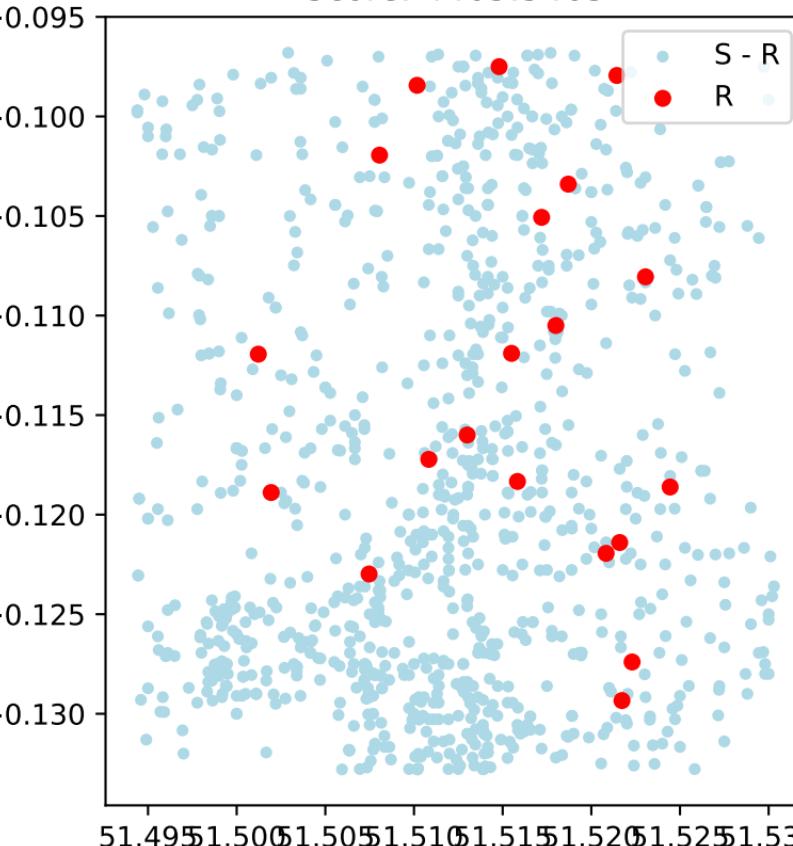
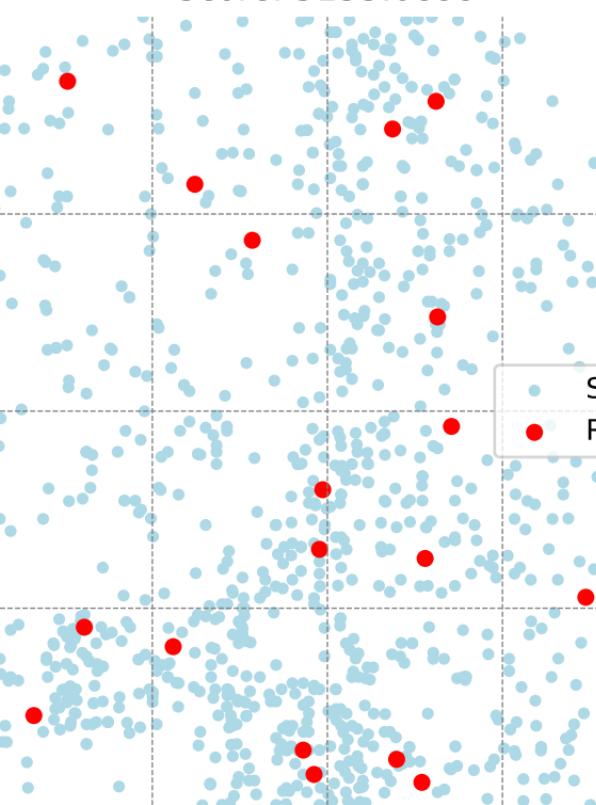
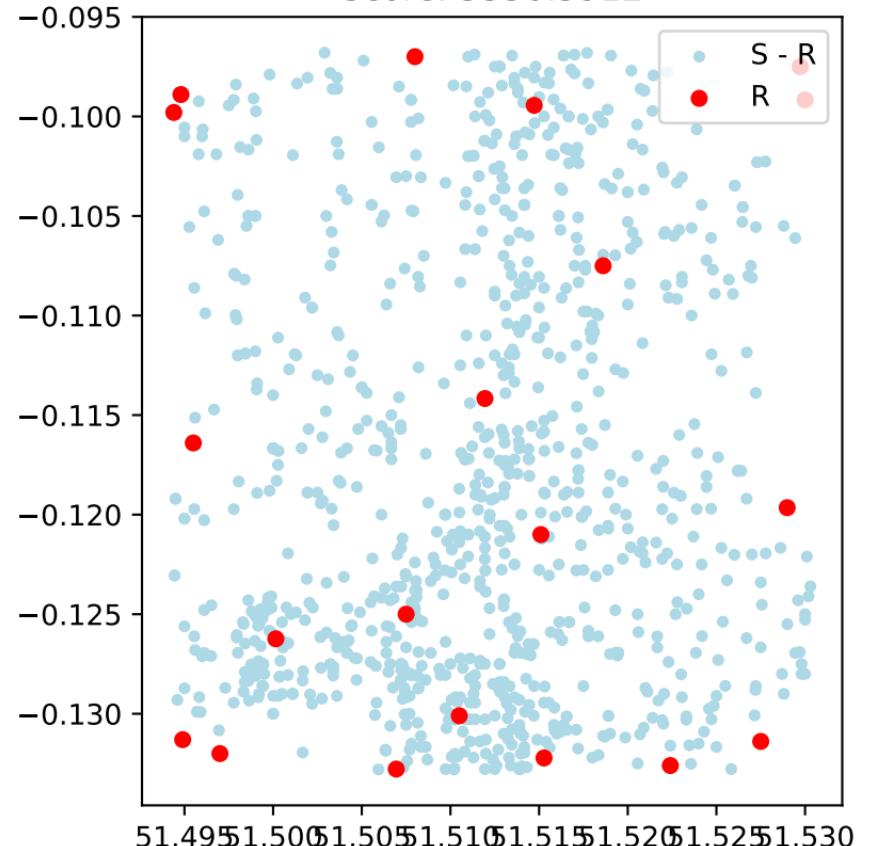
Base Iadu No R
Score: 5336.5912

Grid Sampling
Score: 5015.0274

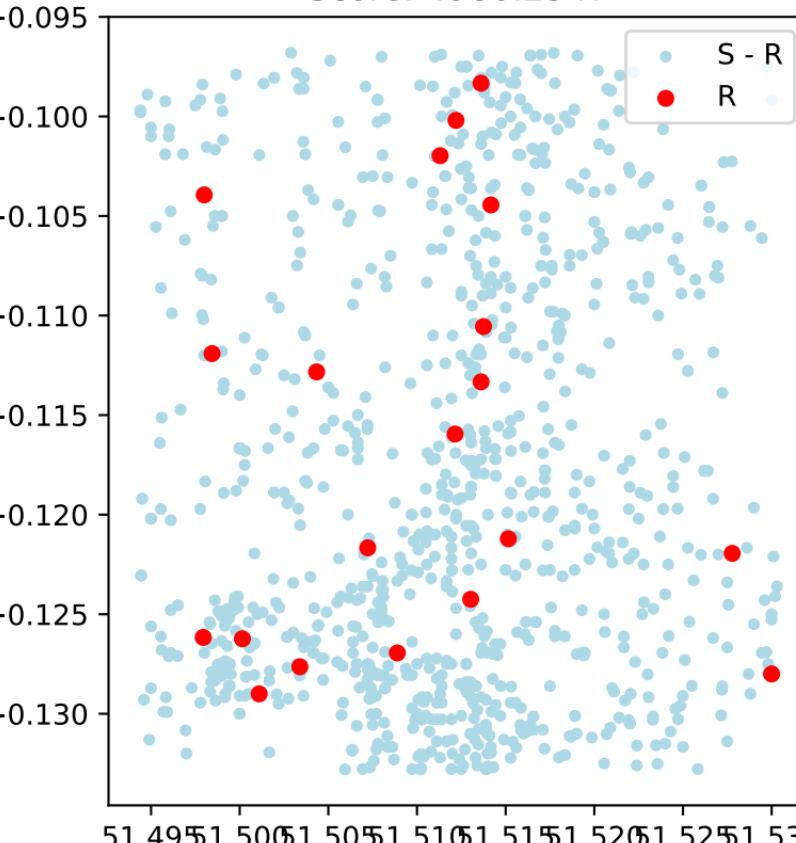
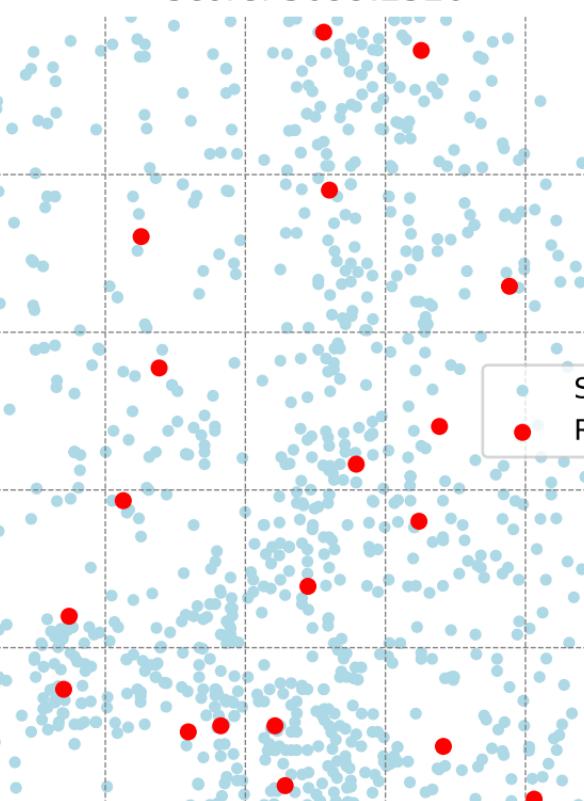
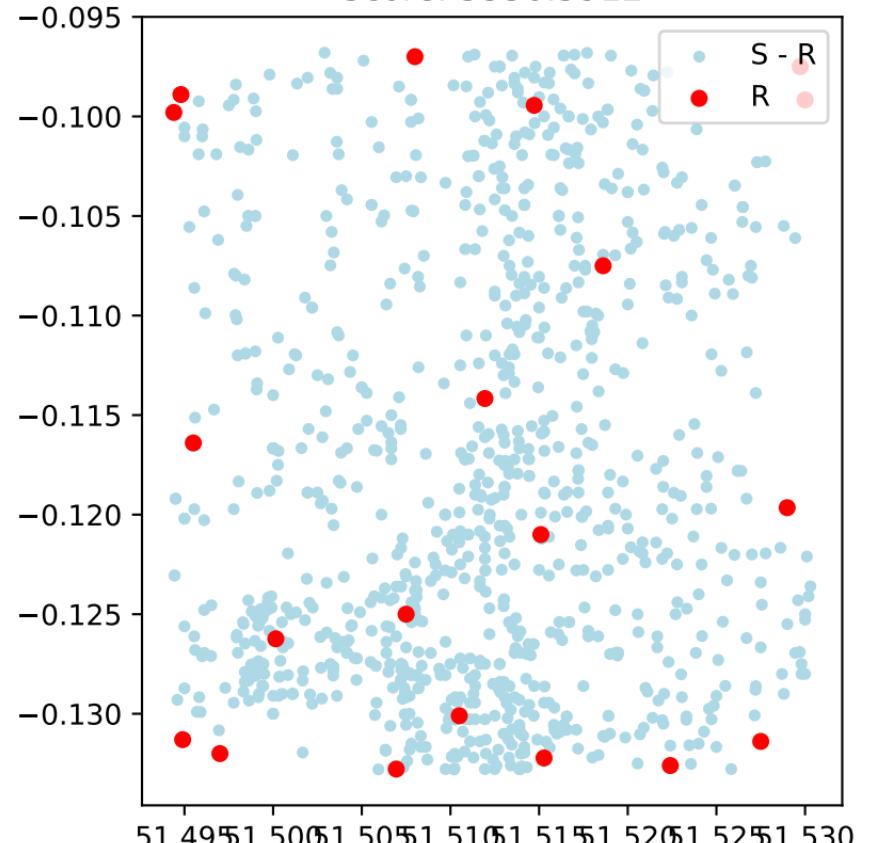
Sampling
Score: 4988.4619



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=20 | G=16 (4x4)



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=20 | G=25 (5x5)

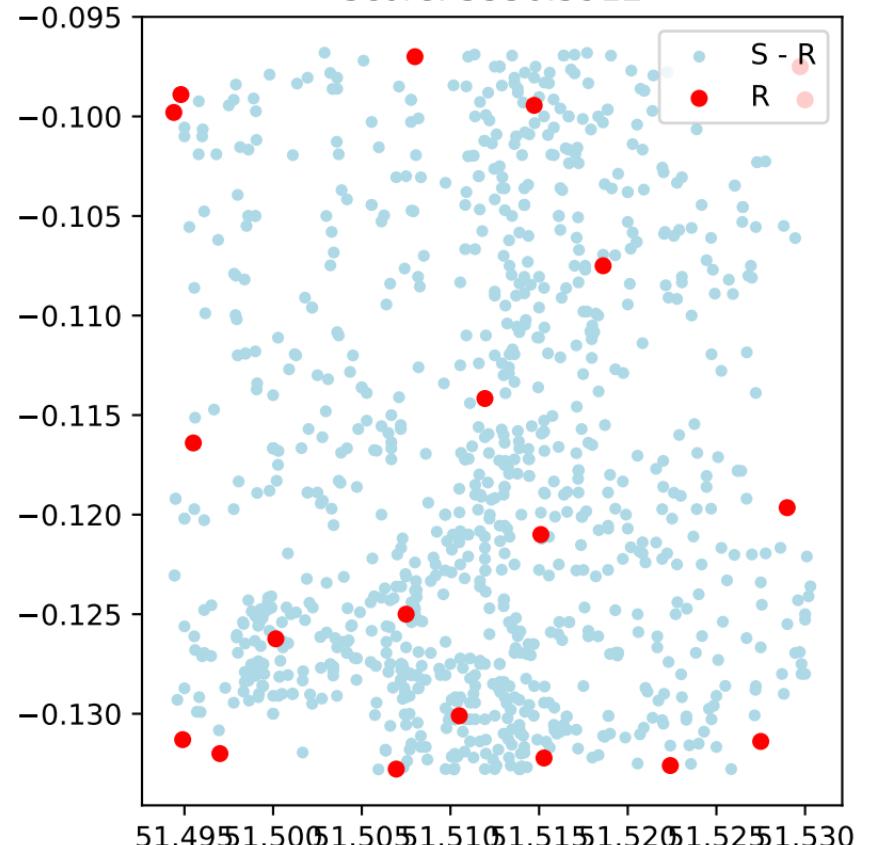


Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=20 | G=100 (10x10)

Baseline

No R

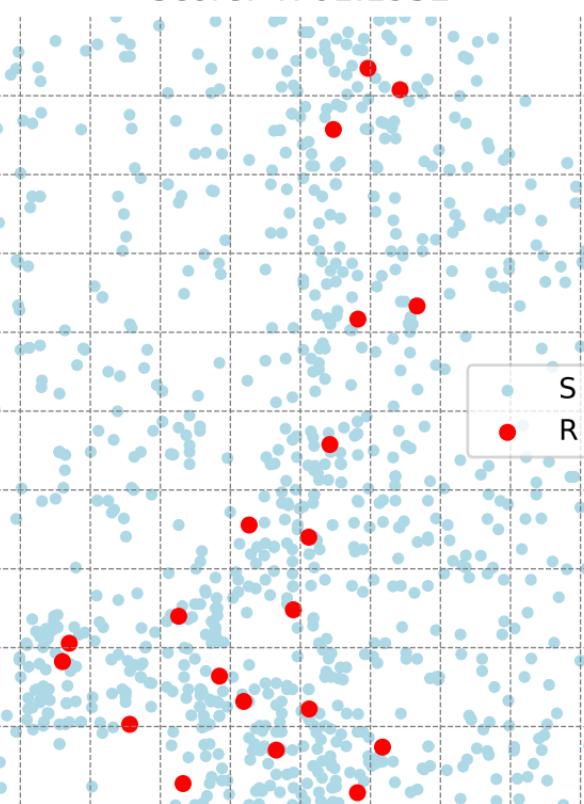
Score: 5336.5912



Undersampling

No R

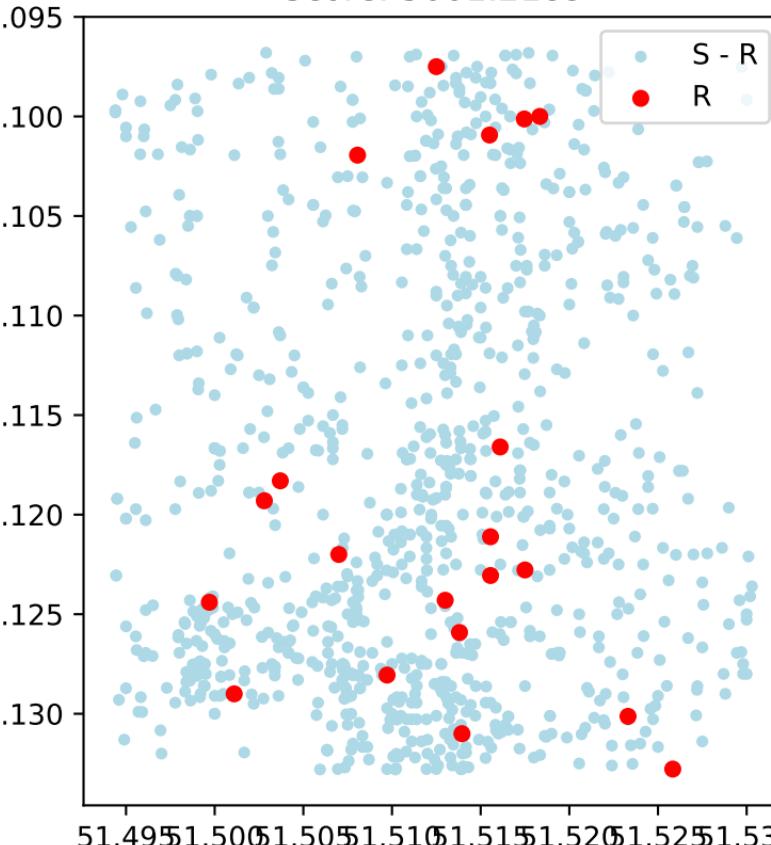
Score: 4761.1932



Oversampling

No R

Score: 5001.2189



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=20 | G=256 (16x16)

Baseline

No R

Score: 5336.5912

Undersampling

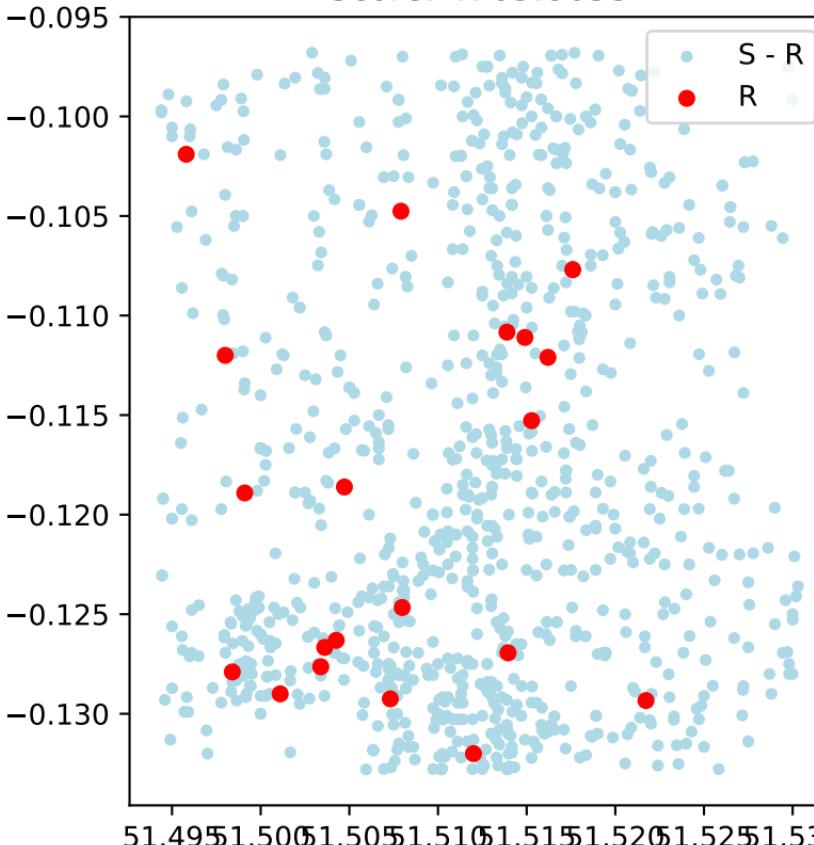
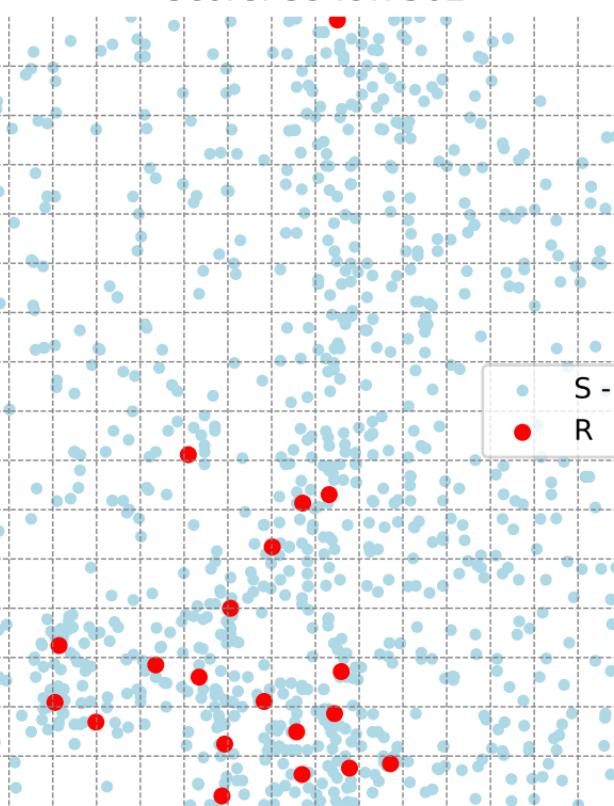
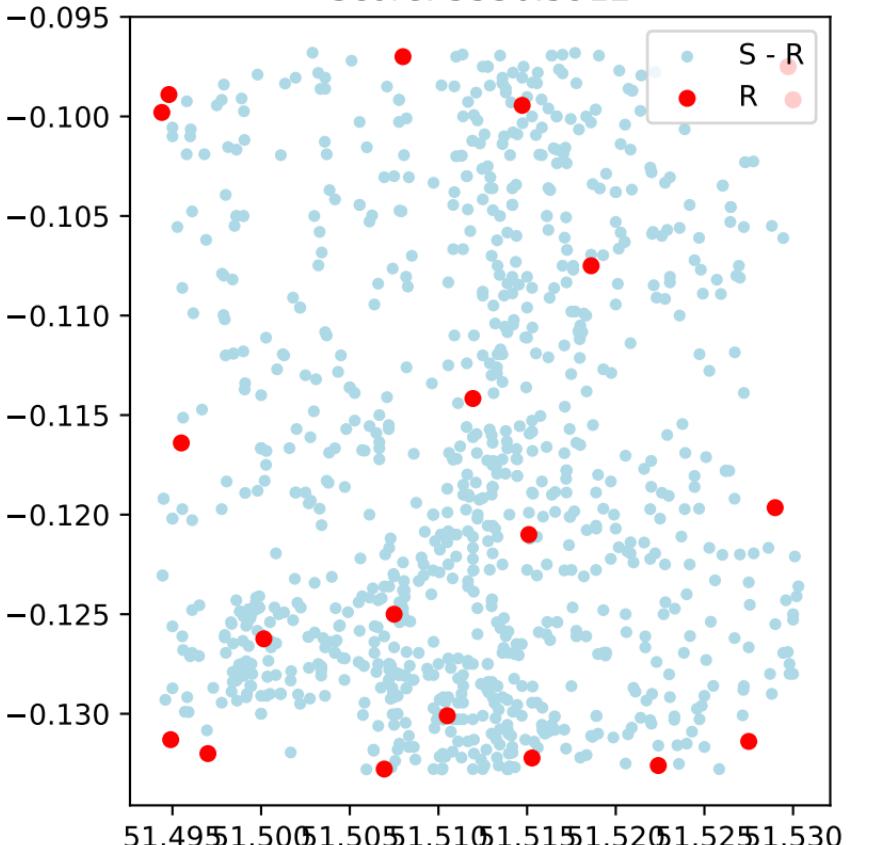
Sampling

Score: 3949.7362

Oversampling

Sampling

Score: 4765.8653

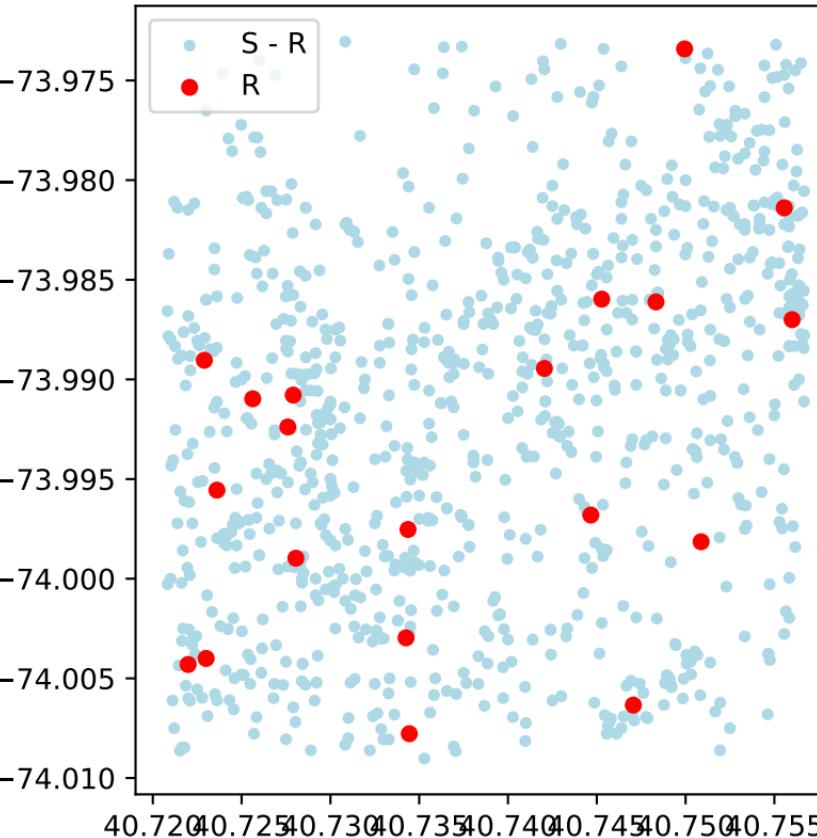
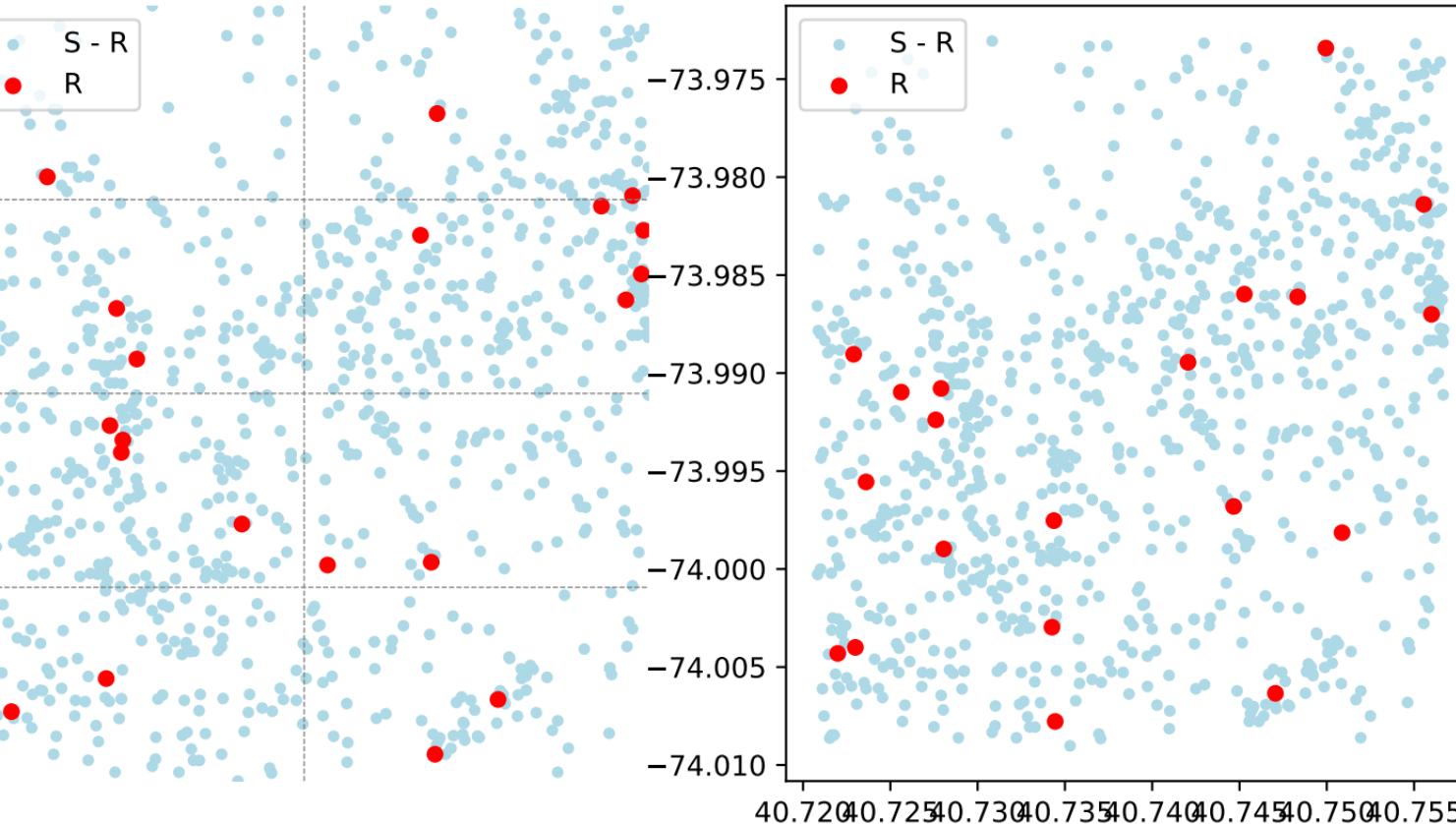
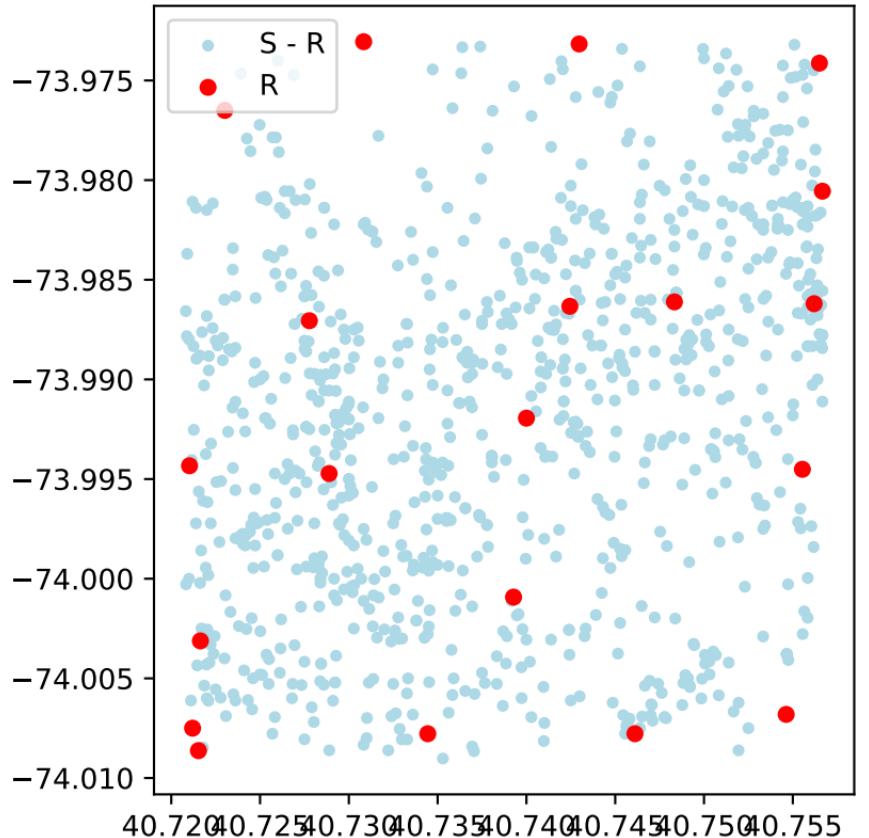


Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=20 | G=8 (2x4)

Base Fadu No R
Score: 5263.9582

Grid Sampling
Score: 5046.4048

Sampling
Score: 4971.9511



Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=20 | G=16 (4x4)

Baseline No R

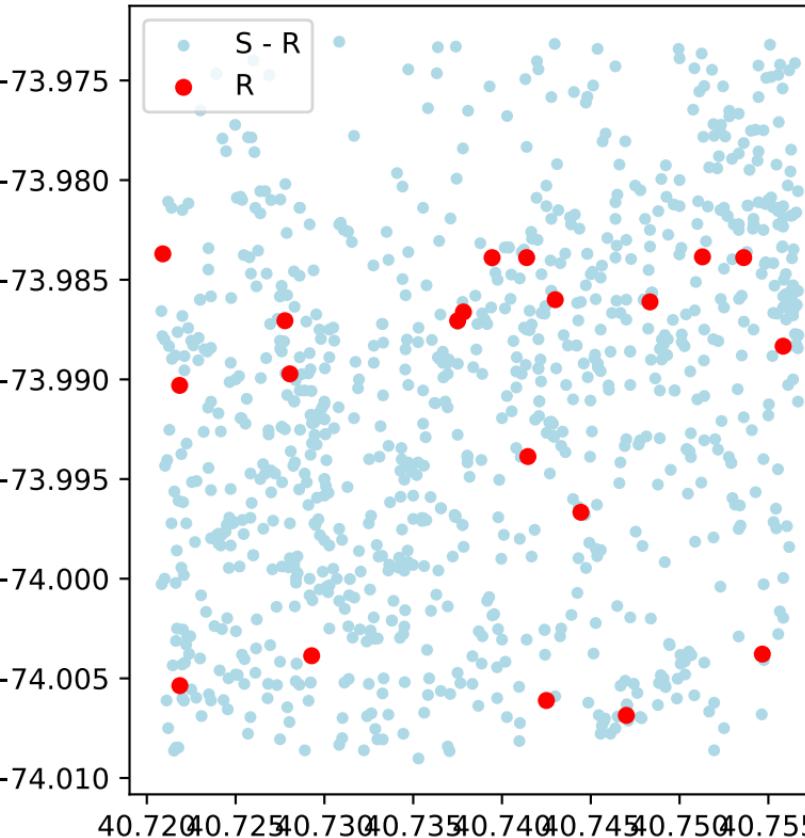
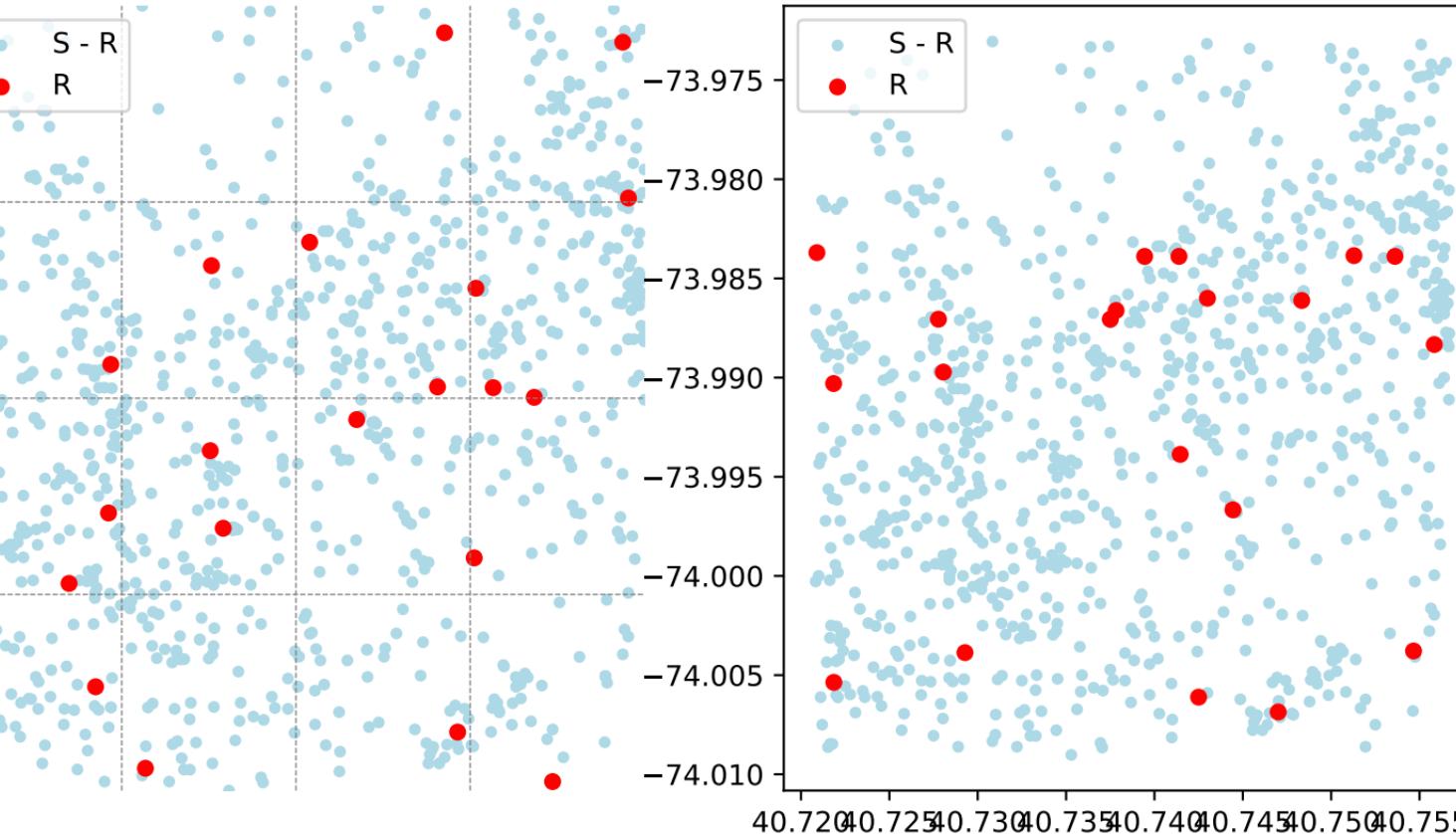
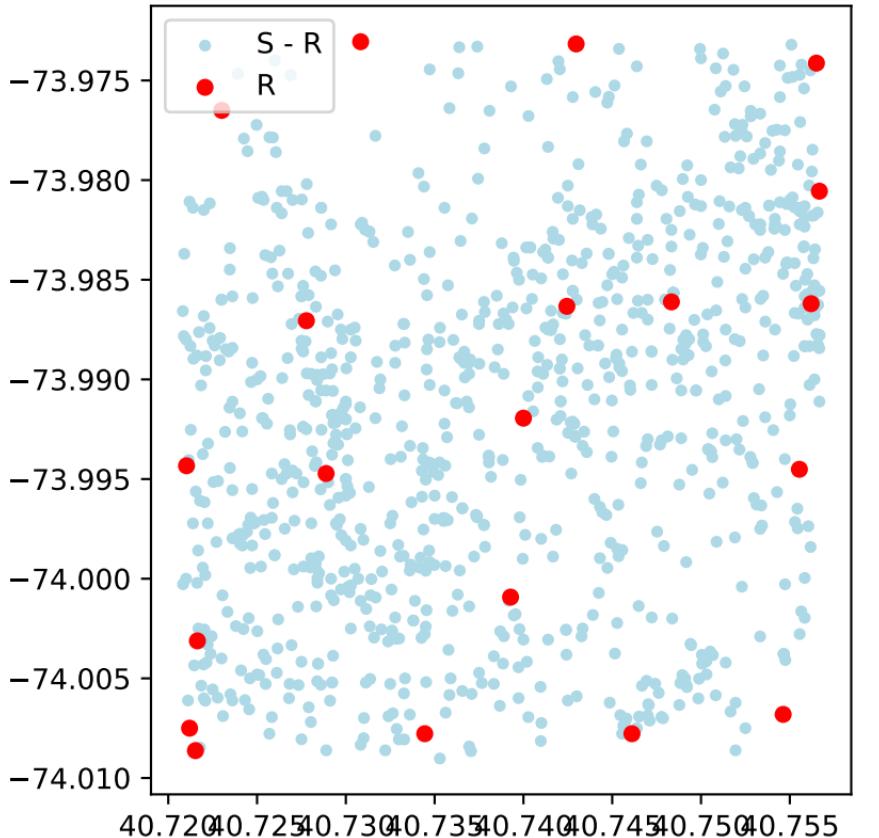
Score: 5263.9582

Grid Sampling

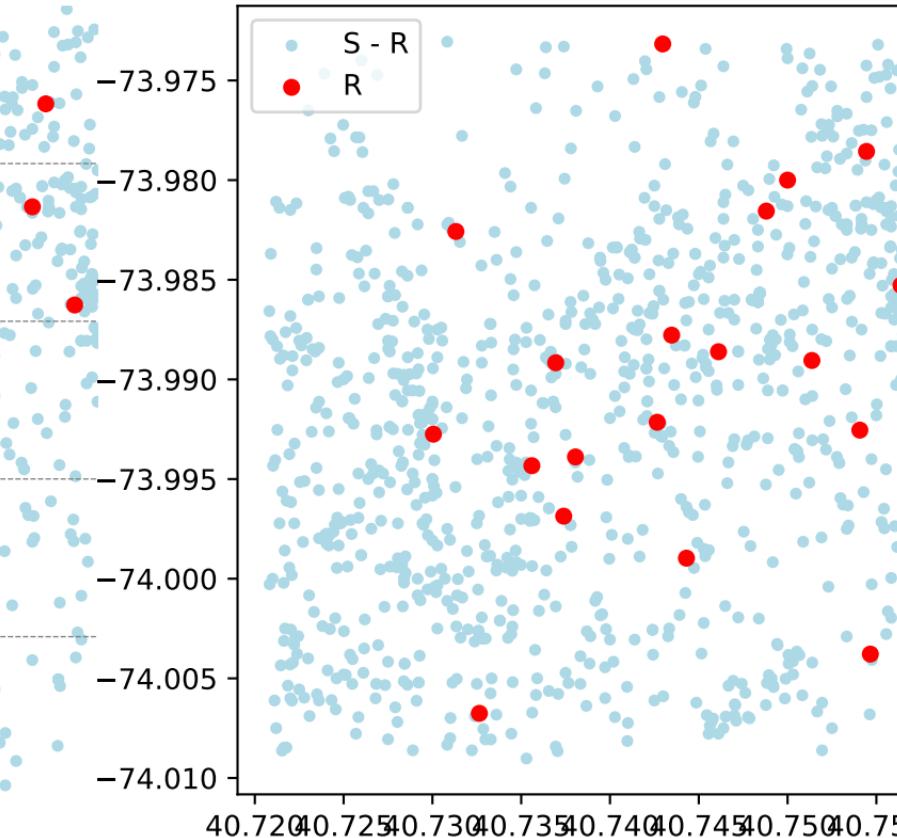
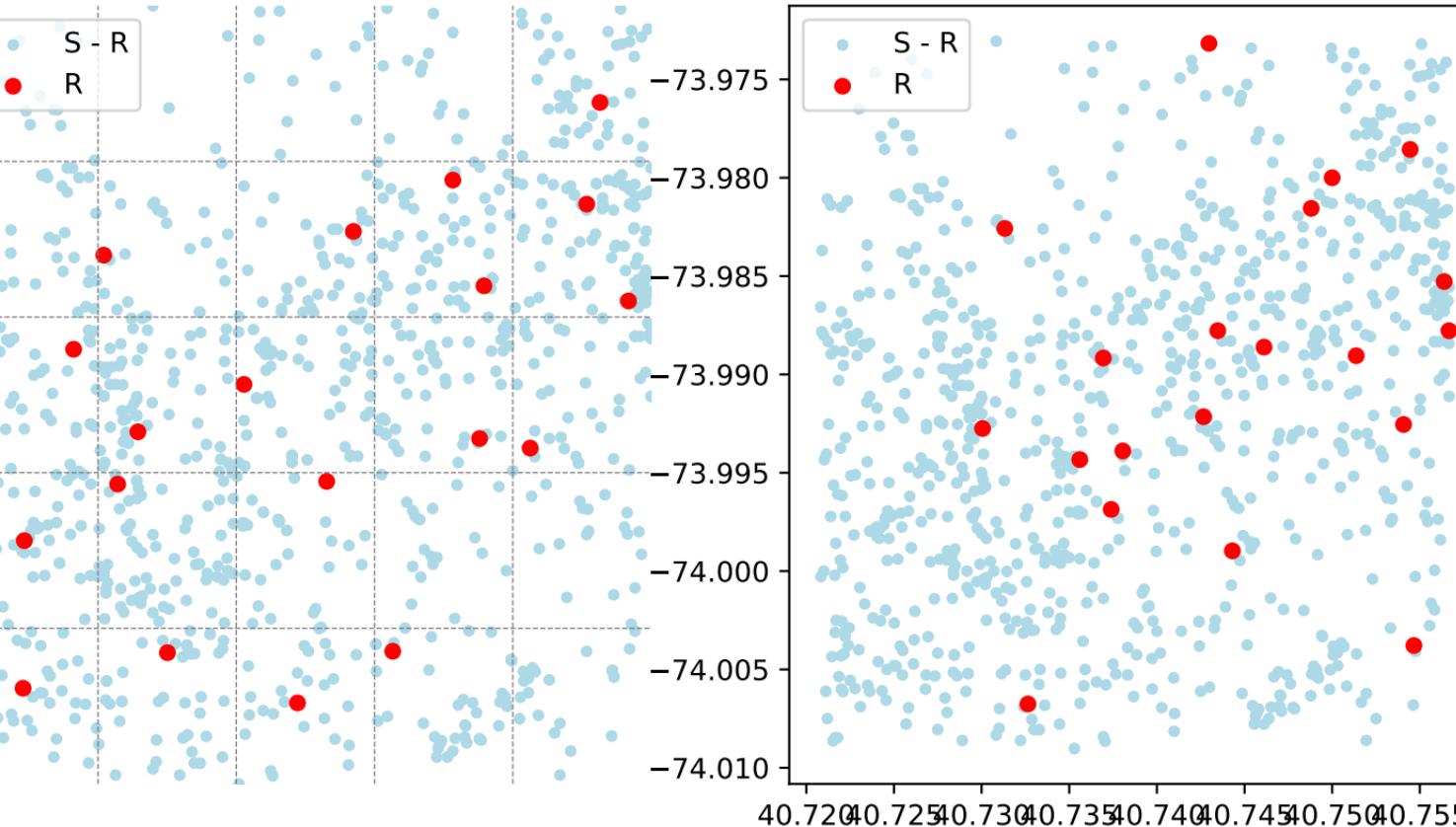
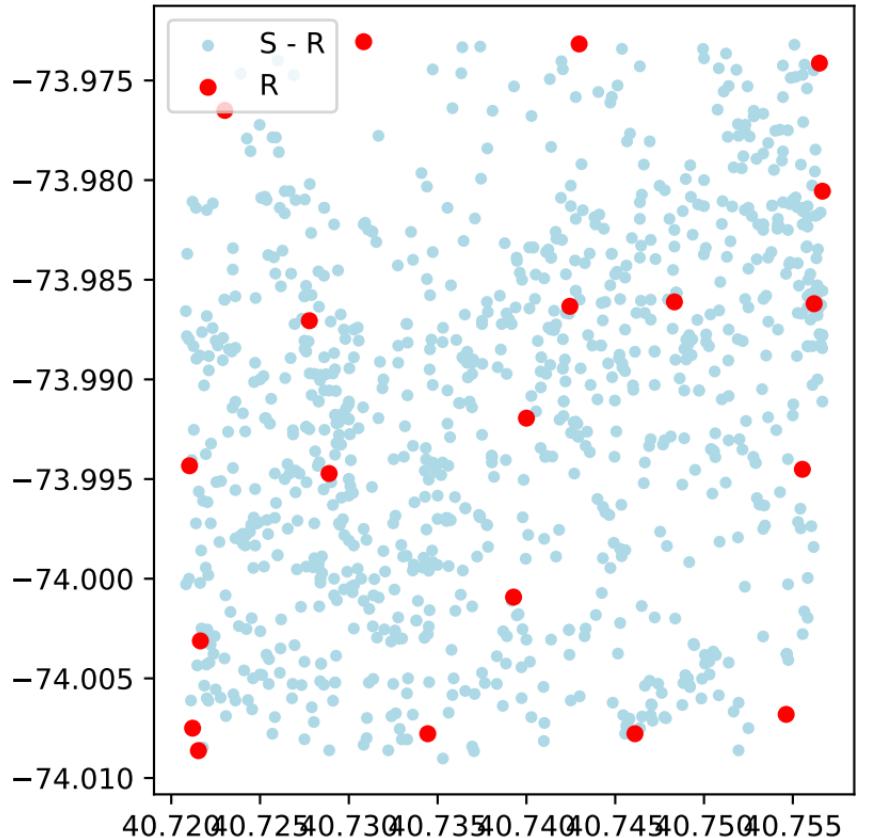
Score: 4964.2063

Sampling

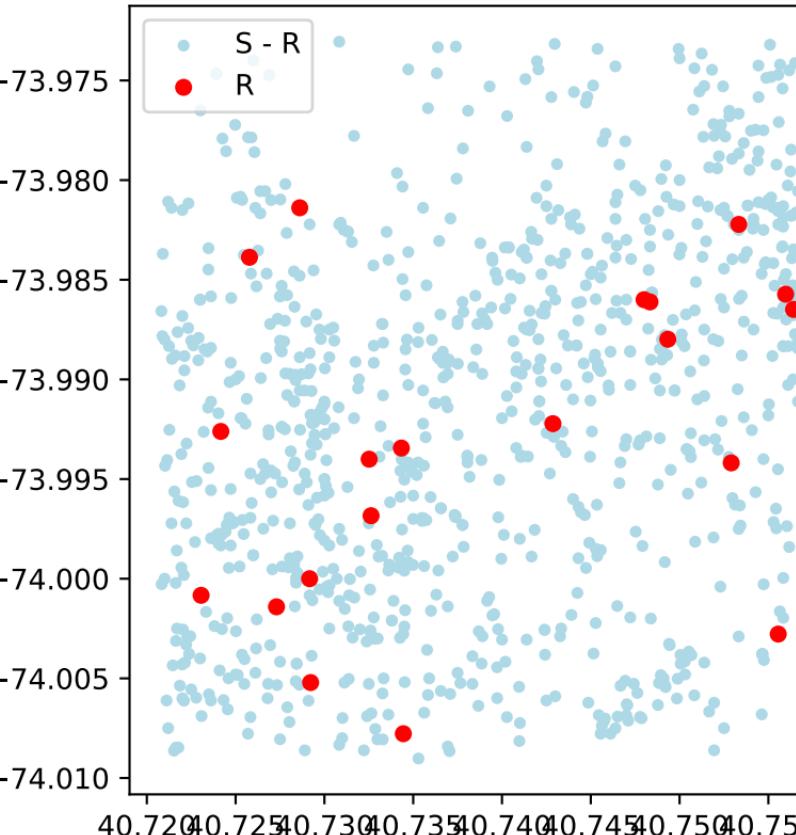
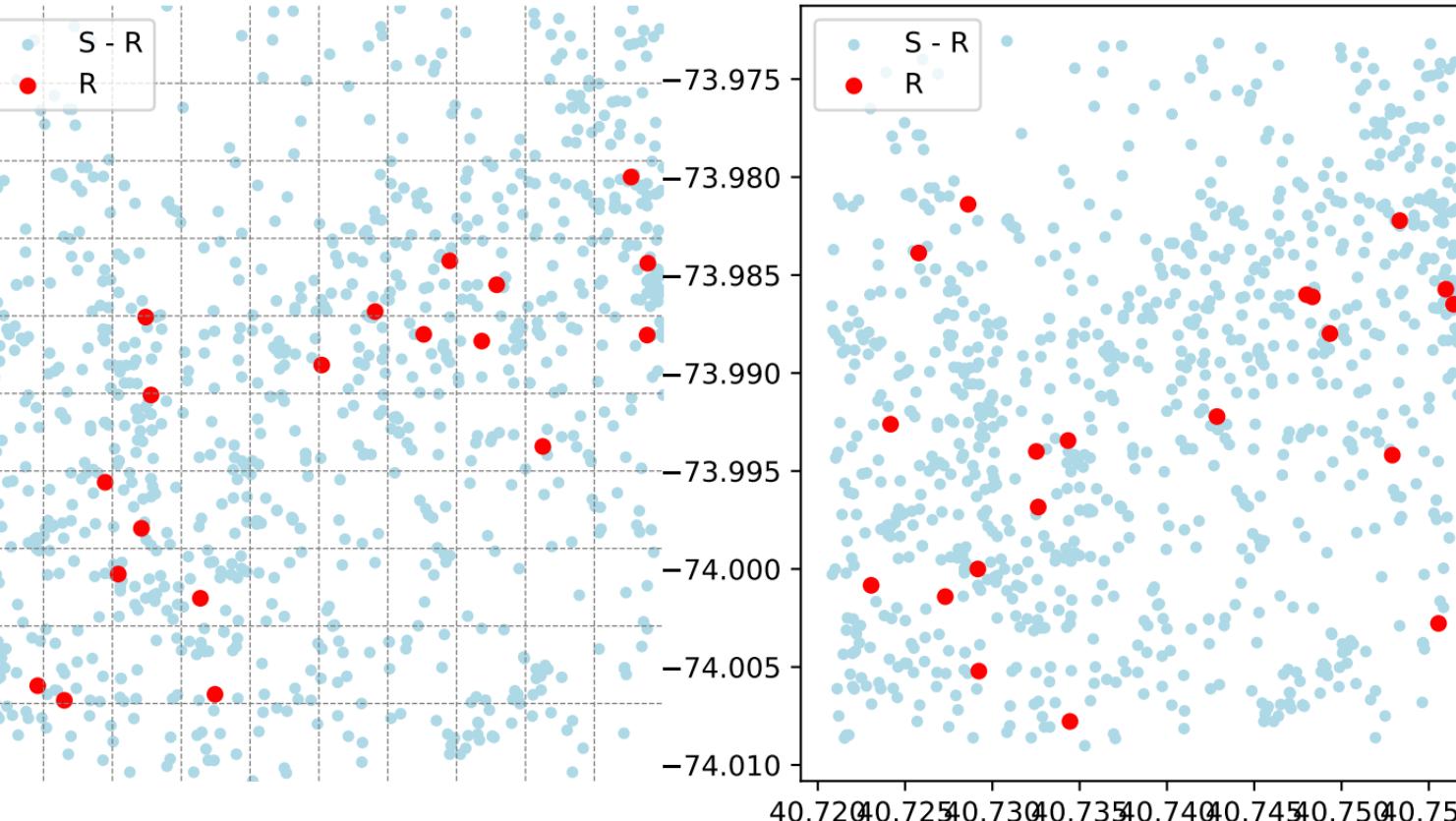
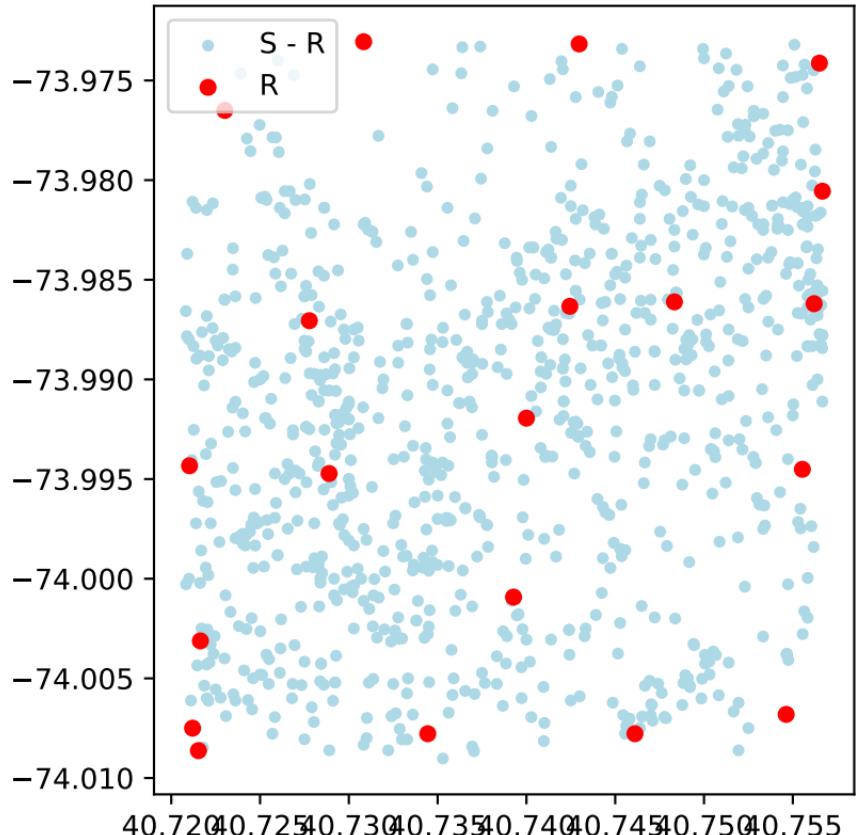
Score: 4990.6579



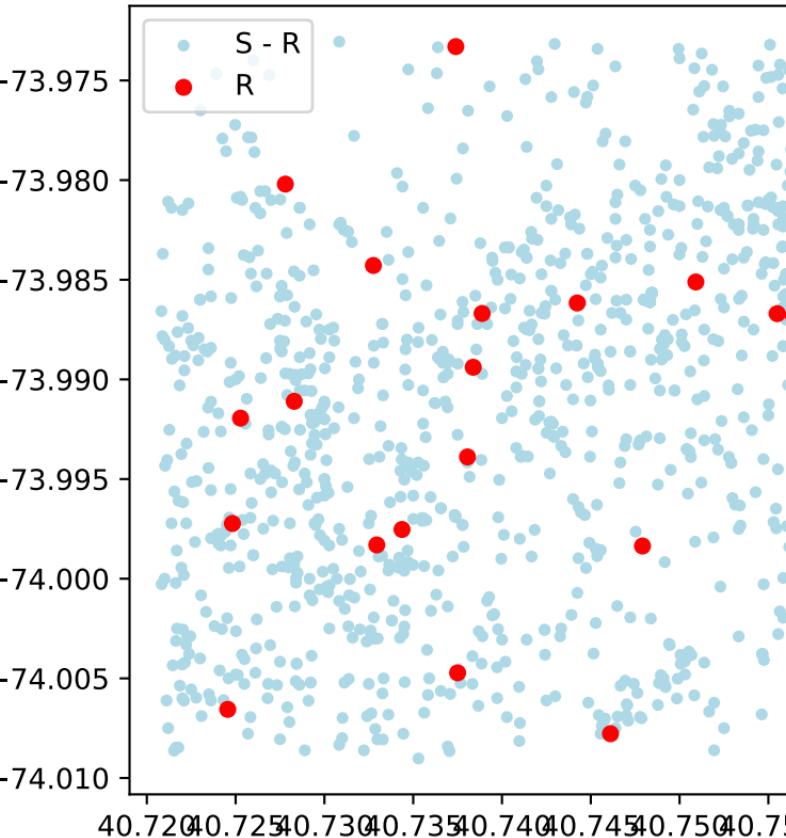
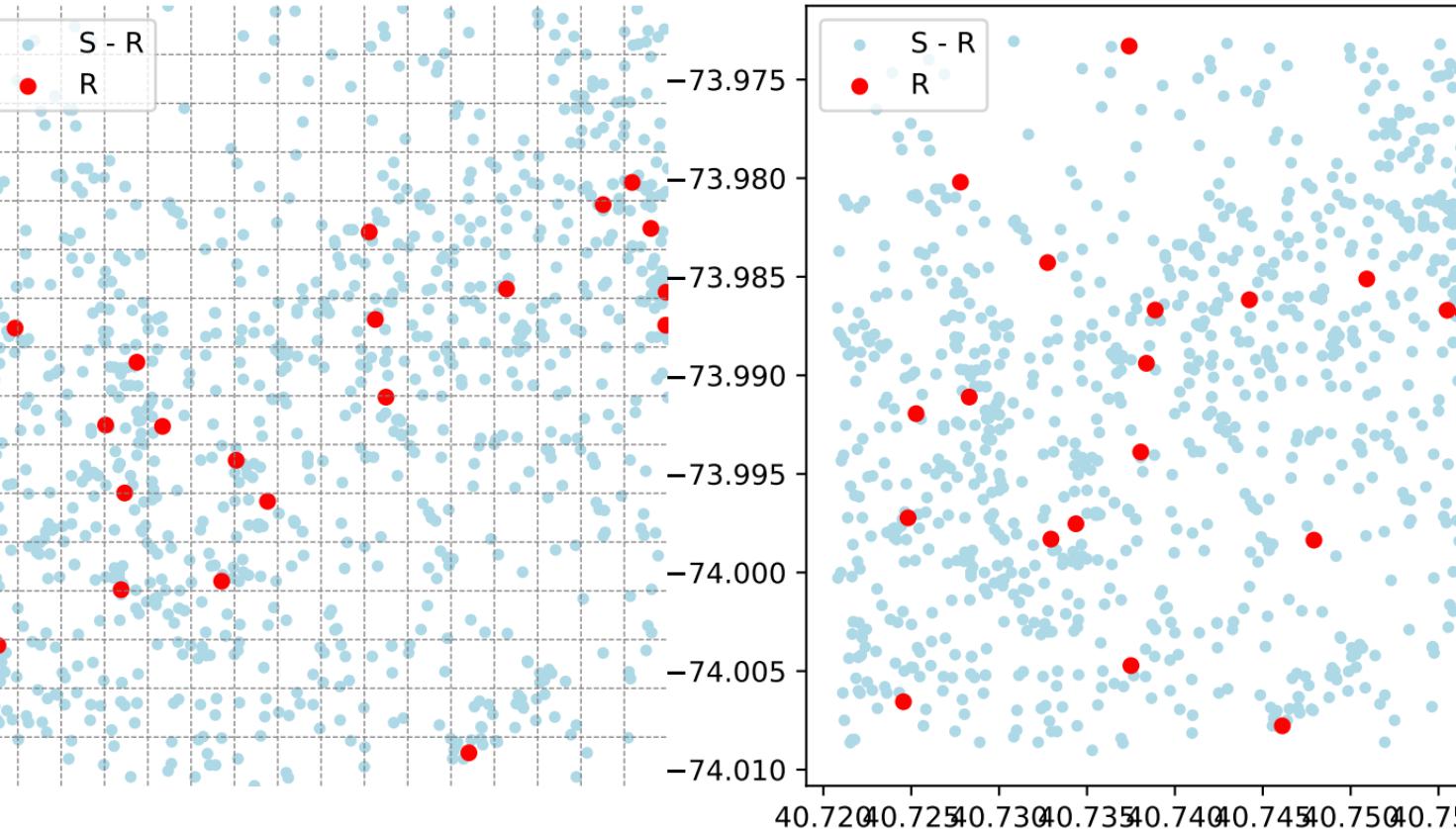
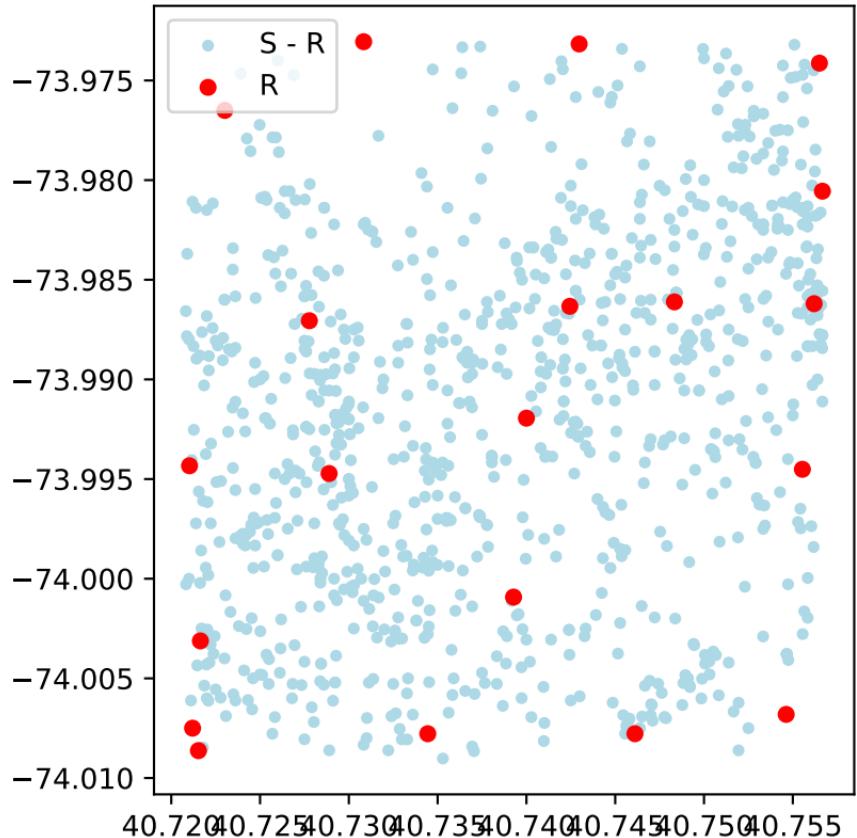
Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=20 | G=25 (5x5)

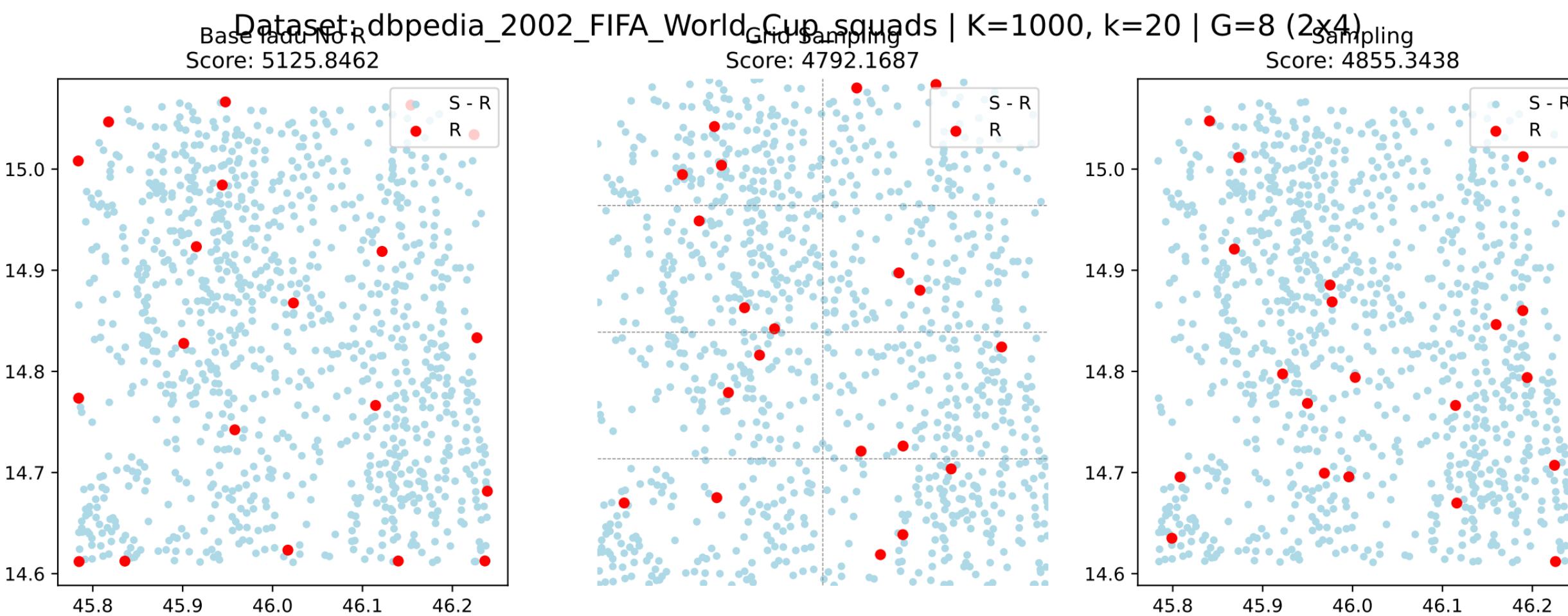


Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=20 | G=100 (10x10)
Baseline No R | Undersampling | Ours Sampling
Score: 5263.9582 Score: 4923.6227 Score: 5007.1629



Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=20 | G=256 (16x16)
Baseline No R | Undersampling | Ours Sampling
Score: 5263.9582 Score: 4942.7249 Score: 5004.1481



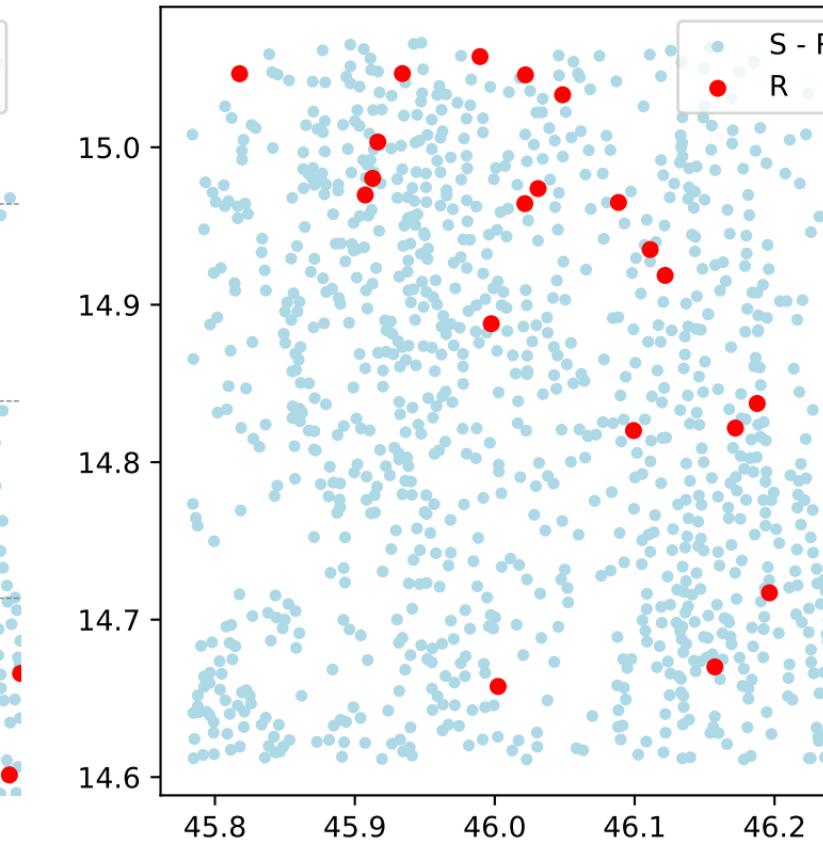
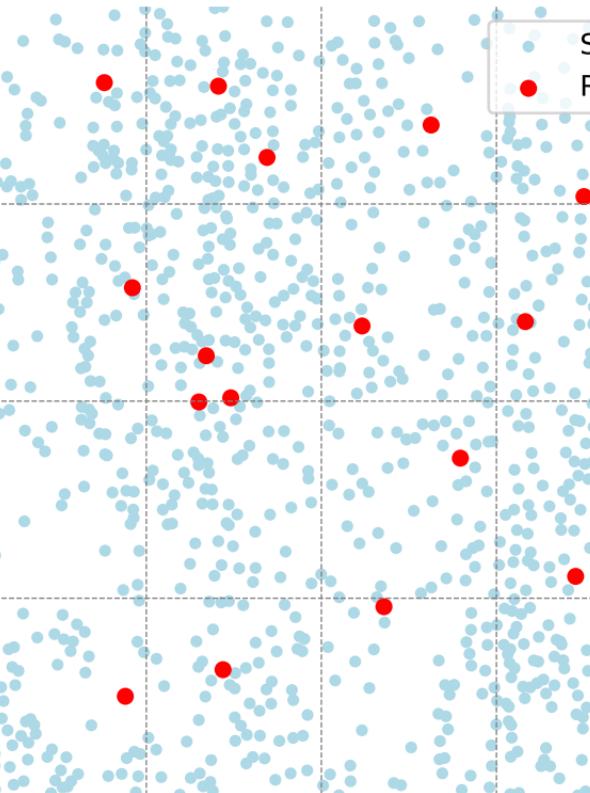
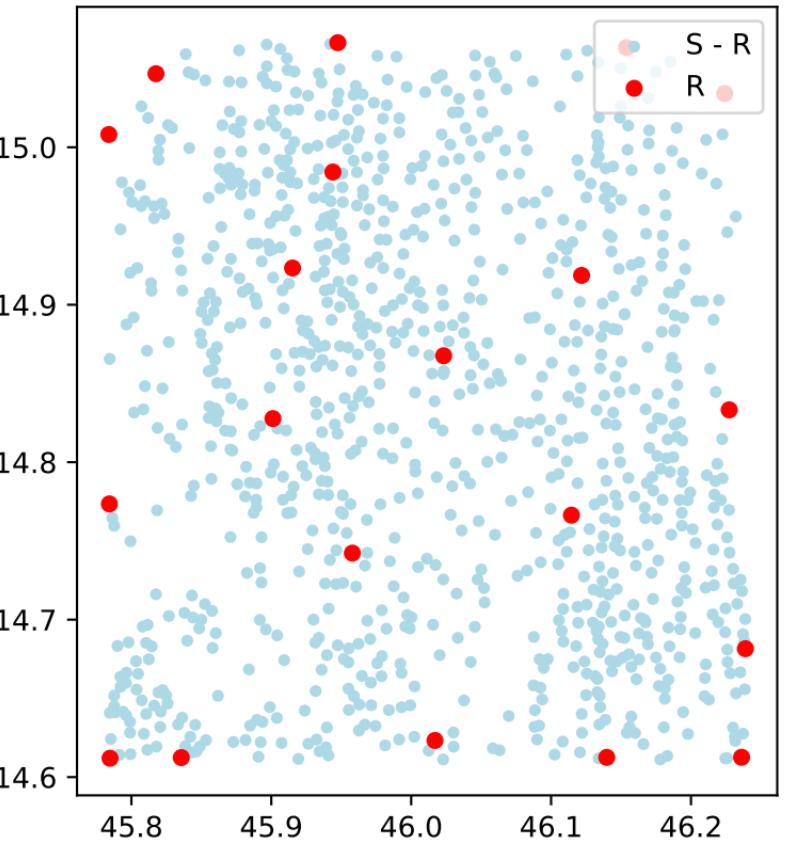


Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=20 | G=16 (4x4)

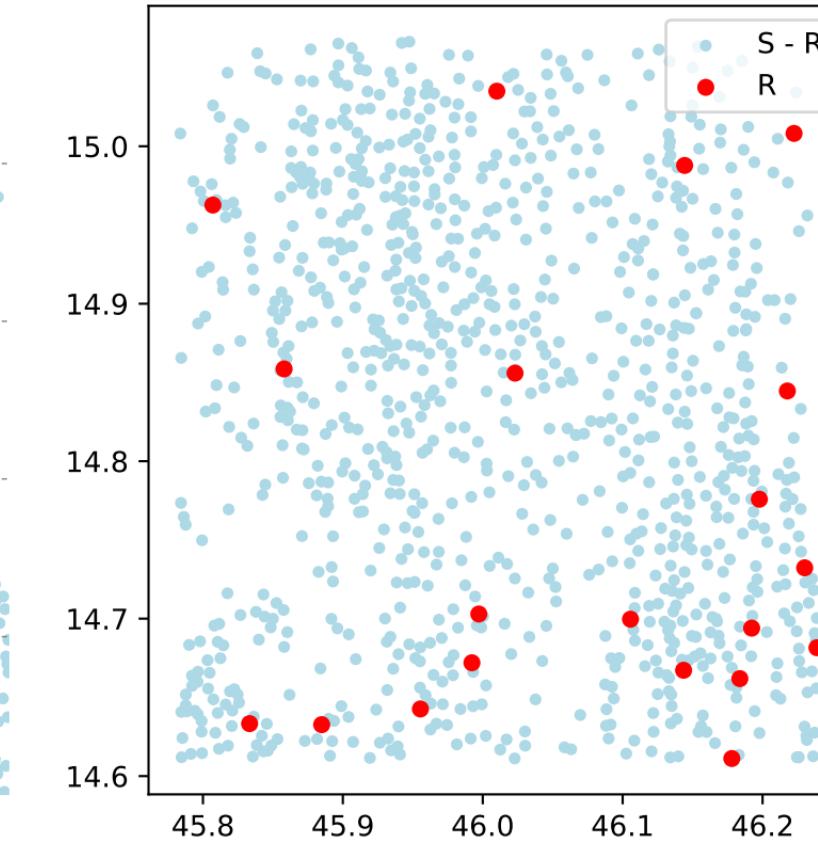
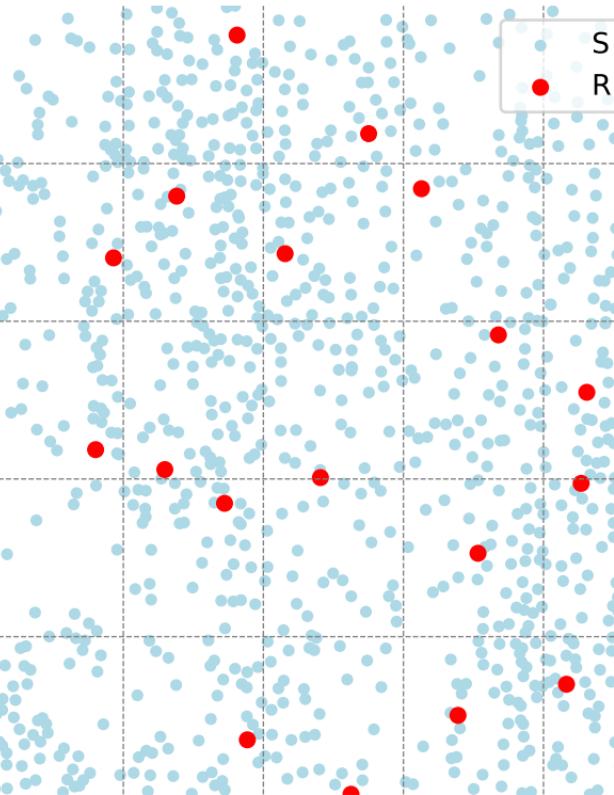
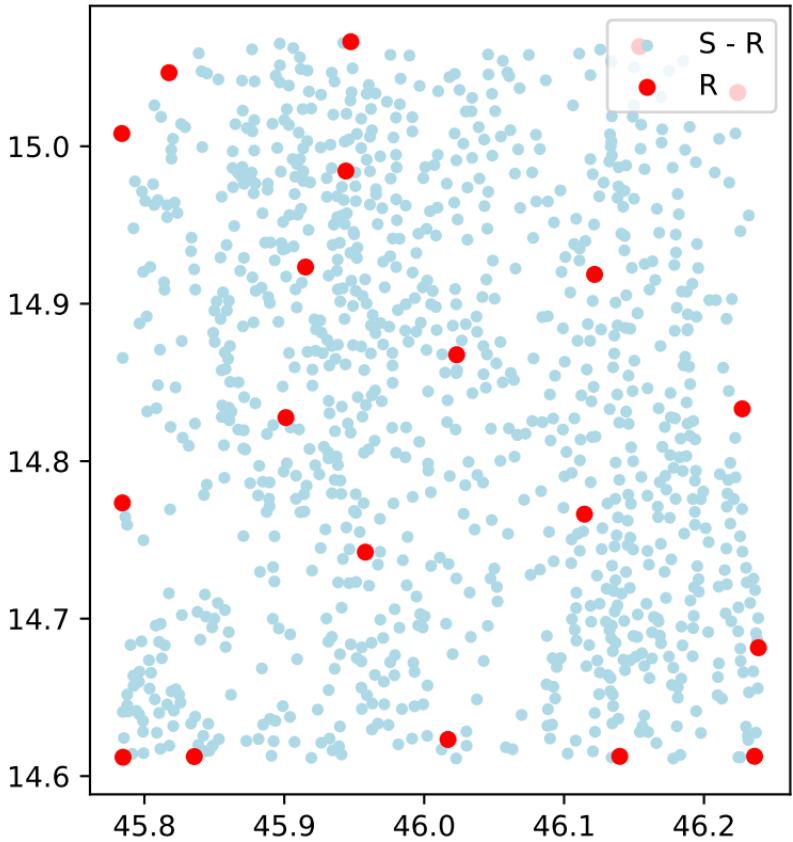
Baseline No R
Score: 5125.8462

Grid Sampling
Score: 4872.6606

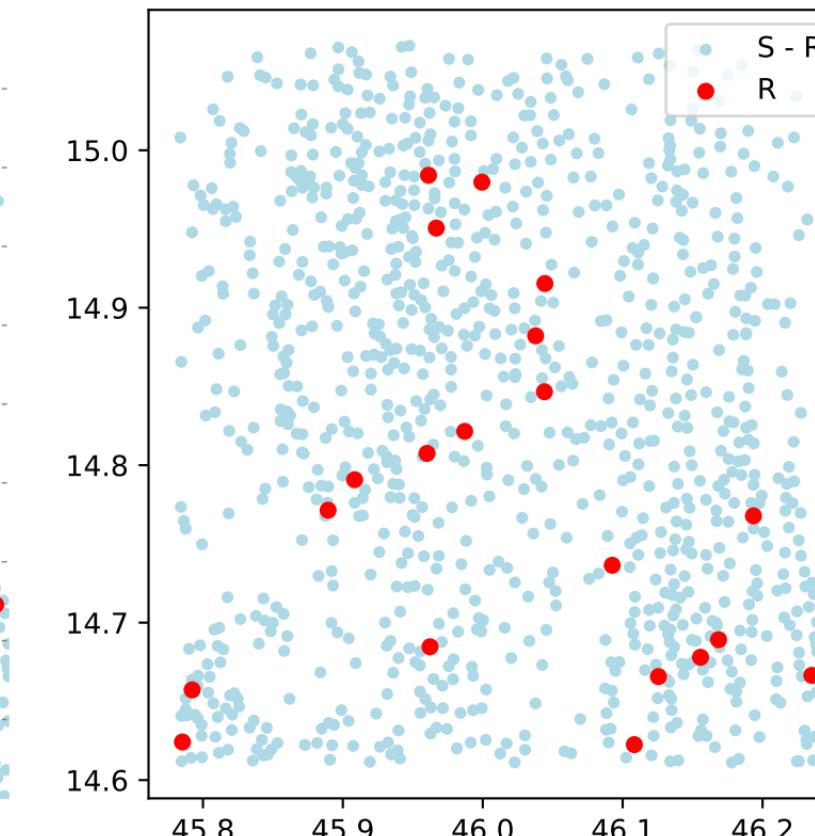
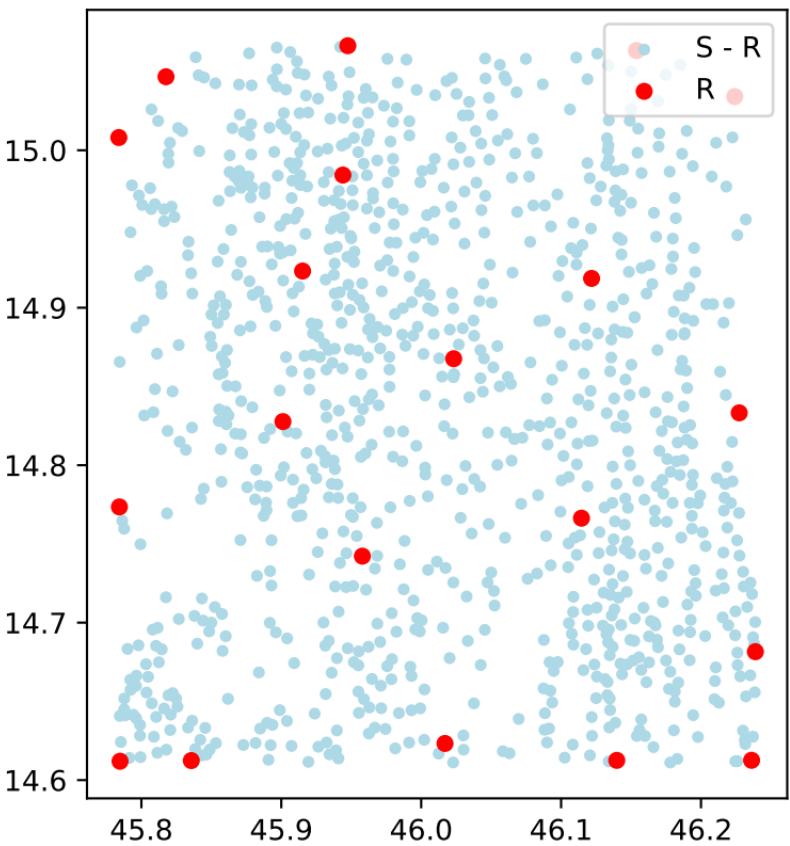
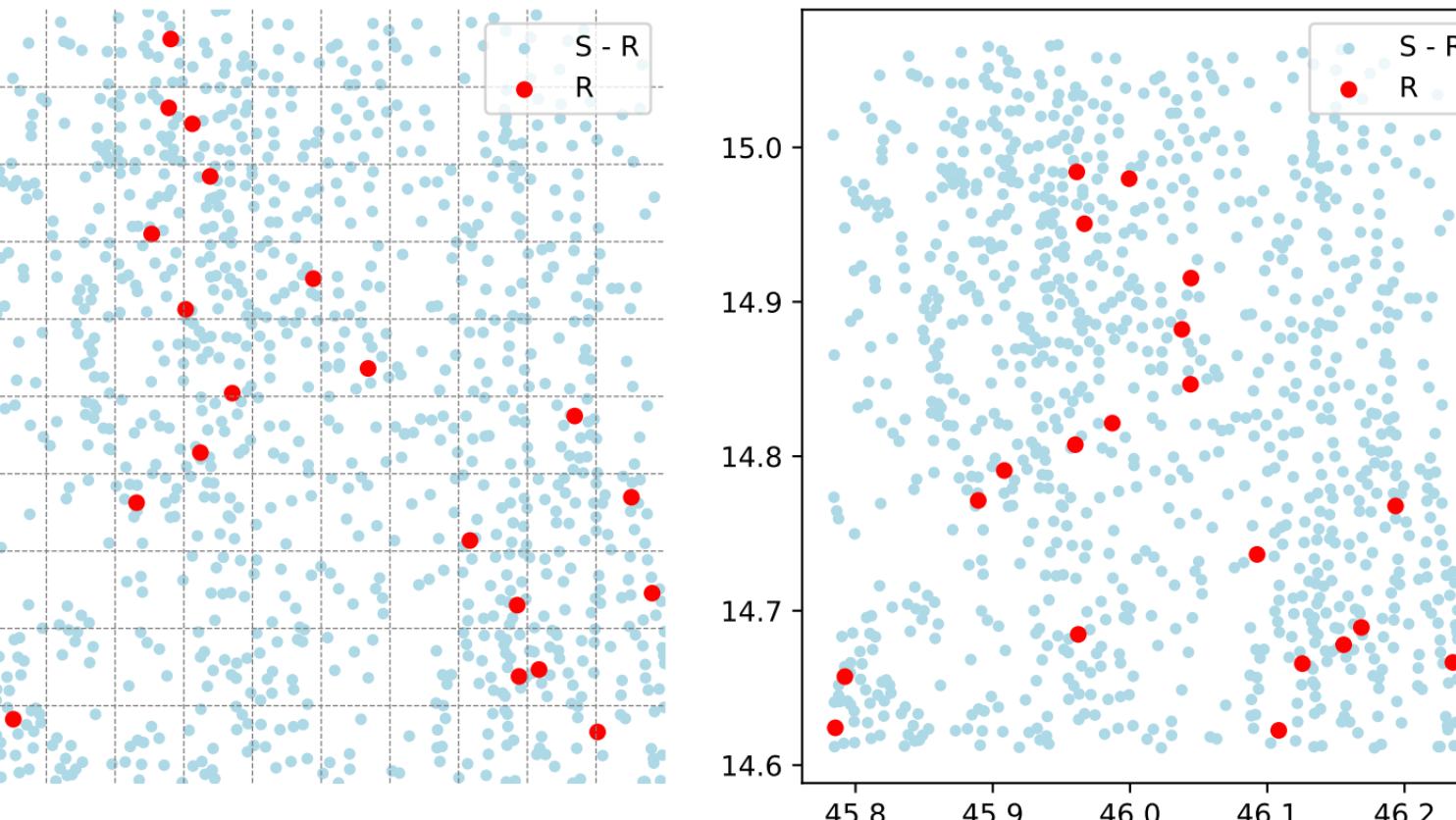
Sampling
Score: 4125.1620



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=20 | G=25 (5x5)
Baseline No R | Grid Sampling | Sampling
Score: 5125.8462 Score: 4838.5443 Score: 4457.2228



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=20 | G=100 (10x10)
Sampling
Score: 4774.1034



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=20 | G=256 (16x16)

Baseline No R

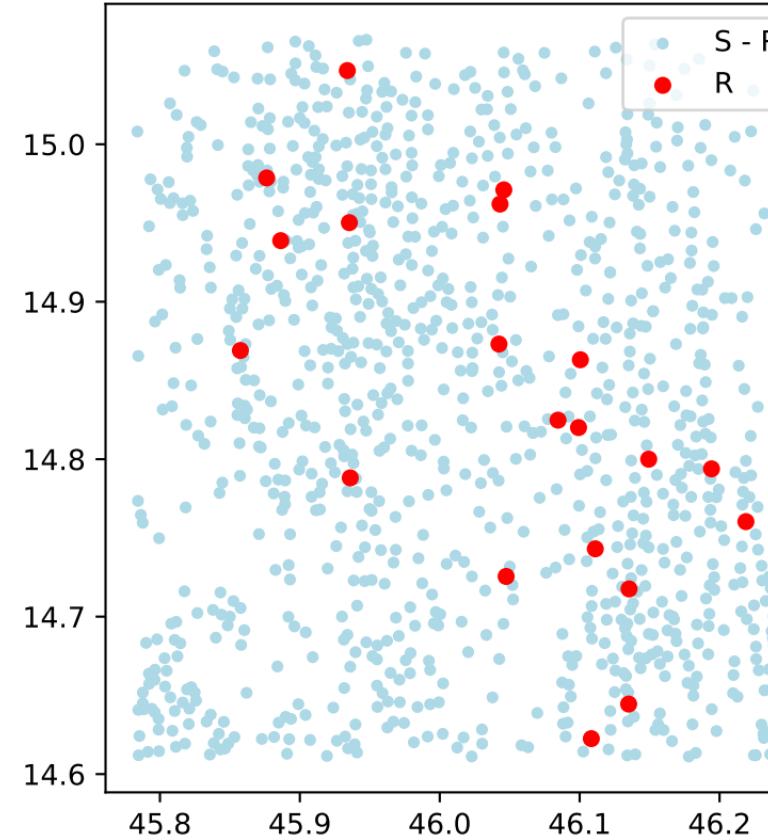
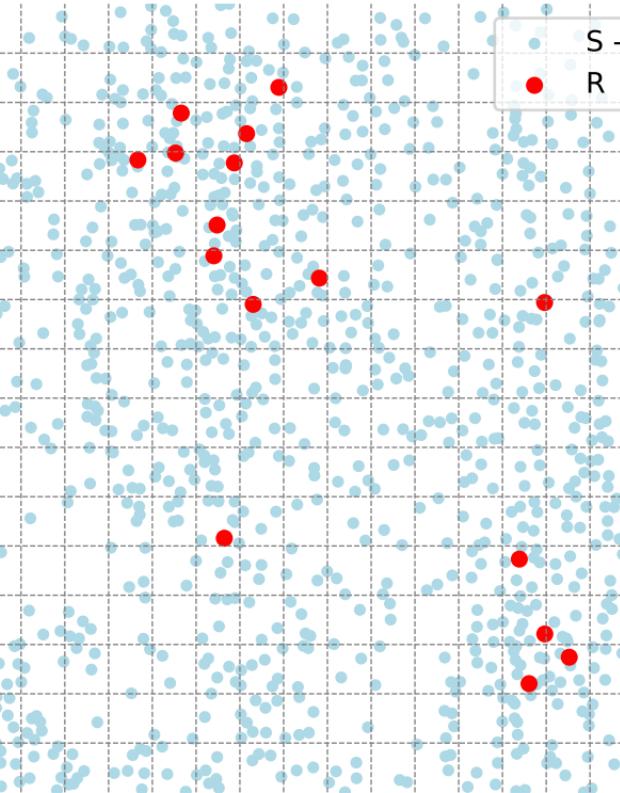
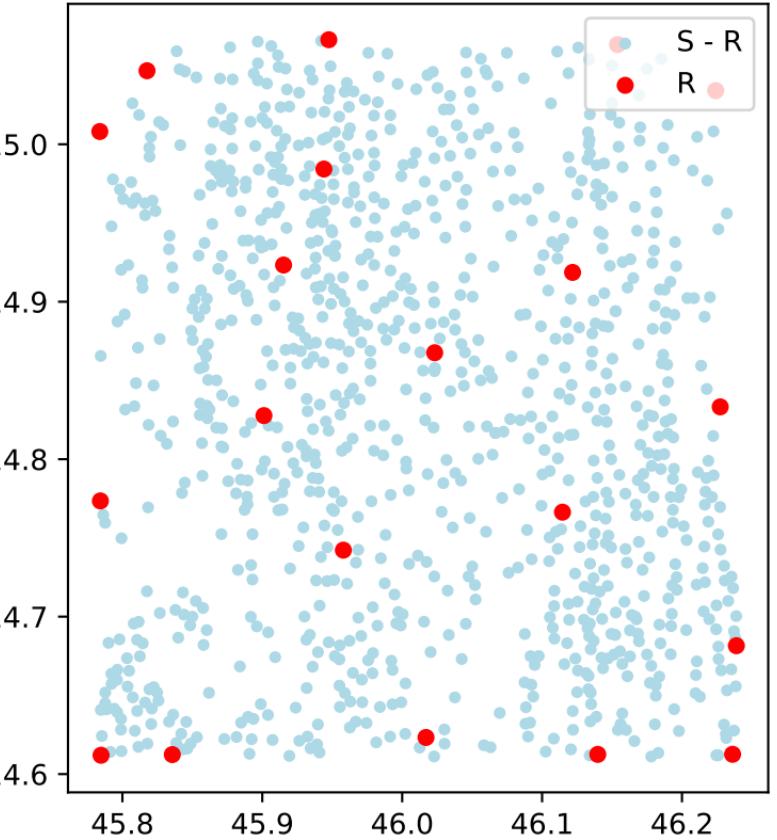
Score: 5125.8462

Undersampling

Score: 4805.3358

Oversampling

Score: 4554.7318

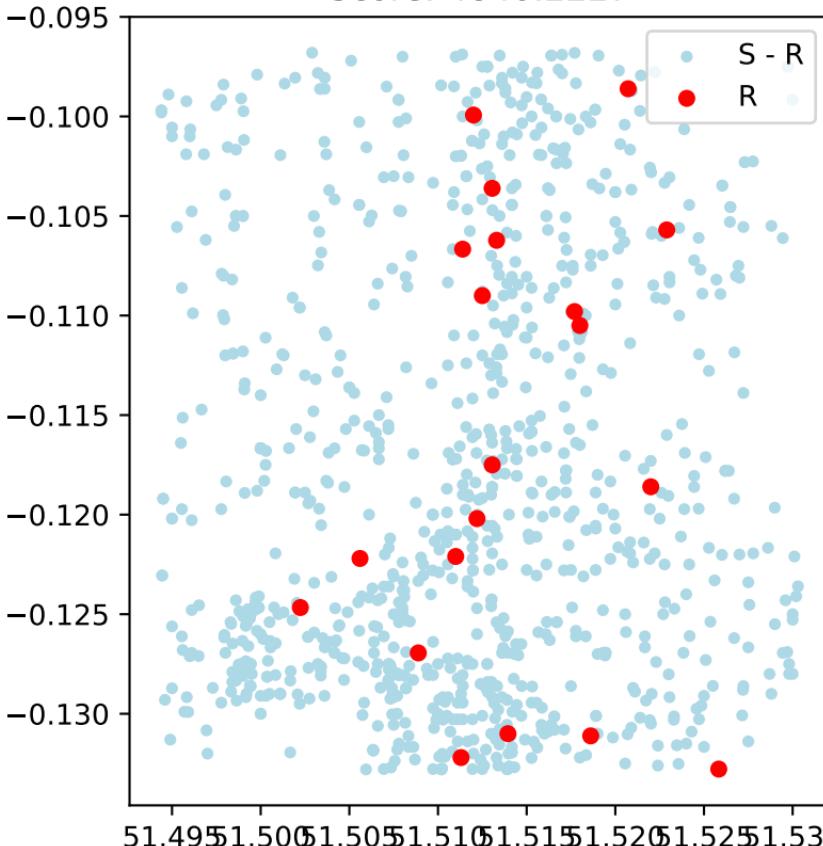
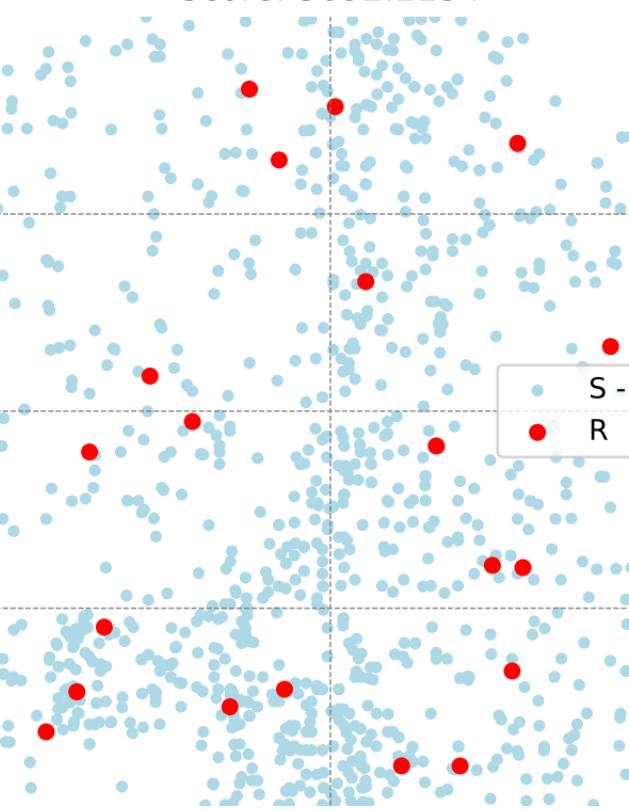
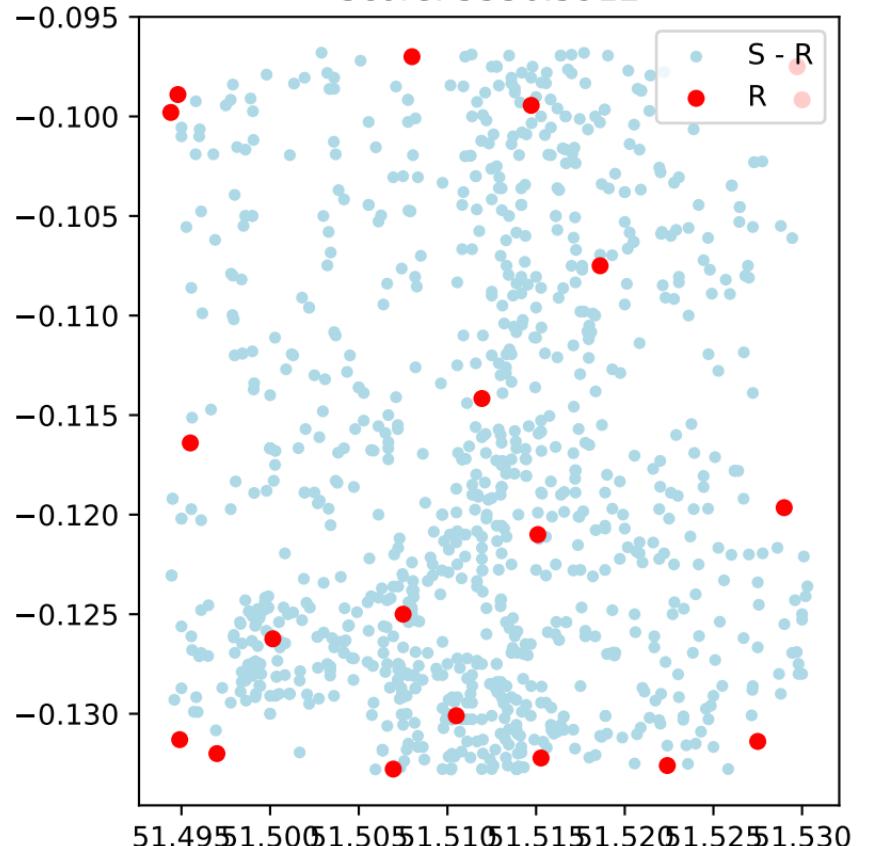


Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=20 | G=8 (2x4)

Base Fadu No R
Score: 5336.5912

Grid Sampling
Score: 5092.2134

Sampling
Score: 4840.2227

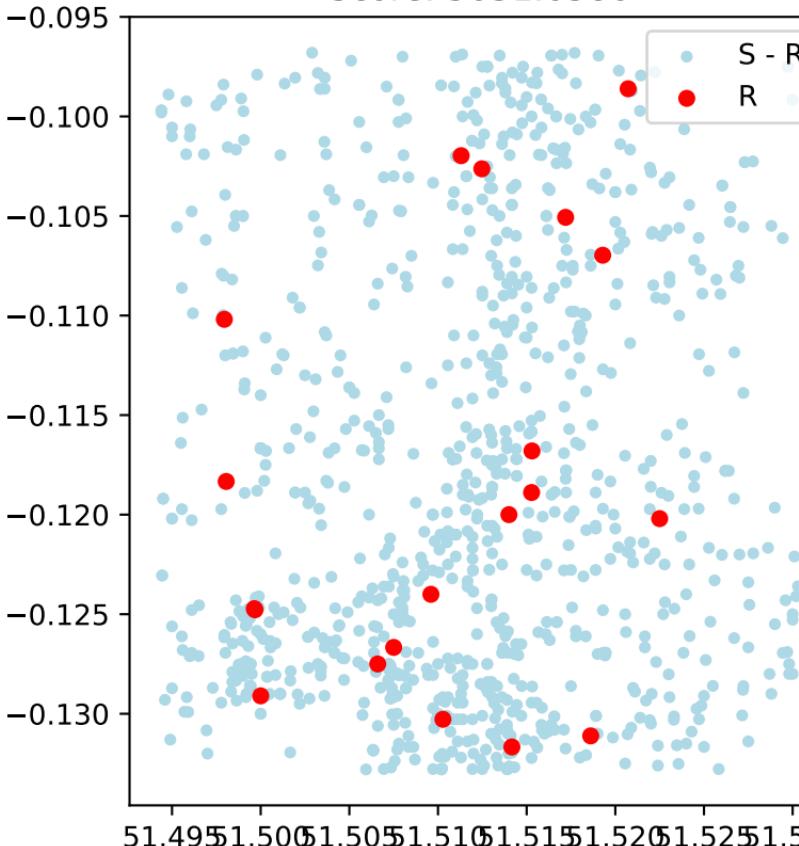
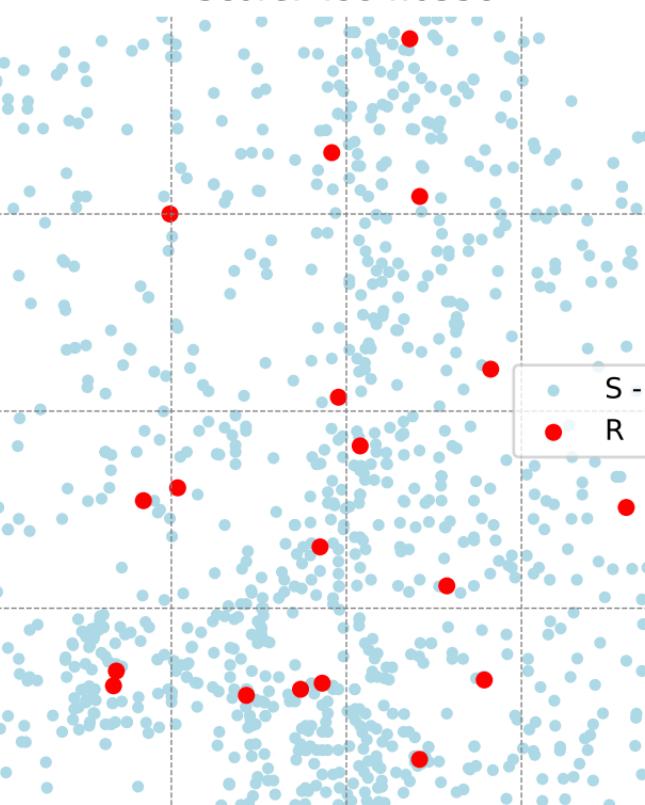
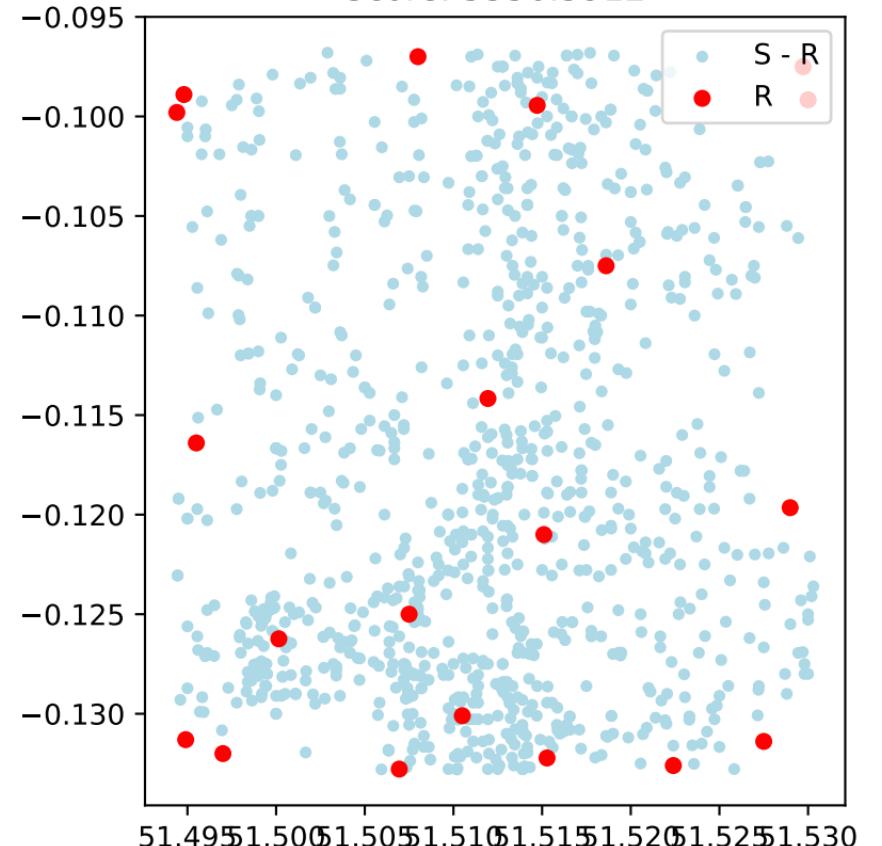


Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=20 | G=16 (4x4)

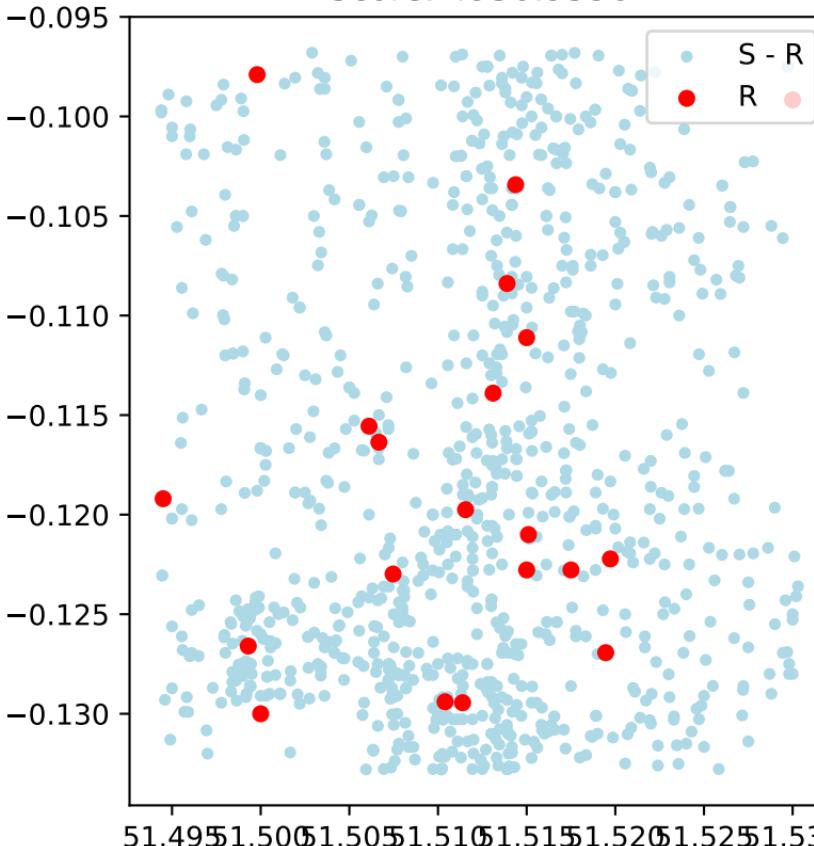
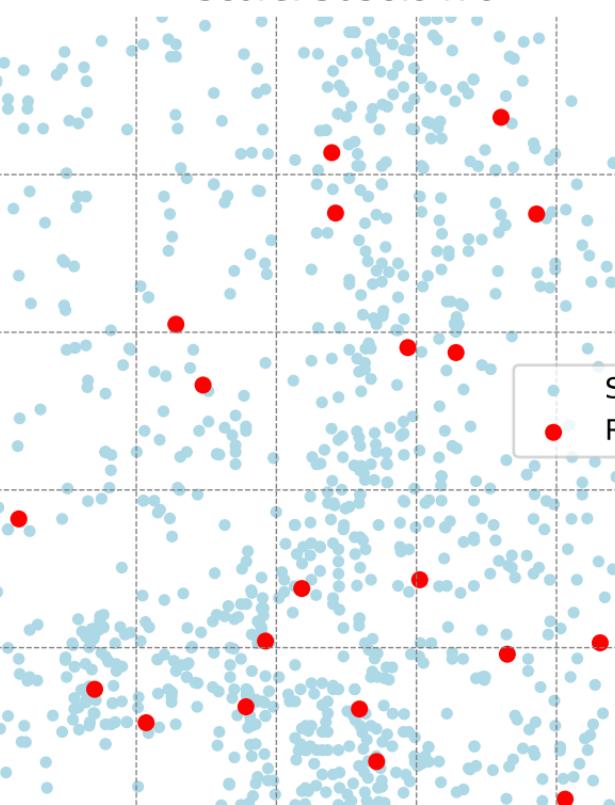
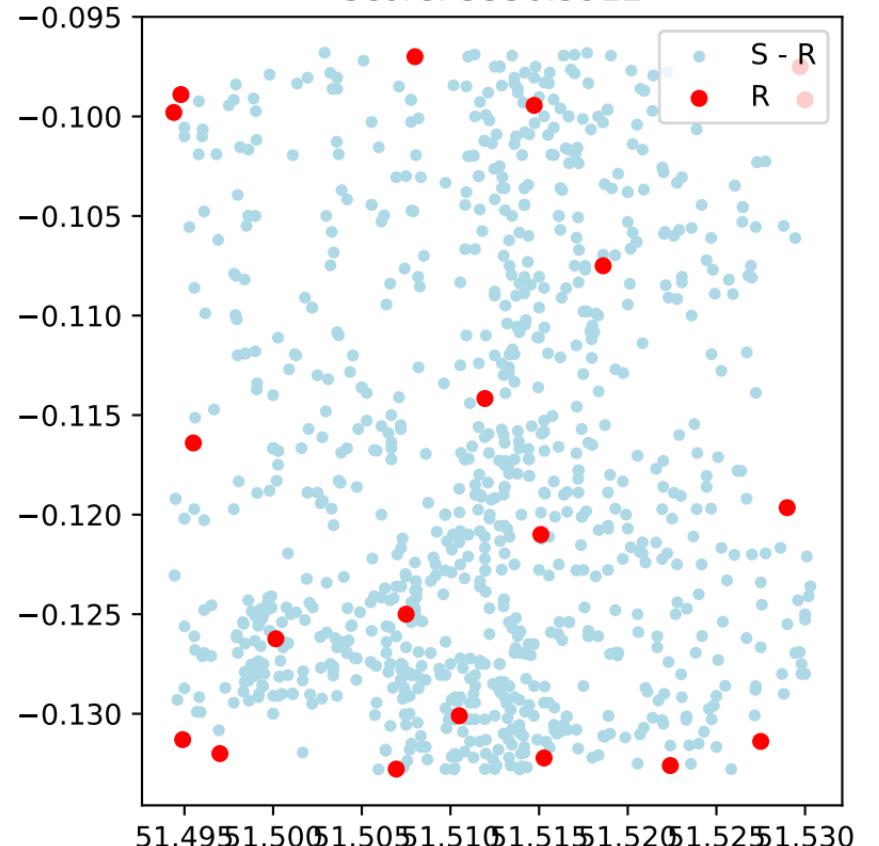
Baseline No R
Score: 5336.5912

Grid Sampling
Score: 4994.6338

Sampling
Score: 5031.6386



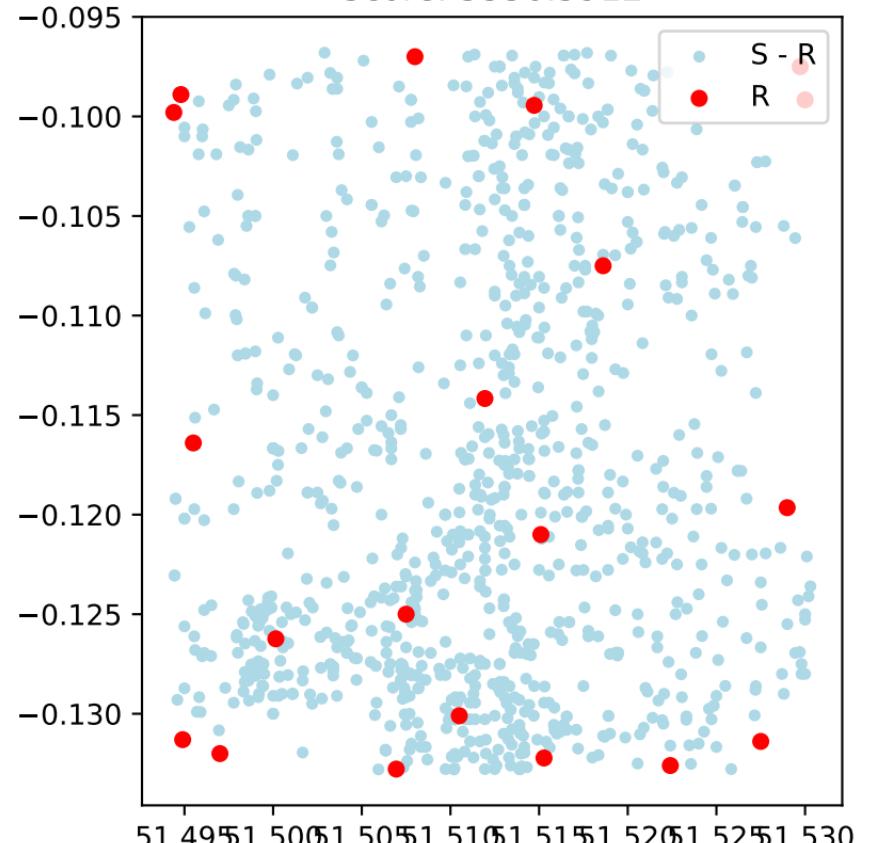
Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=20 | G=25 (5x5)



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=20 | G=100 (10x10)

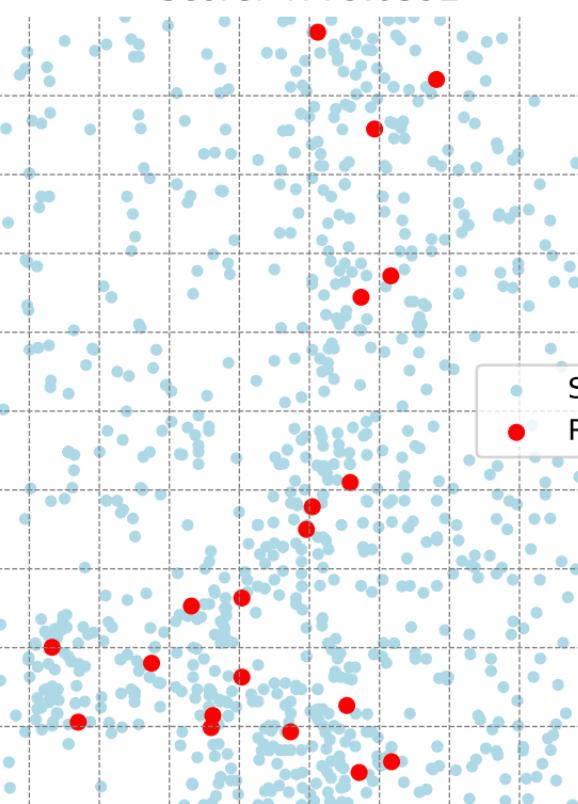
Baseline No R

Score: 5336.5912



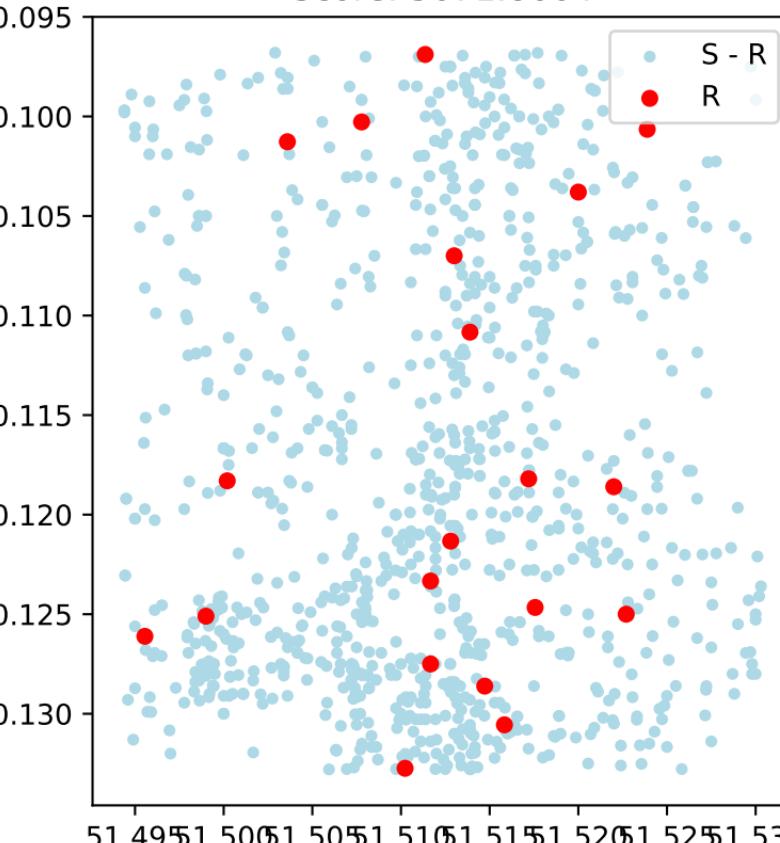
Undersampling

Score: 4779.0392



Oversampling

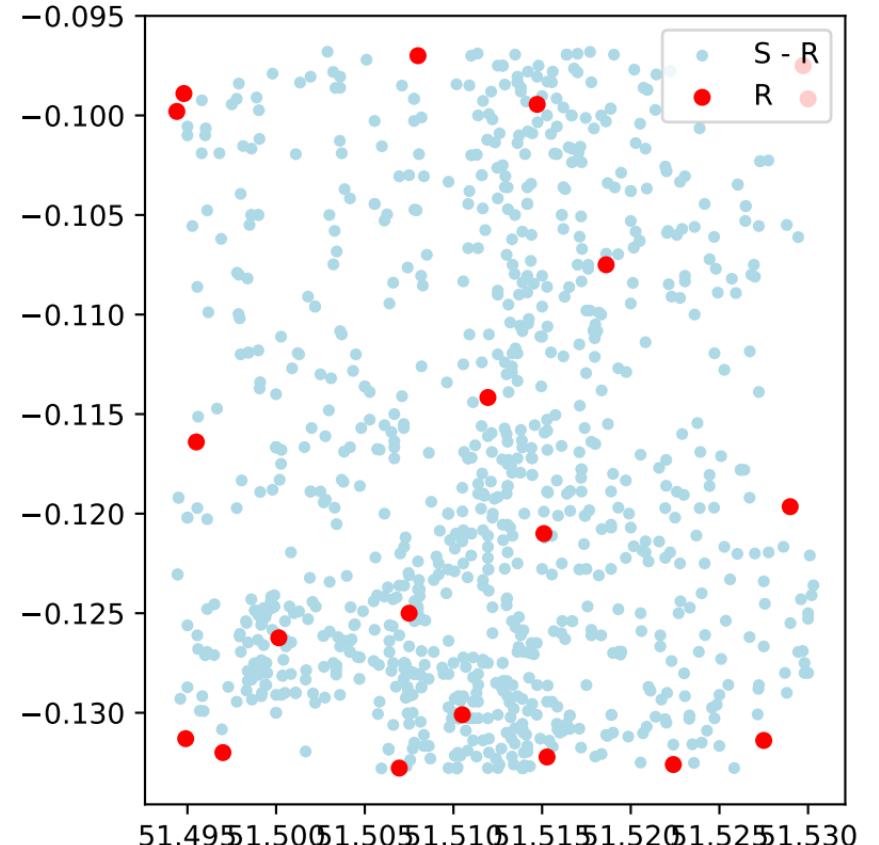
Score: 5071.8664



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=20 | G=256 (16x16)

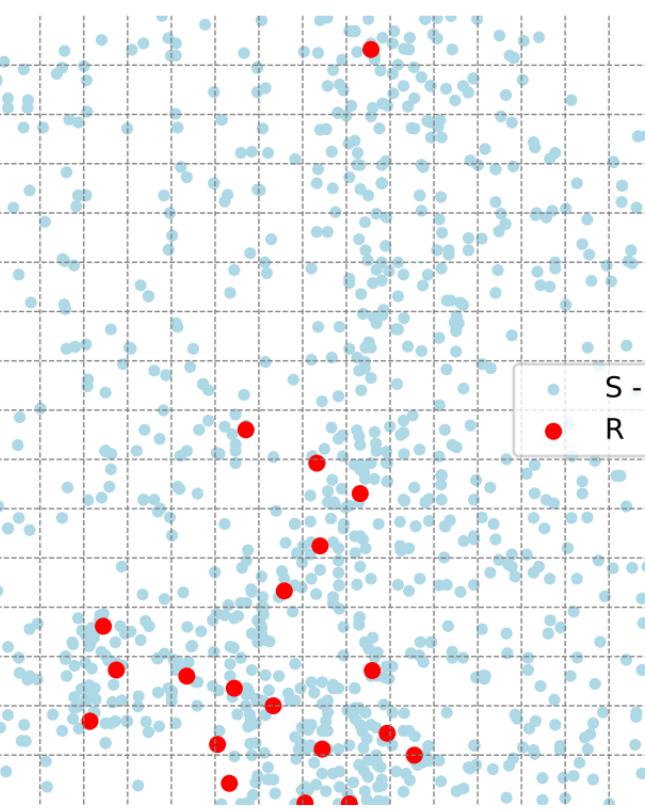
Baseline No R

Score: 5336.5912



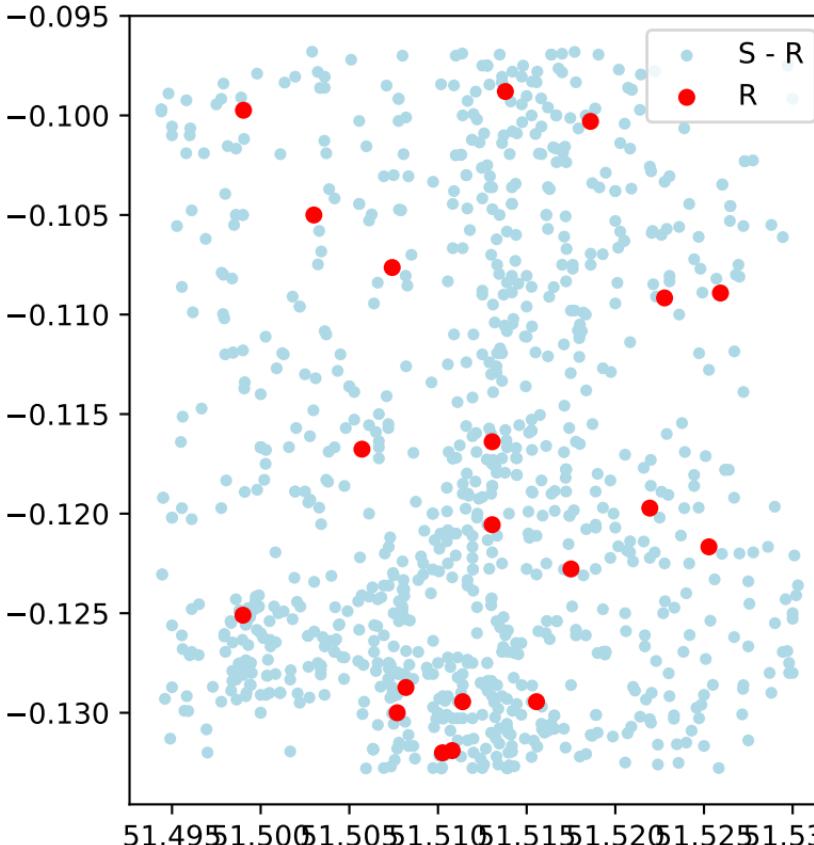
Undersampling

Score: 3976.9788



Oversampling

Score: 5065.3651

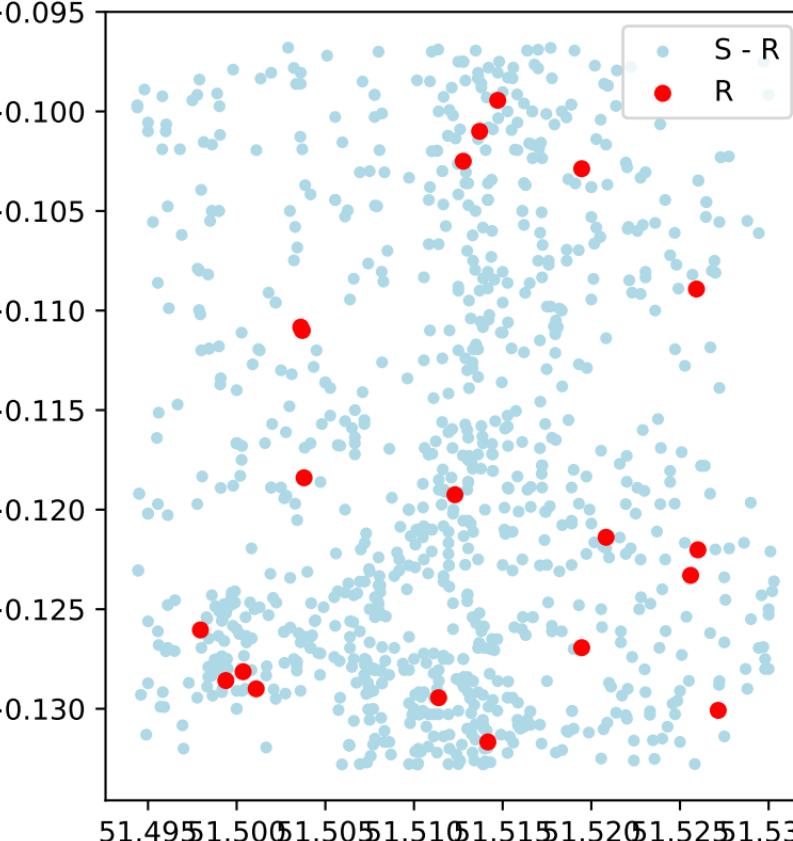
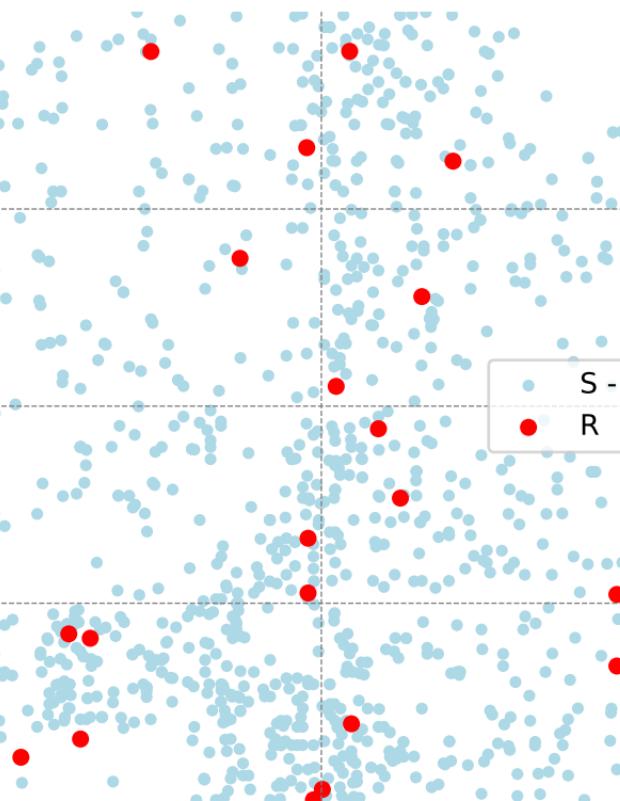
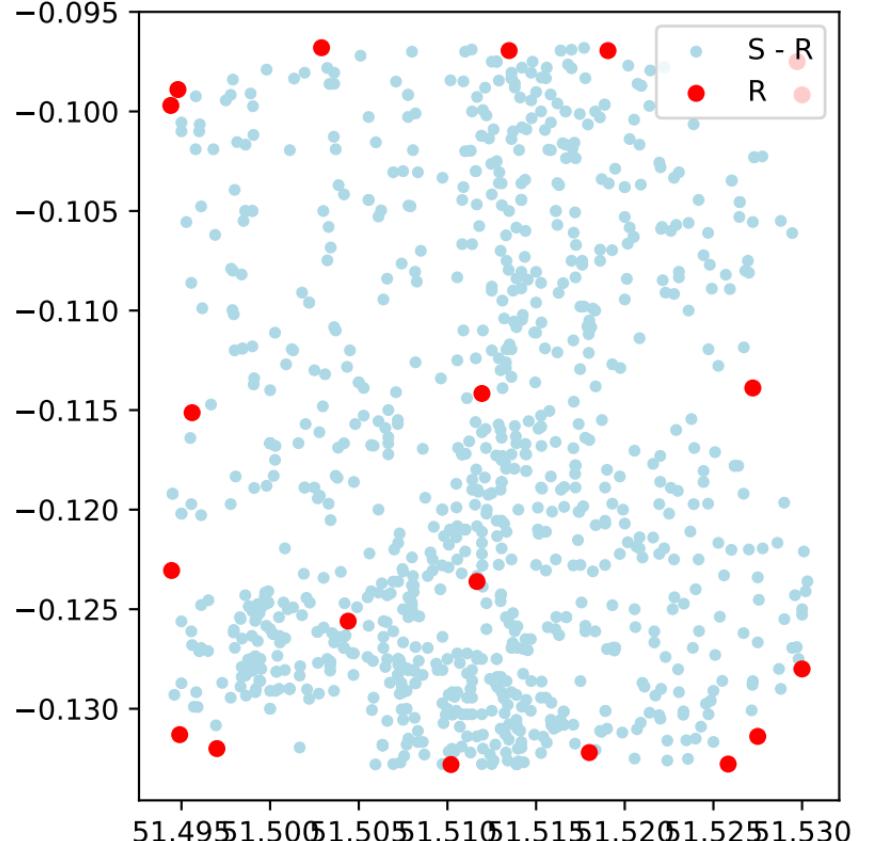


Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=20 | G=8 (2x4)

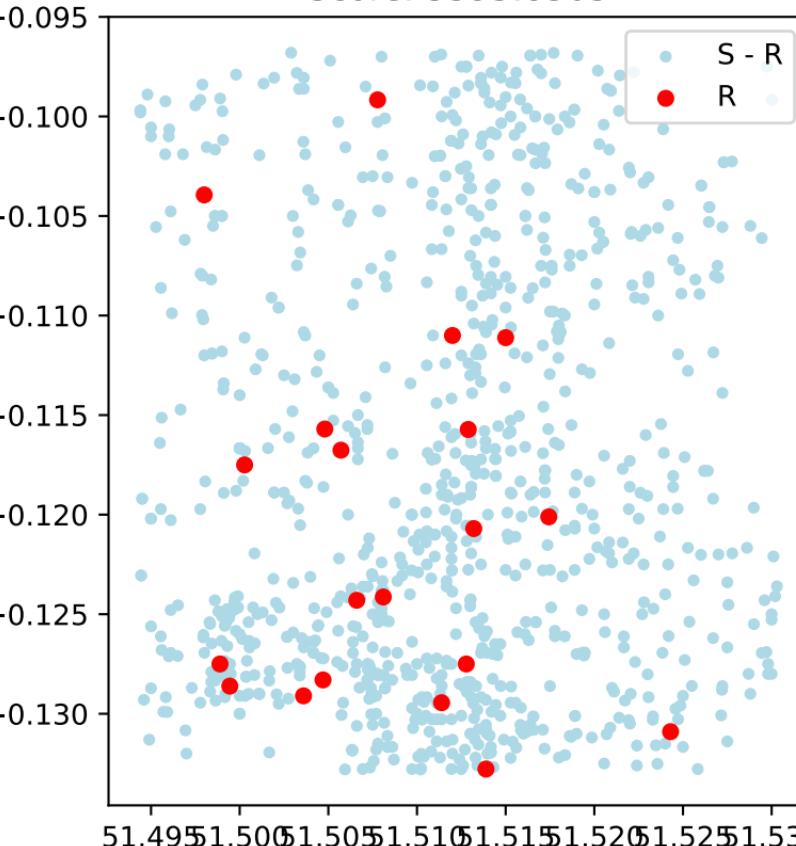
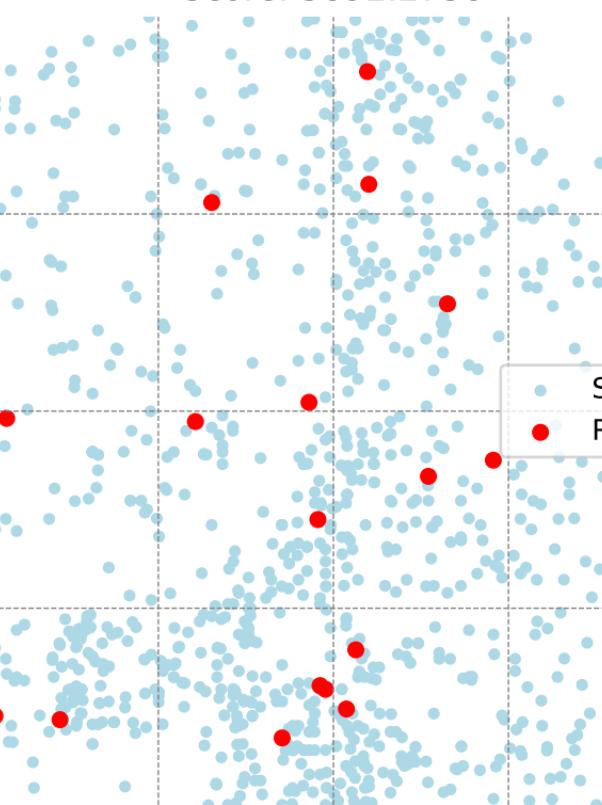
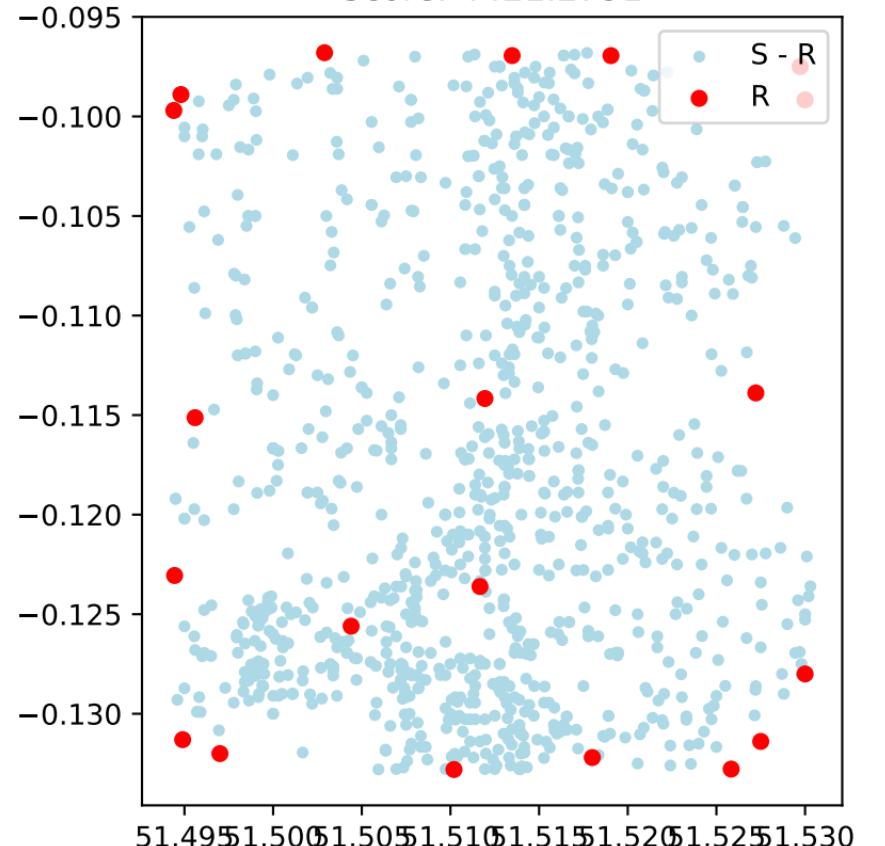
Base Iadu No R
Score: 4421.2791

Grid Sampling
Score: 3914.1135

Sampling
Score: 3955.3813



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=20 | G=16 (4x4)



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=20 | G=25 (5x5)

Baseline

No R

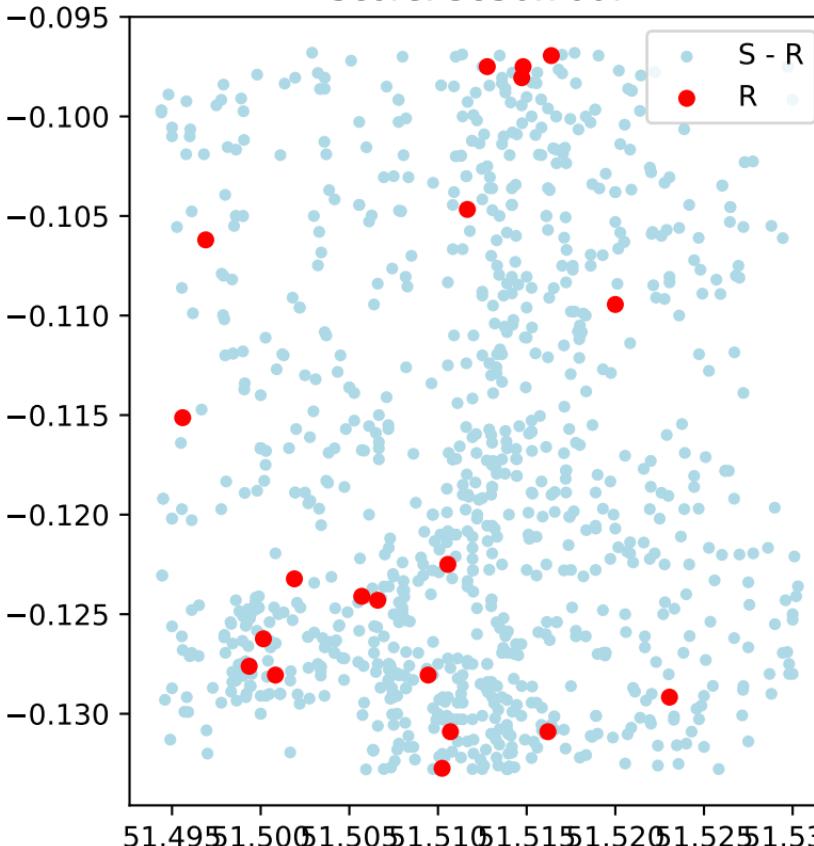
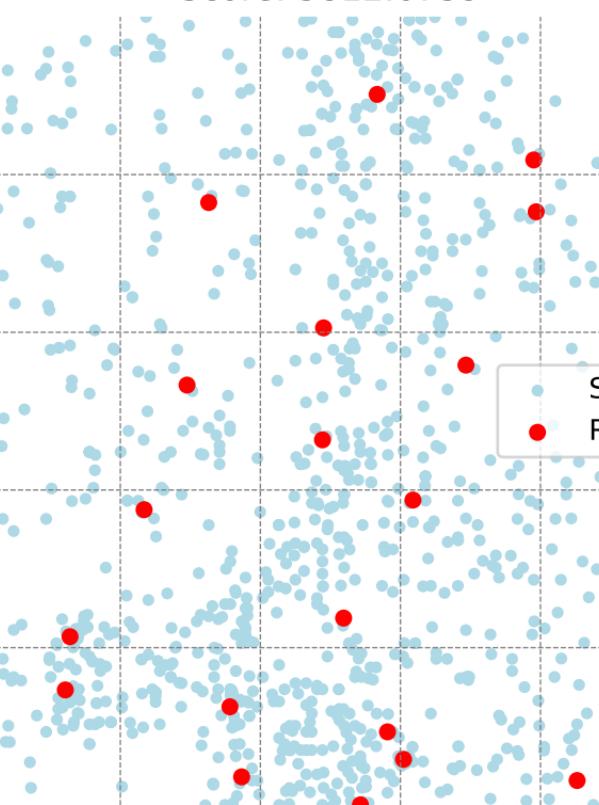
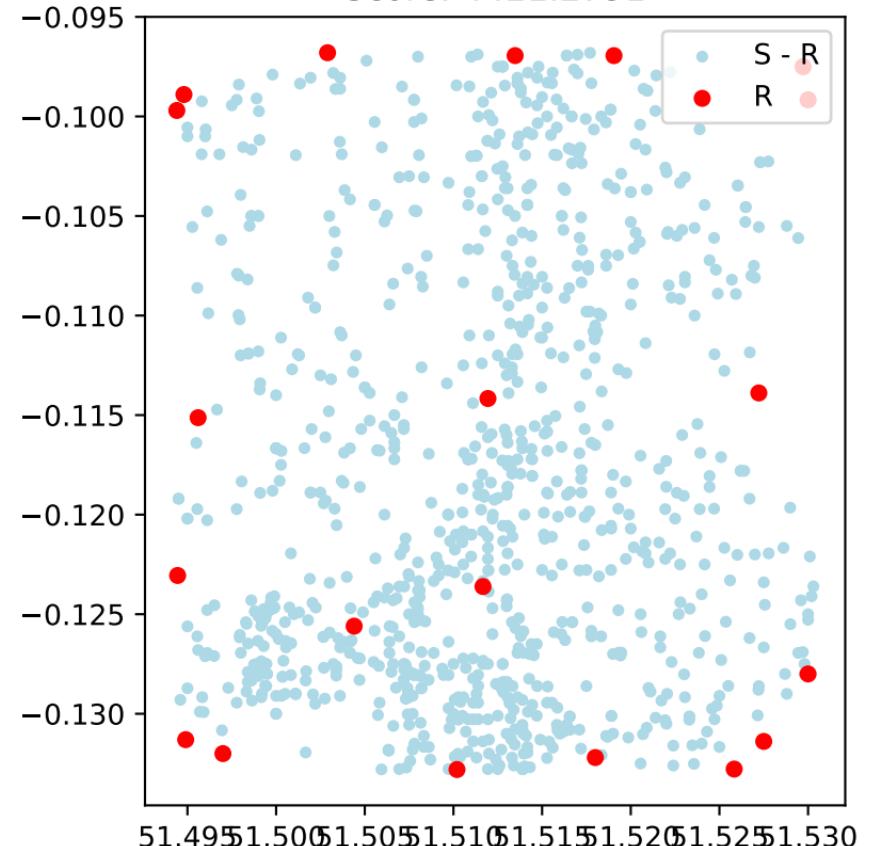
Score: 4421.2791

Grid Sampling

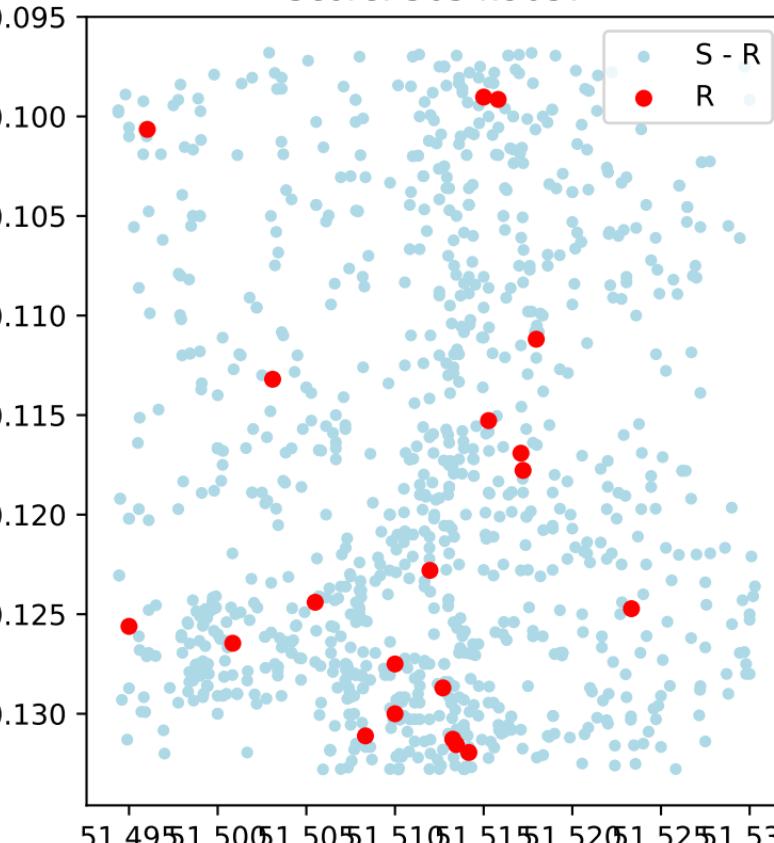
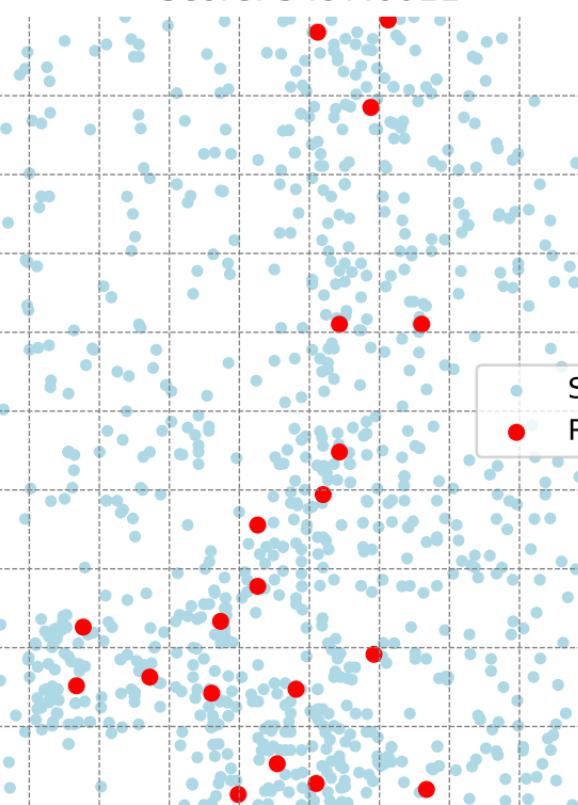
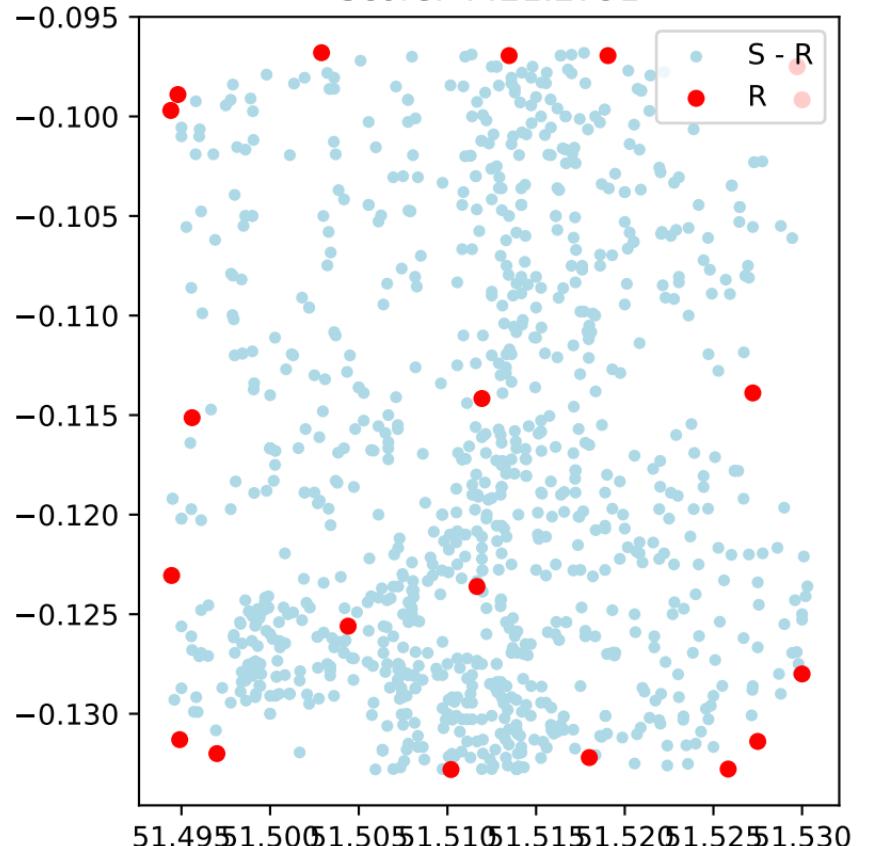
Score: 3812.6739

Sampling

Score: 3850.7667



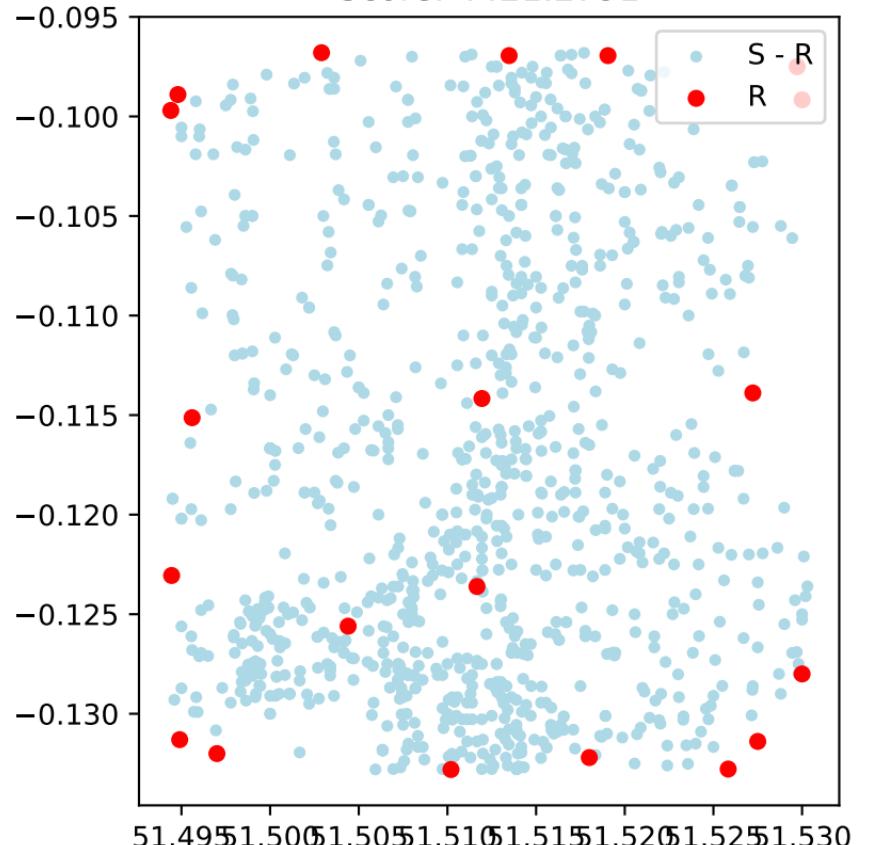
Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=20 | G=100 (10x10)
Baseline No R | Undersampling | Ours Sampling
Score: 4421.2791 Score: 3497.6011 Score: 3654.9037



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=20 | G=256 (16x16)

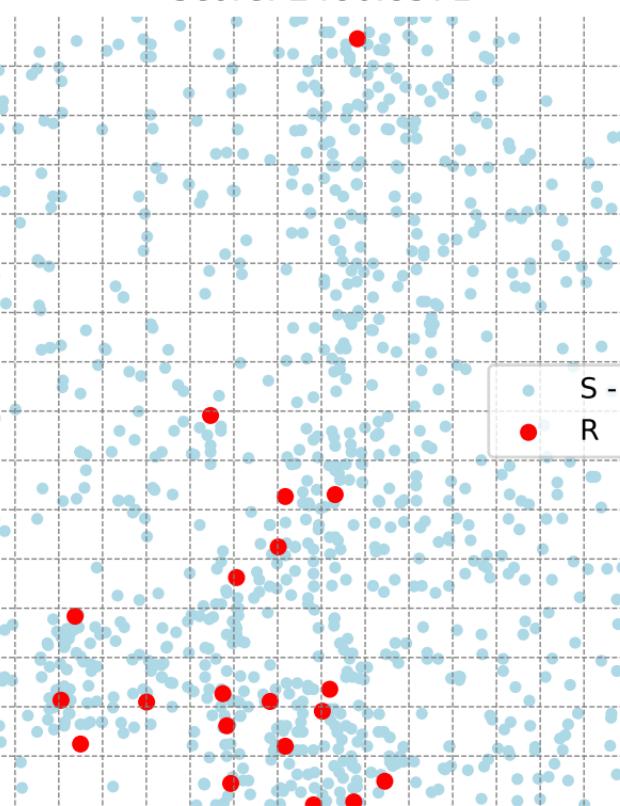
Baseline No R

Score: 4421.2791



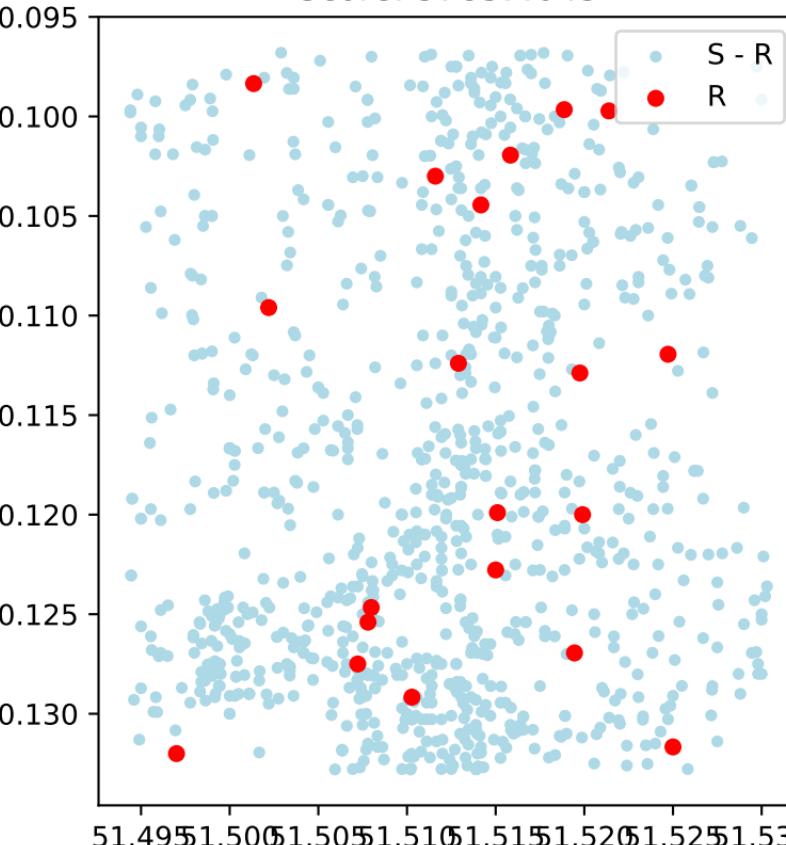
Undersampling

Score: 2486.8571



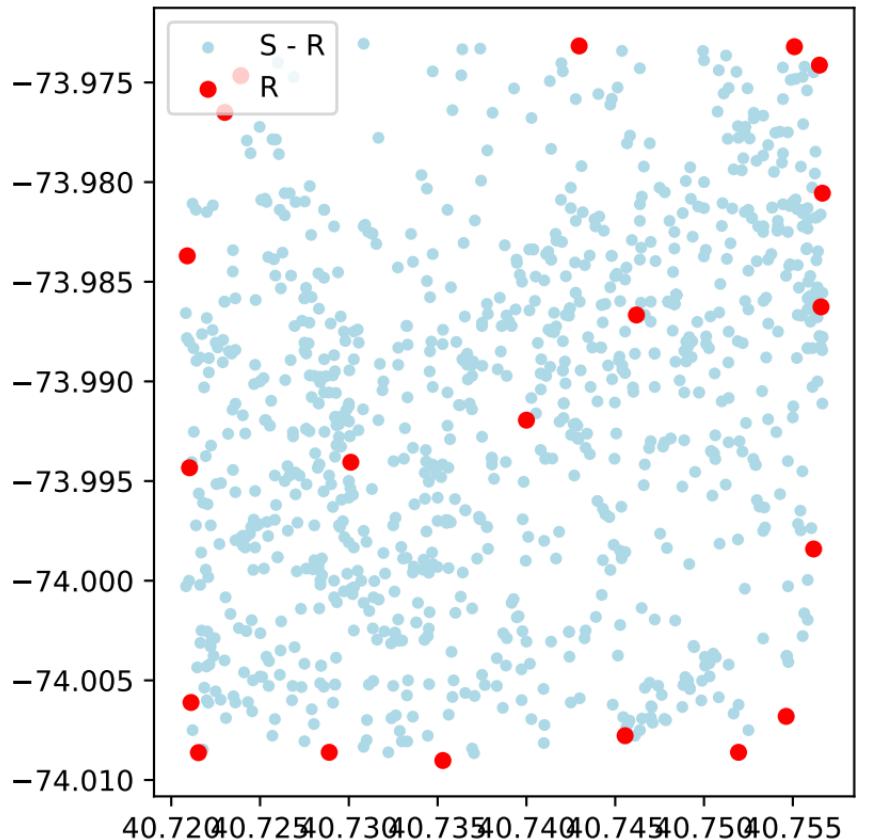
Oversampling

Score: 3785.4043

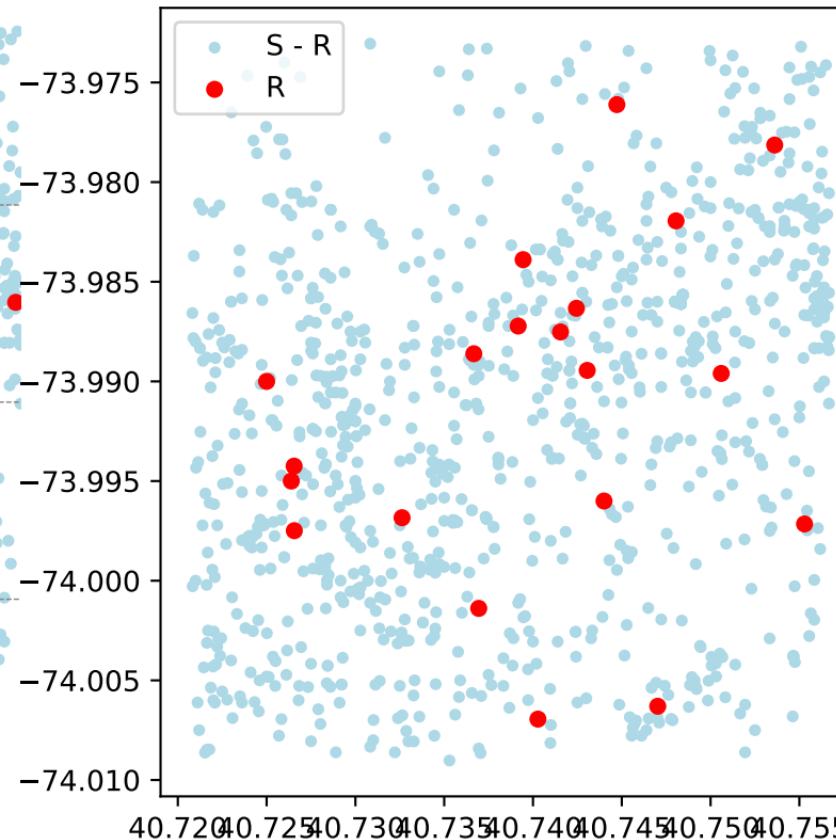
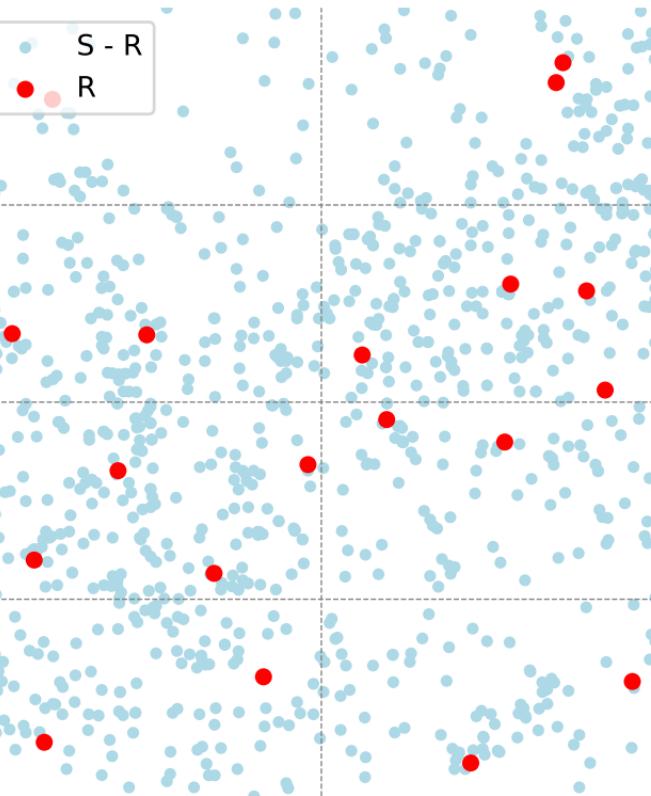


Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=20 | G=8 (2x4)

Base Fadu No R
Score: 4362.1201

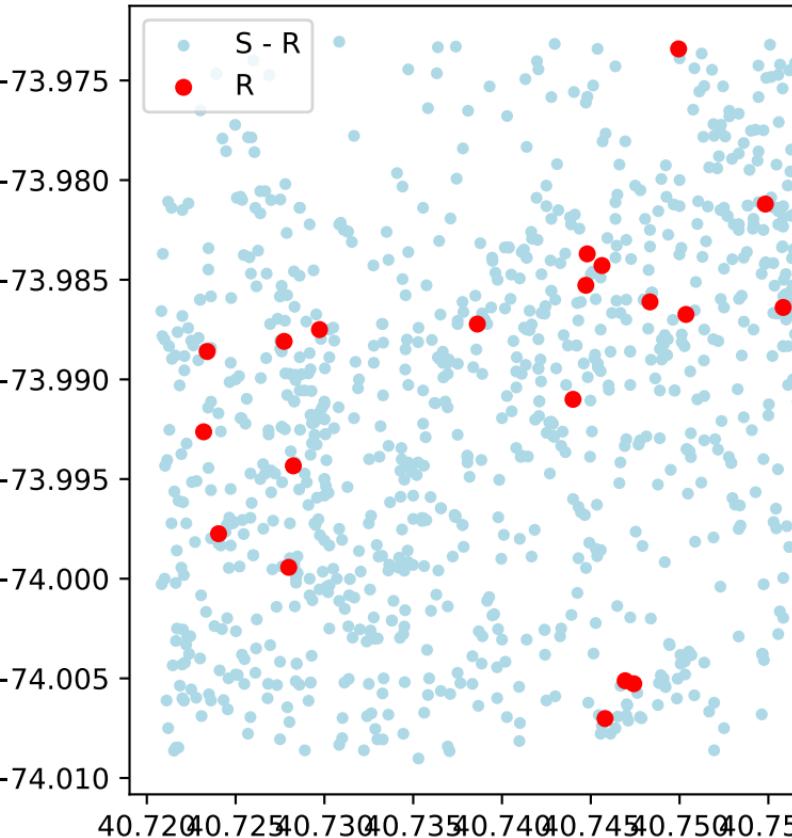
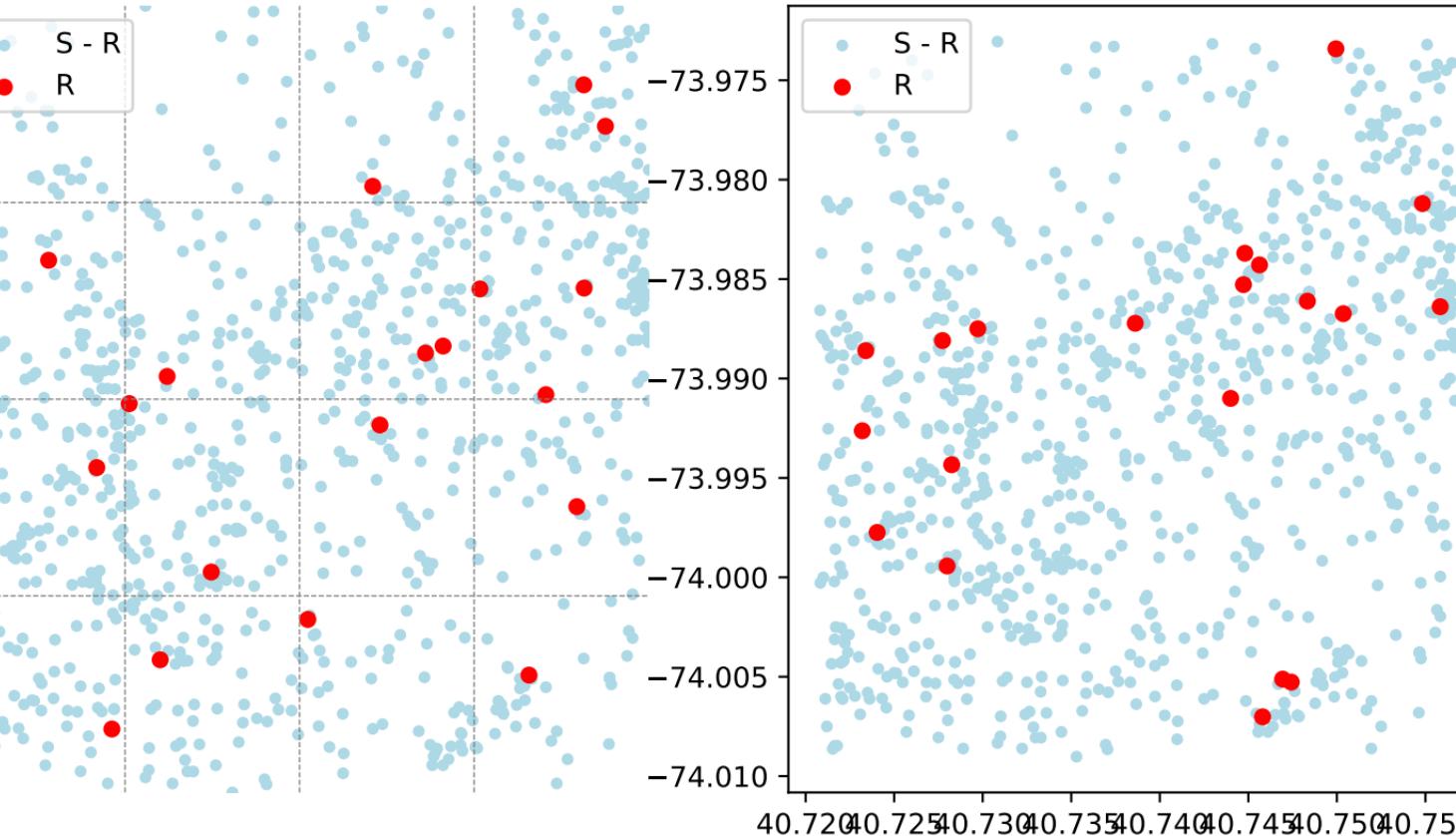
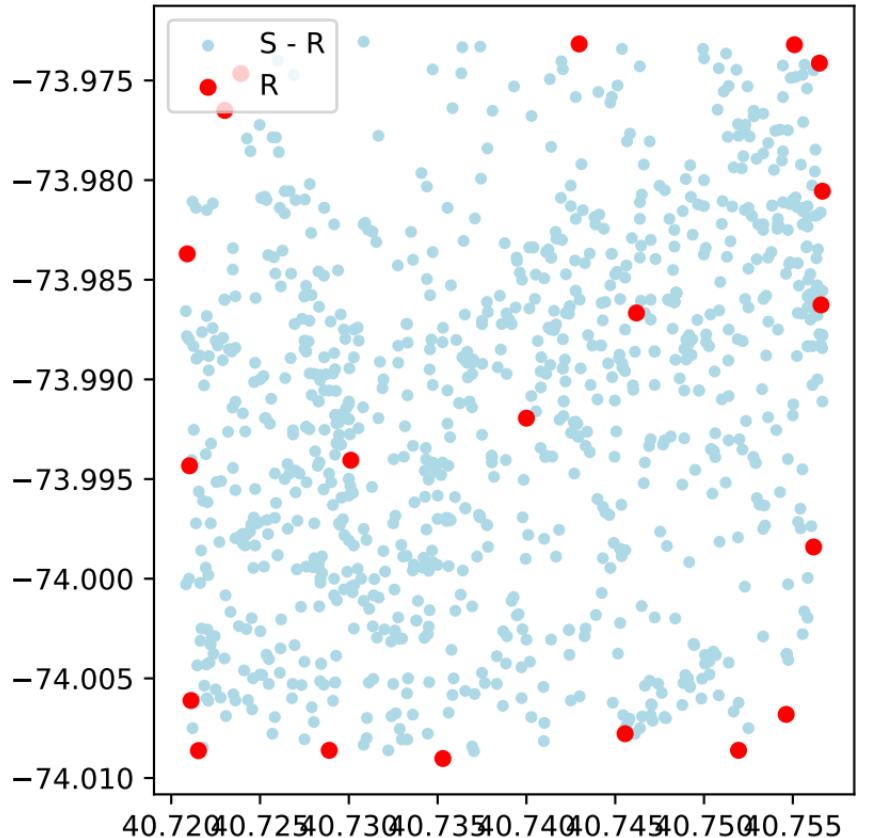


Grid Sampling
Score: 3937.6183



Sampling
Score: 3557.7064

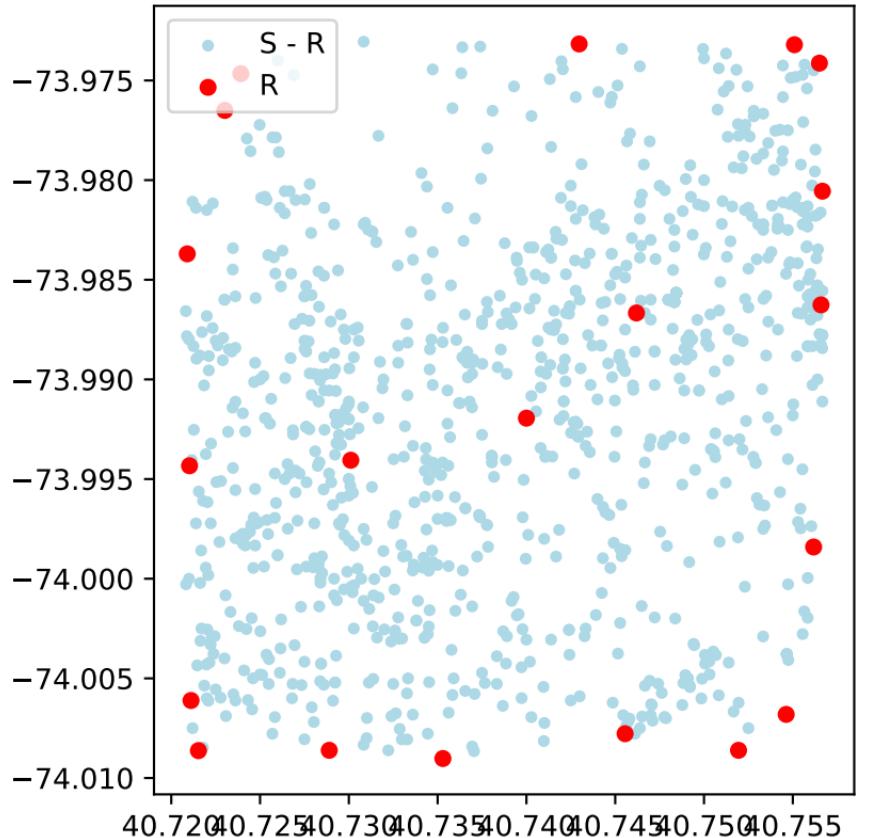
Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=20 | G=16 (4x4)



Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=20 | G=25 (5x5)

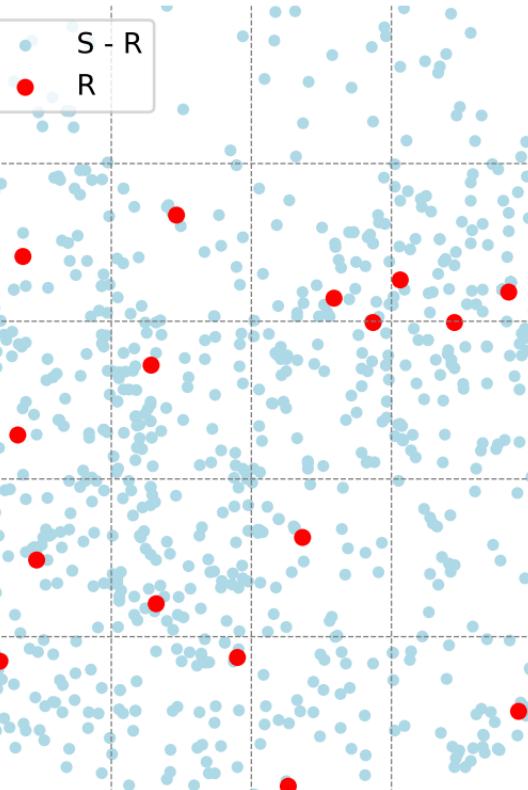
Baseline No R

Score: 4362.1201



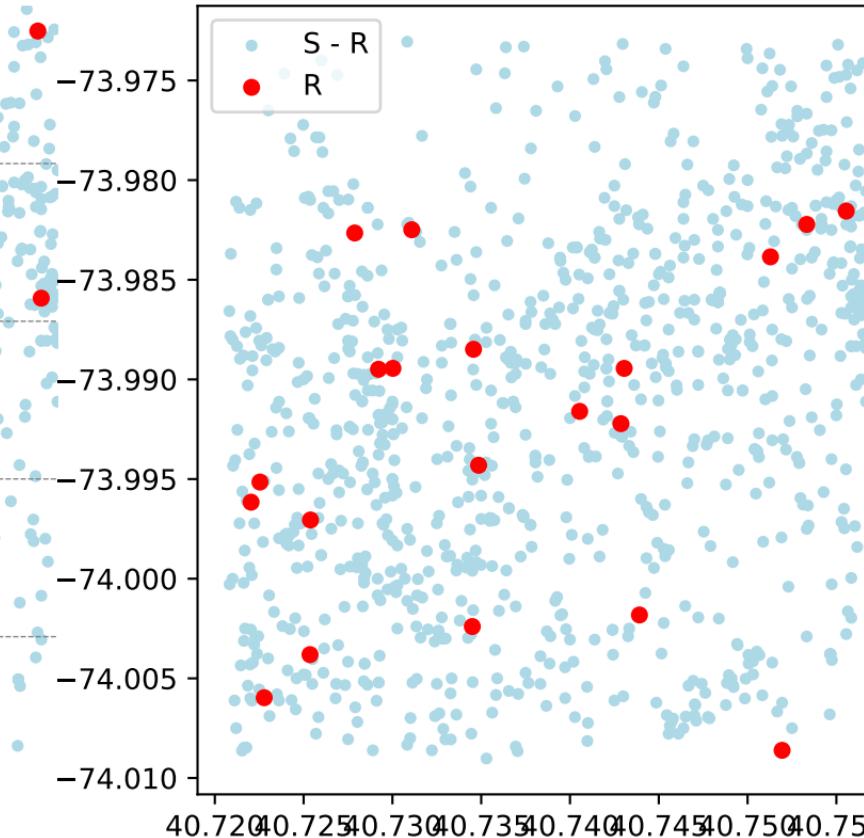
Grid Sampling

Score: 3852.8176

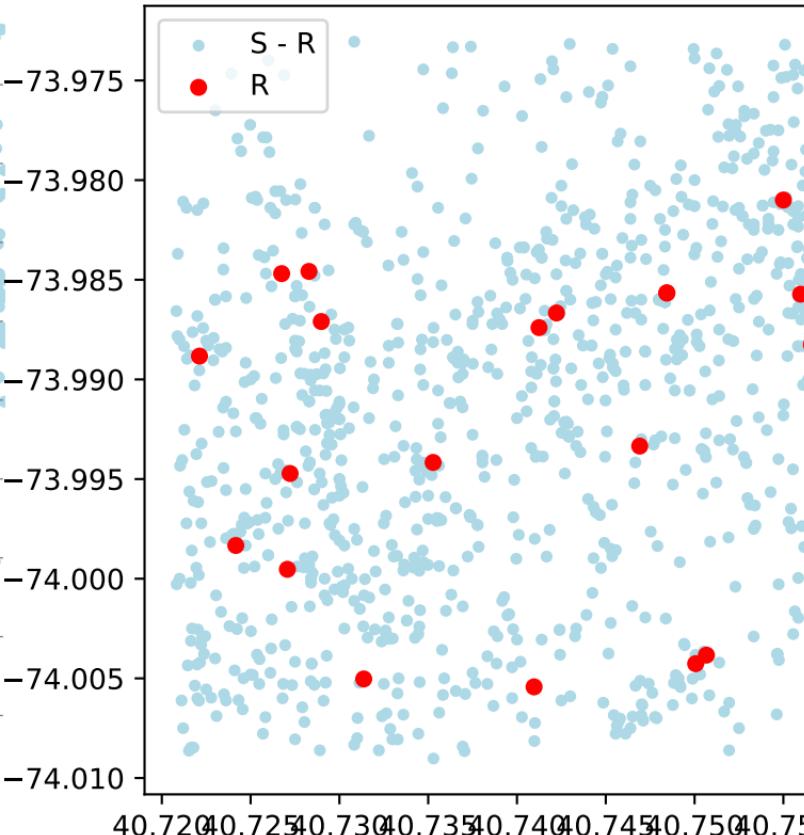
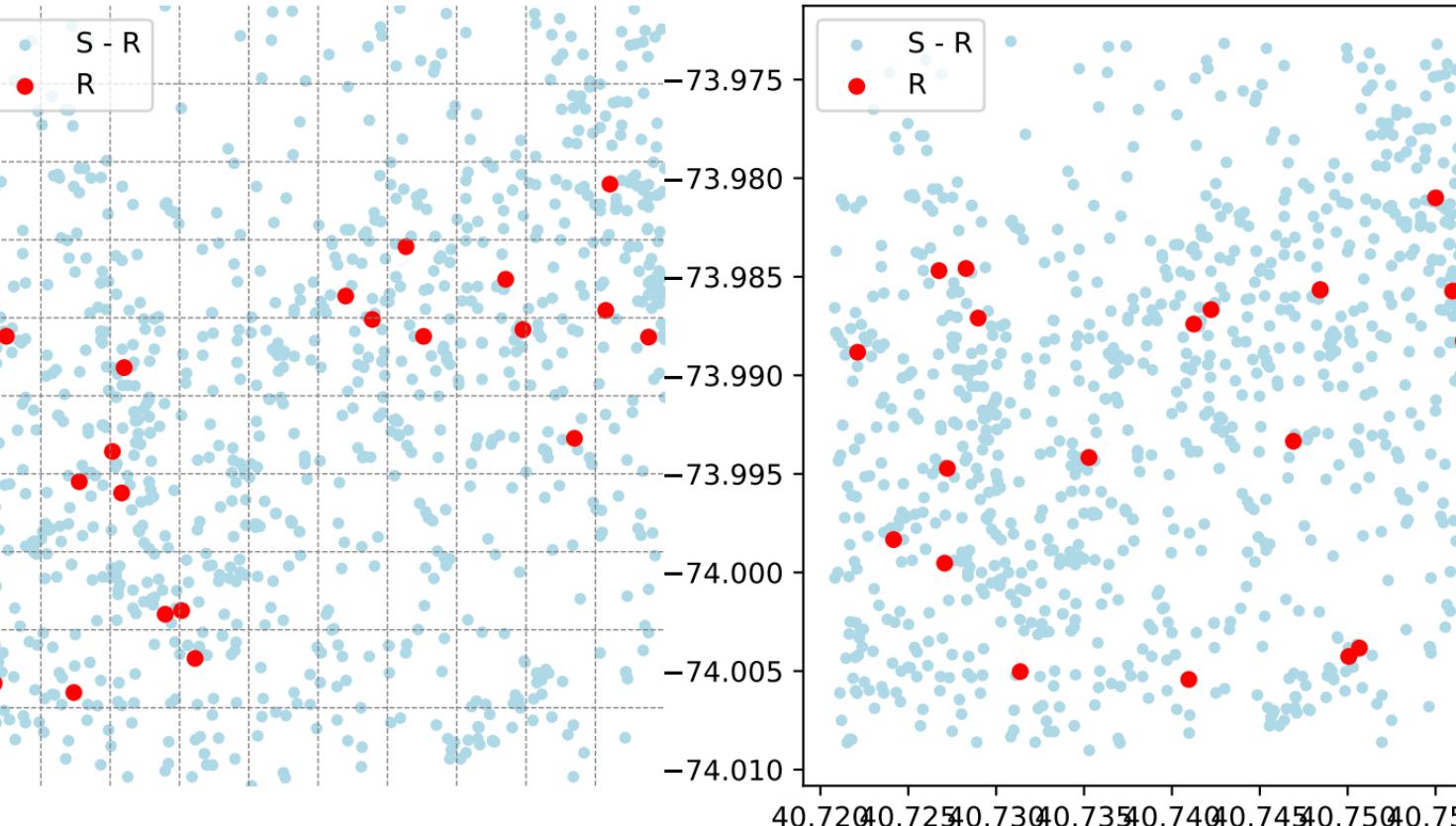
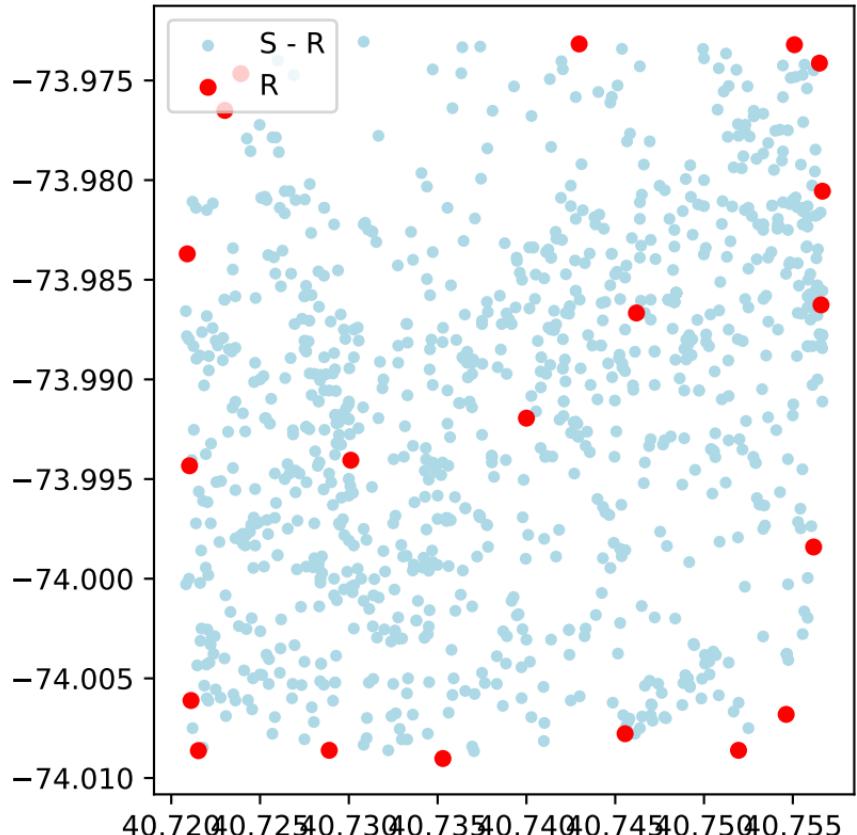


Sampling

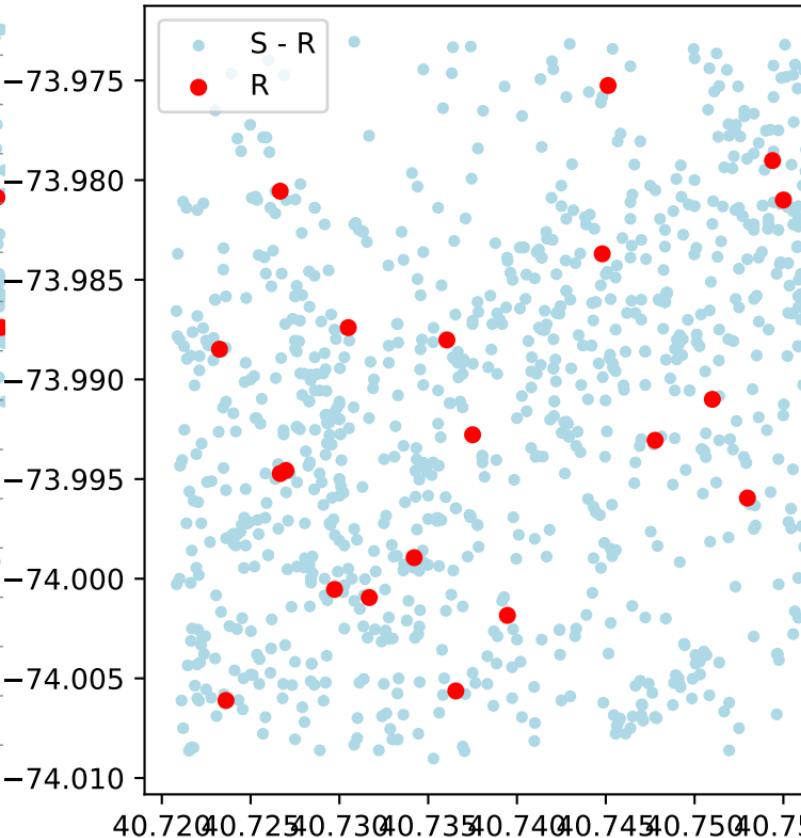
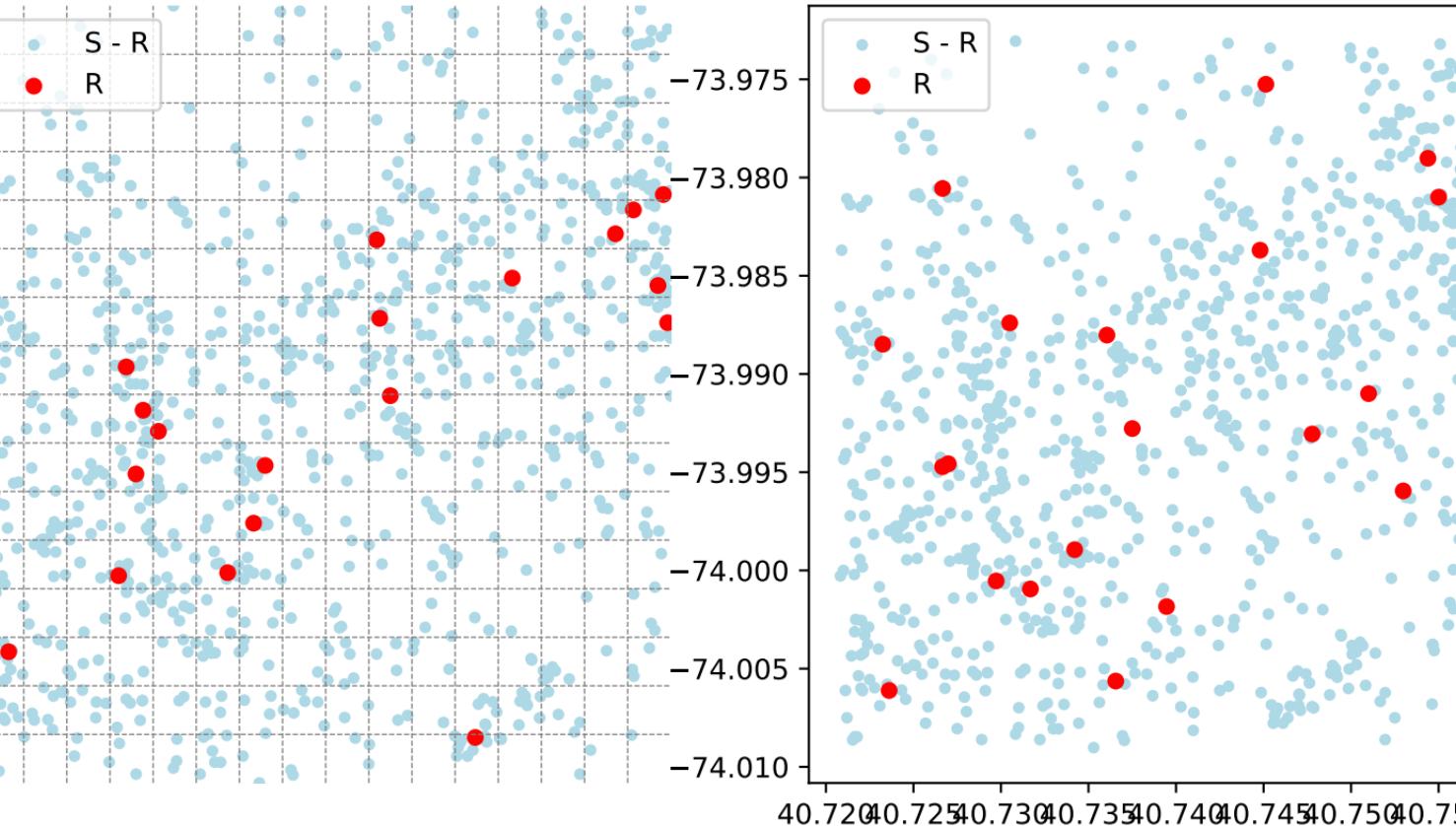
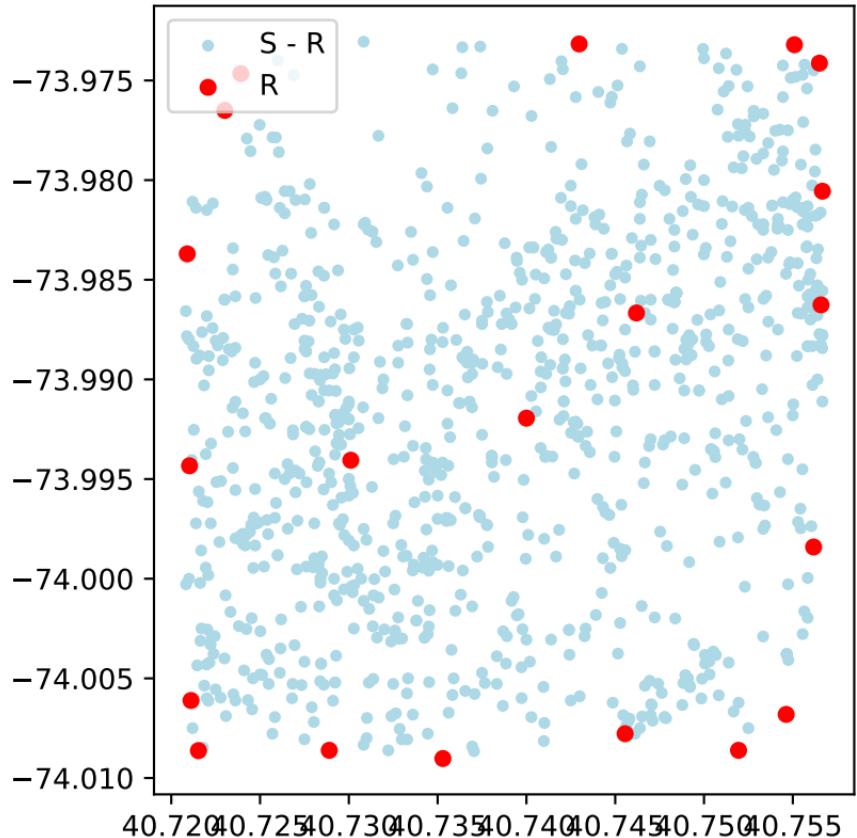
Score: 3654.0288

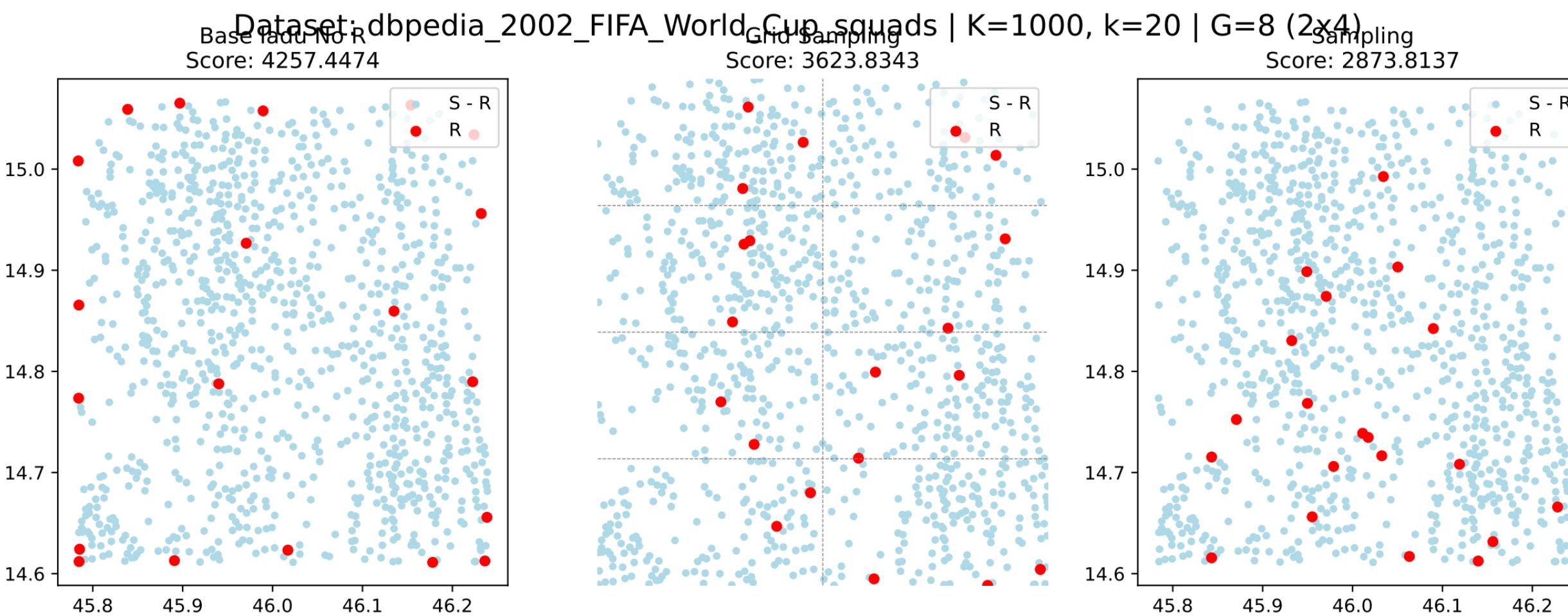


Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=20 | G=100 (10x10)



Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=20 | G=256 (16x16)
Baseline No R | Undersampling | Ours Sampling
Score: 4362.1201 Score: 3700.3642 Score: 3773.3259





Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=20 | G=16 (4x4)

Baseline No R

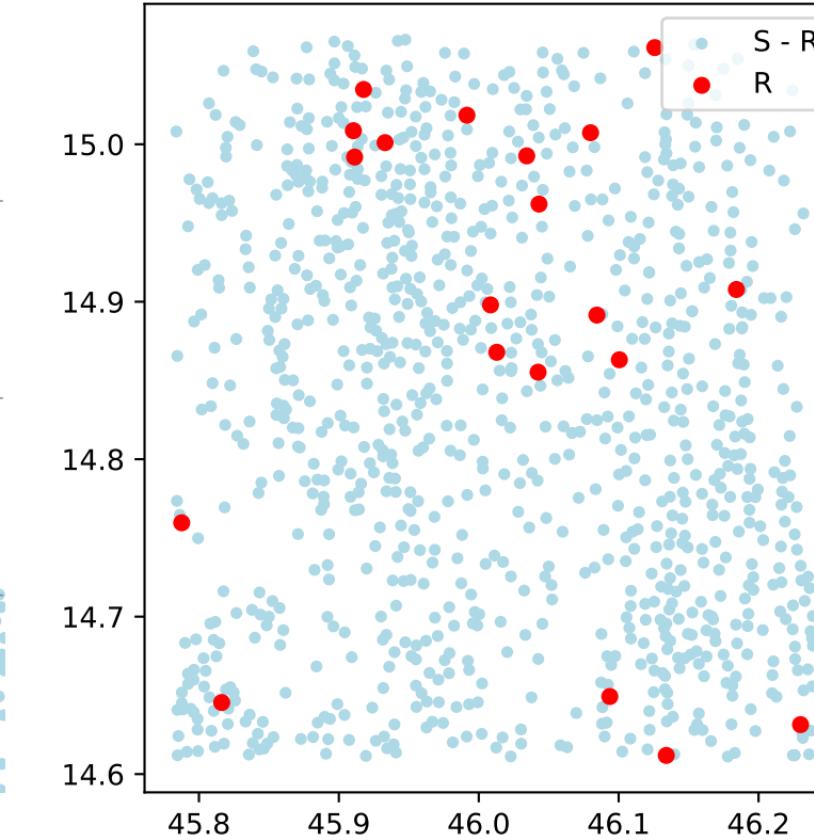
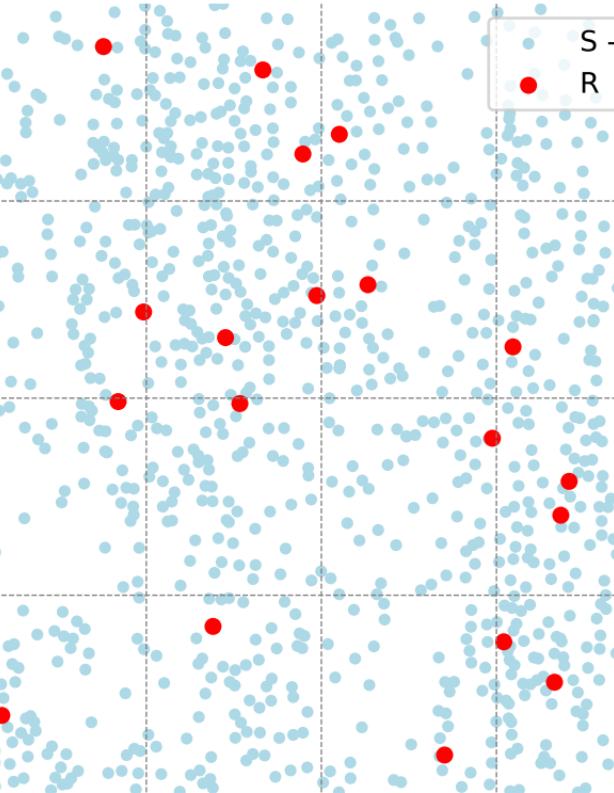
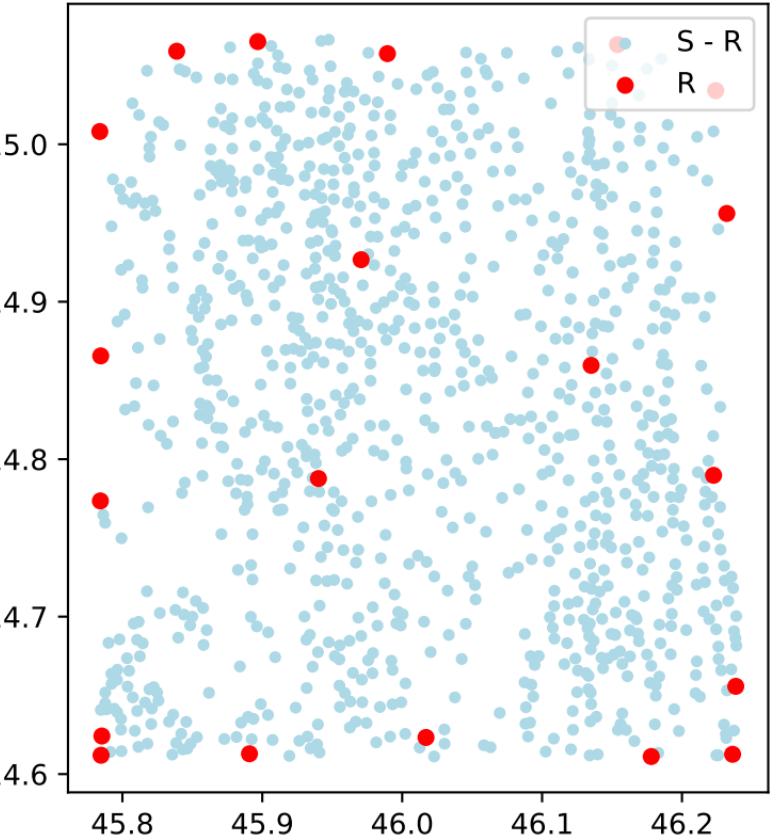
Score: 4257.4474

Grid Sampling

Score: 3574.8896

Sampling

Score: 3375.7838



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=20 | G=25 (5x5)

Baseline No R

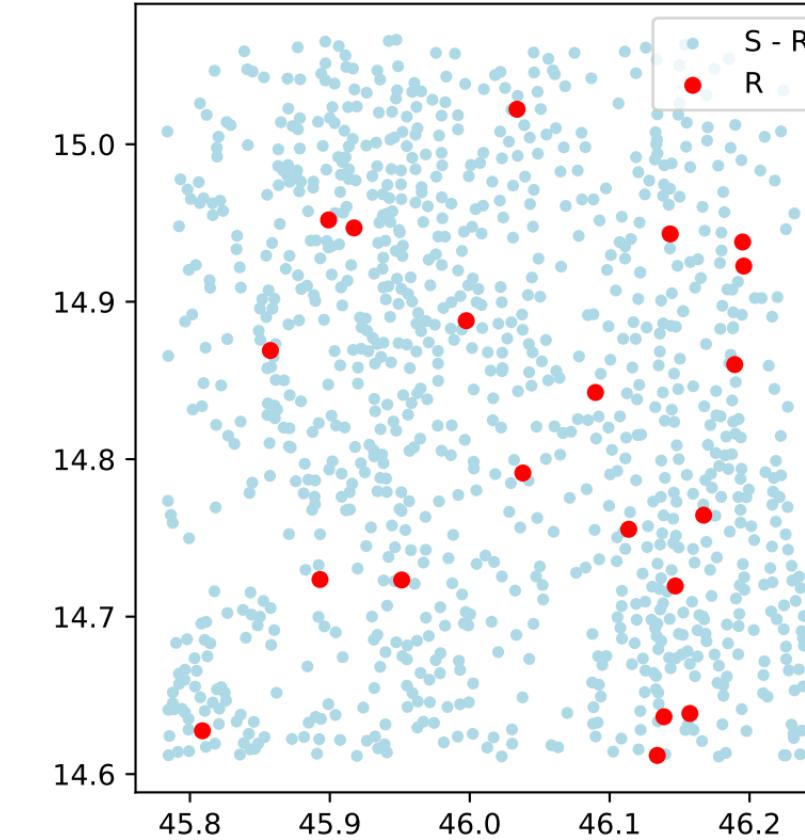
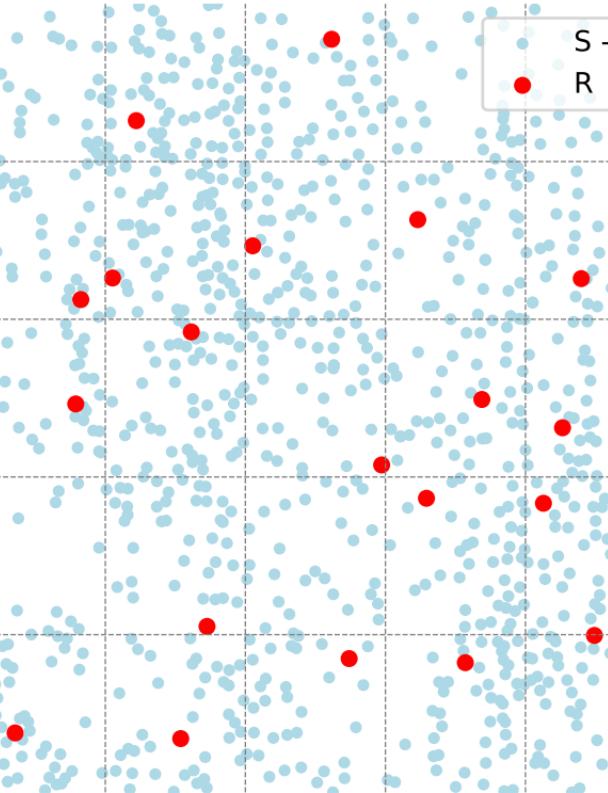
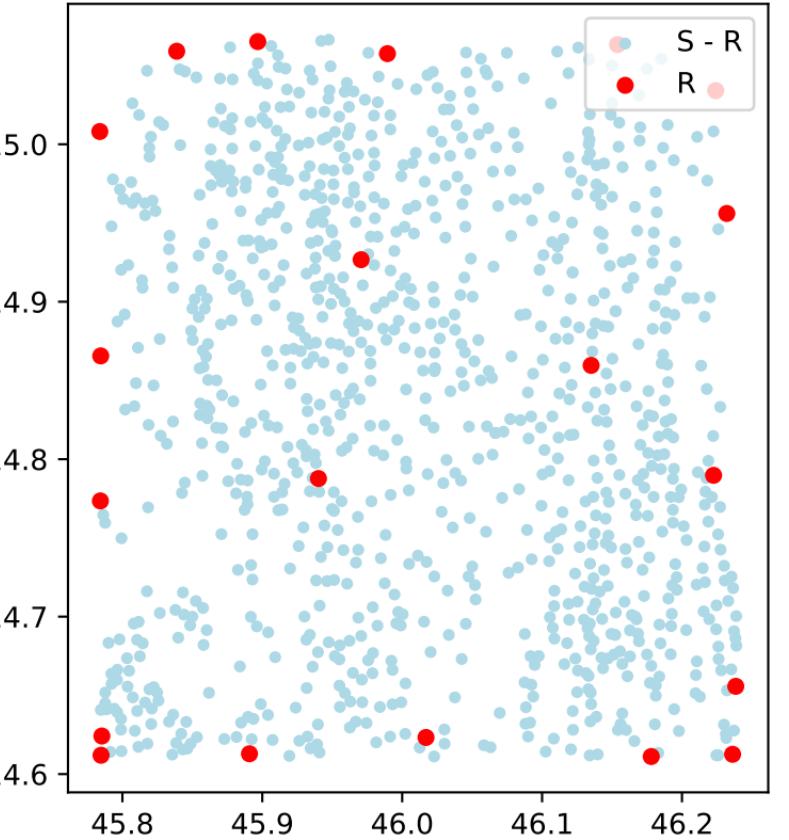
Score: 4257.4474

Grid Sampling

Score: 3564.6776

Sampling

Score: 3518.7966



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=20 | G=100 (10x10)

Baseline No R

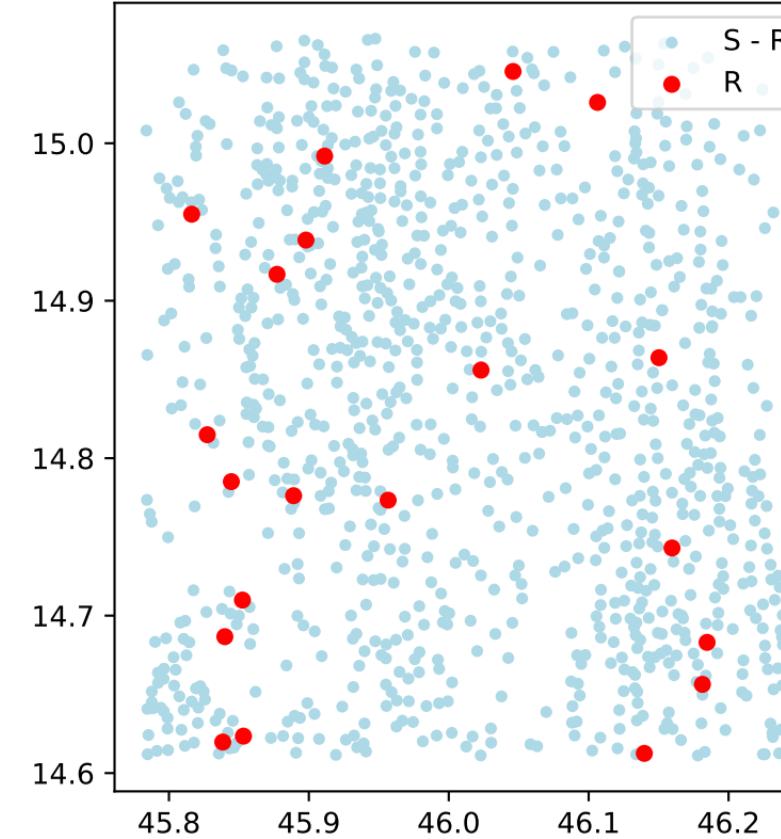
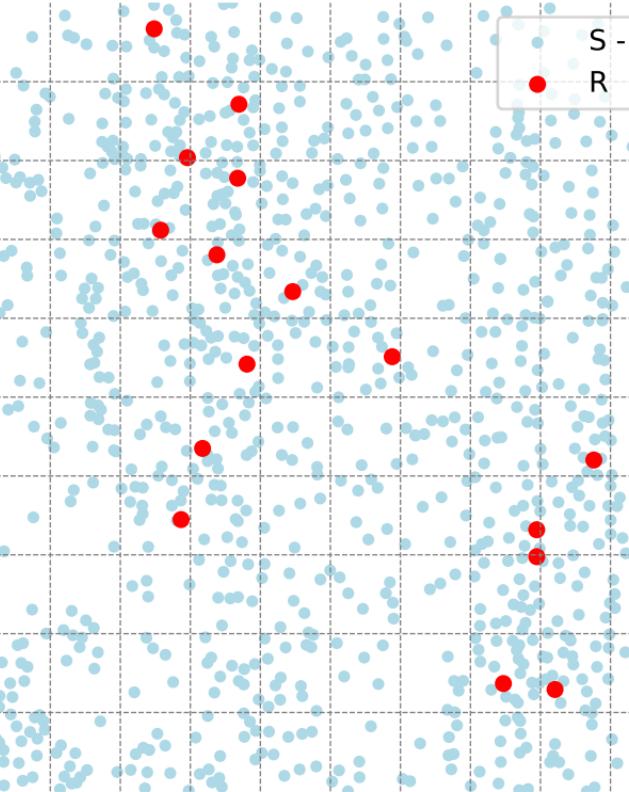
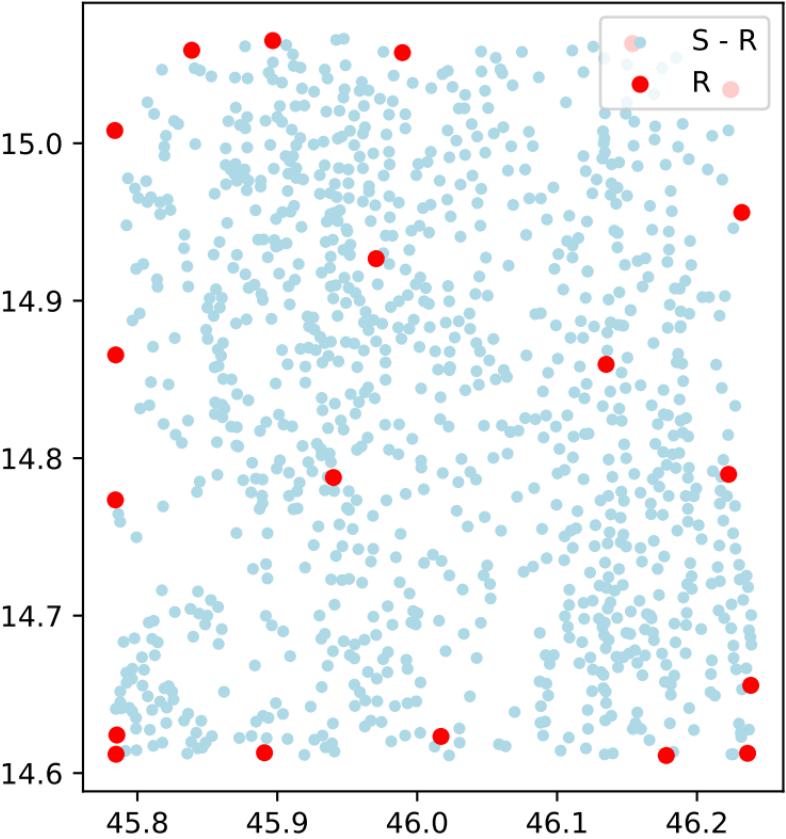
Score: 4257.4474

Grid Sampling

Score: 3569.0834

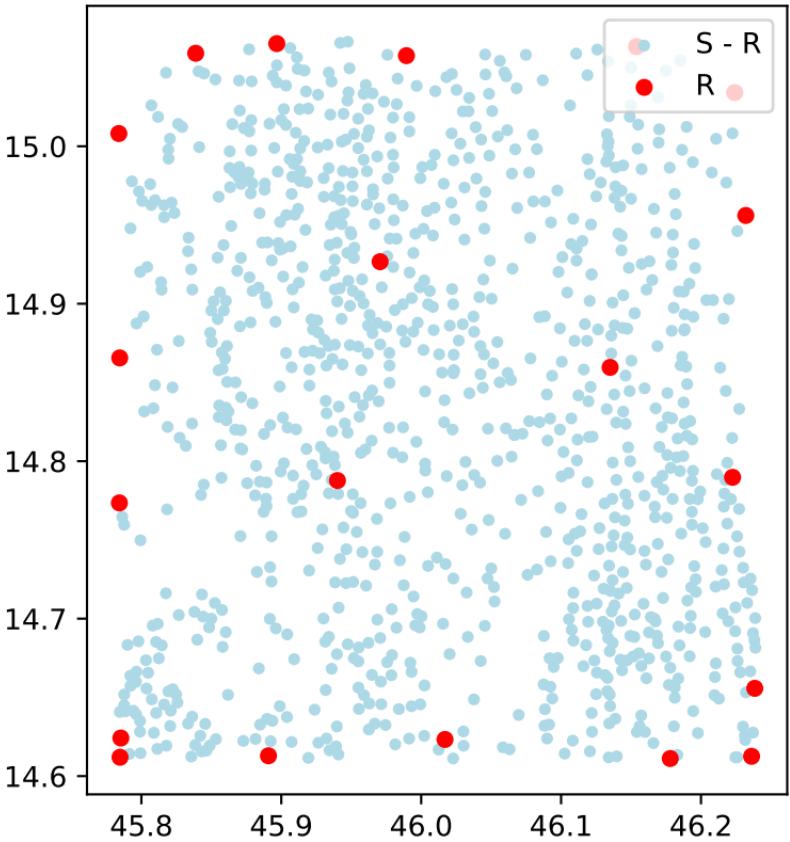
Sampling

Score: 3627.0789

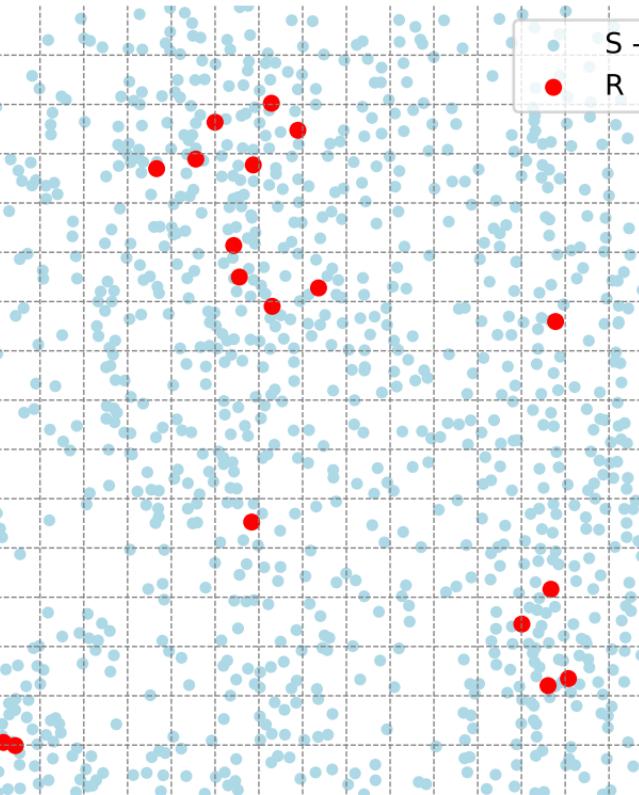


Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=20 | G=256 (16x16)

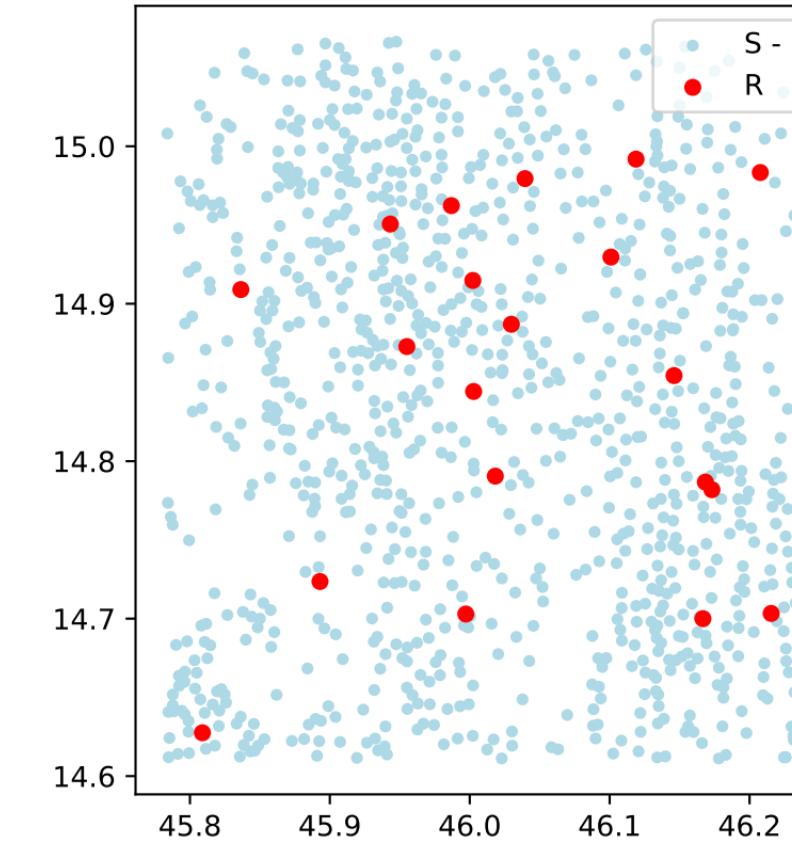
Score: 4257.4474



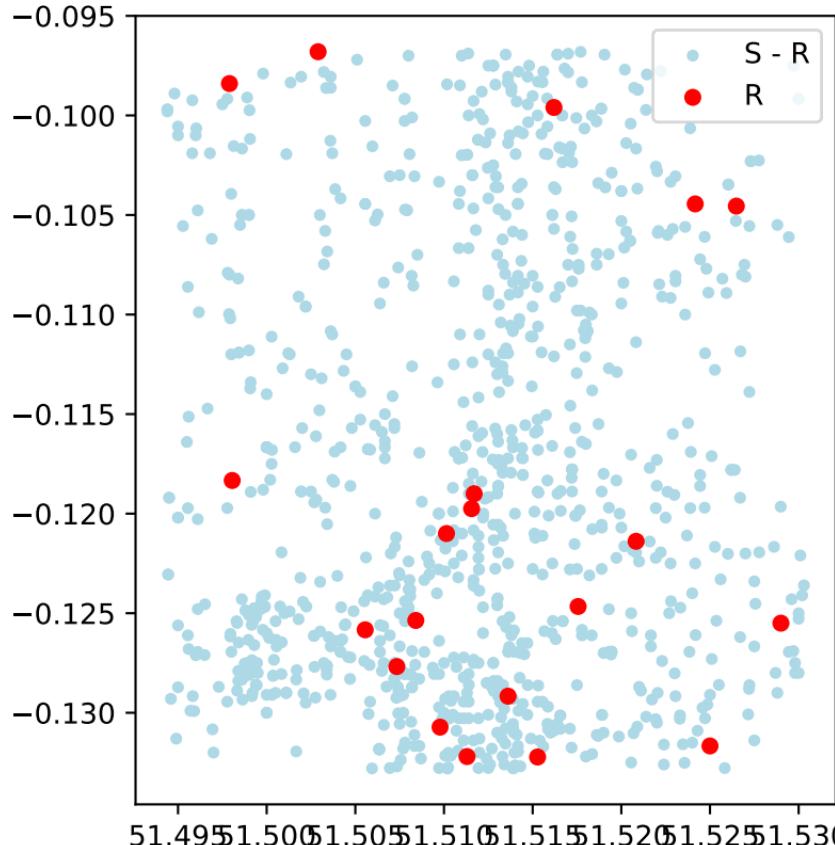
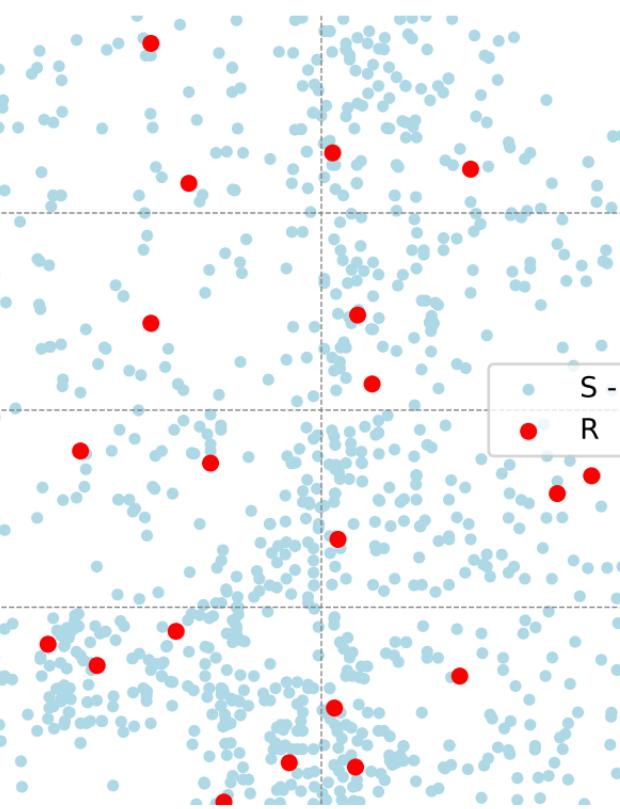
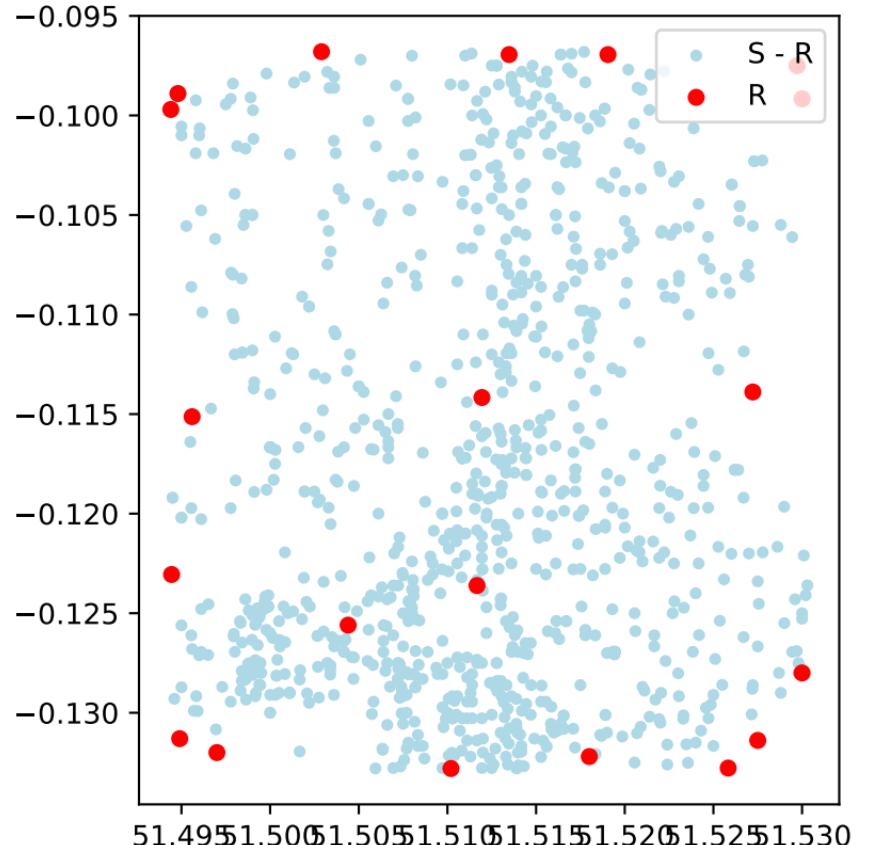
Score: 3631.1608



Score: 3394.0510



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=20 | G=8 (2x4)
Base F1@No R Grid Sampling Sample
Score: 4421.2791 Score: 3810.1543 Score: 3862.625



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=20 | G=16 (4x4)

Baseline

No R

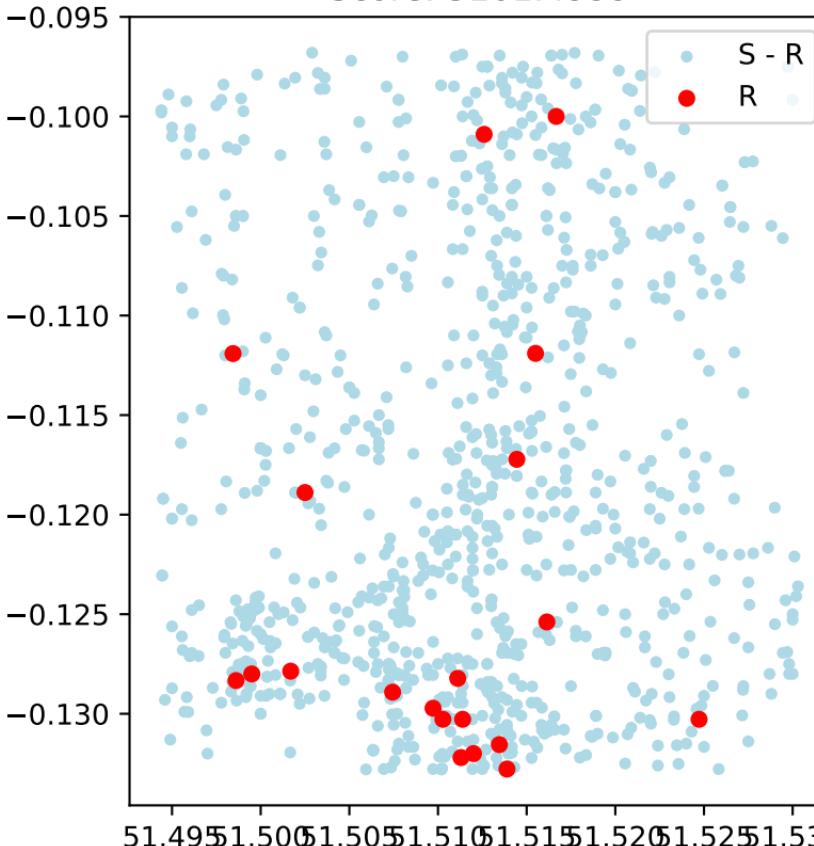
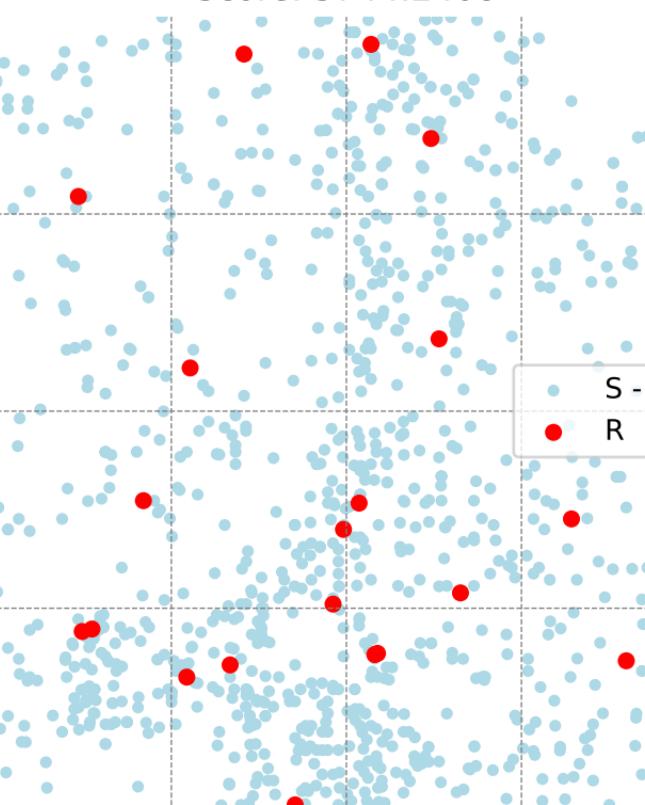
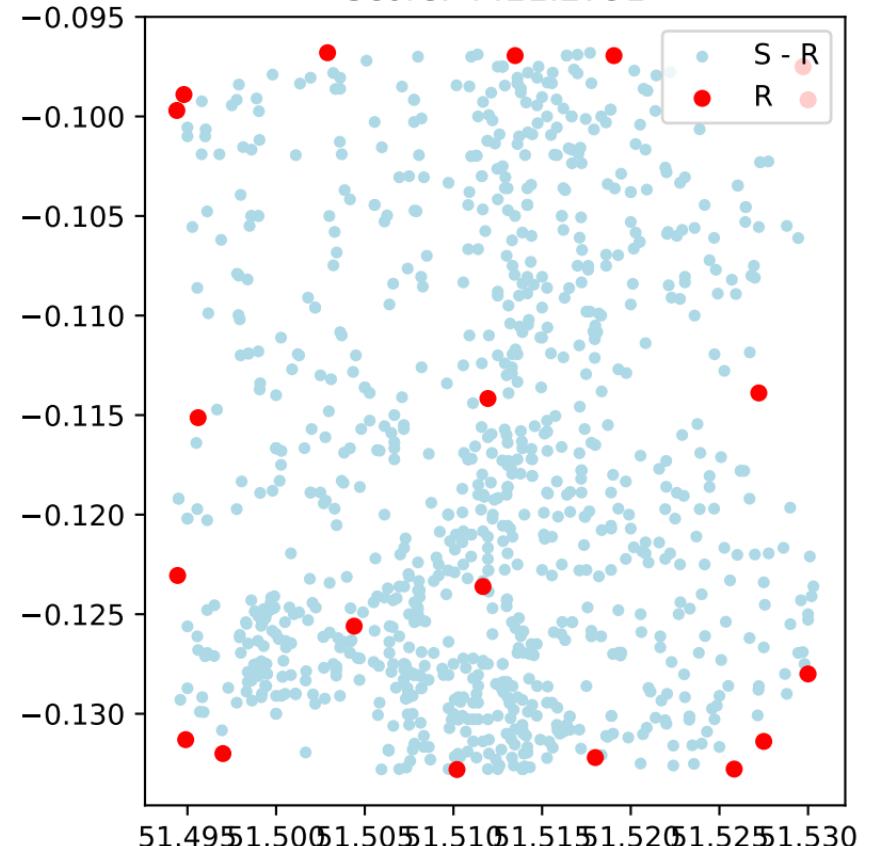
Score: 4421.2791

Grid Sampling

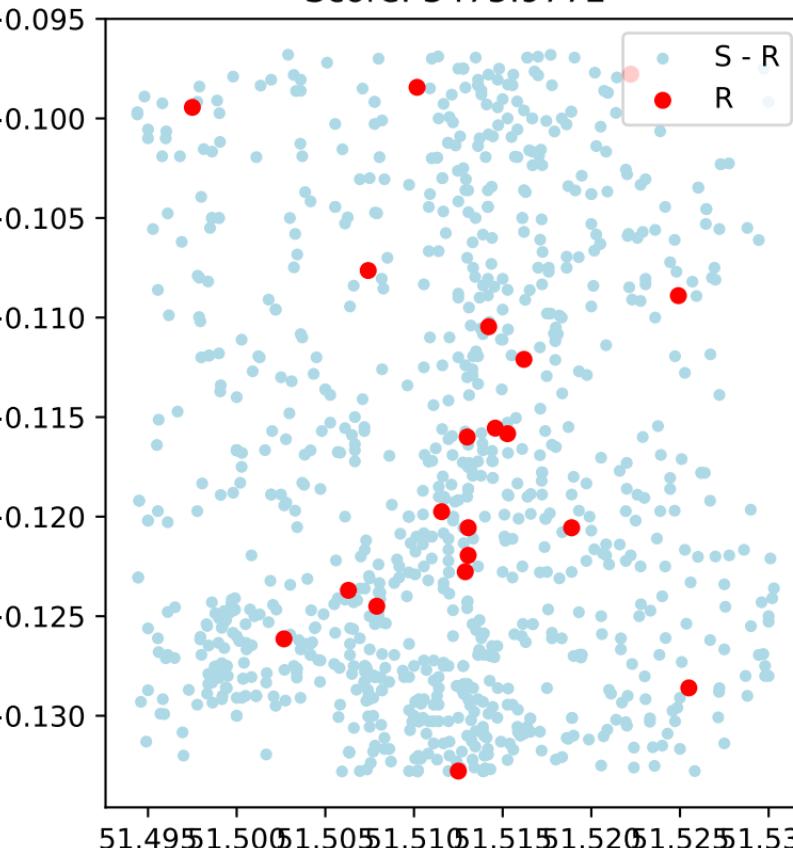
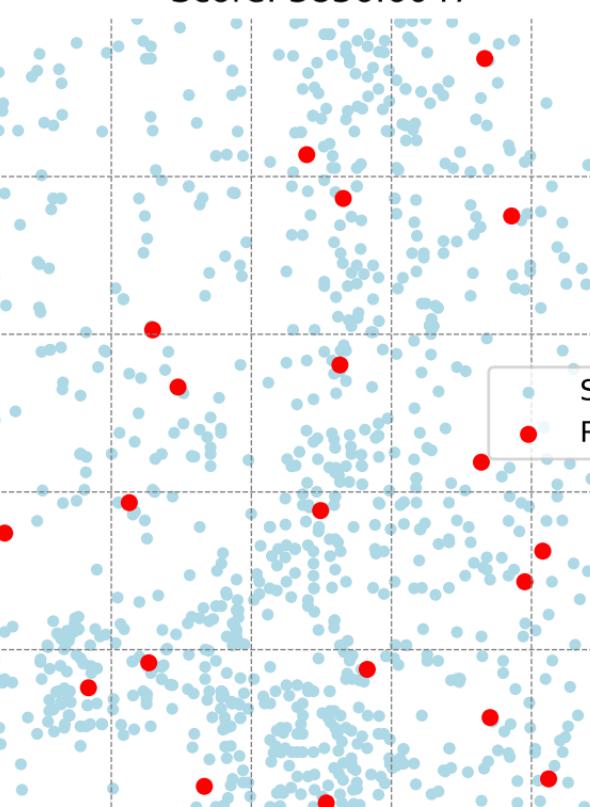
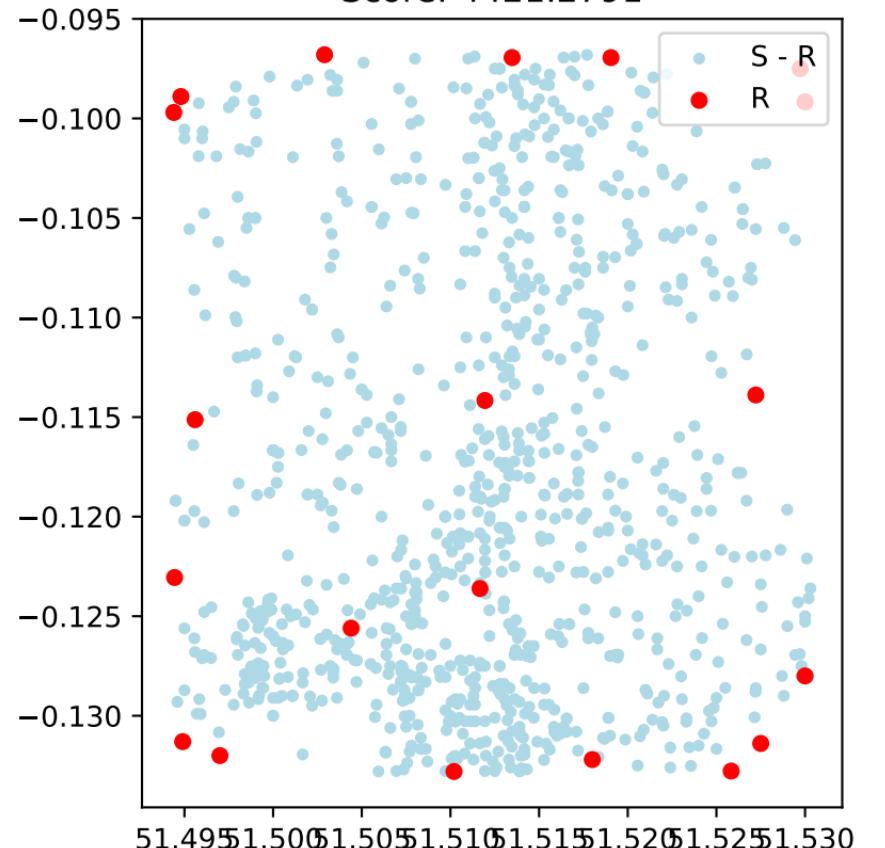
Score: 3744.2408

Sampling

Score: 3161.4999



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=20 | G=25 (5x5)



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=20 | G=100 (10x10)

Baseline

No R

Score: 4421.2791

UndSampling

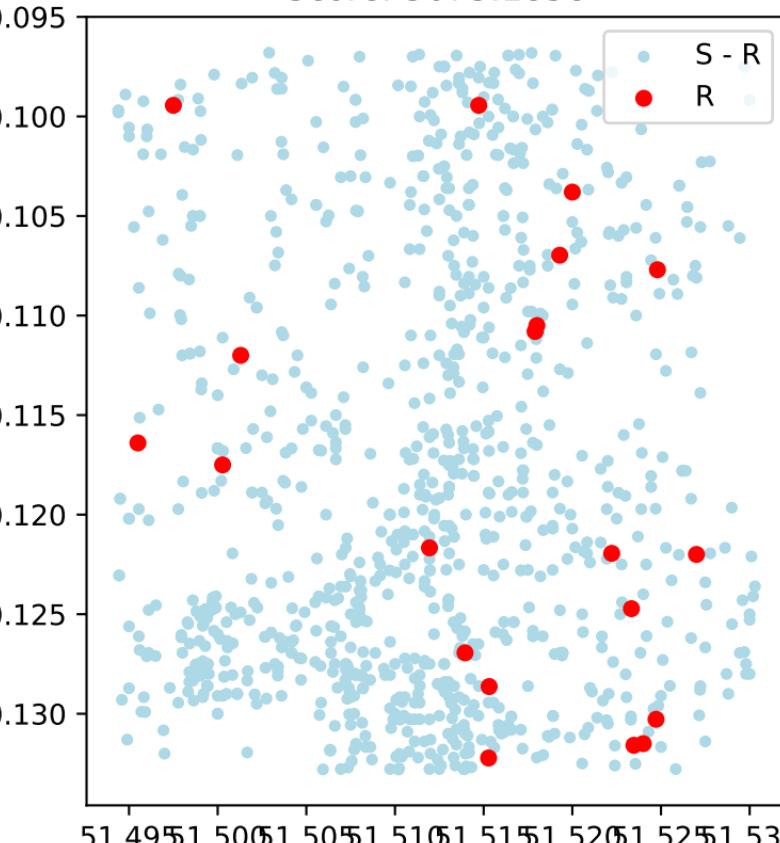
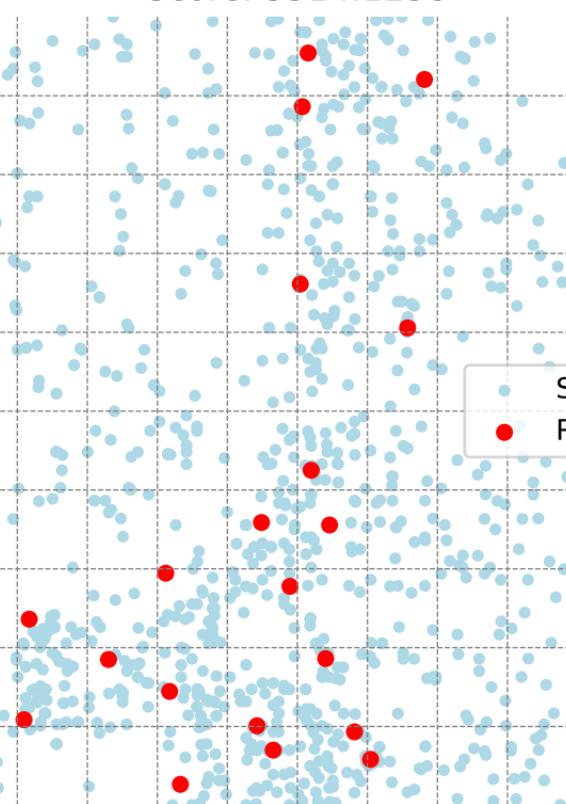
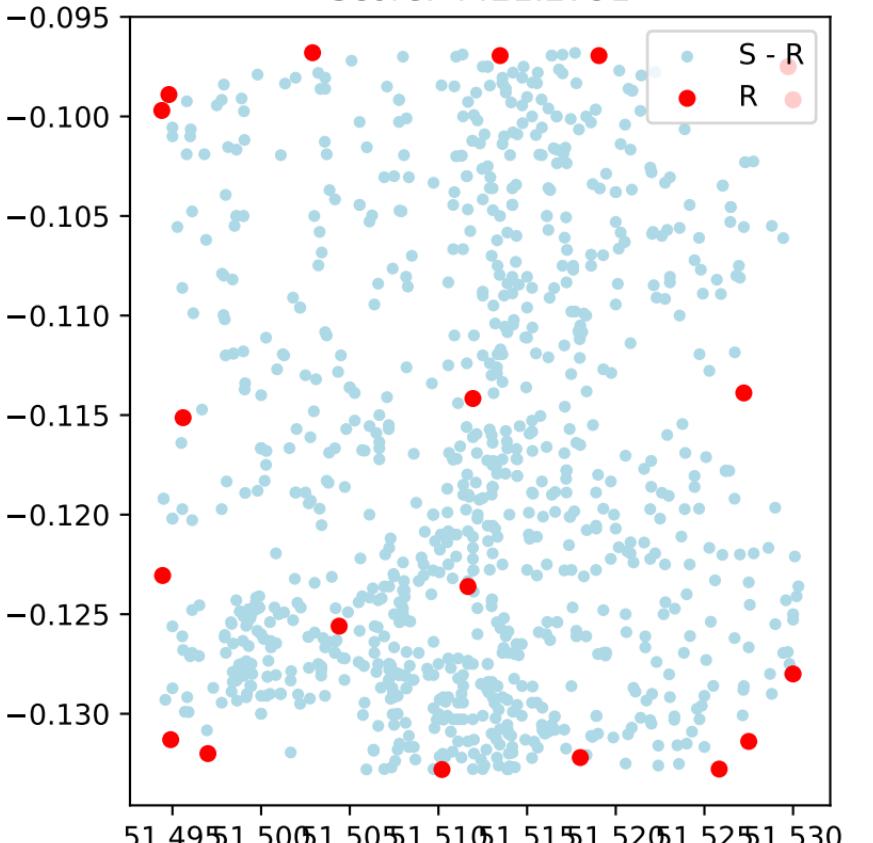
Sampling

Score: 3514.1238

Sampling

Sampling

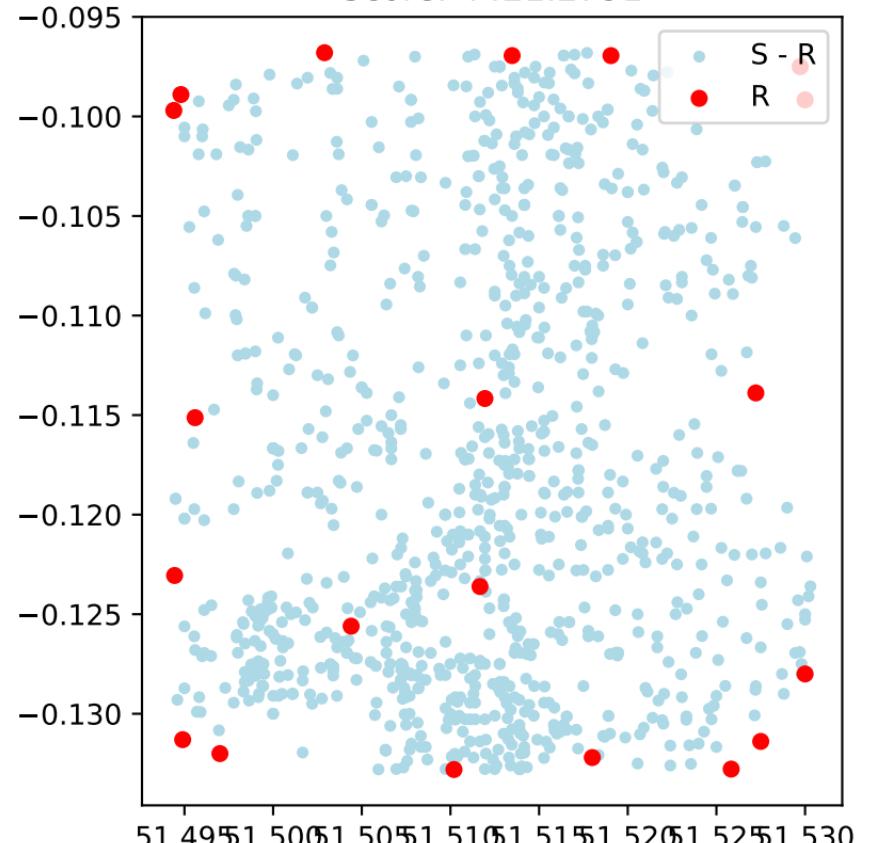
Score: 3673.1858



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=20 | G=256 (16x16)

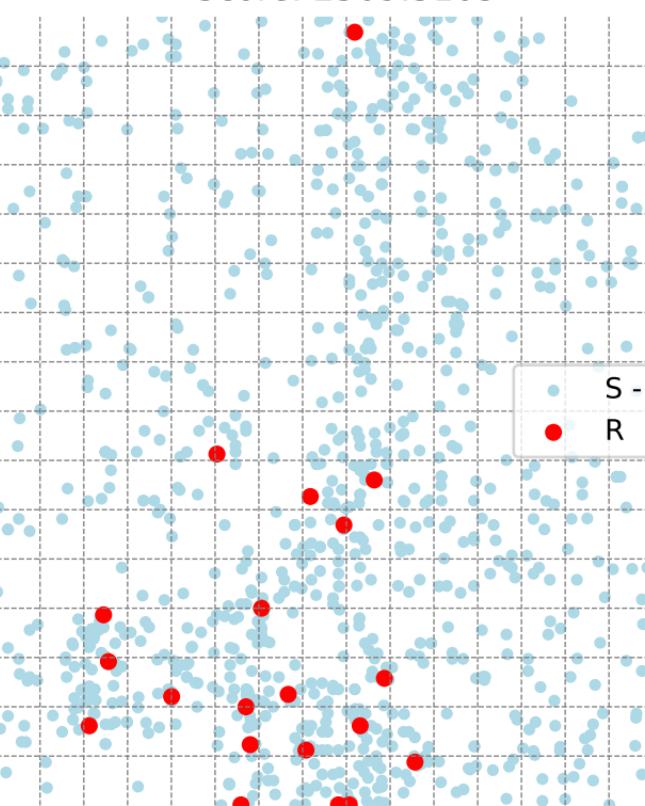
Baseline No R

Score: 4421.2791



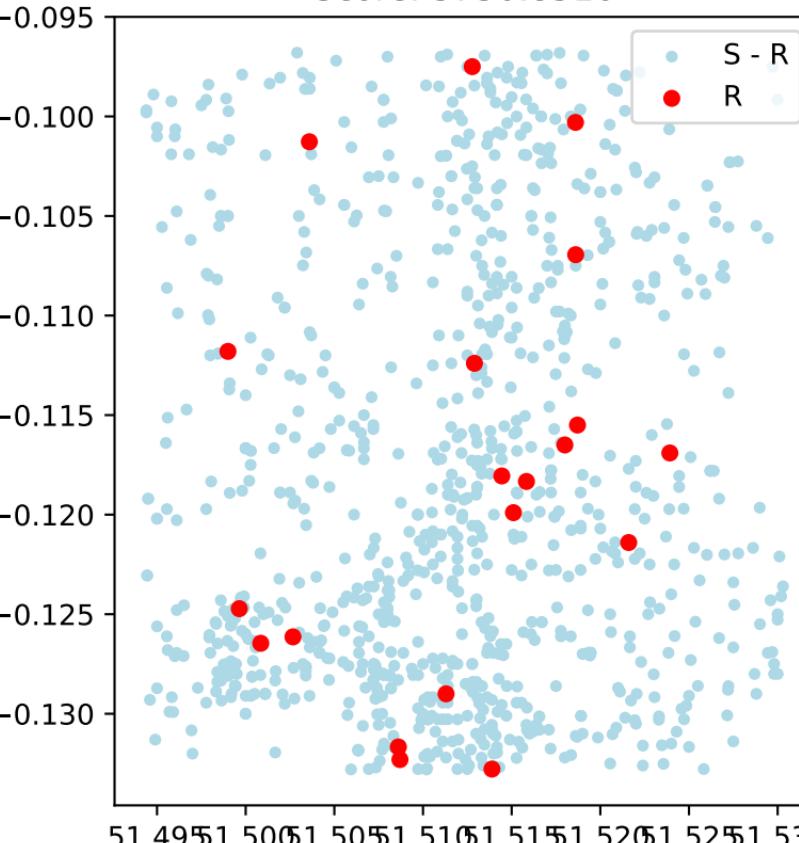
Undersampling

Score: 2509.3103



Oversampling

Score: 3730.8516

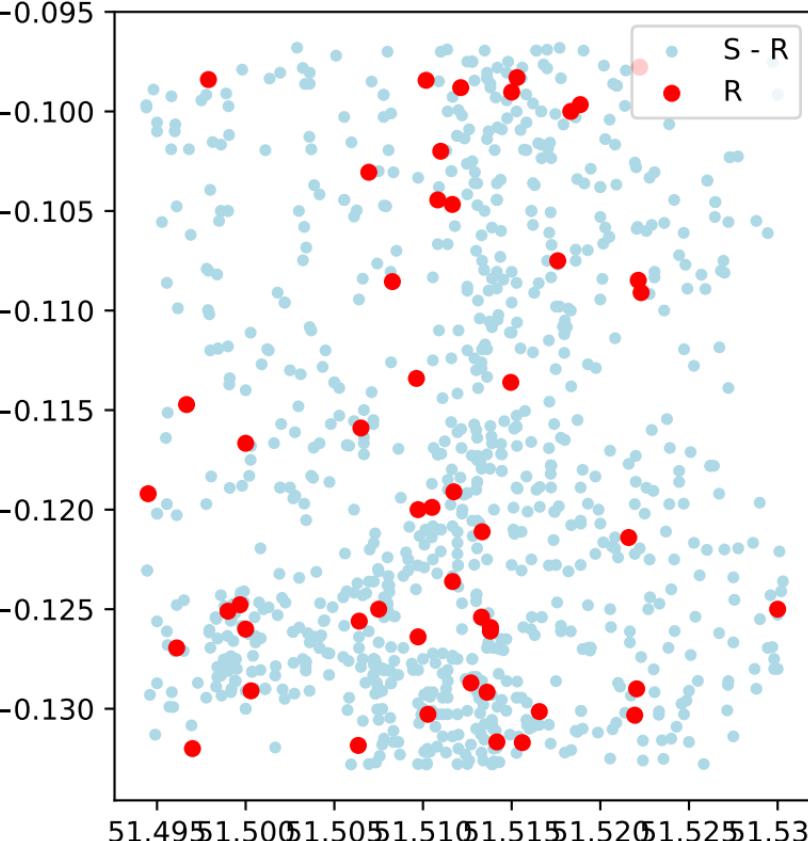
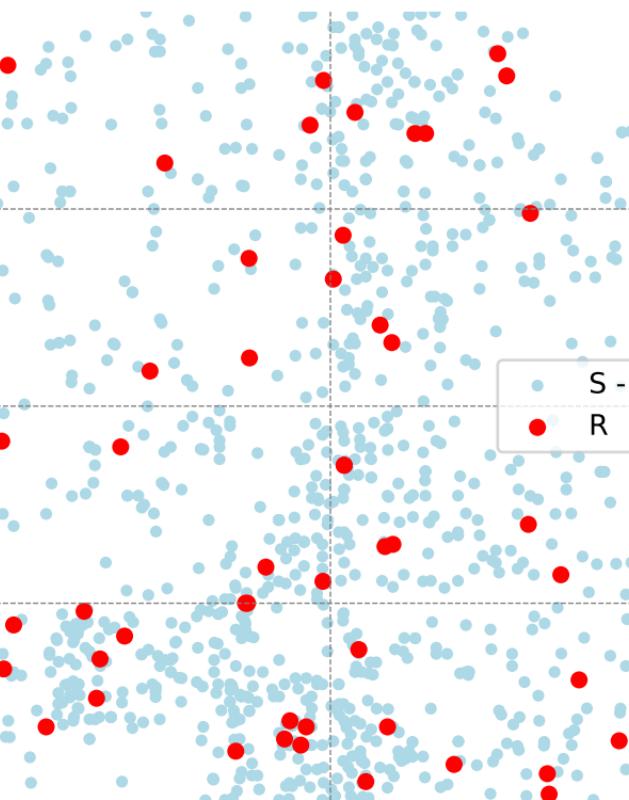
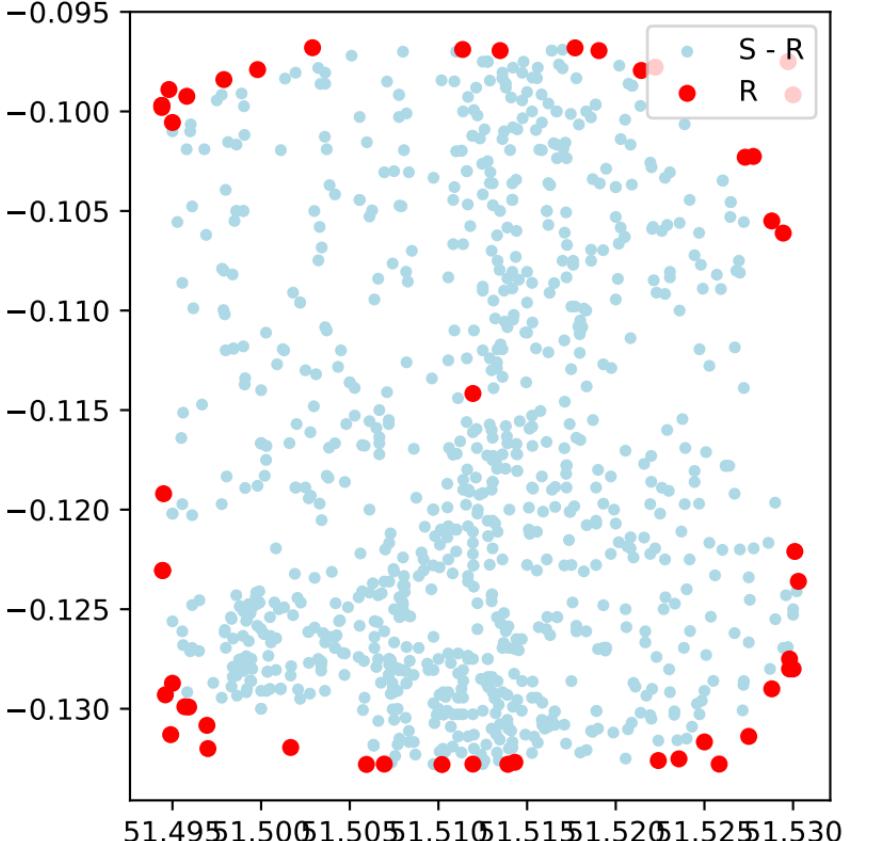


Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=50 | G=8 (2x4)

Base Iadu No R
Score: 4299.2336

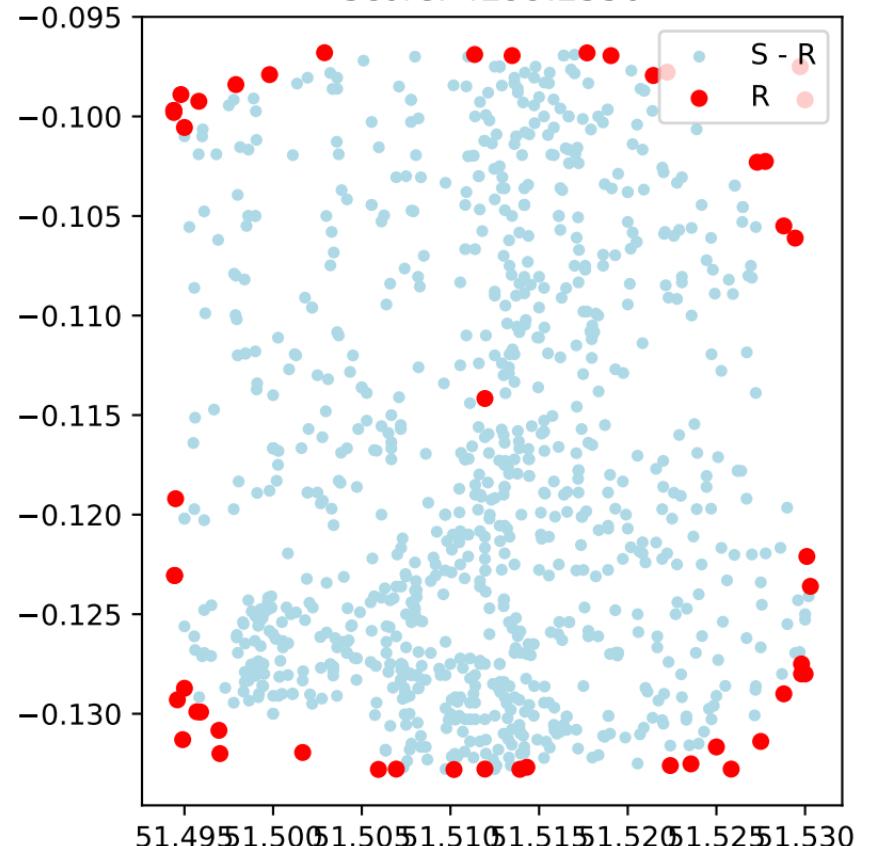
Grid Sampling
Score: 1166.1601

Sampling
Score: 1035.8035

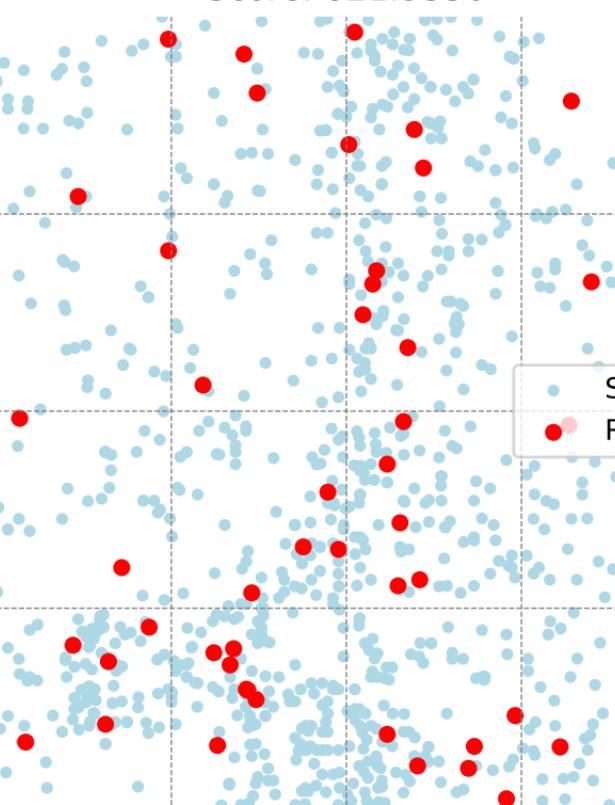


Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=50 | G=16 (4x4)

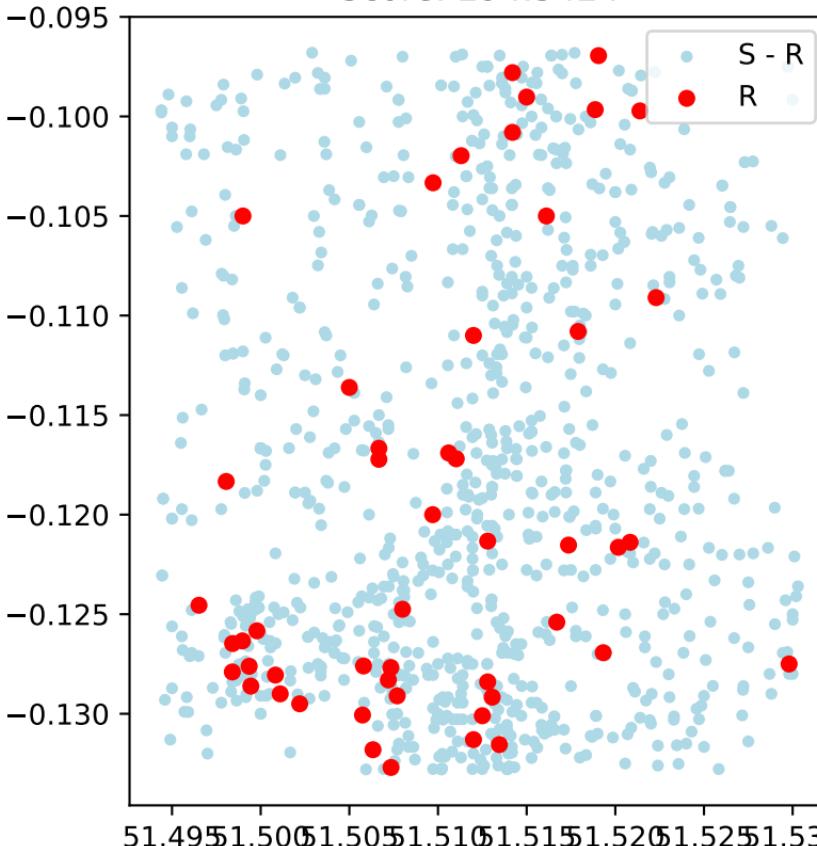
Baseline No R
Score: 4299.2336



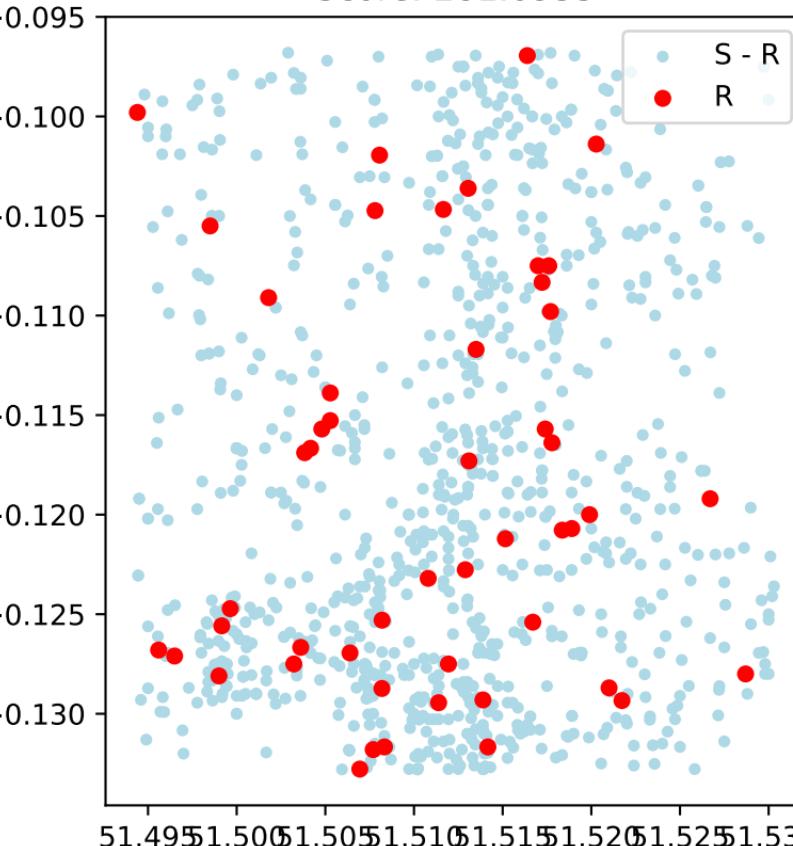
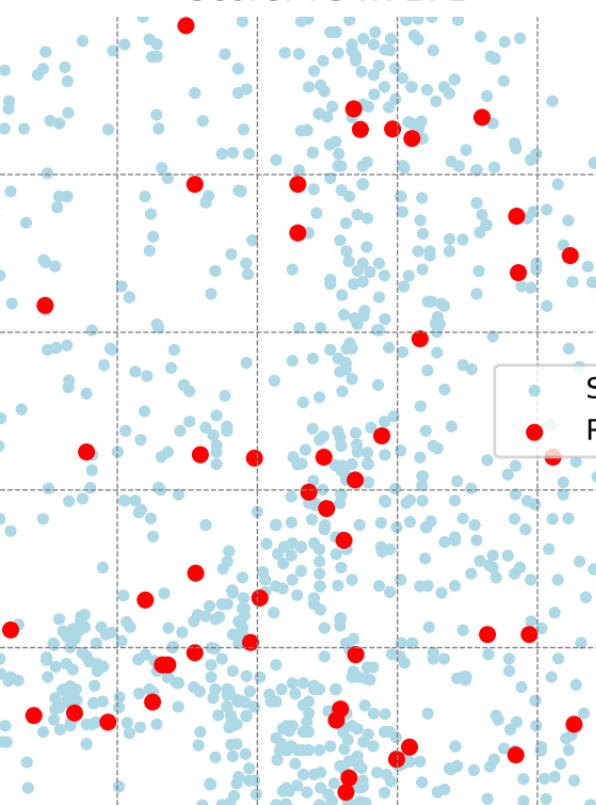
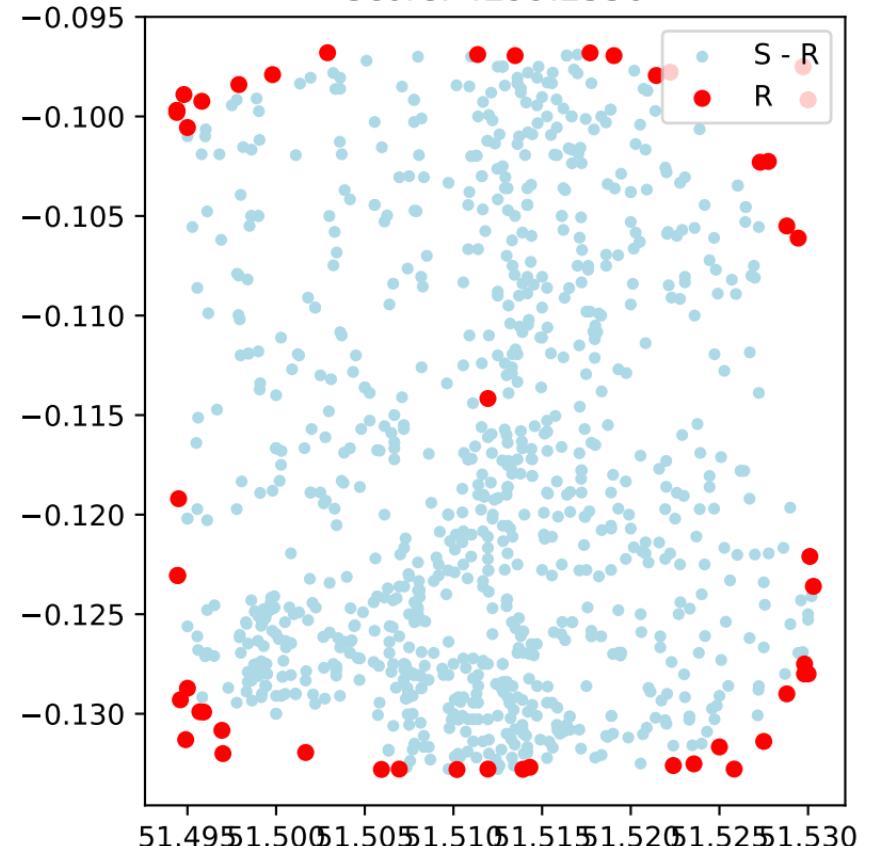
Grid Sampling
Score: 821.9330



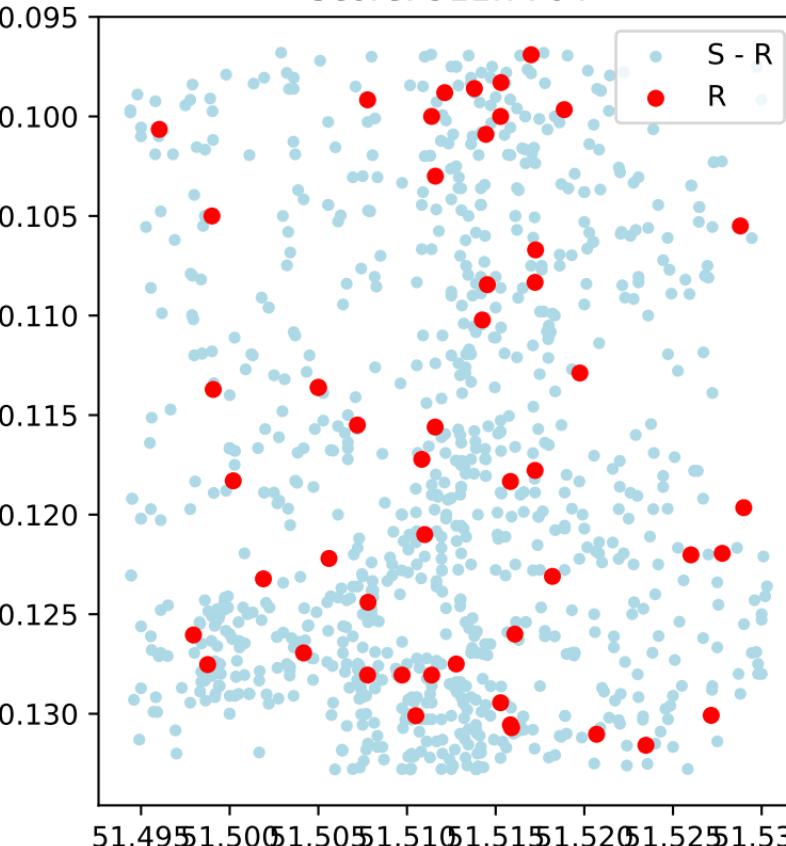
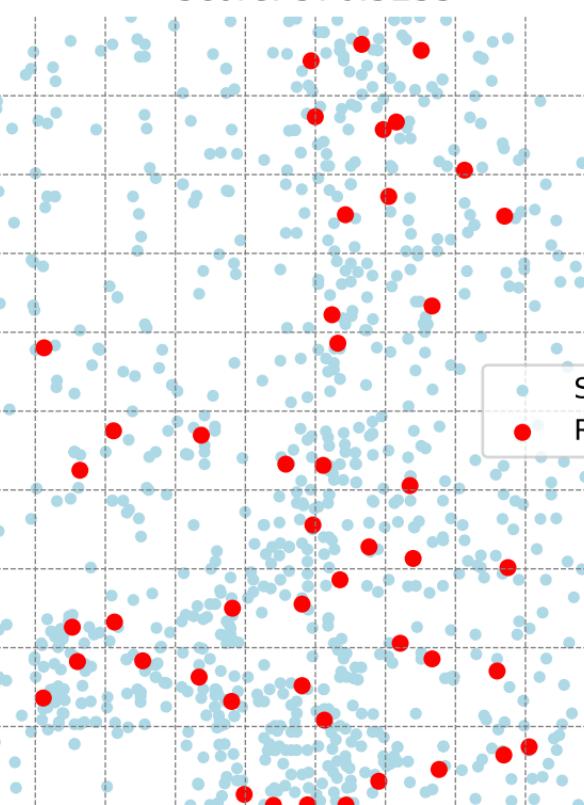
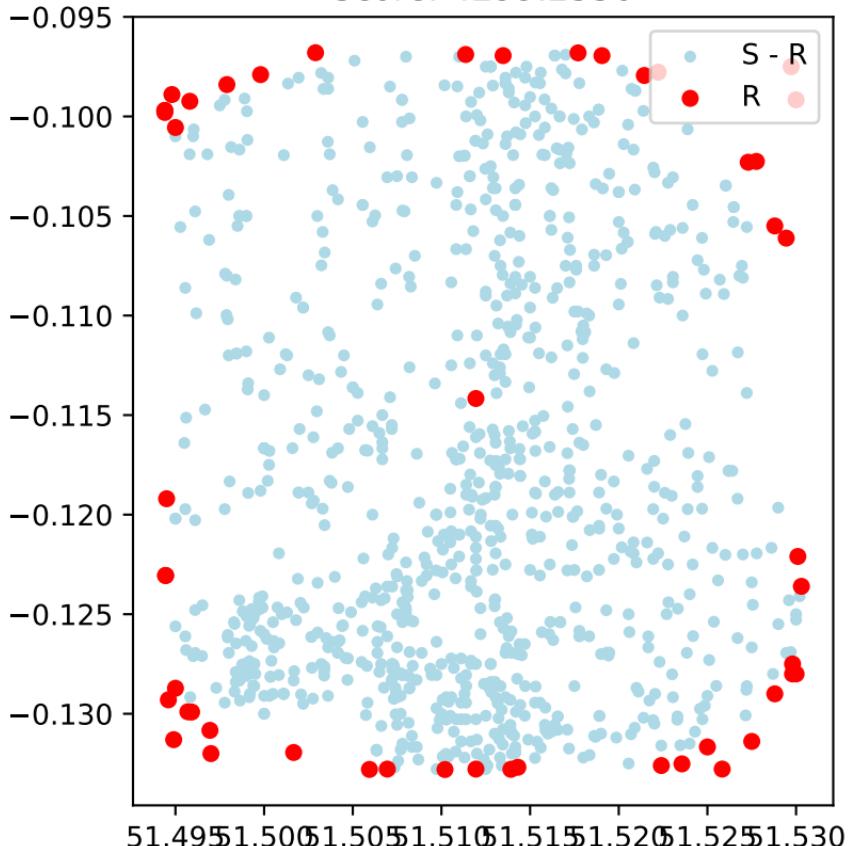
Sampling
Score: 294.5424



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=50 | G=25 (5x5)



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=50 | G=100 (10x10)
Baseline No R | UndSampling | Sampling
Score: 4299.2336 Score: 376.5235 Score: 911.7764

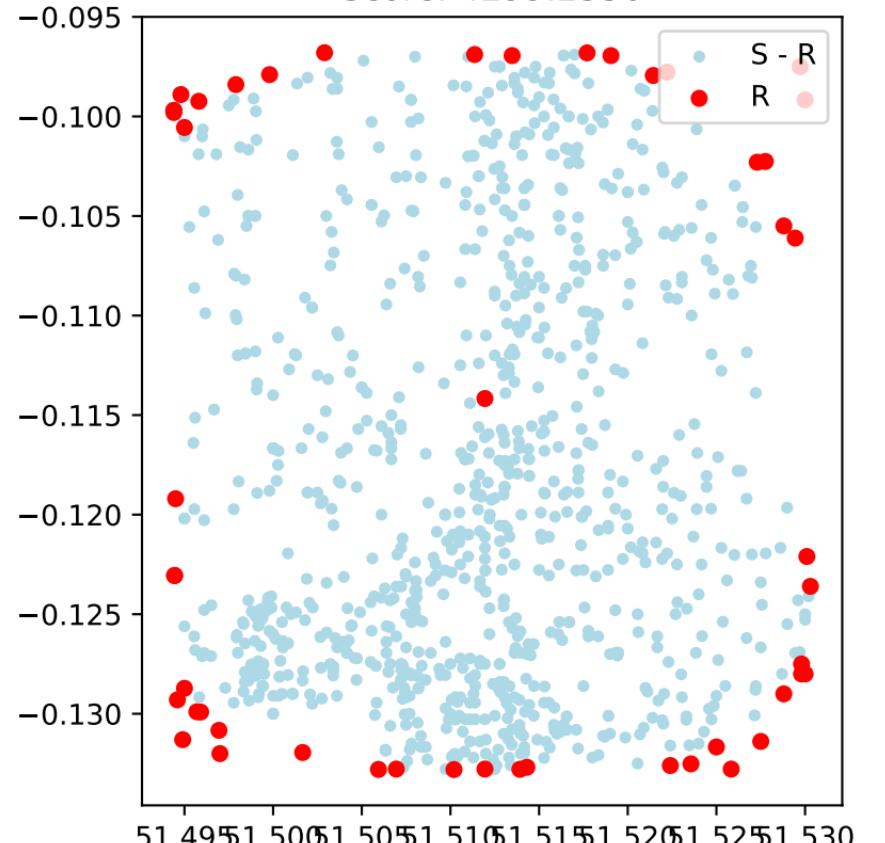


Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=50 | G=256 (16x16)

Baseline

No R

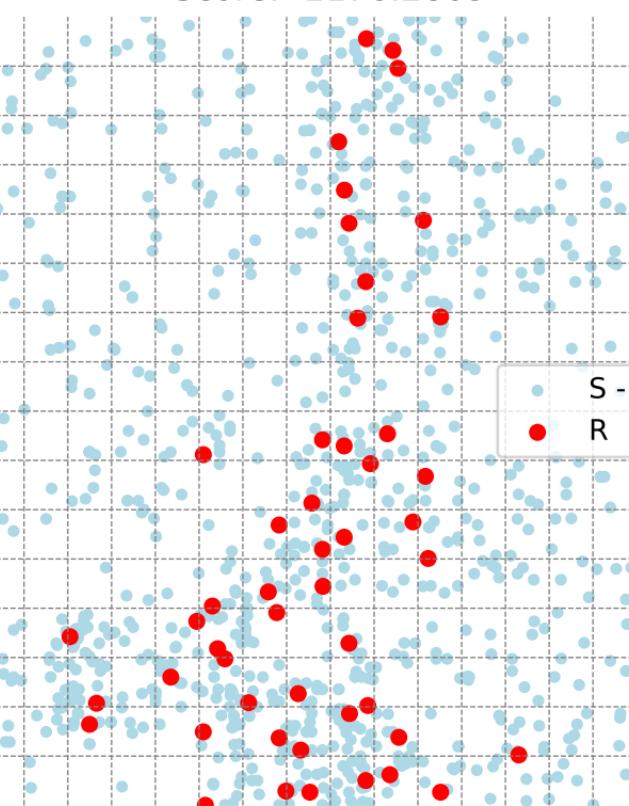
Score: 4299.2336



Undersampling

No R

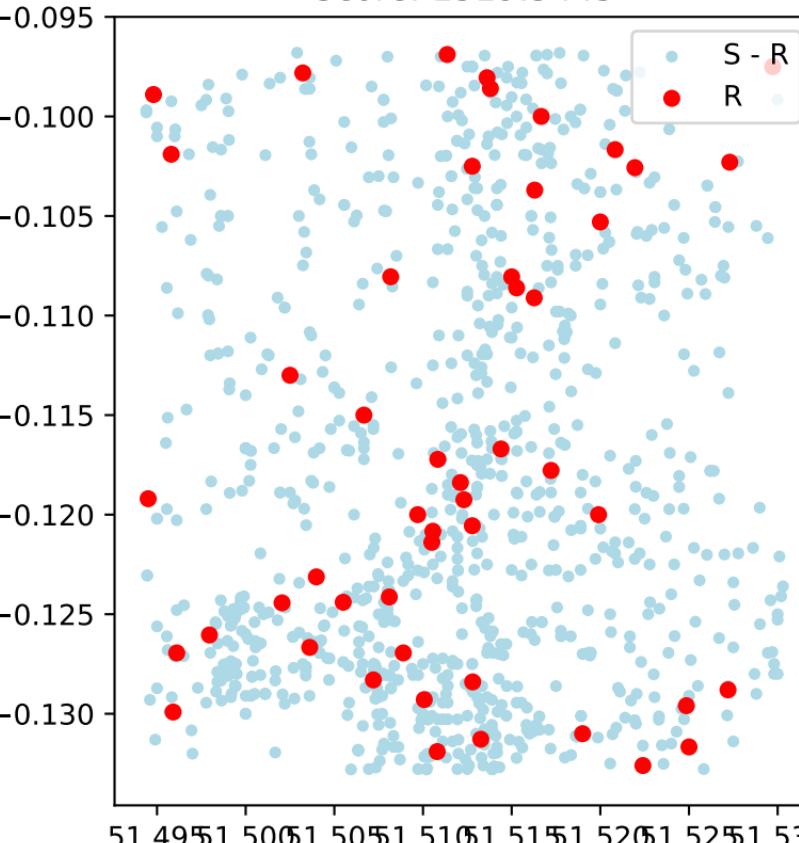
Score: -1176.2809



Oversampling

No R

Score: 1319.5445

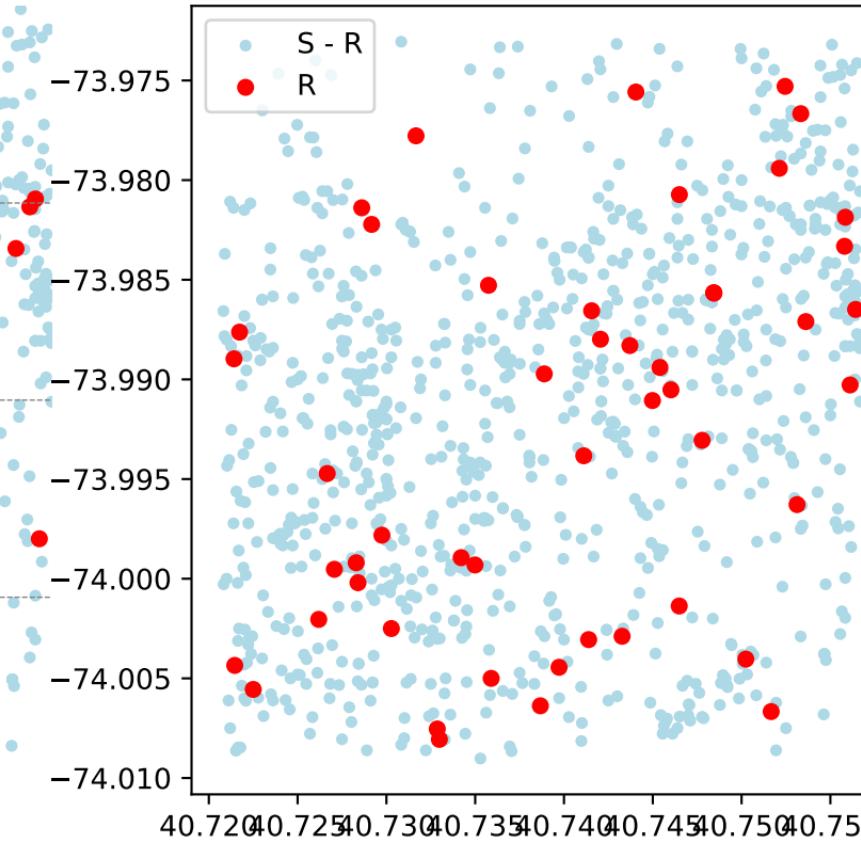
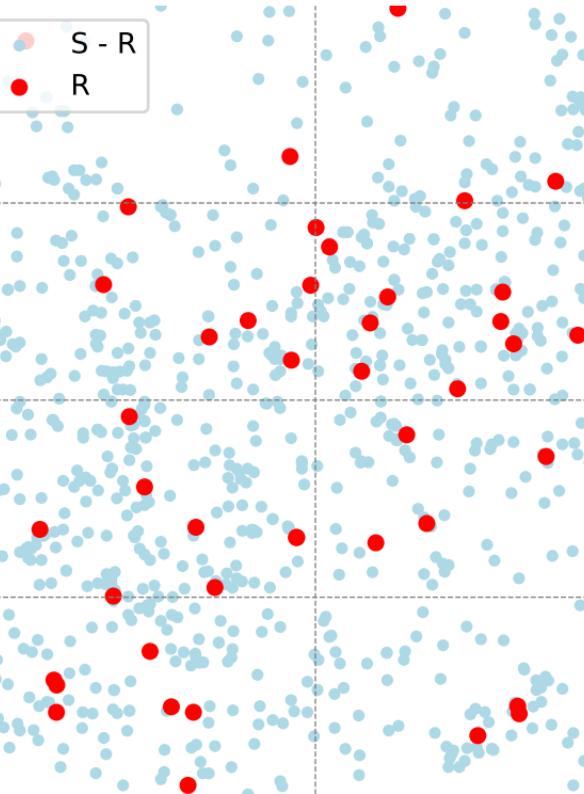
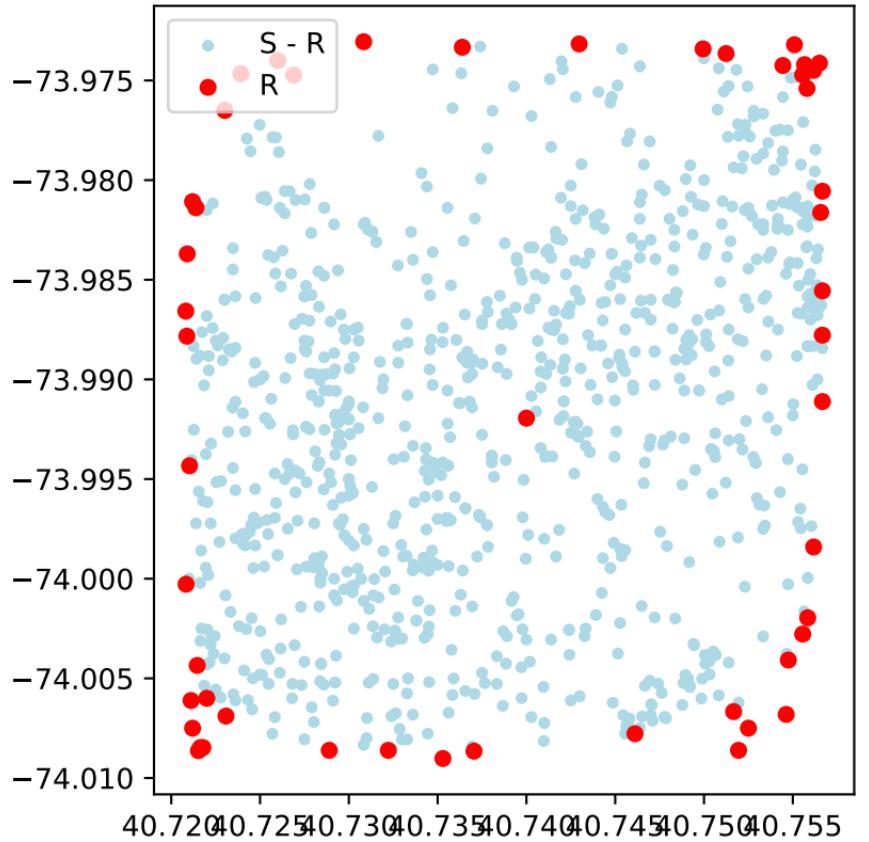


Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=50 | G=8 (2x4)

Base Iaddu No R
Score: 4147.0301

Grid Sampling
Score: 449.5888

Sampling
Score: 876.0438

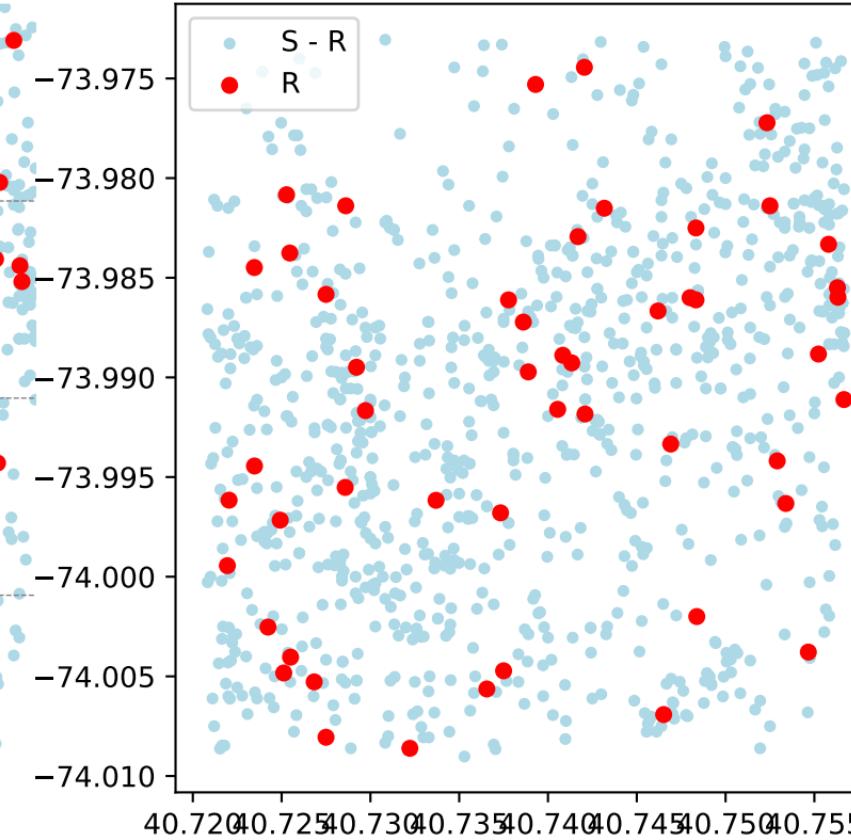
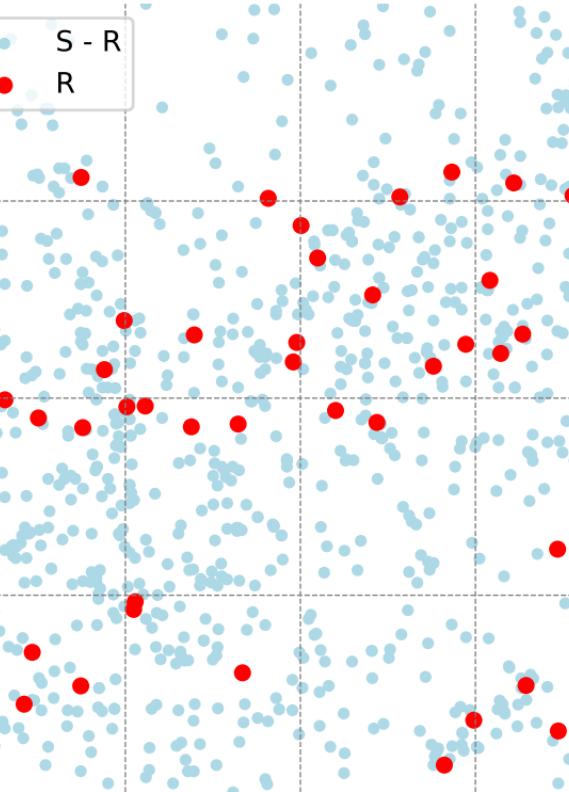
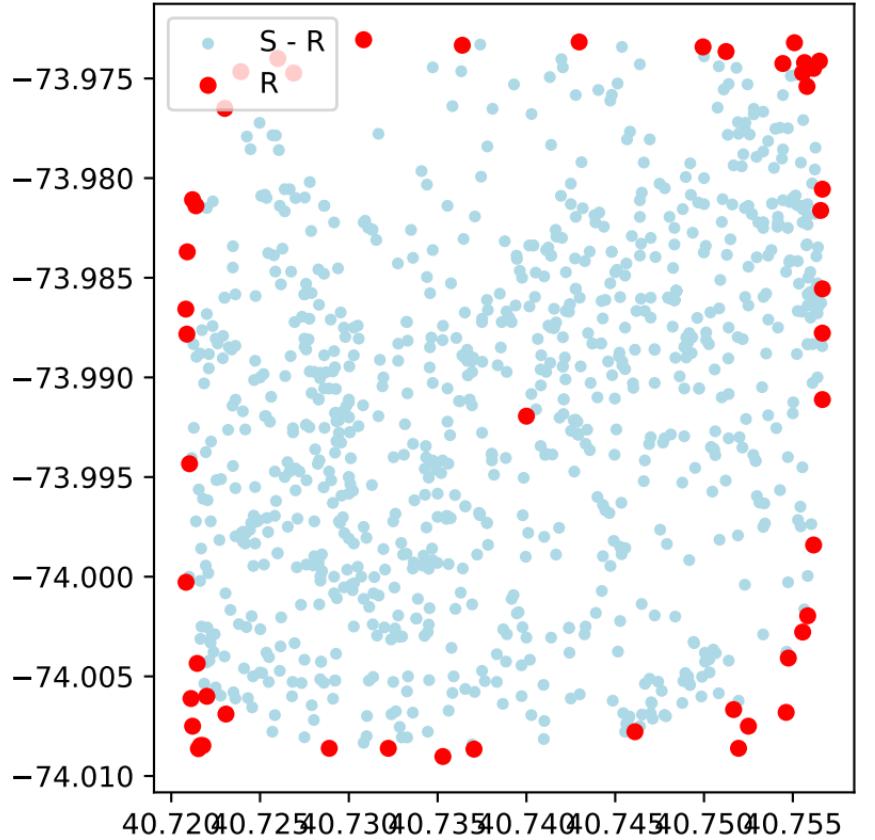


Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=50 | G=16 (4x4)

Baseline No R
Score: 4147.0301

Grid Sampling
Score: 568.5442

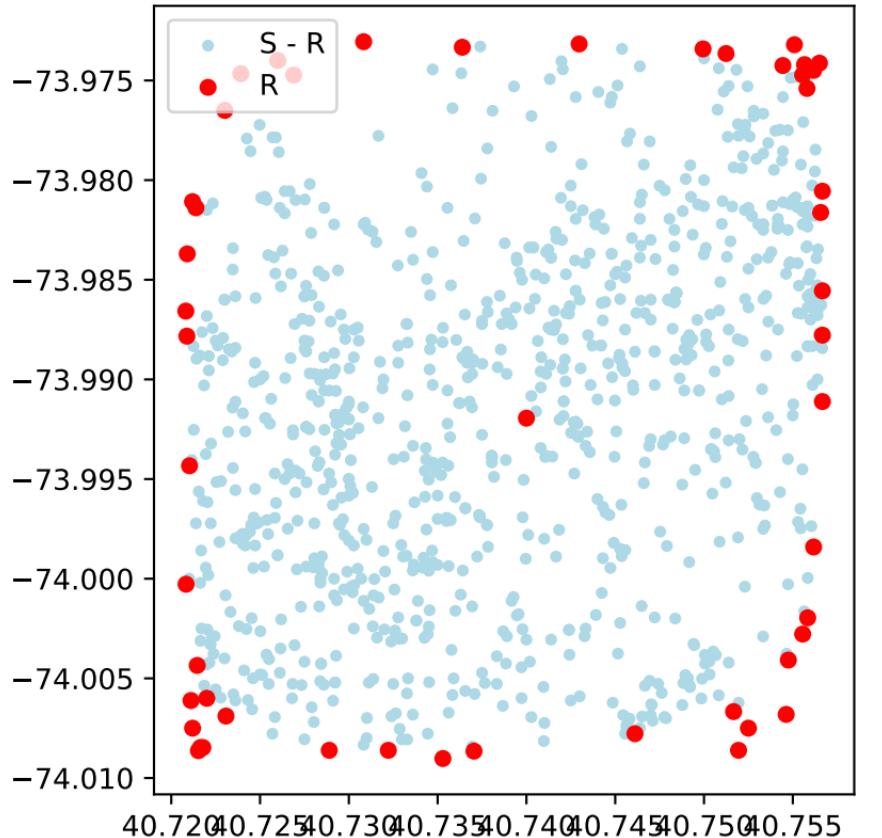
Sampling
Score: 1072.5267



Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=50 | G=25 (5x5)

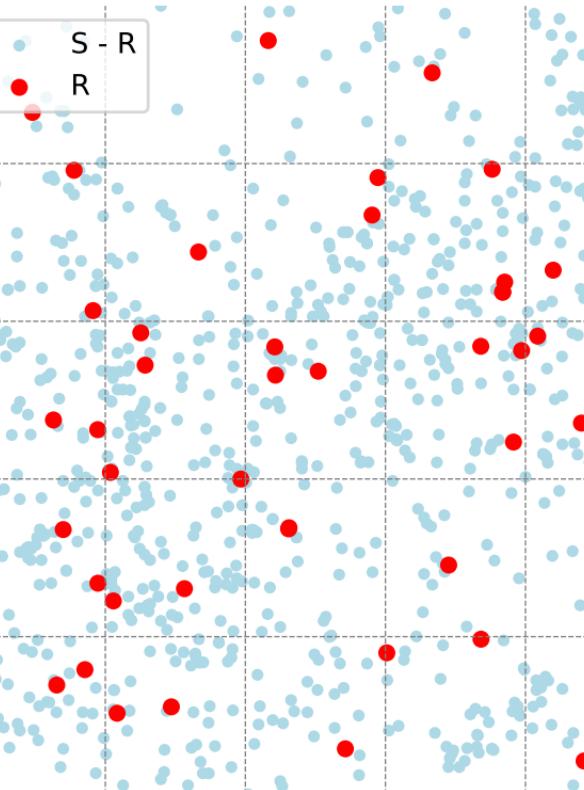
Baseline No R

Score: 4147.0301



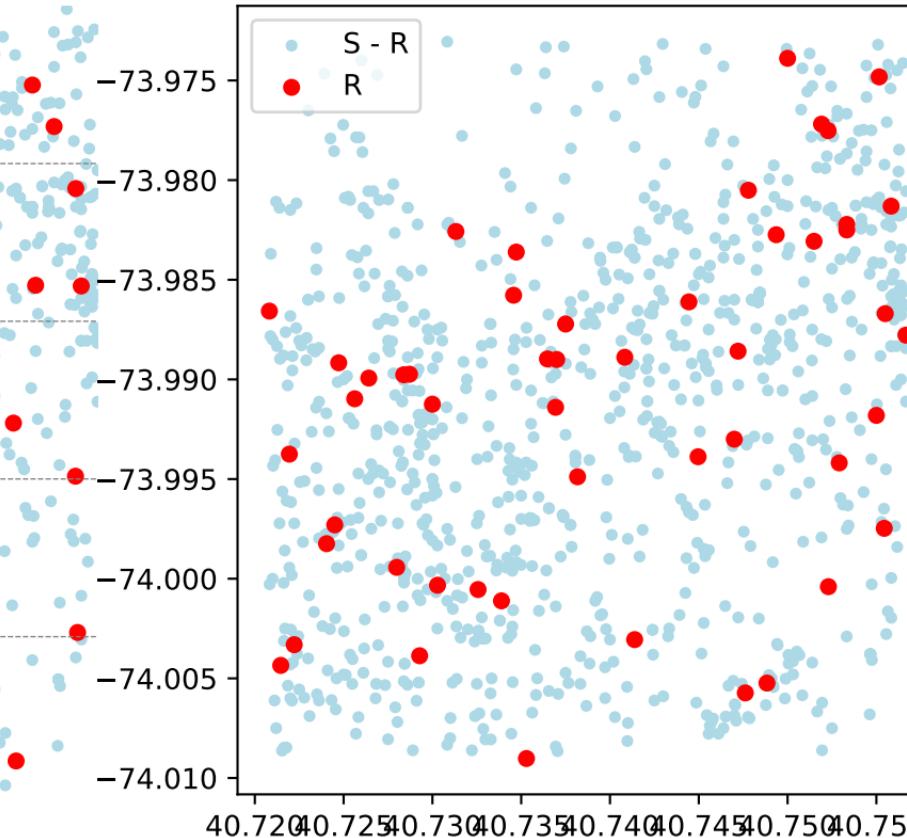
Grid Sampling

Score: 712.8190

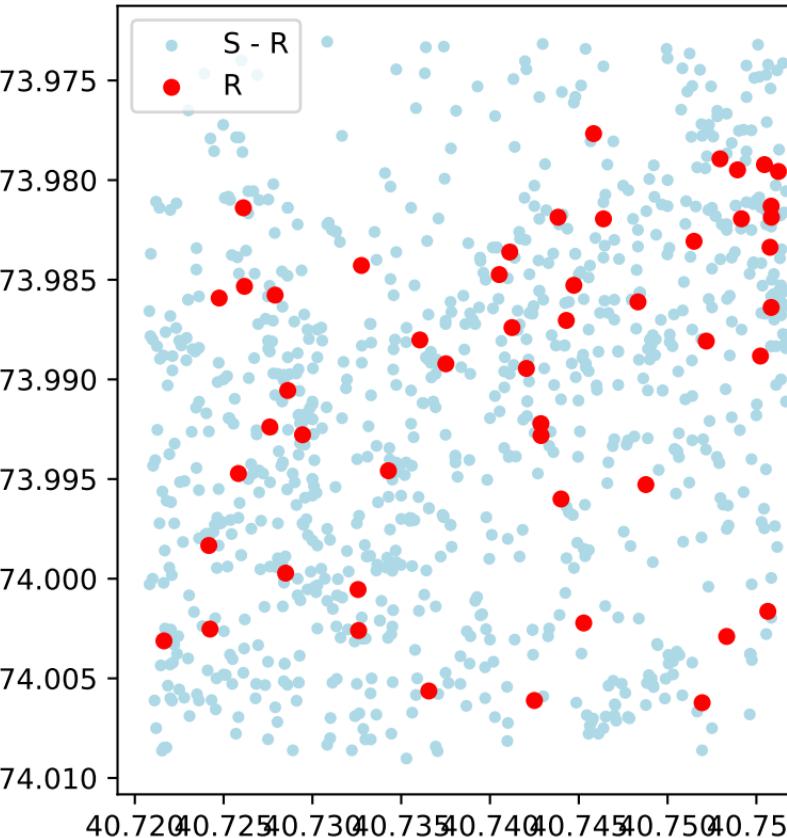
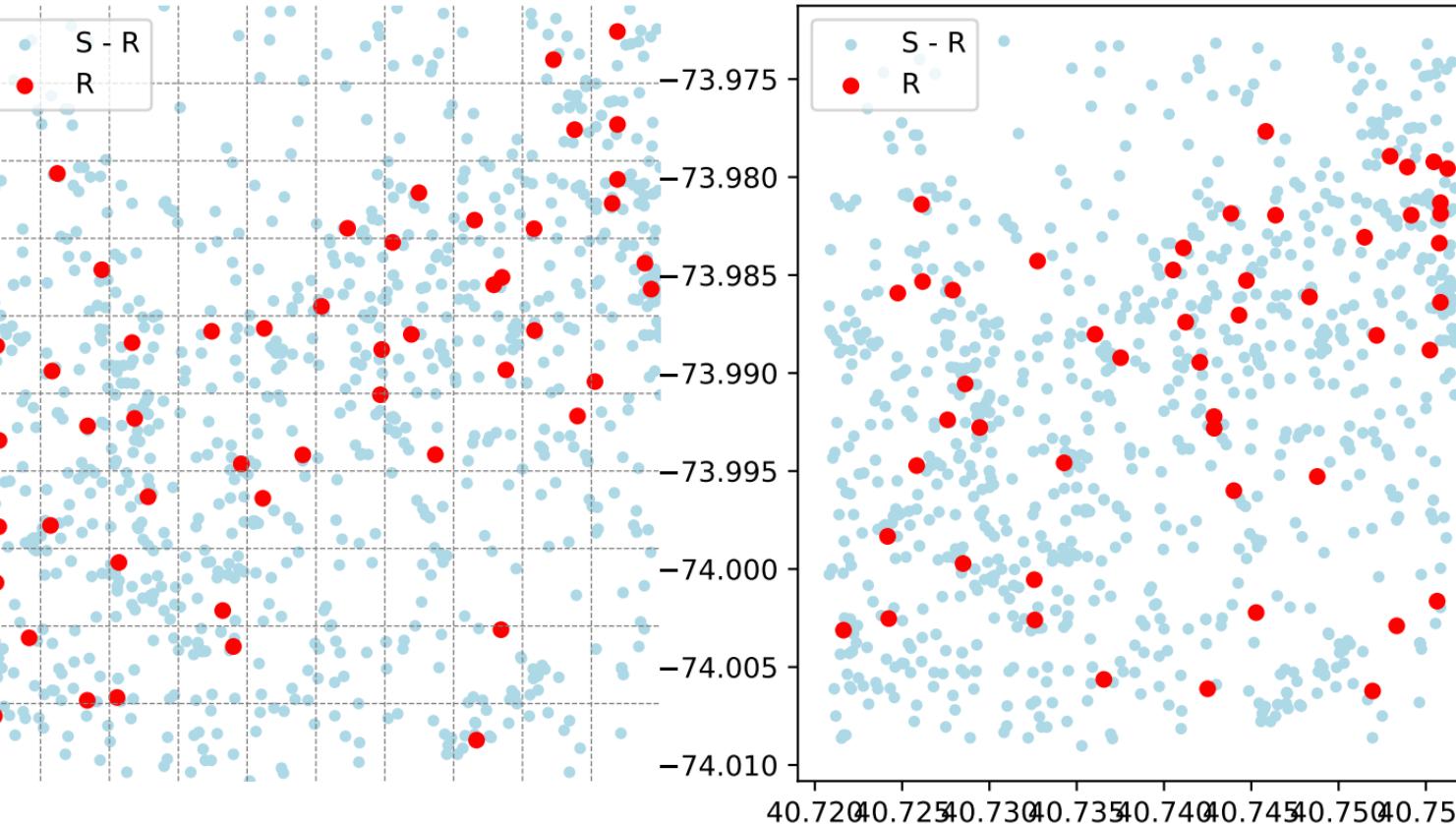
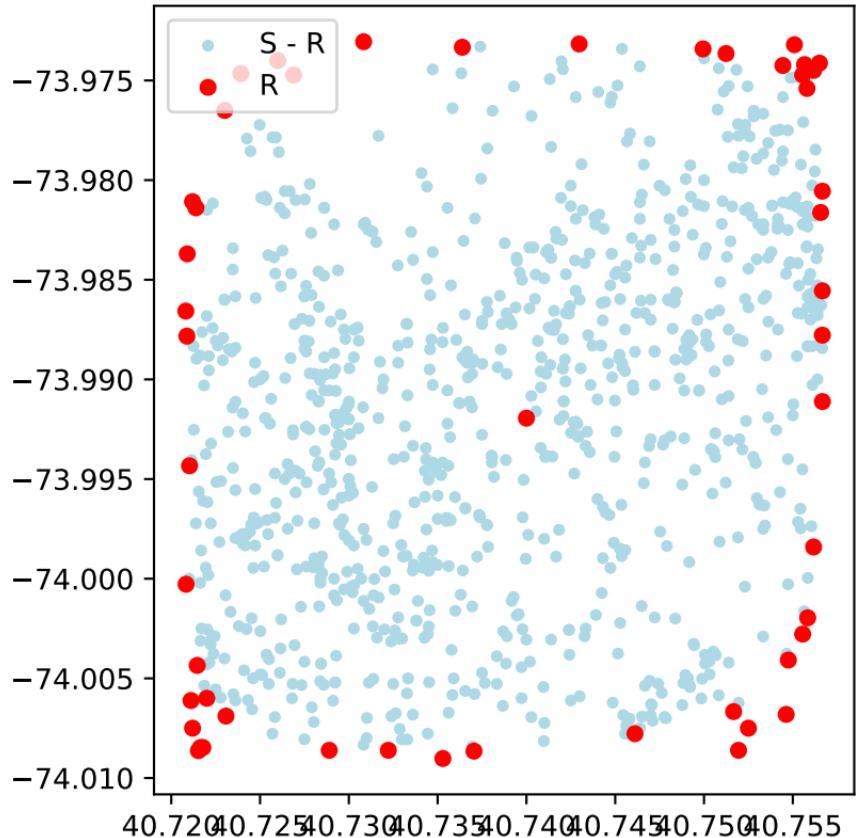


Sampling

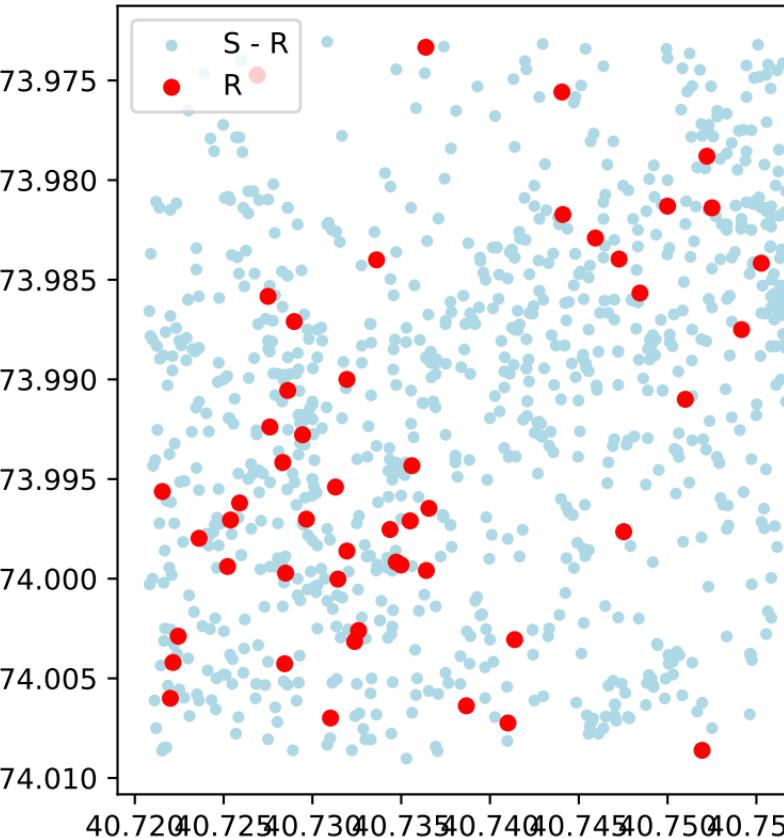
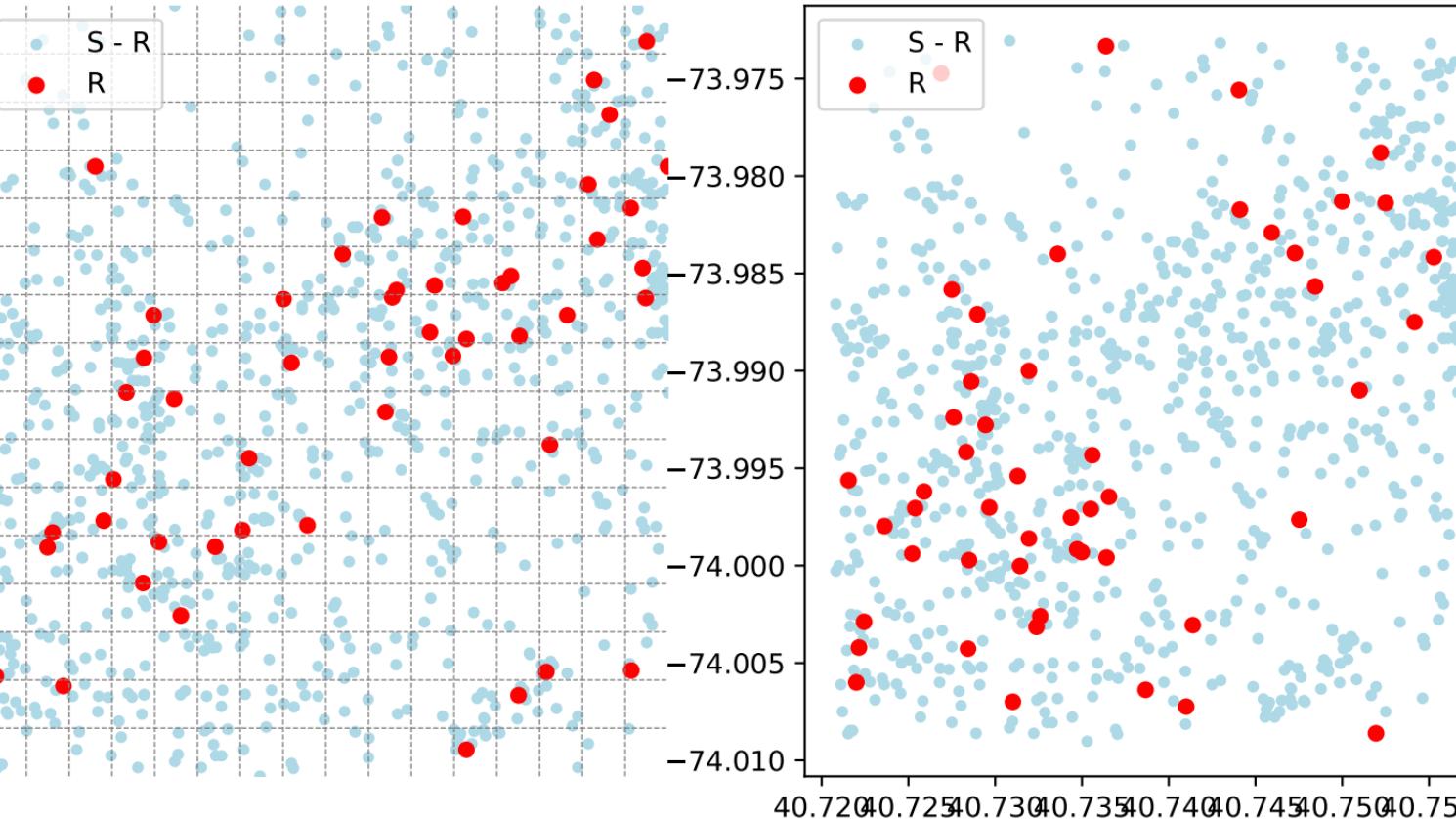
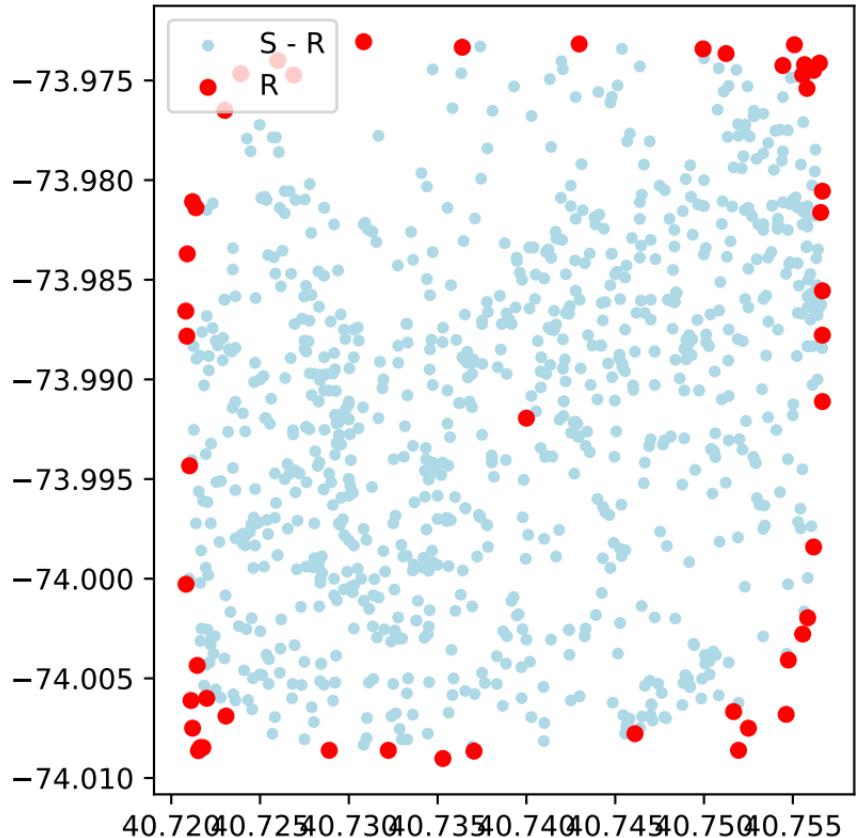
Score: 995.8289

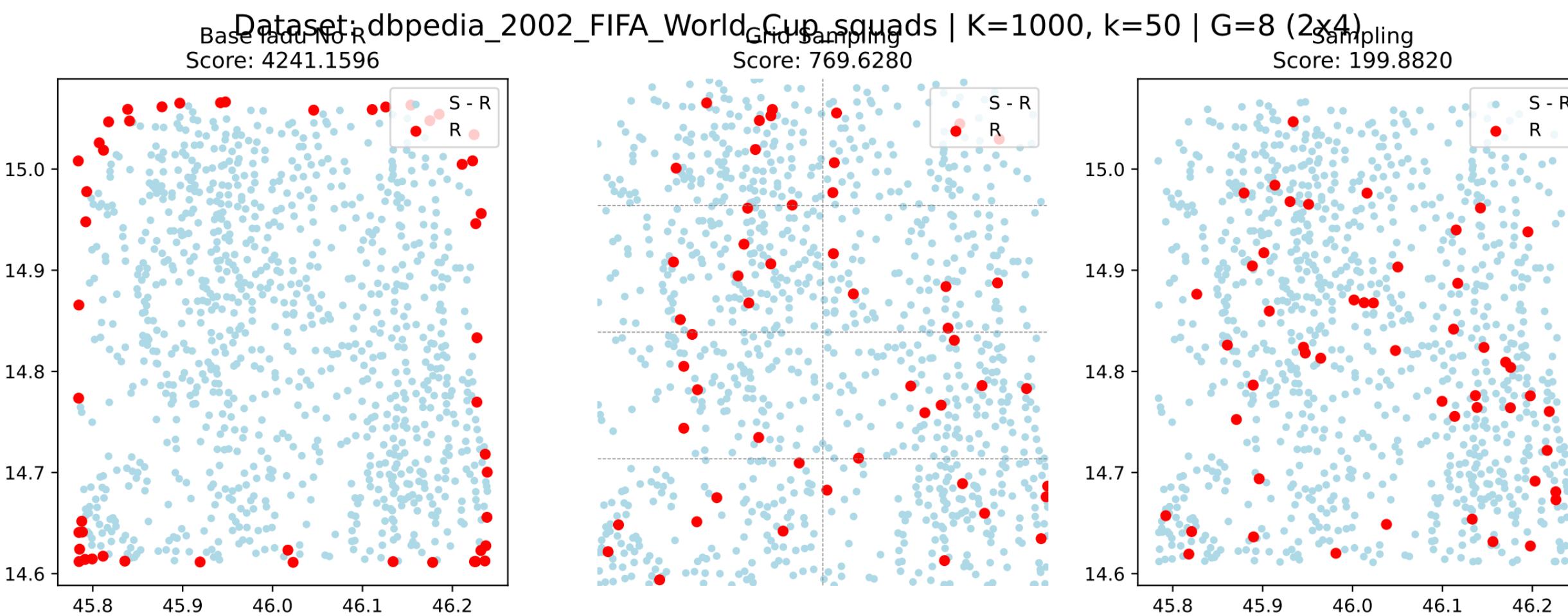


Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=50 | G=100 (10x10)
Baseline No R | UndSampling | Sampling
Score: 4147.0301 Score: 594.4507 Score: 418.5689



Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=50 | G=256 (16x16)
Baseline No R | UndSampling | Sampling
Score: 4147.0301 Score: 206.6176 Score: -394.6072





Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=50 | G=16 (4x4)

Baseline

No R

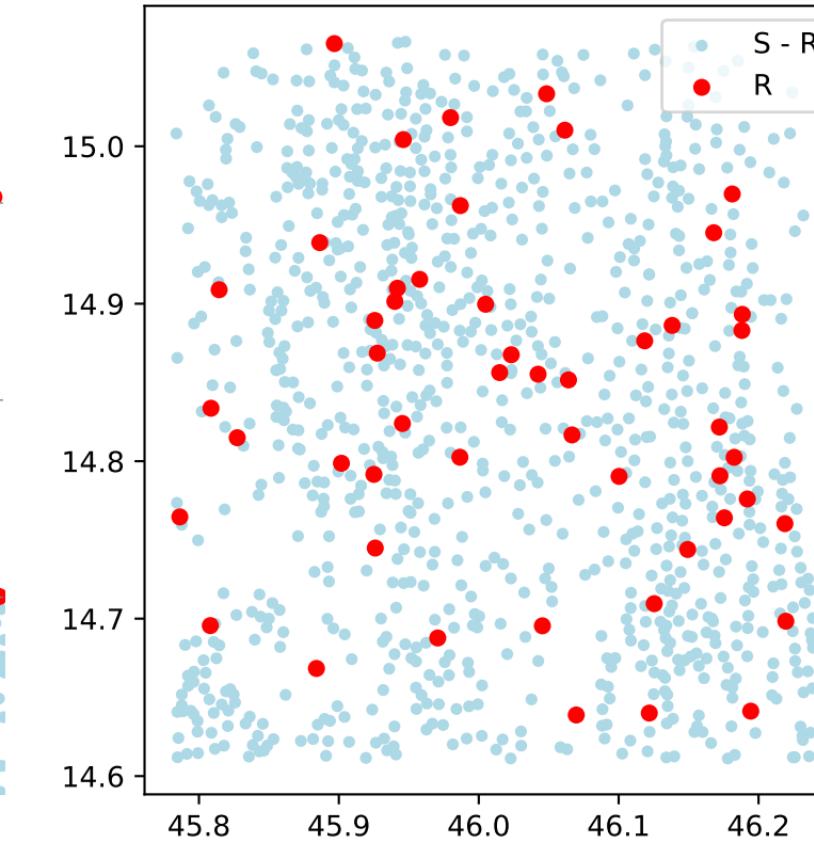
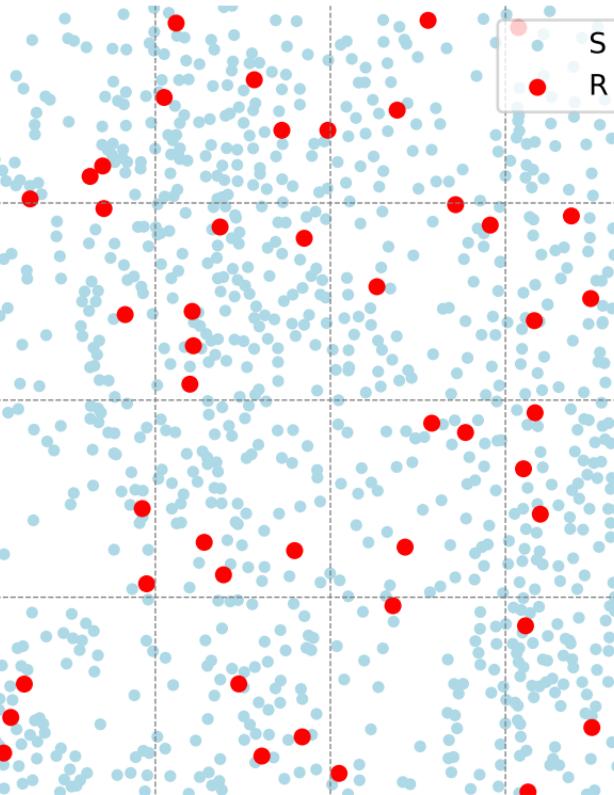
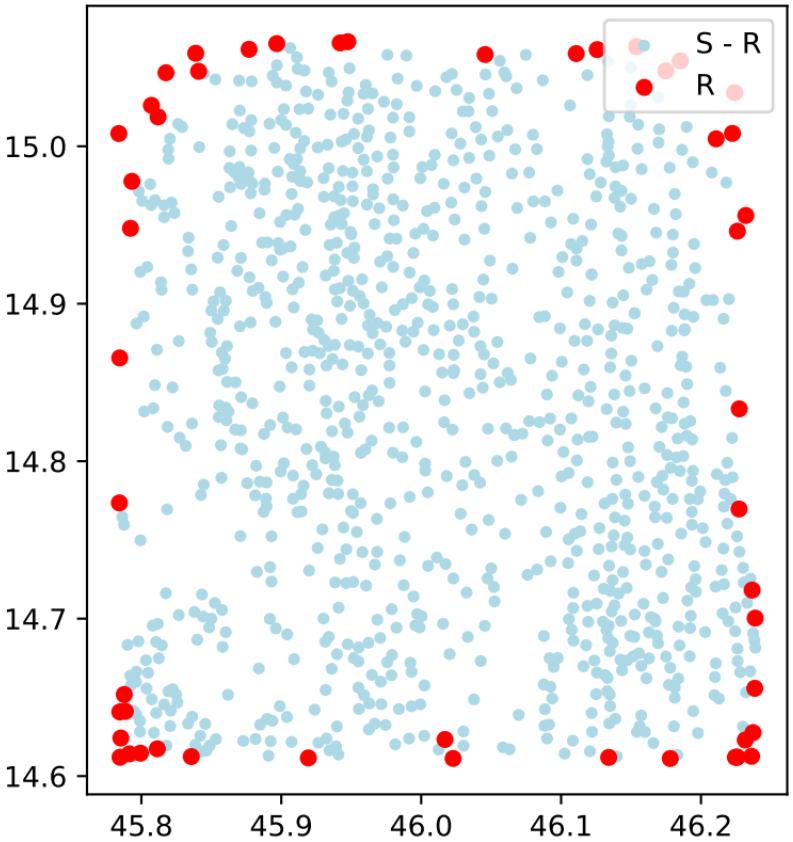
Score: 4241.1596

Grid Sampling

Score: 1003.3465

Sampling

Score: -231.2265



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=50 | G=25 (5x5)

Baseline No R

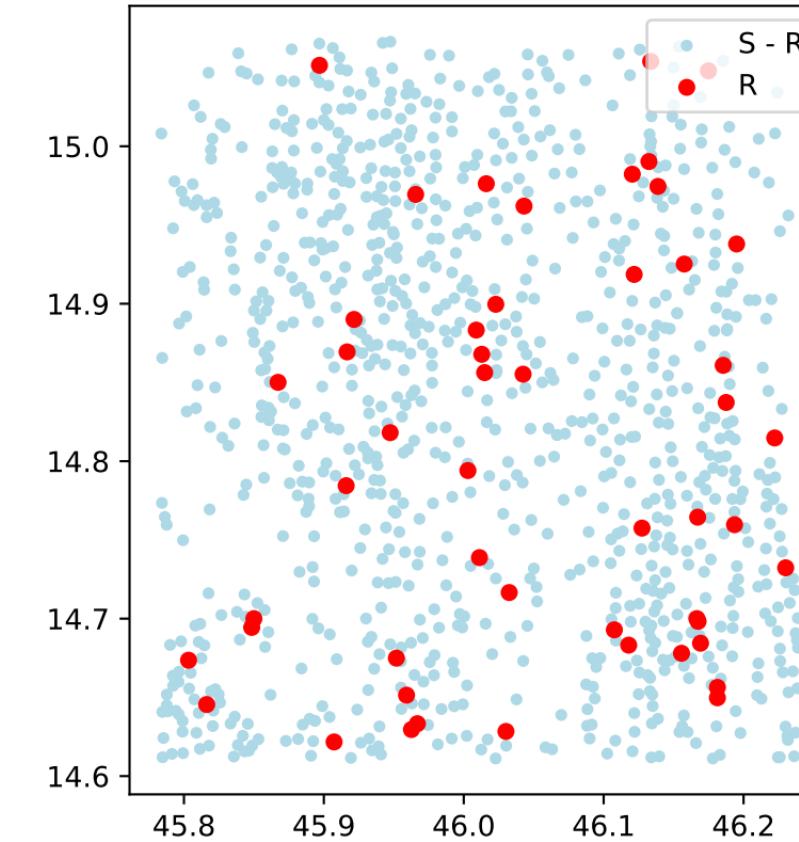
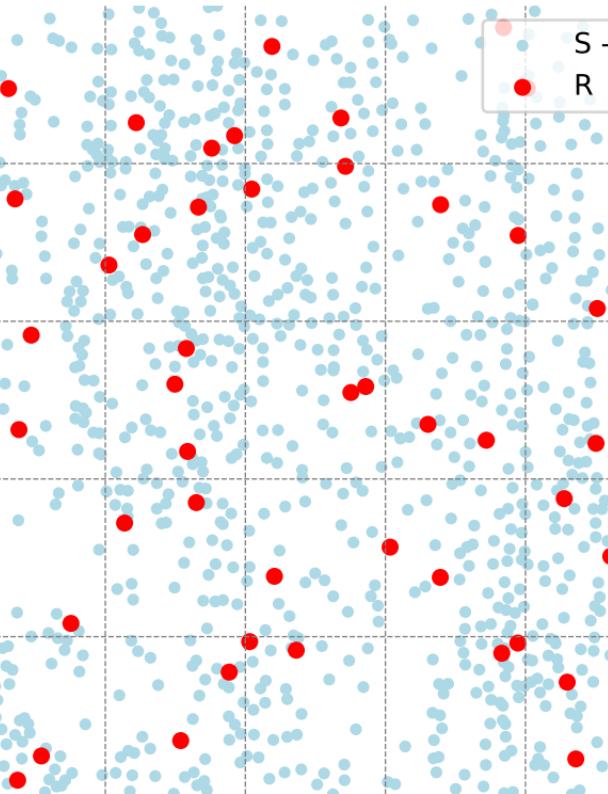
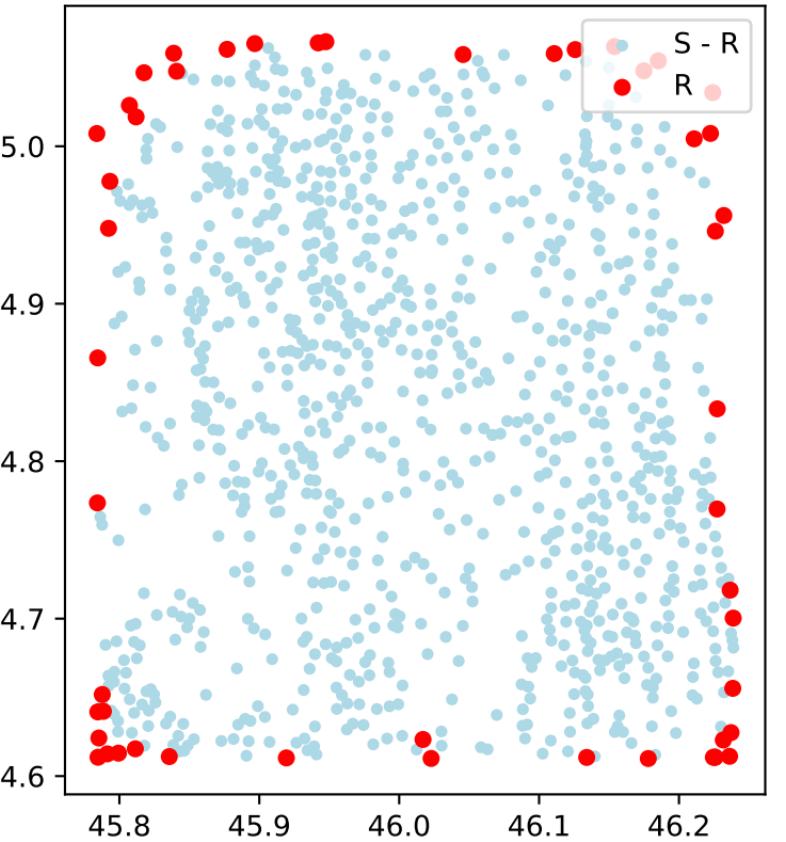
Score: 4241.1596

Grid Sampling

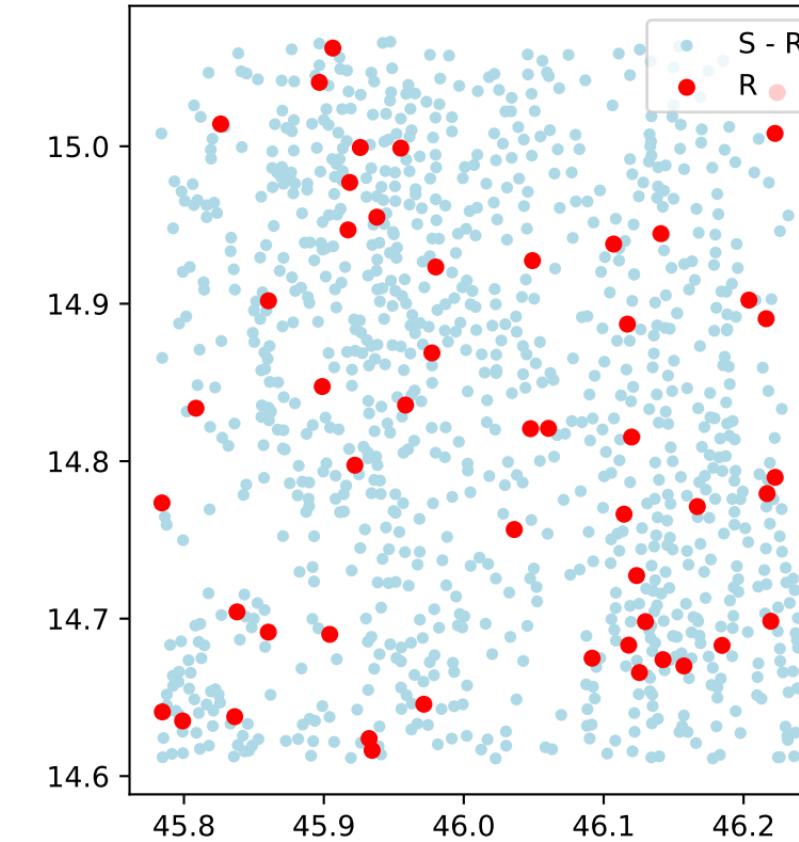
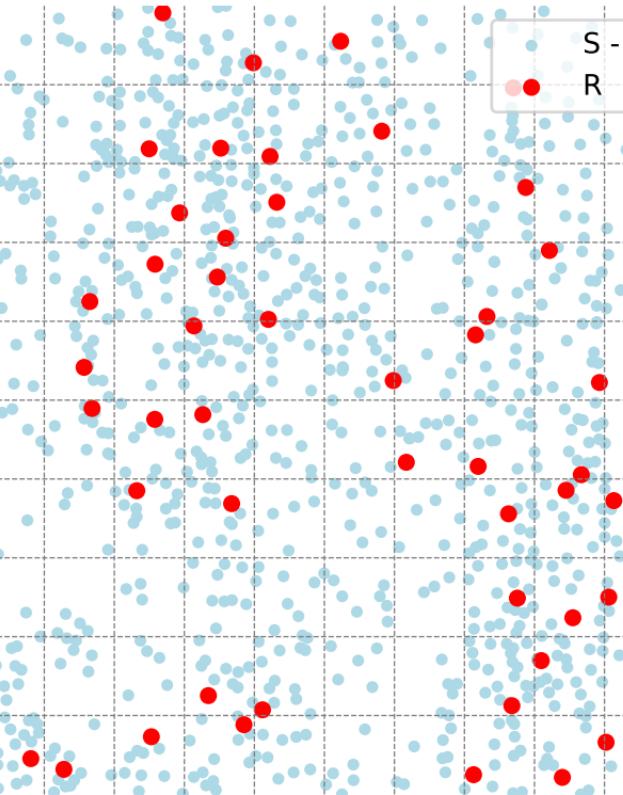
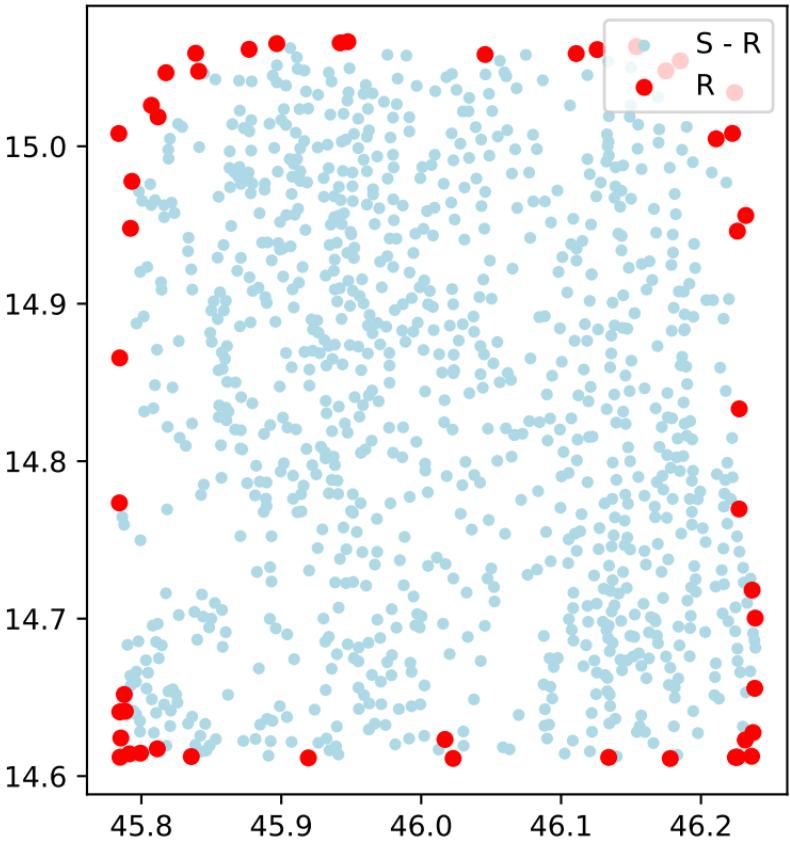
Score: 1021.7031

Sampling

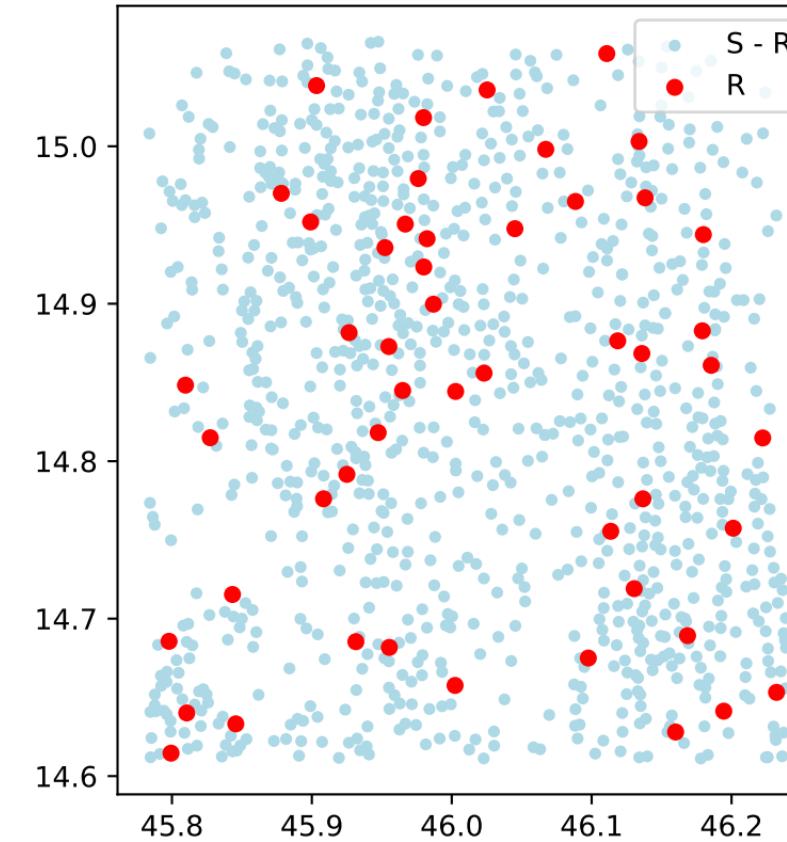
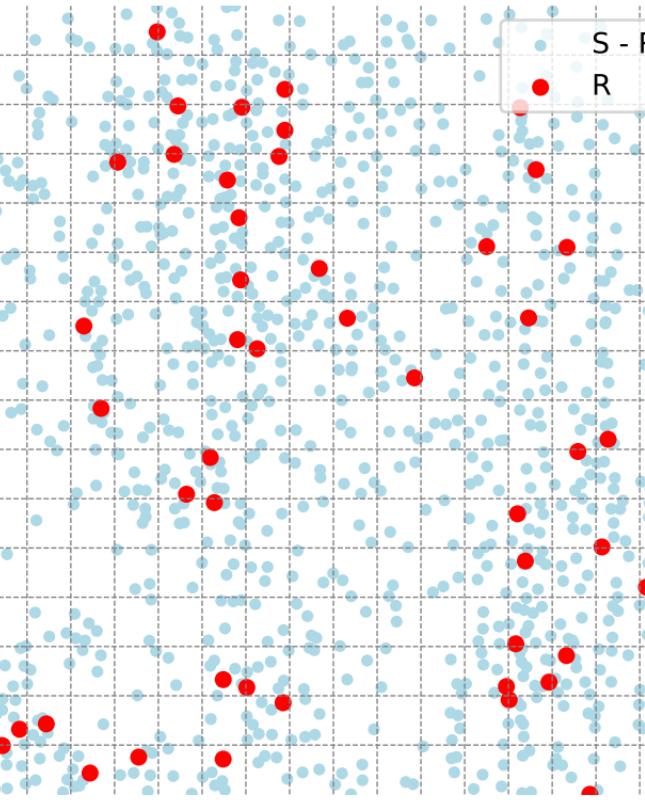
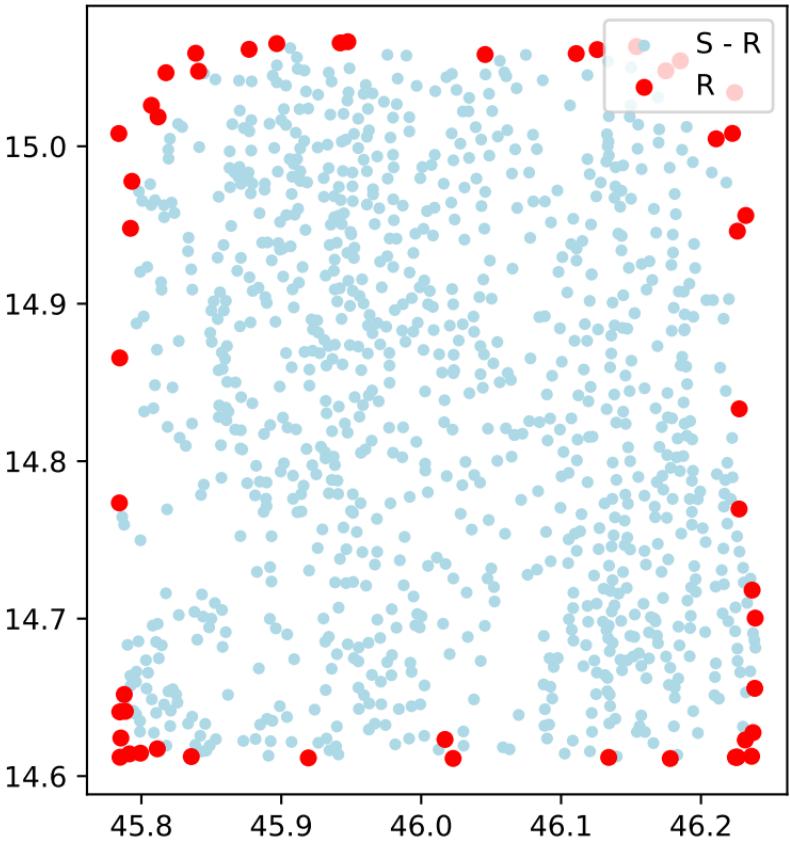
Score: 63.6328



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=50 | G=100 (10x10)
Baseline No R | UndSampling | Sampling
Score: 4241.1596 Score: 655.1226 Score: 1190.0121



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=50 | G=256 (16x16)
Baseline No R | Undersampling | Ours Sampling
Score: 4241.1596 Score: 968.6722 Score: 613.2458

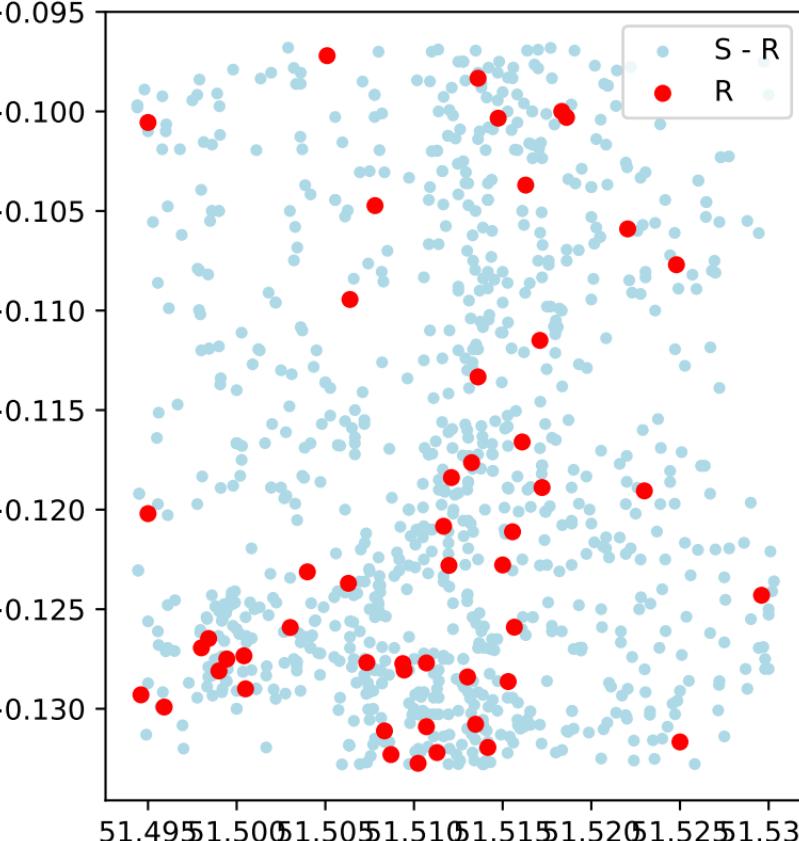
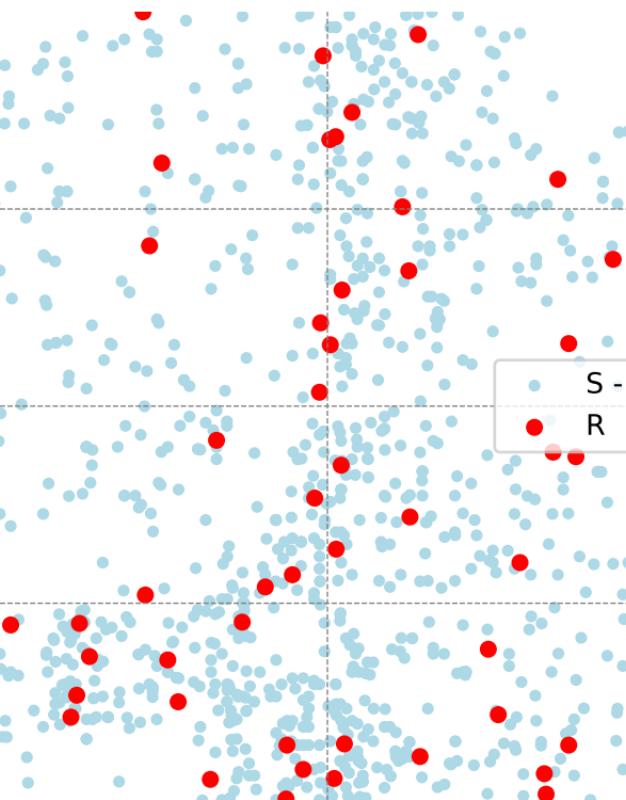
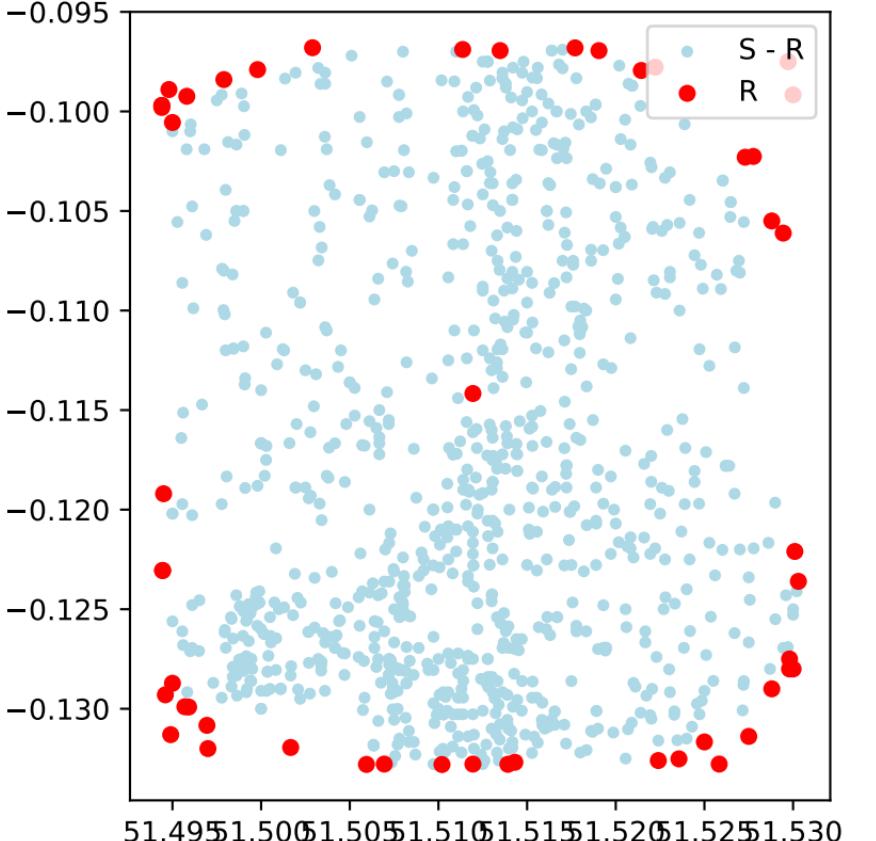


Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=50 | G=8 (2x4)

Base Iadu No R
Score: 4299.2336

Grid Sampling
Score: 1086.8958

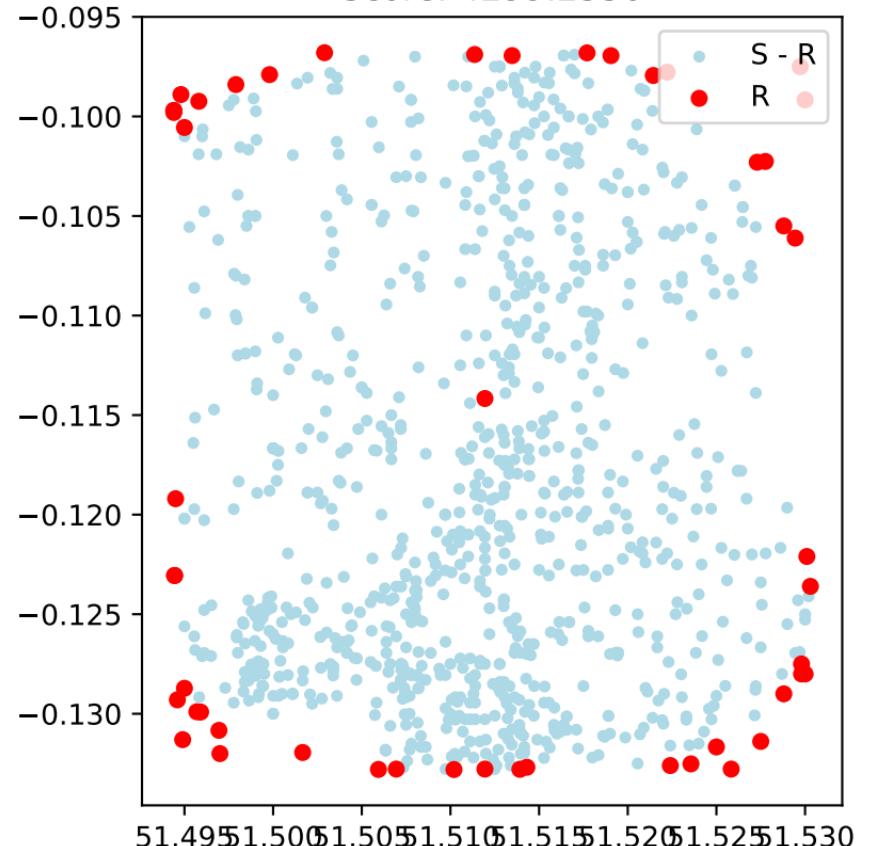
Sampling
Score: 438.4925



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=50 | G=16 (4x4)

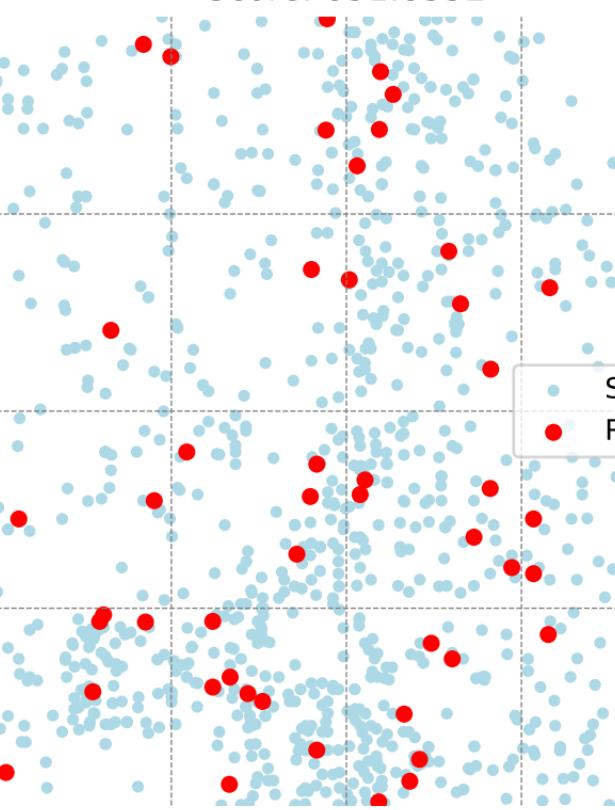
Baseline No R

Score: 4299.2336



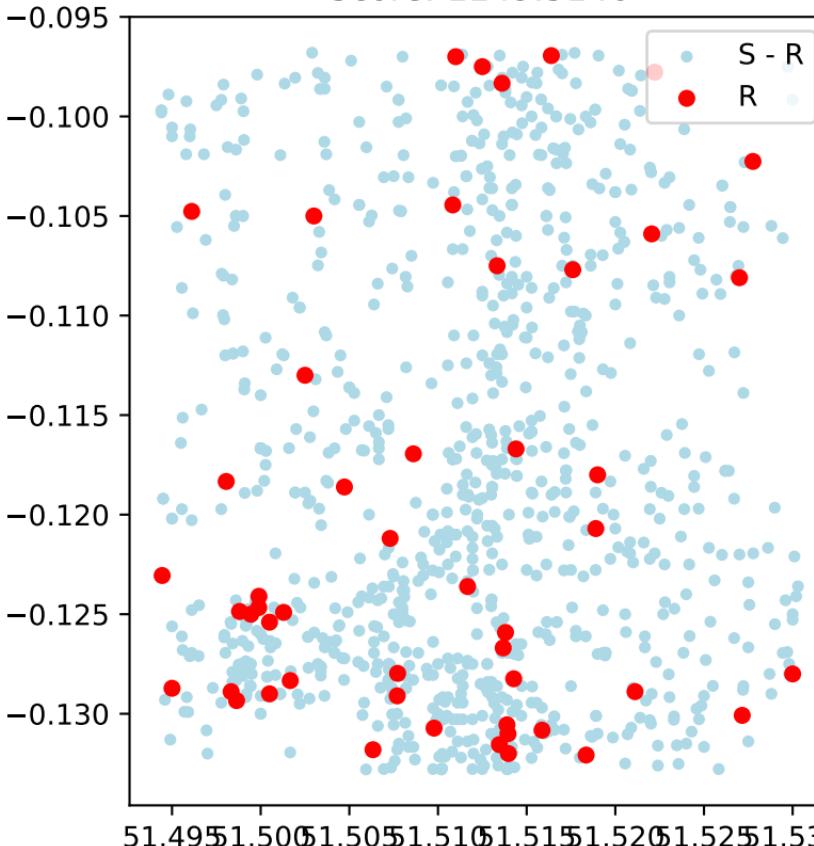
Grid Sampling

Score: 831.8352



Sampling

Score: 1149.3146



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=50 | G=25 (5x5)

Baseline No R

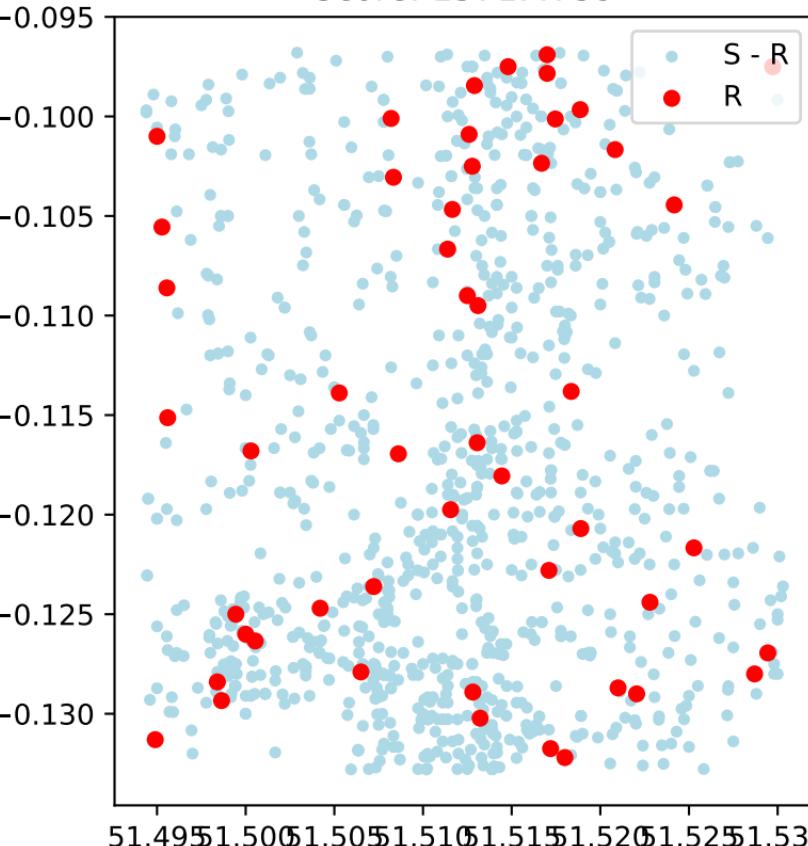
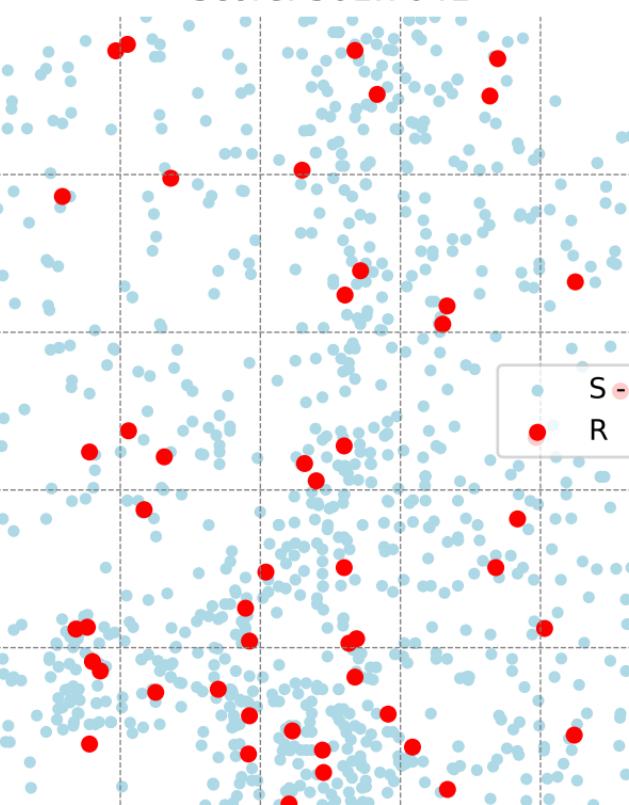
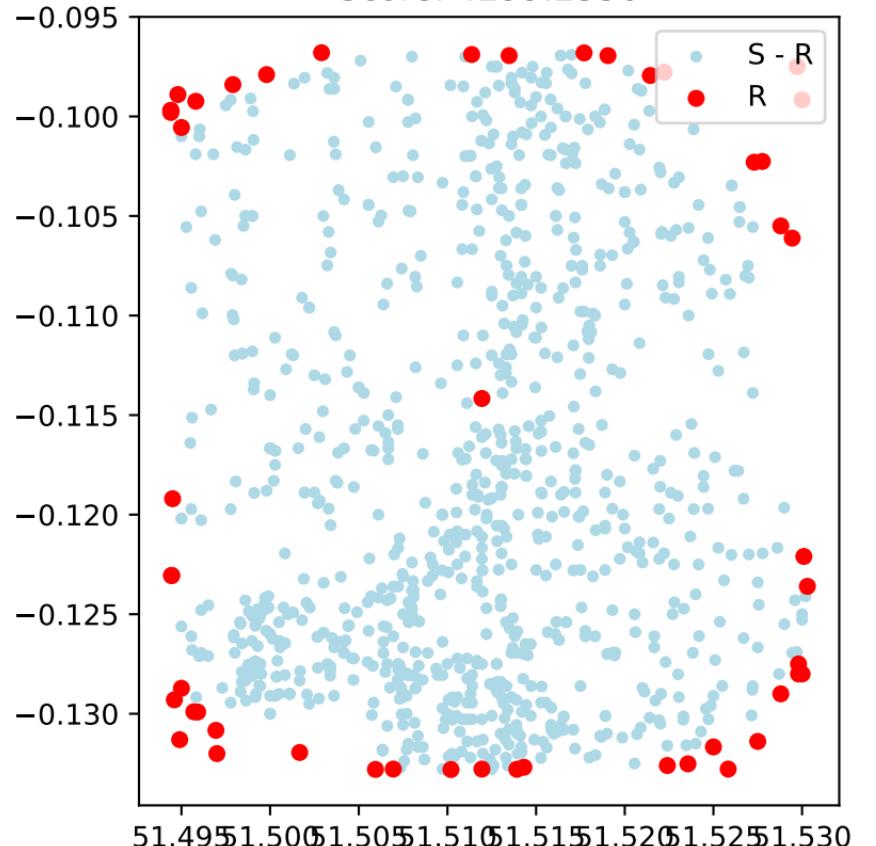
Score: 4299.2336

Grid Sampling

Score: 501.7041

Sampling

Score: 1571.4739



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=50 | G=100 (10x10)

Baseline No R

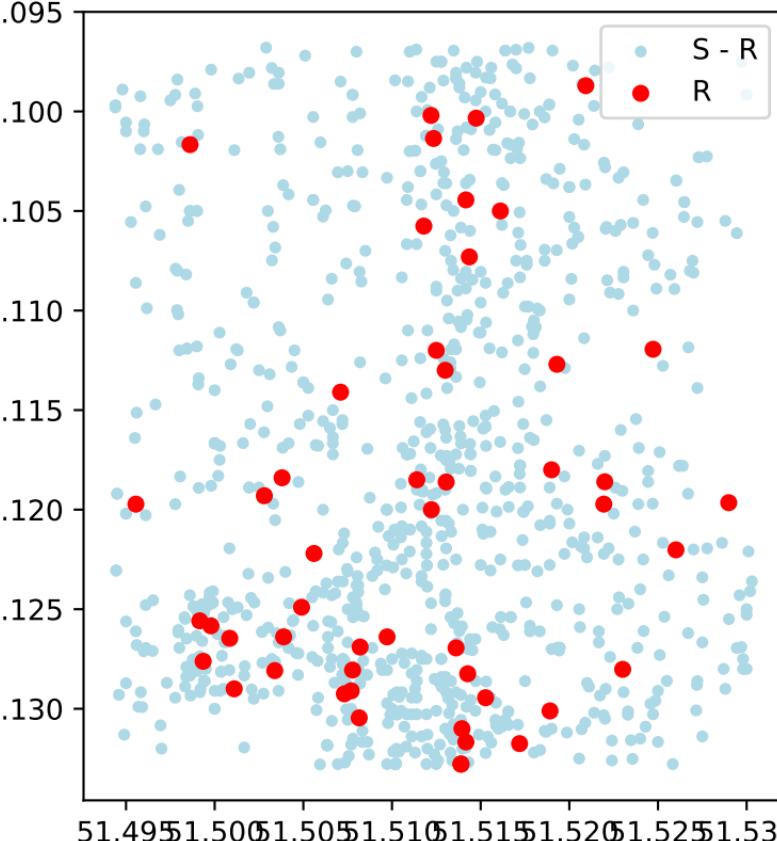
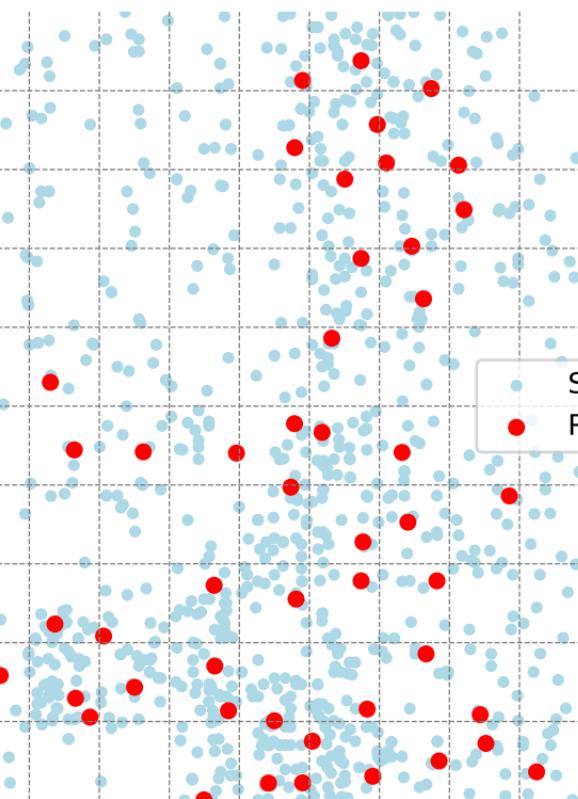
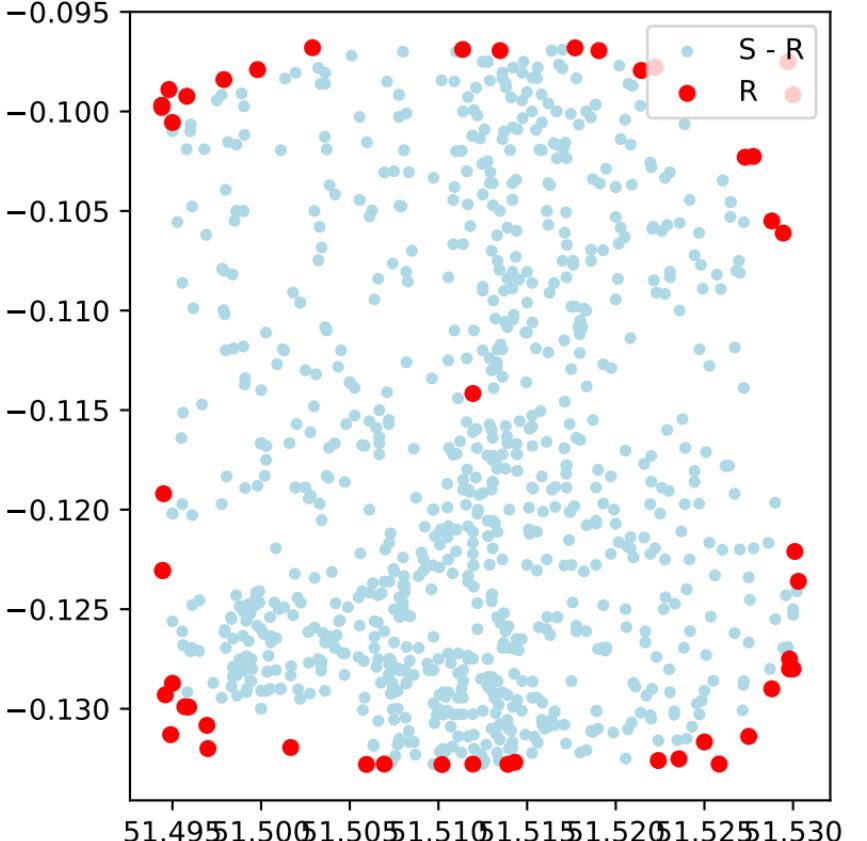
Score: 4299.2336

UndSampling

Score: 154.2294

Sampling

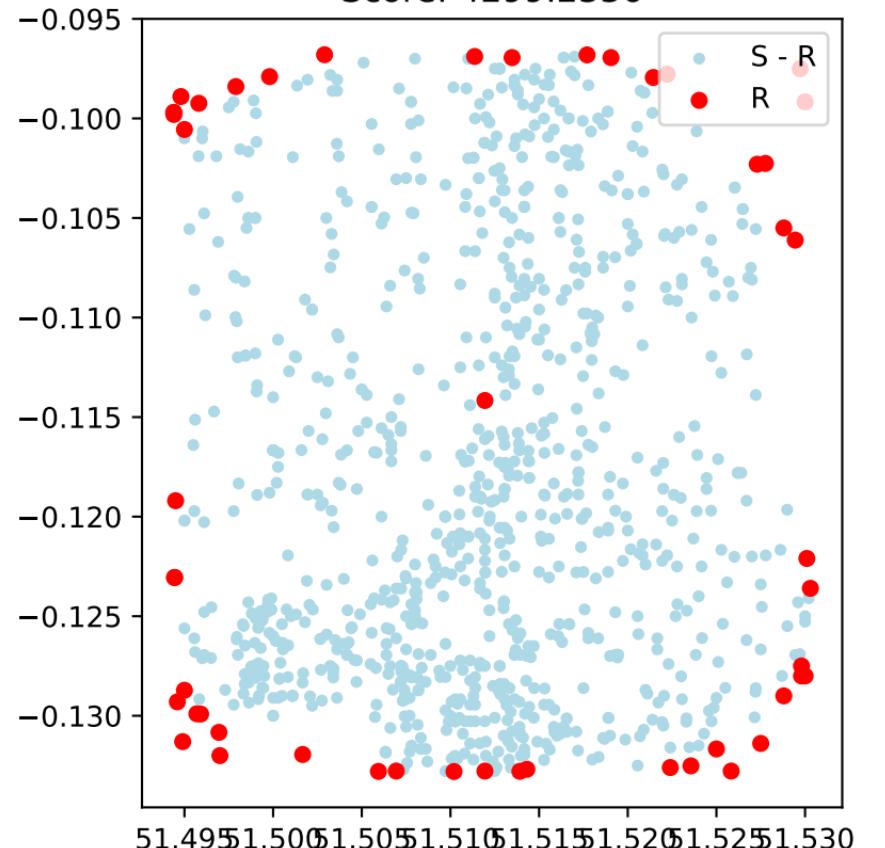
Score: -2.3598



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=50 | G=256 (16x16)

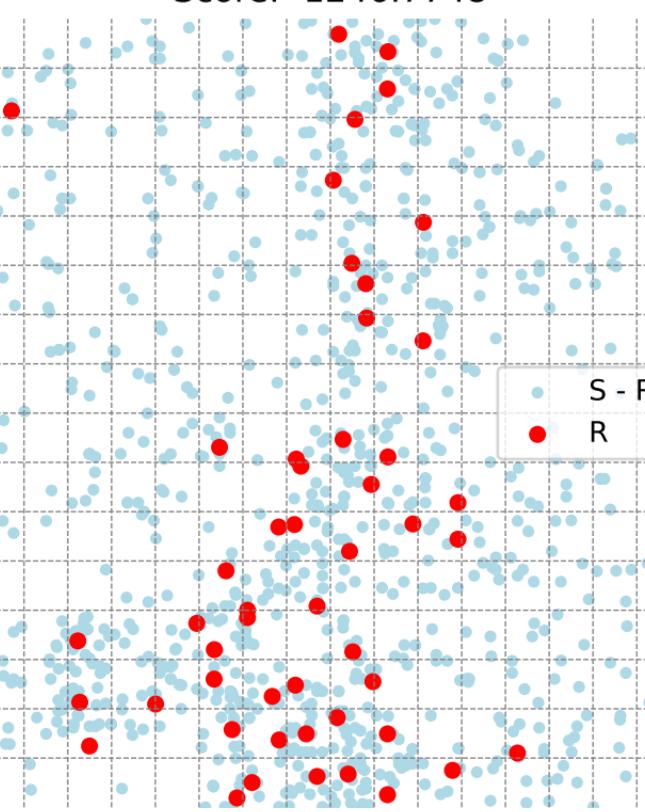
Baseline No R

Score: 4299.2336



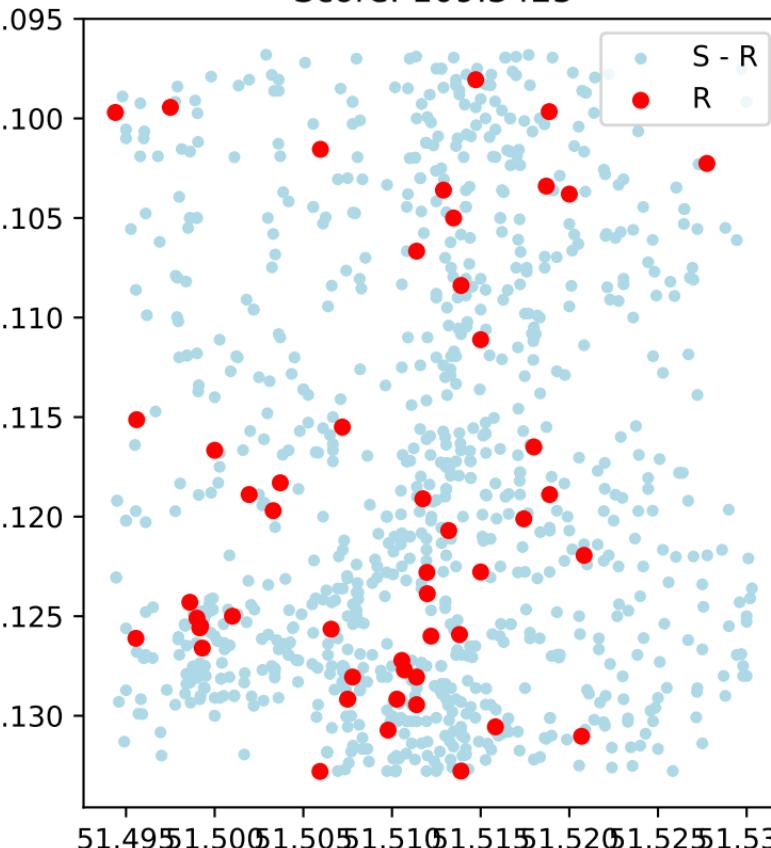
Undersampling

Score: -1246.7748

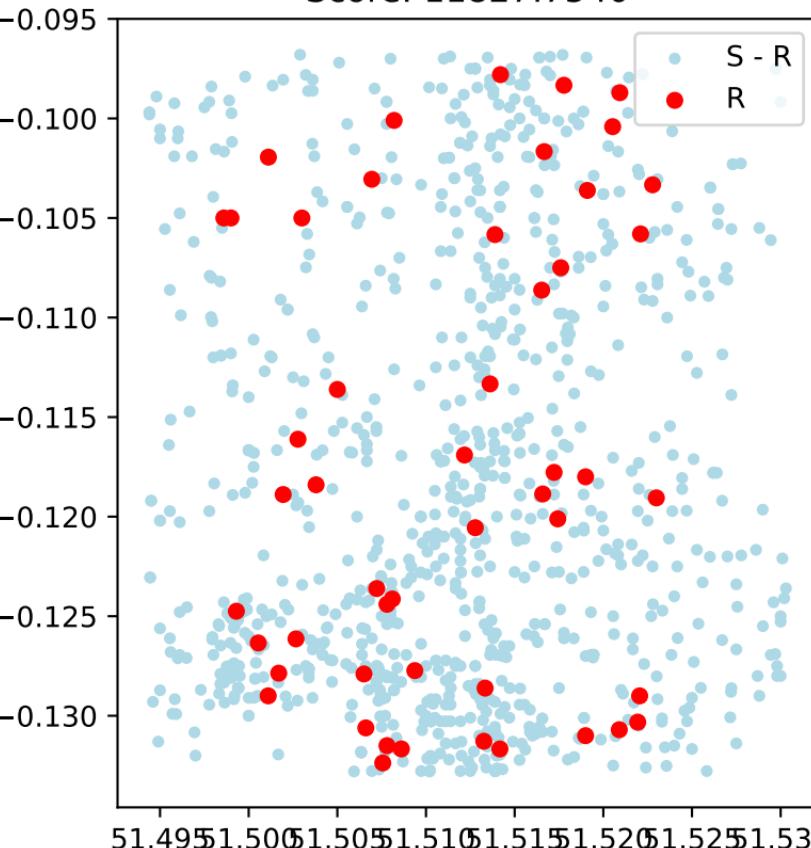
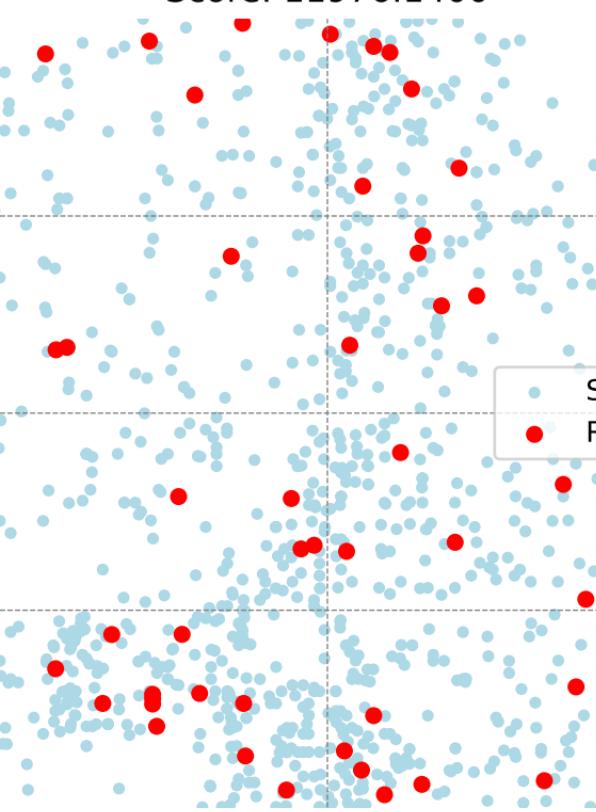
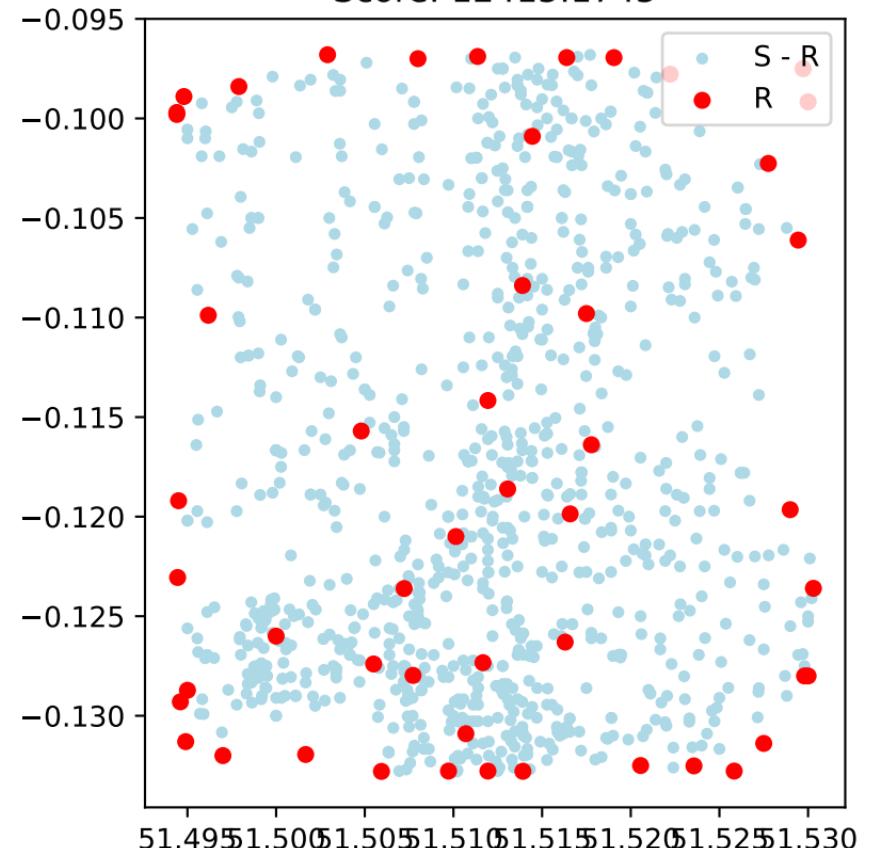


Oversampling

Score: 109.3425



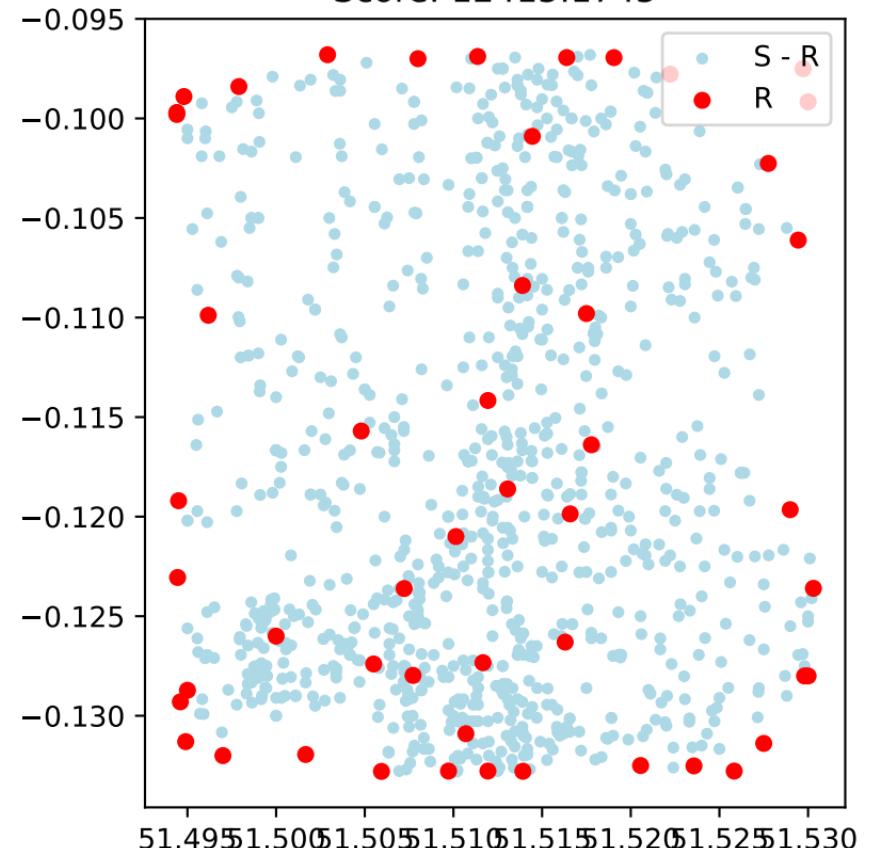
Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=50 | G=8 (2x4)



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=50 | G=16 (4x4)

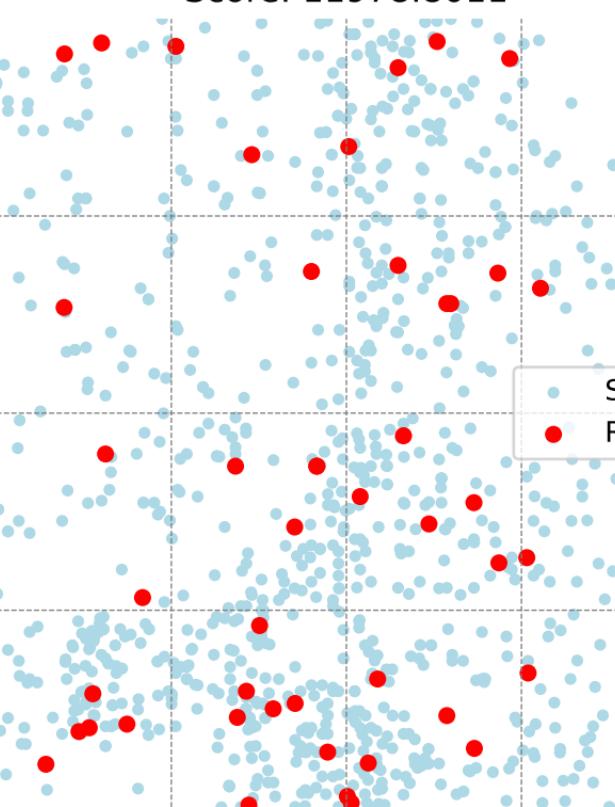
Baseline No R

Score: 12415.1745



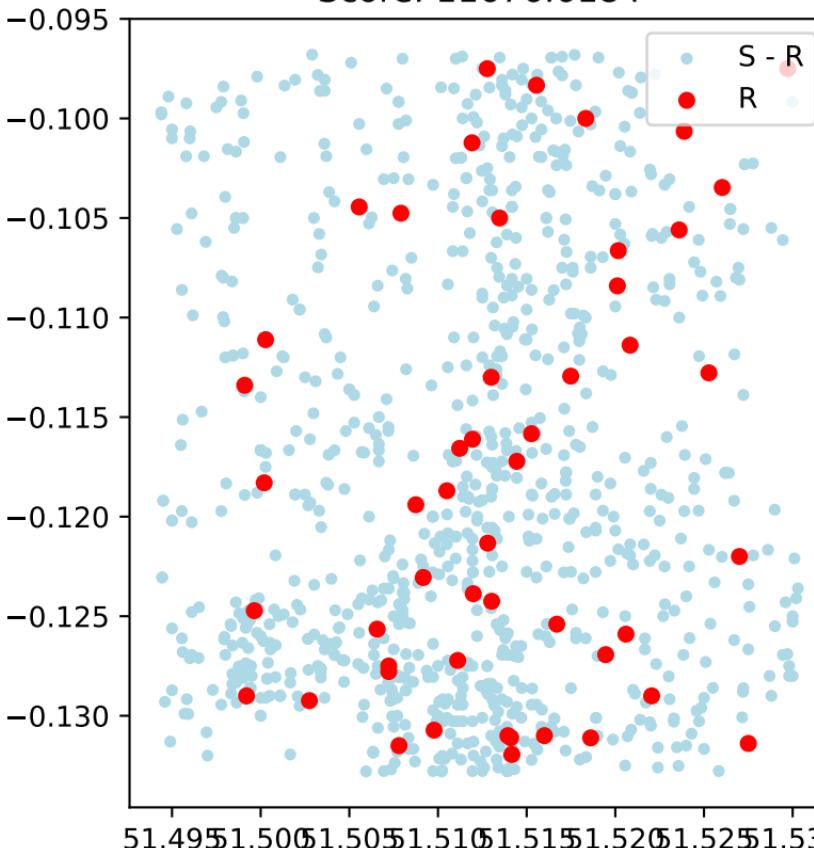
Grid Sampling

Score: 11978.8011

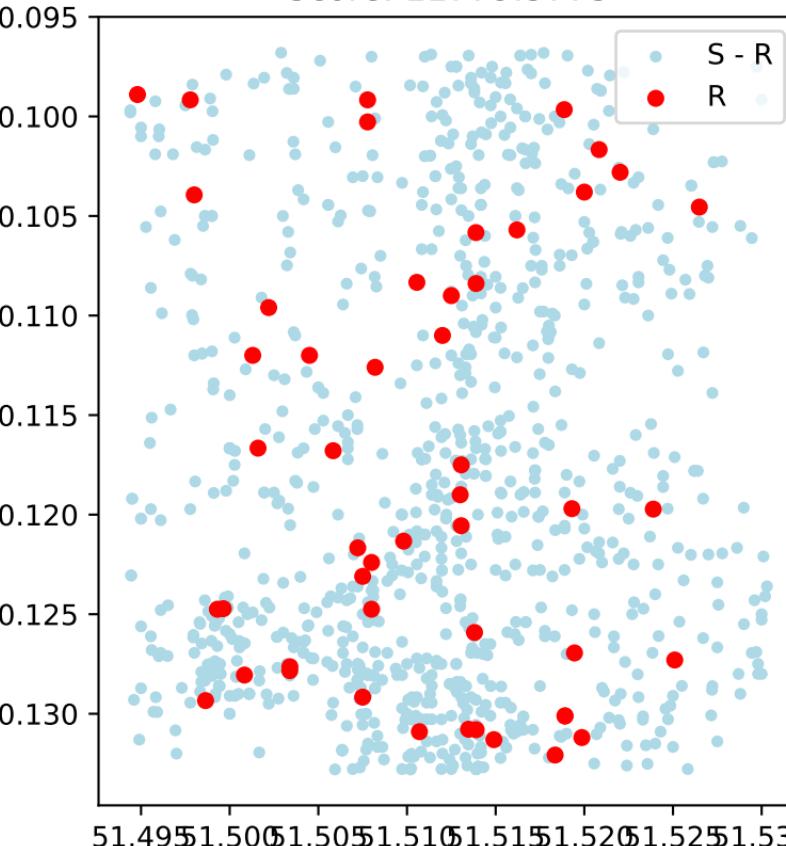
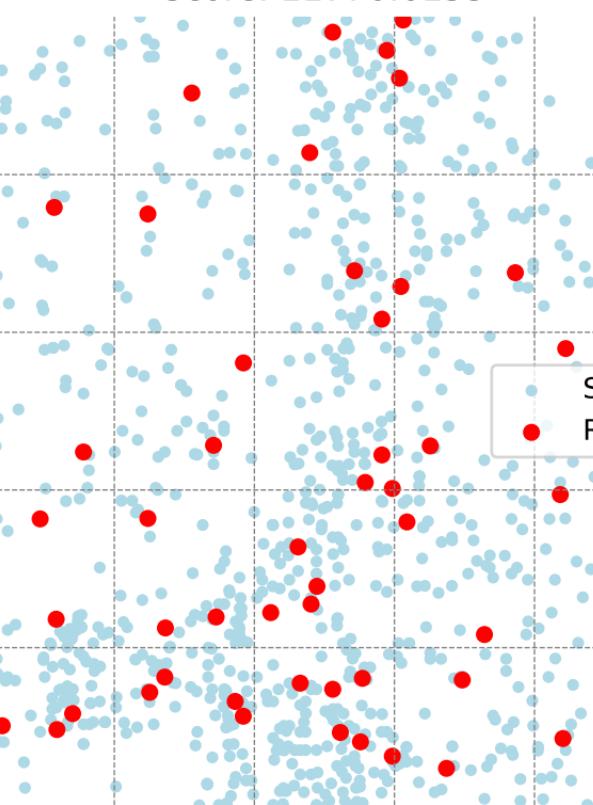
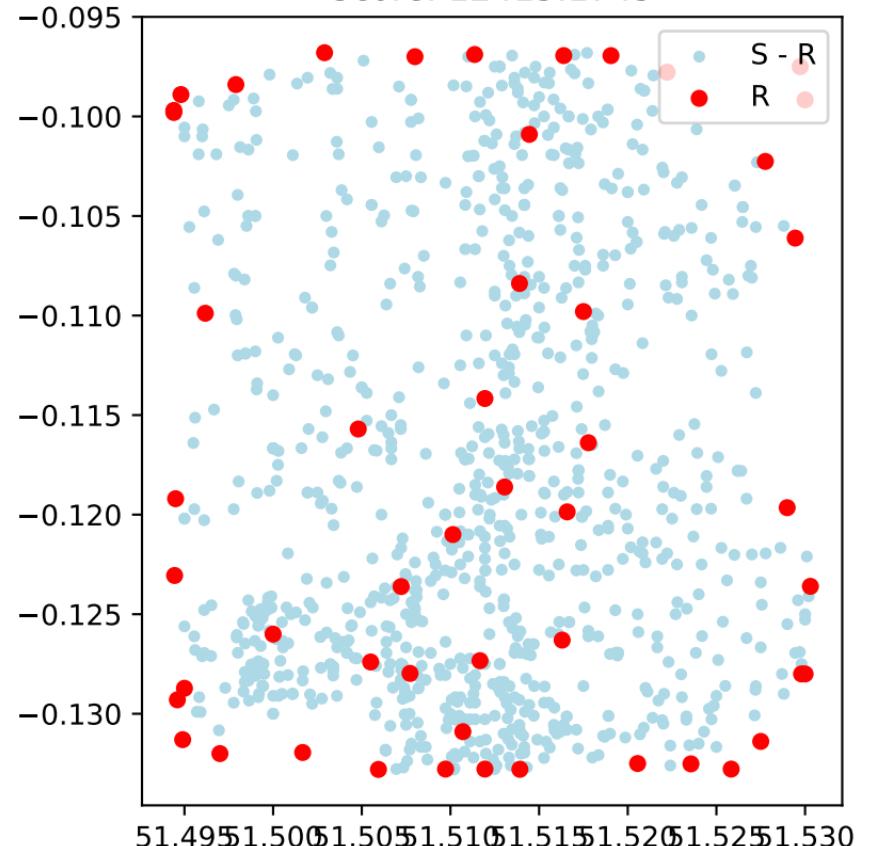


Sampling

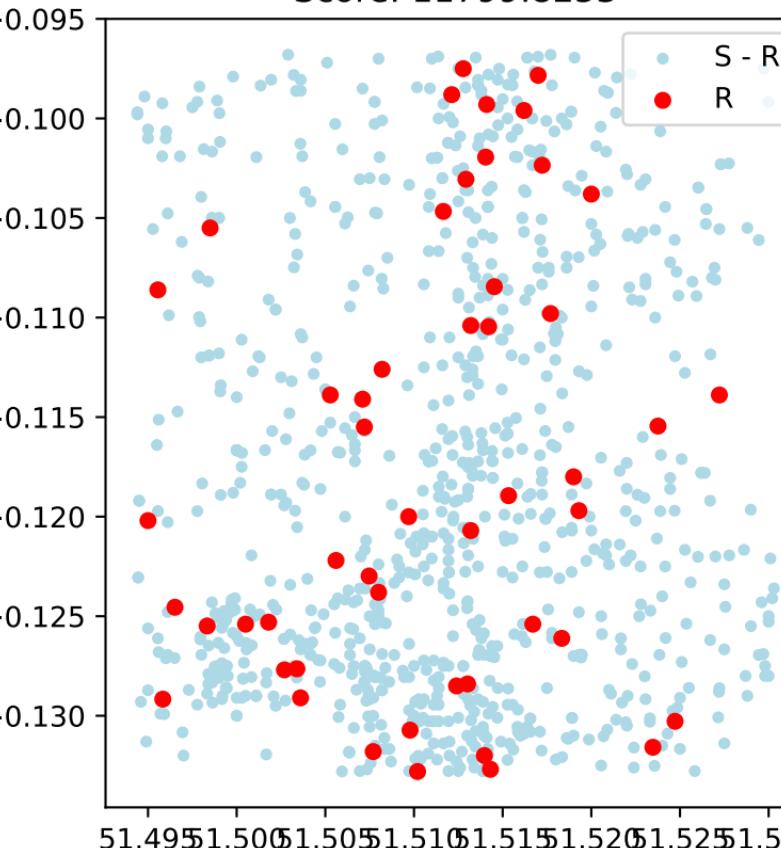
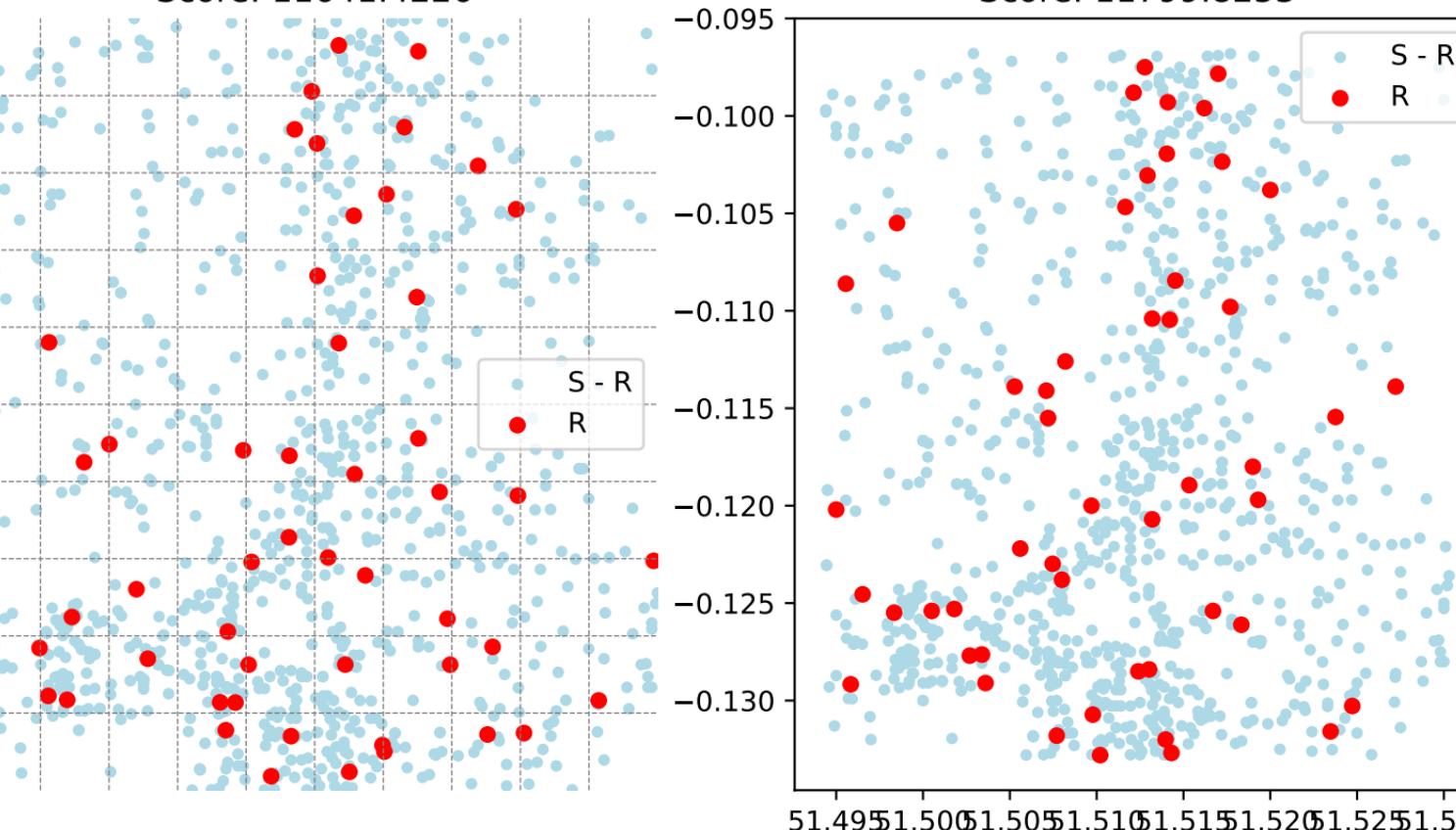
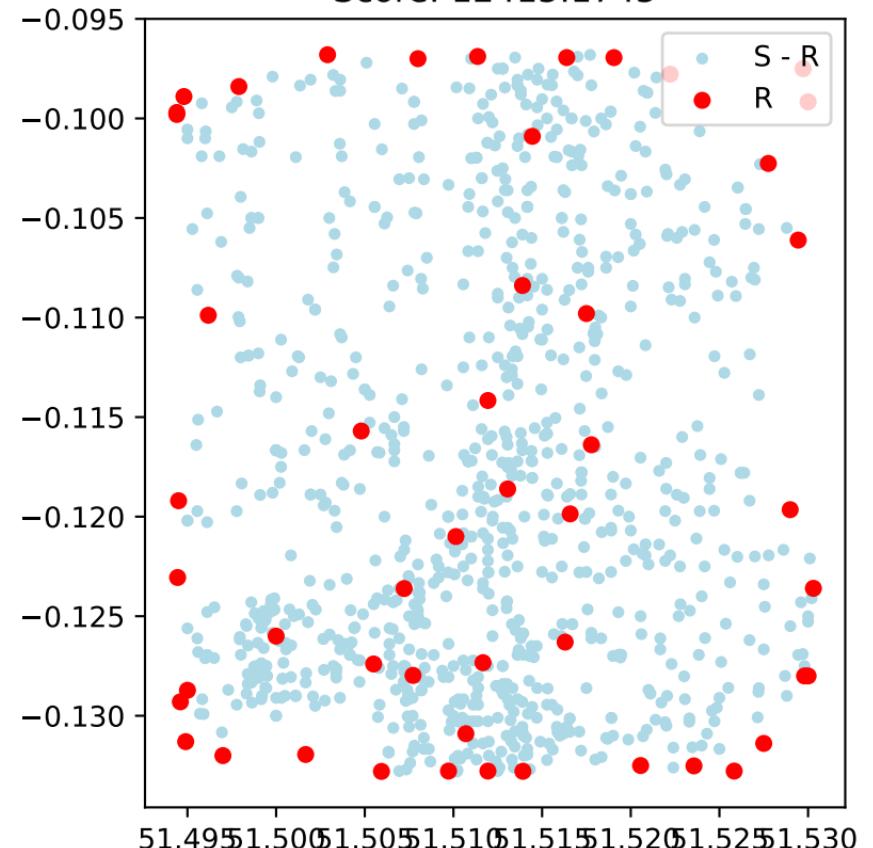
Score: 11676.6184



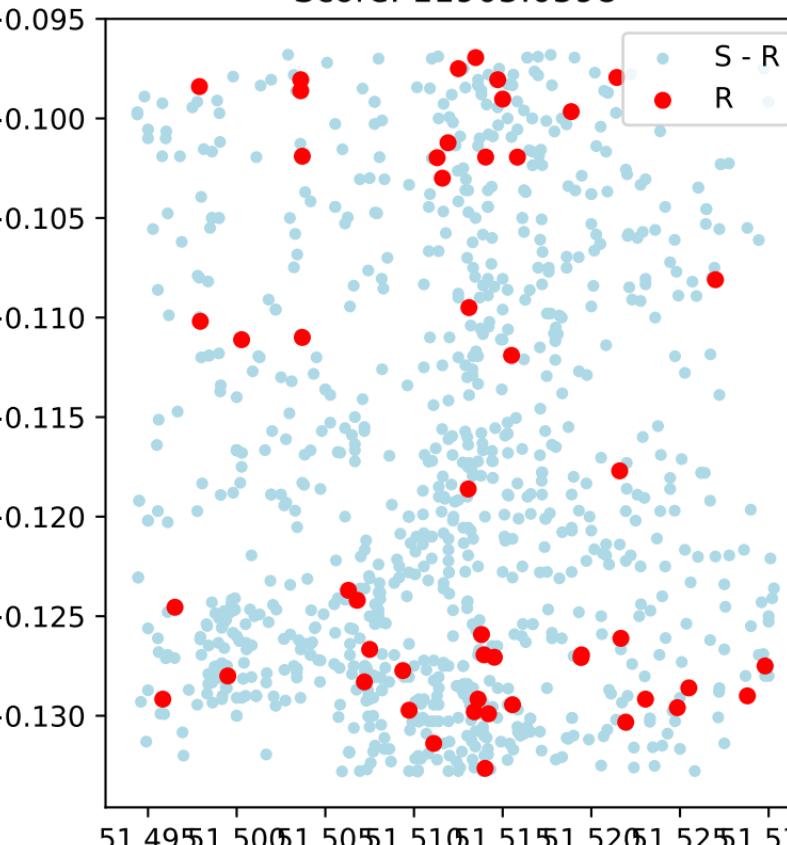
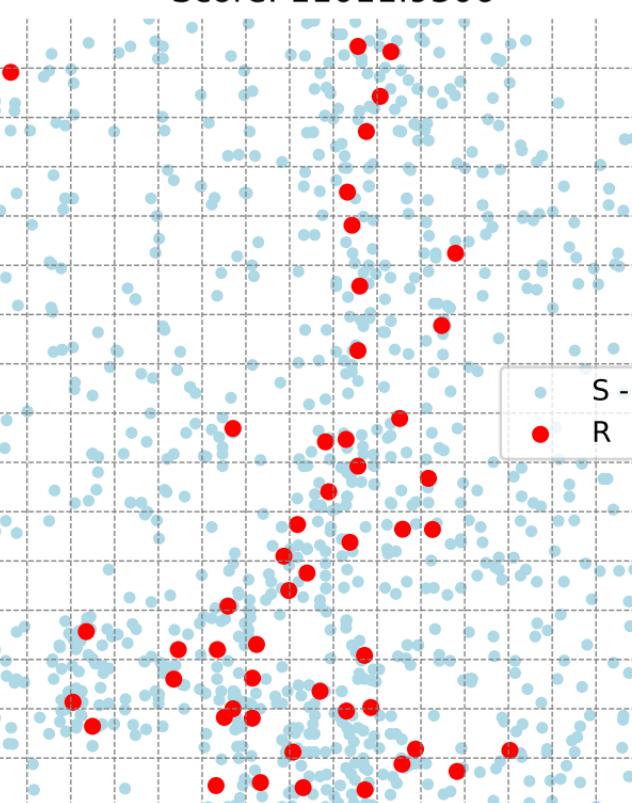
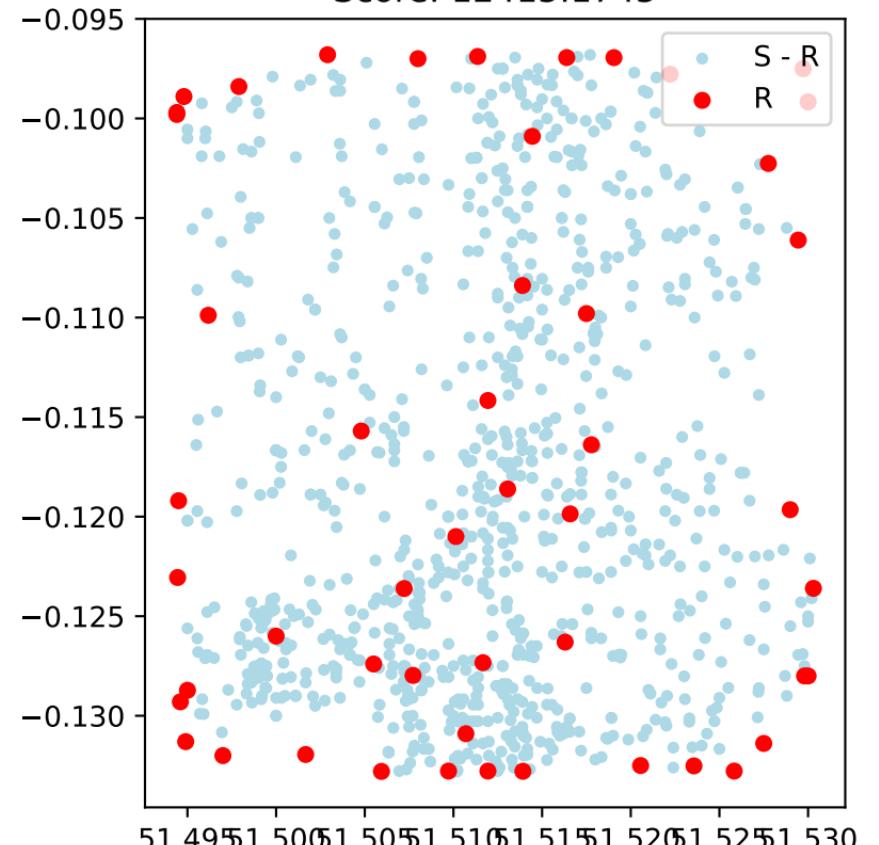
Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=50 | G=25 (5x5)

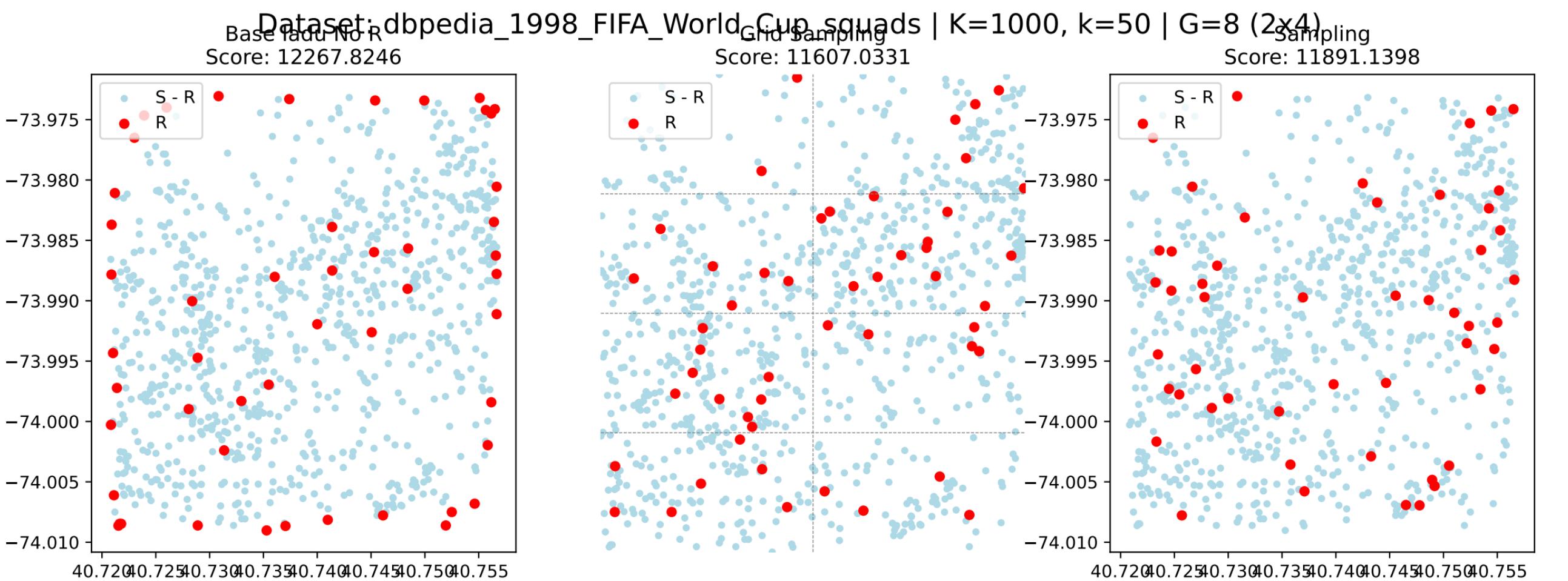


Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=50 | G=100 (10x10)
Baseline No R | Undersampling | Ours Sampling

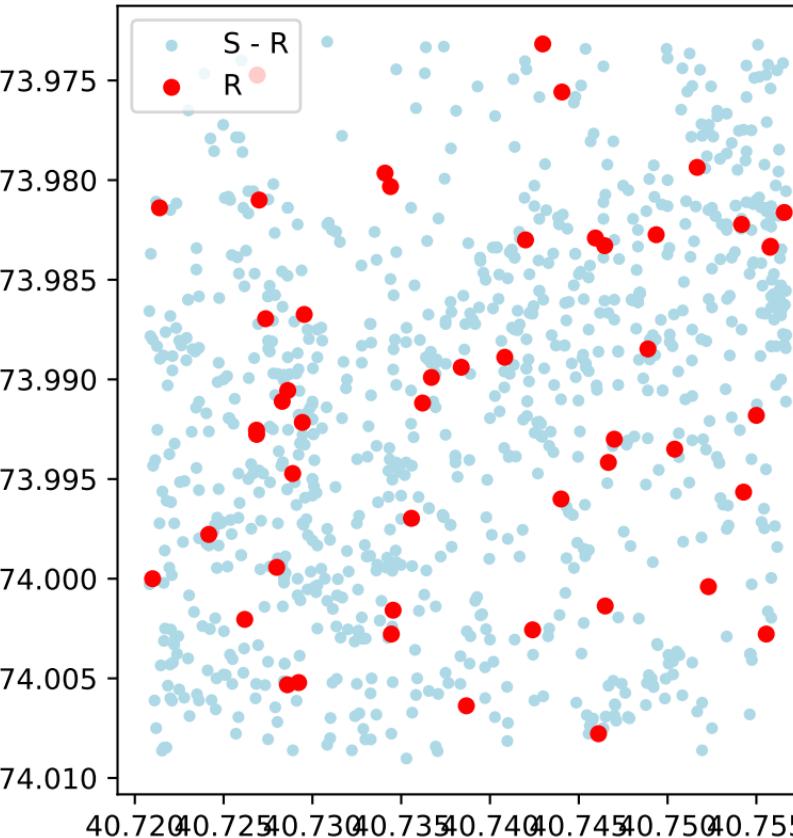
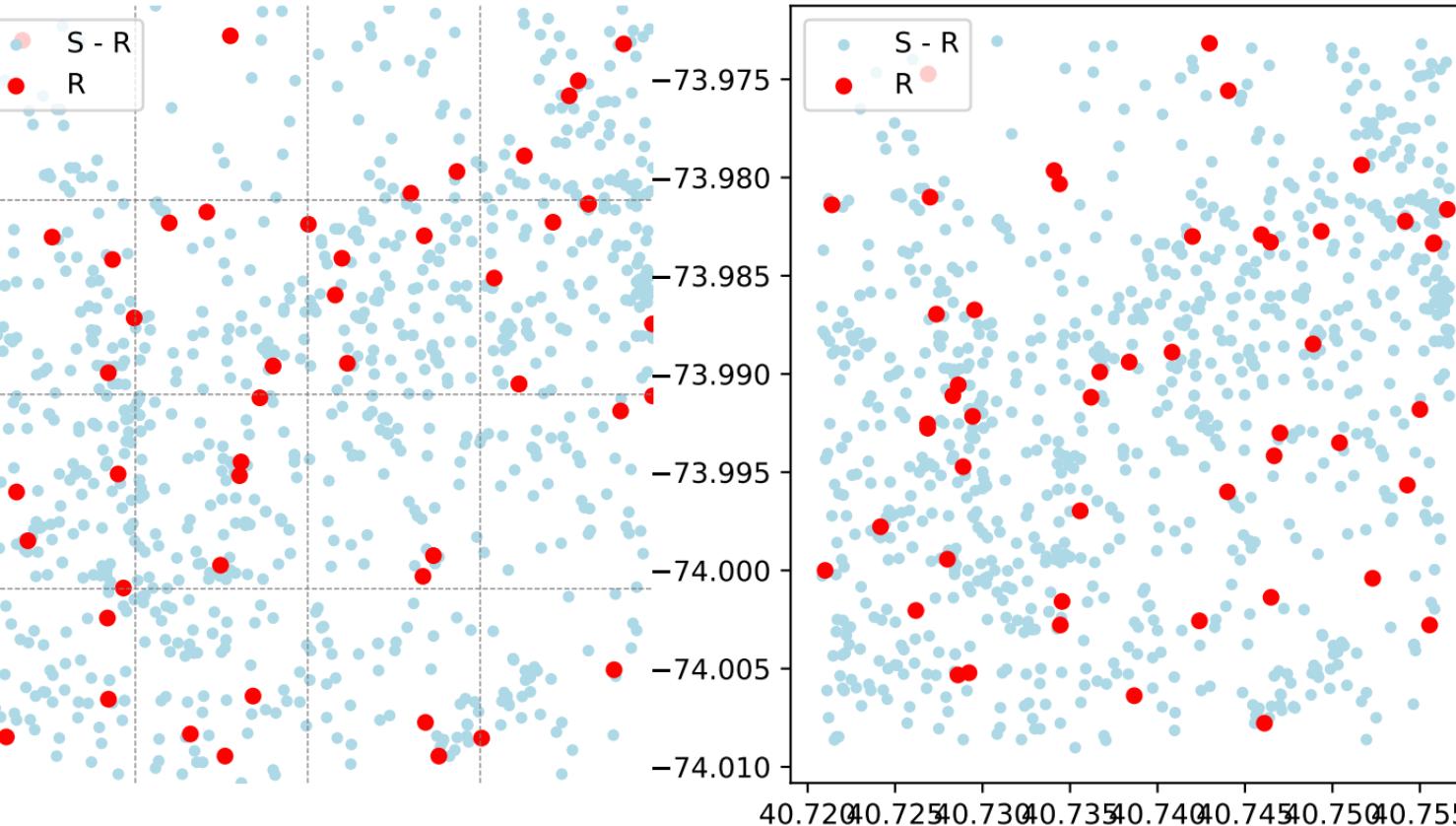
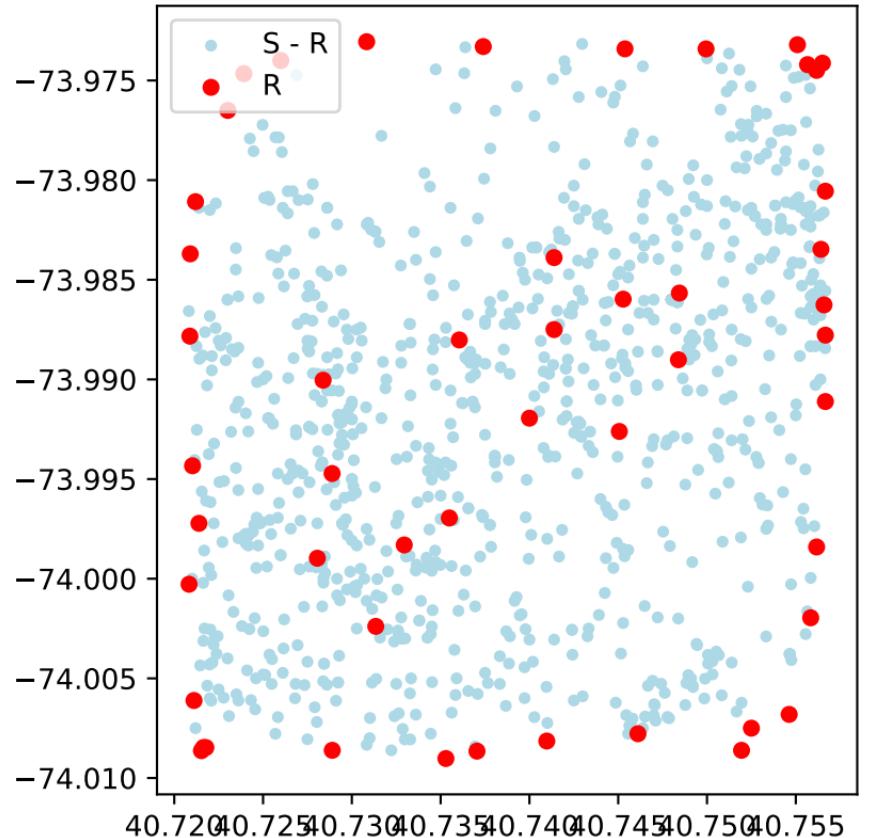


Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=50 | G=256 (16x16)
Baseline No R | Undersampling | Ours Sampling

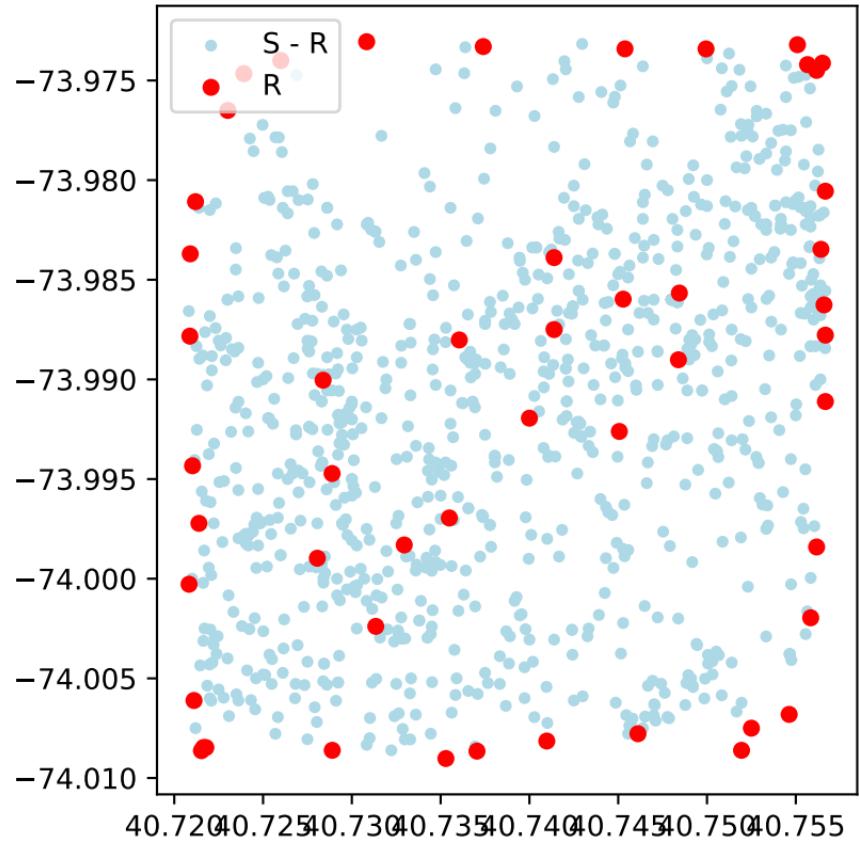




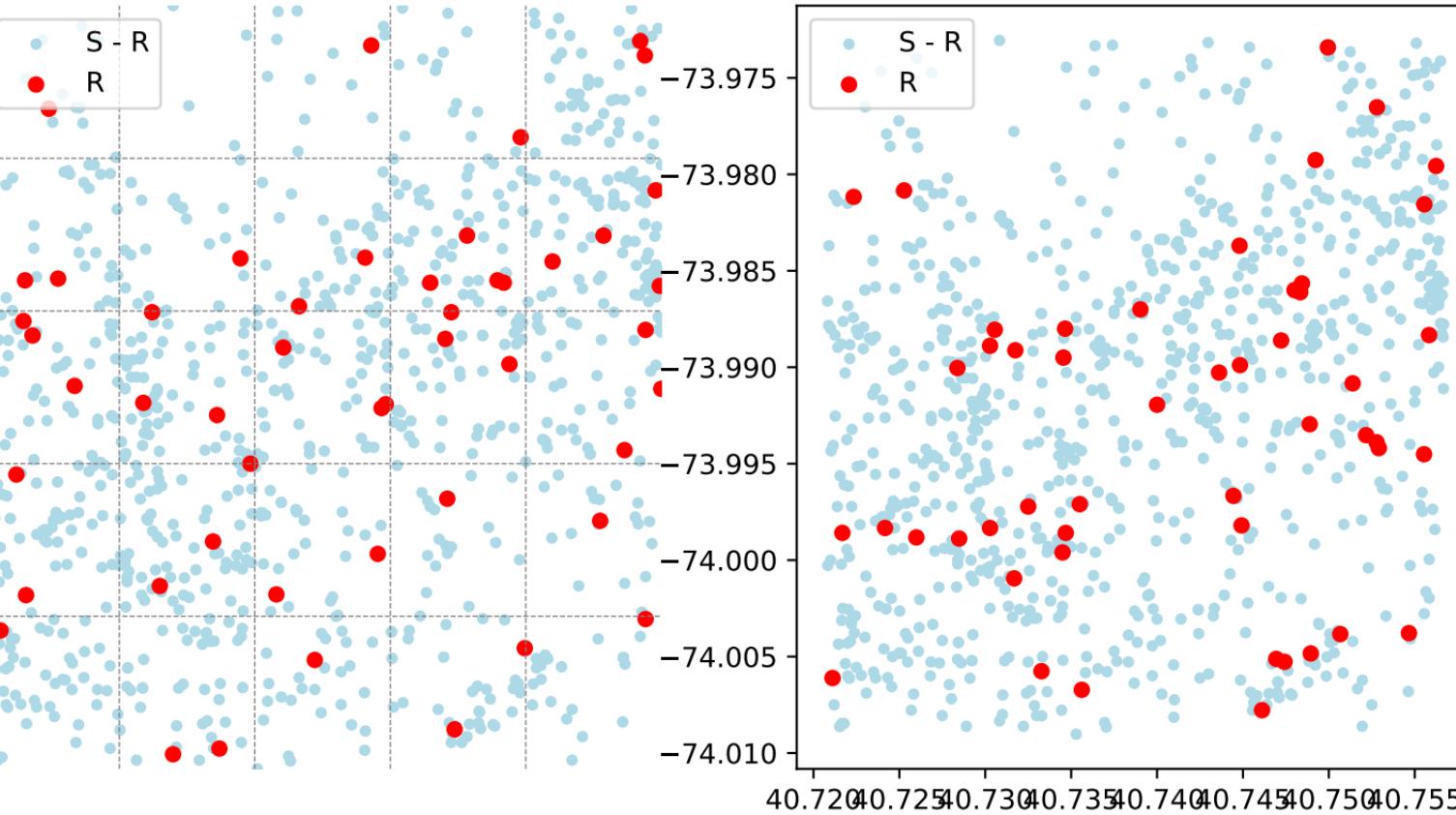
Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=50 | G=16 (4x4)



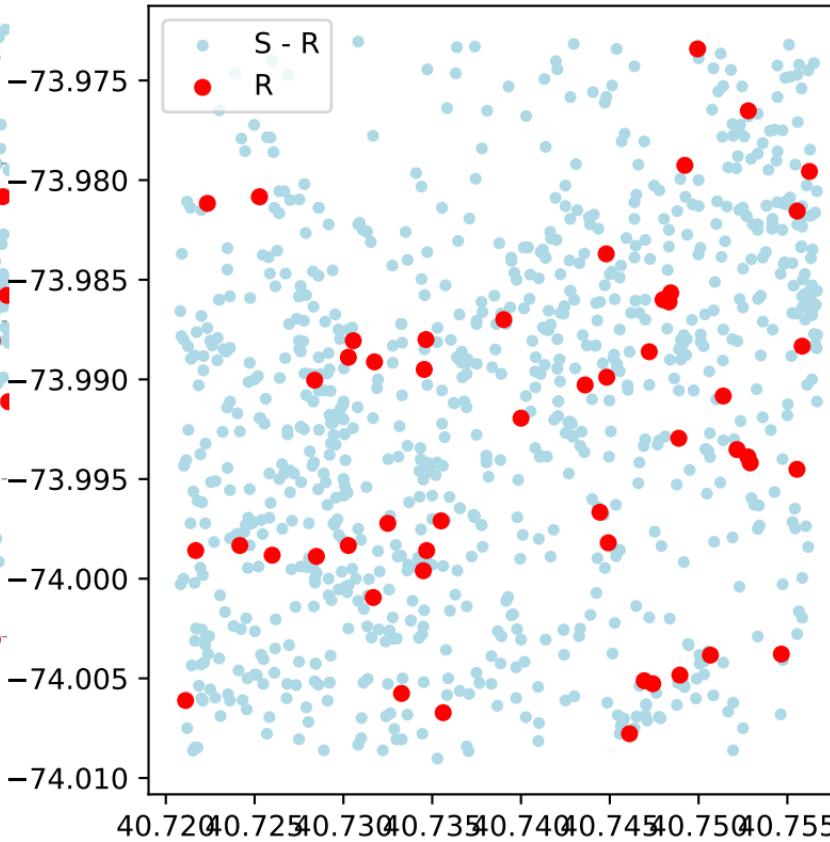
Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=50 | G=25 (5x5)
Baseline No R
Score: 12267.8246



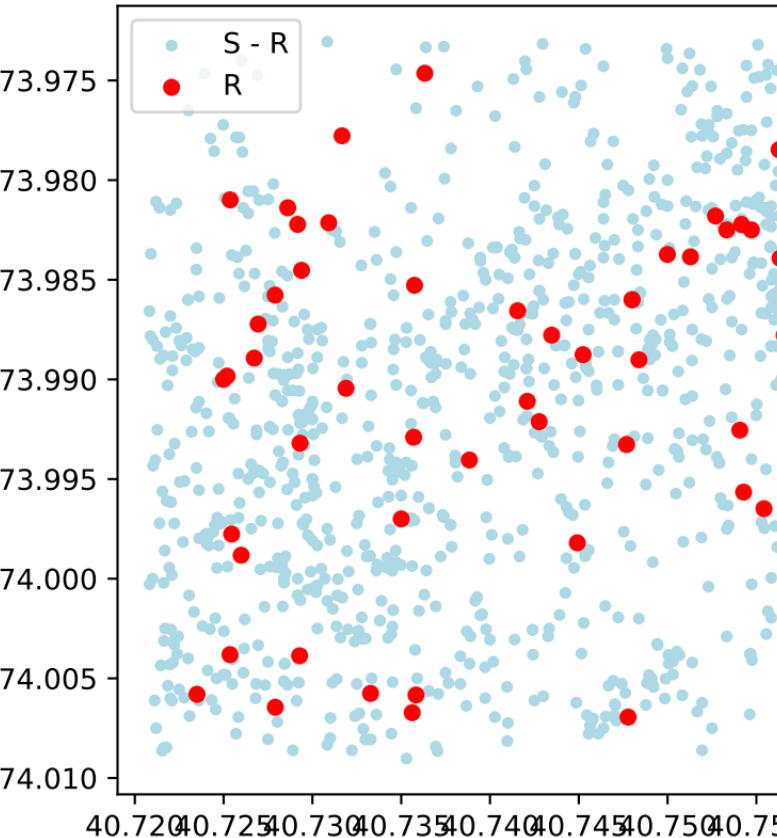
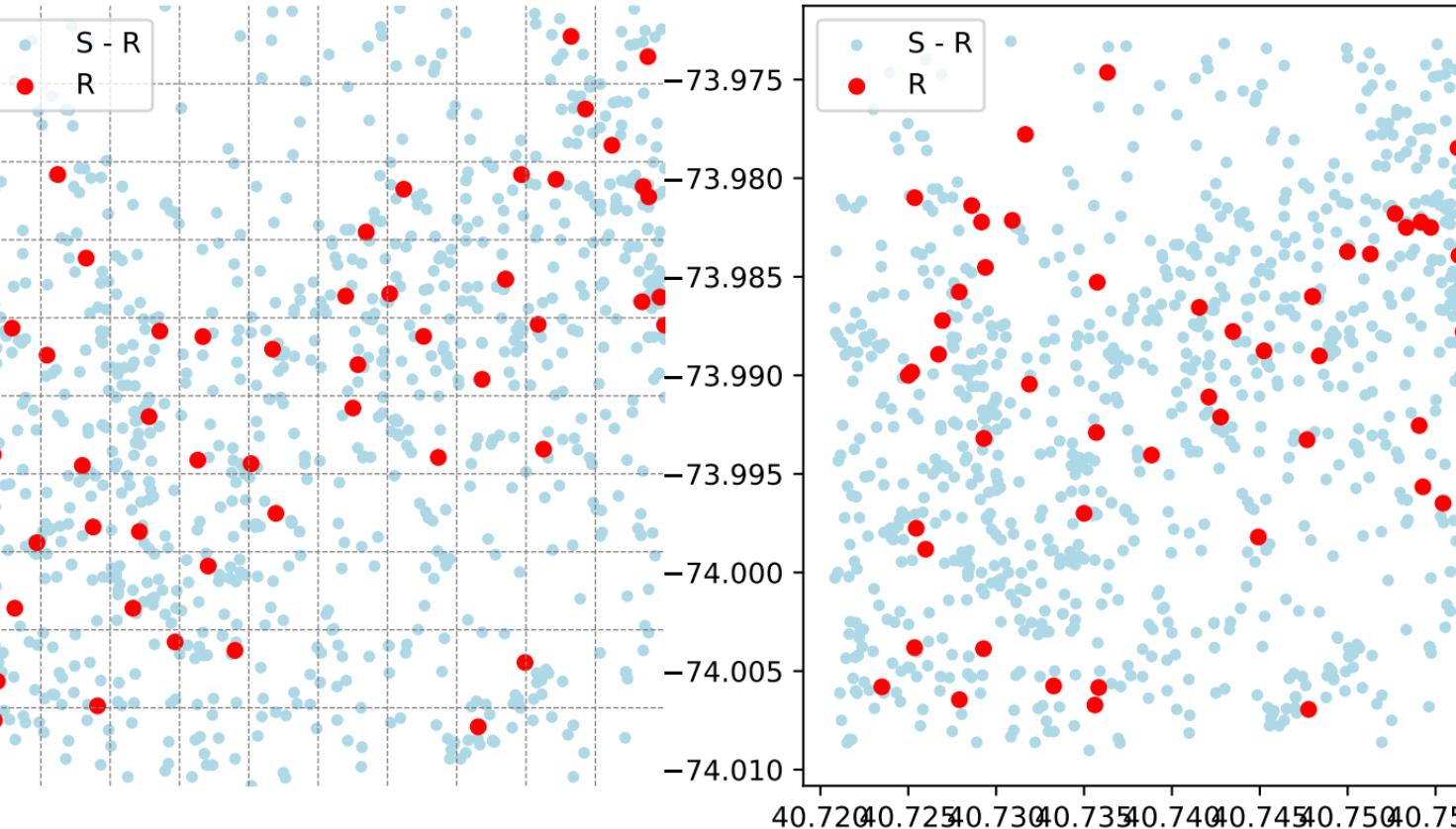
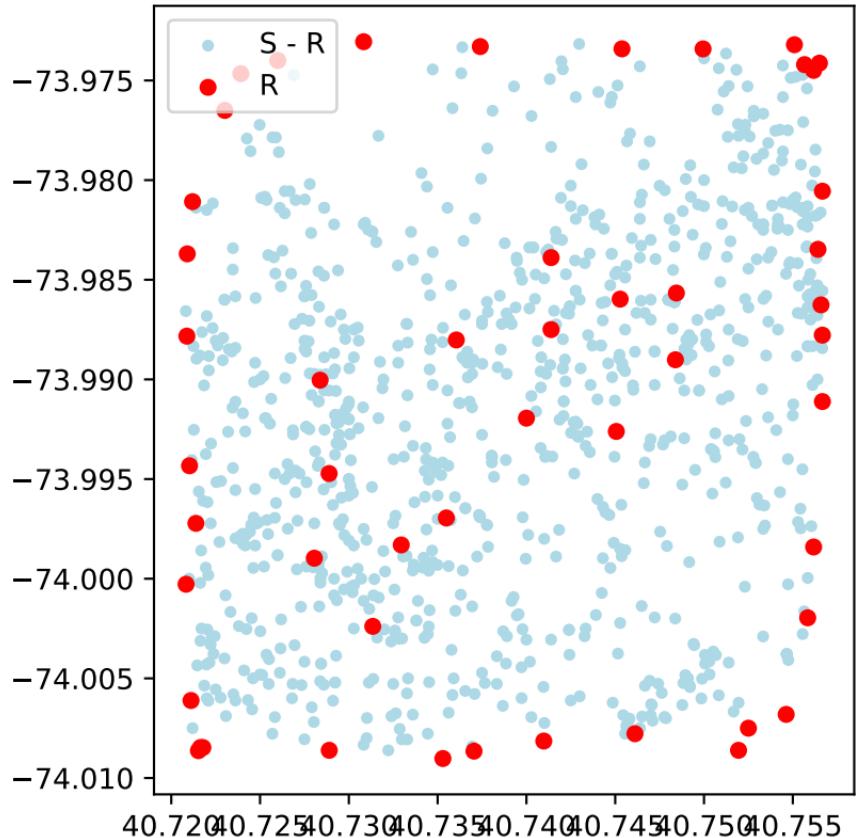
Grid Sampling
Score: 11786.8163



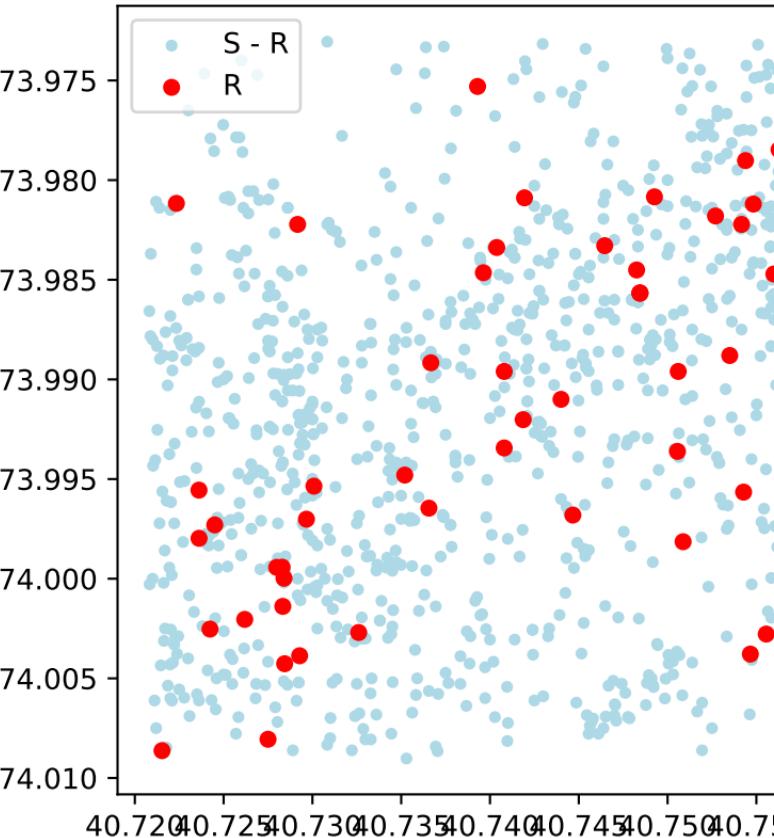
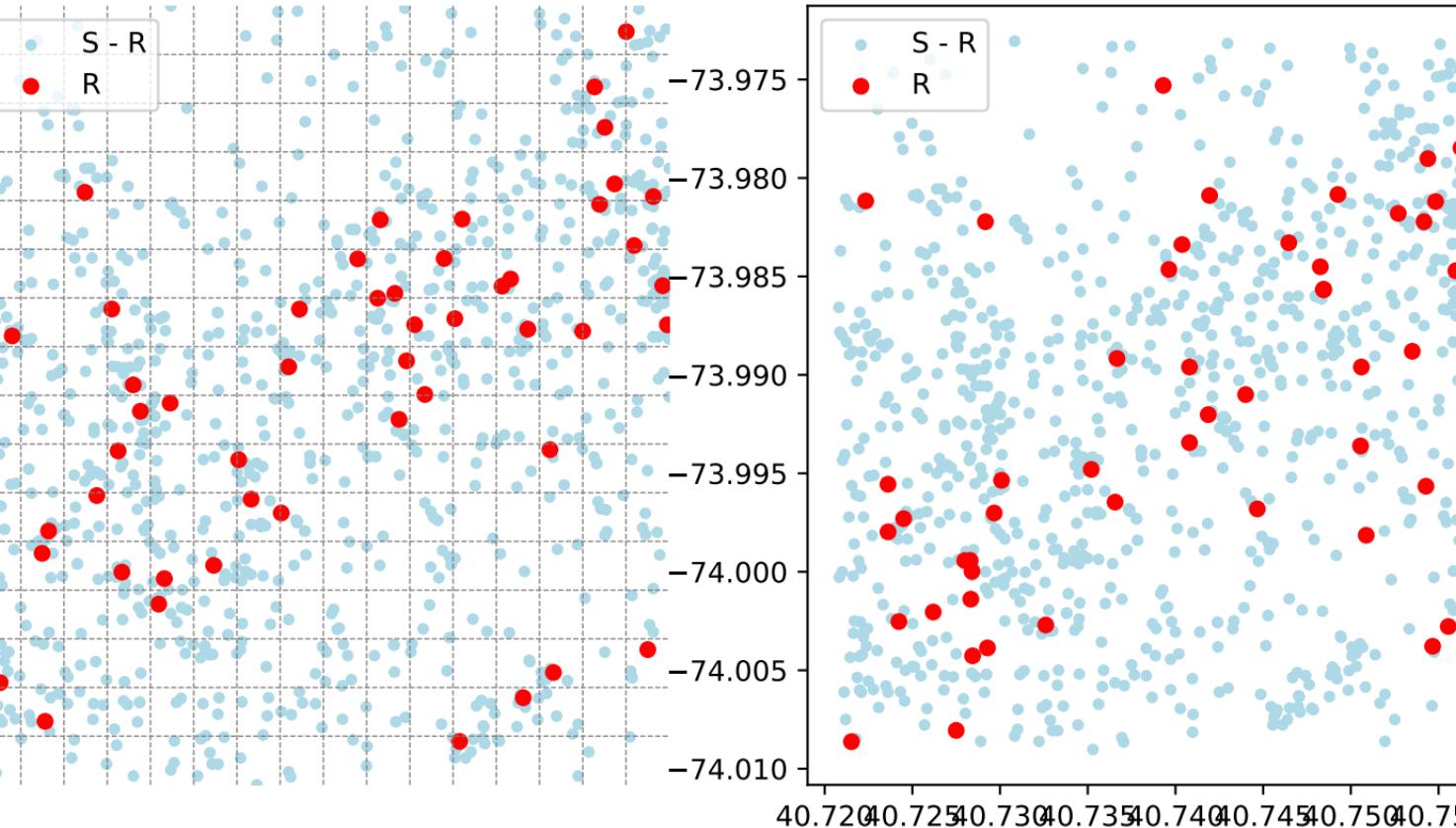
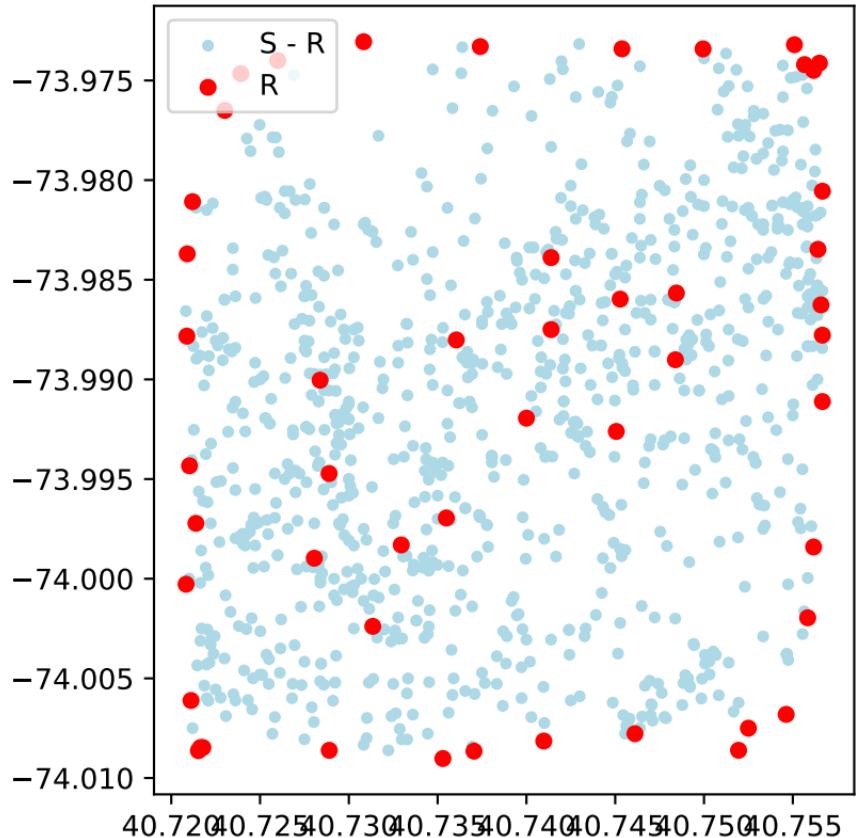
Sampling
Score: 11499.9494

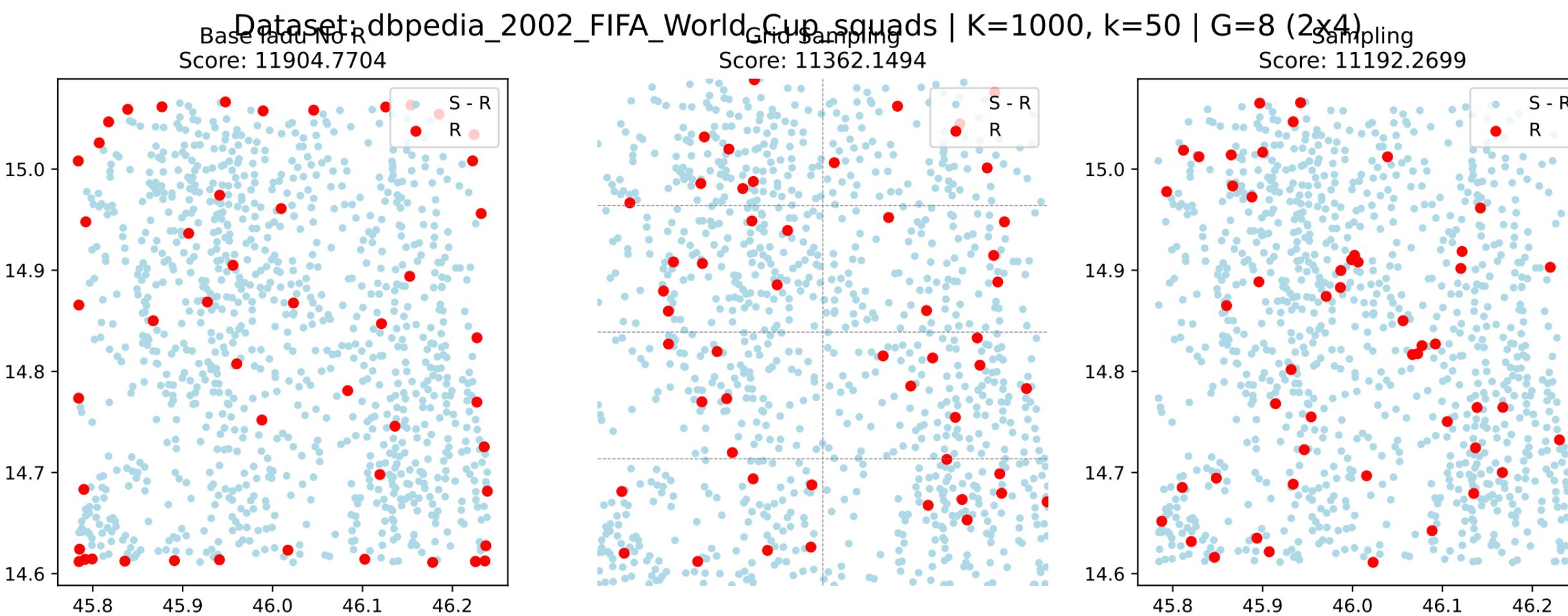


Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=50 | G=100 (10x10)
Baseline No R | UndSampling | Sampling
Score: 12267.8246 Score: 11658.6809 Score: 11633.7721

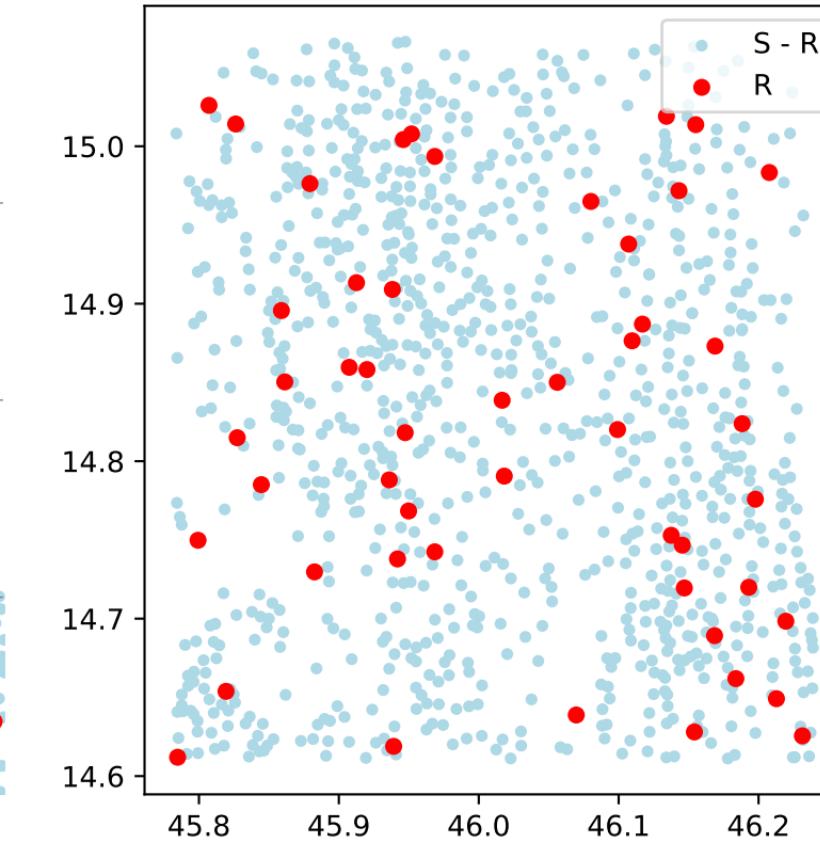
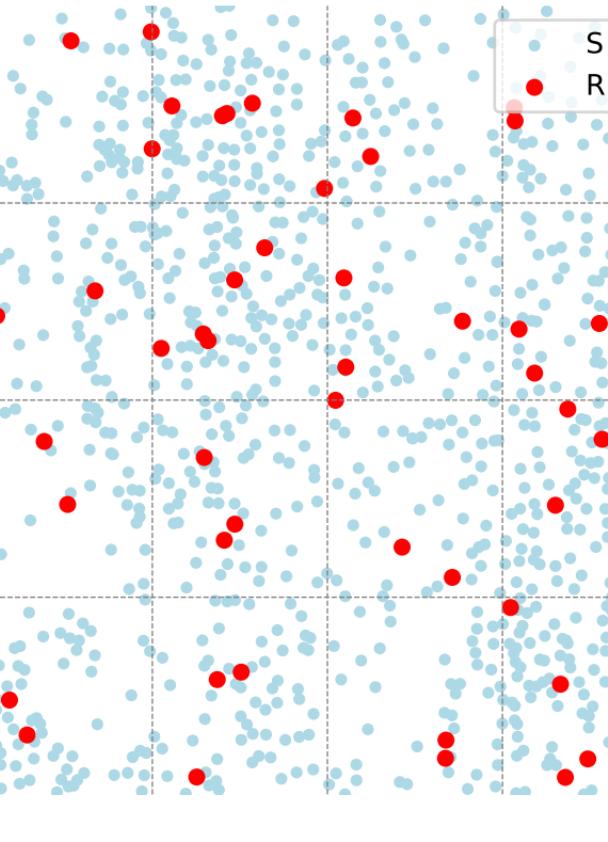
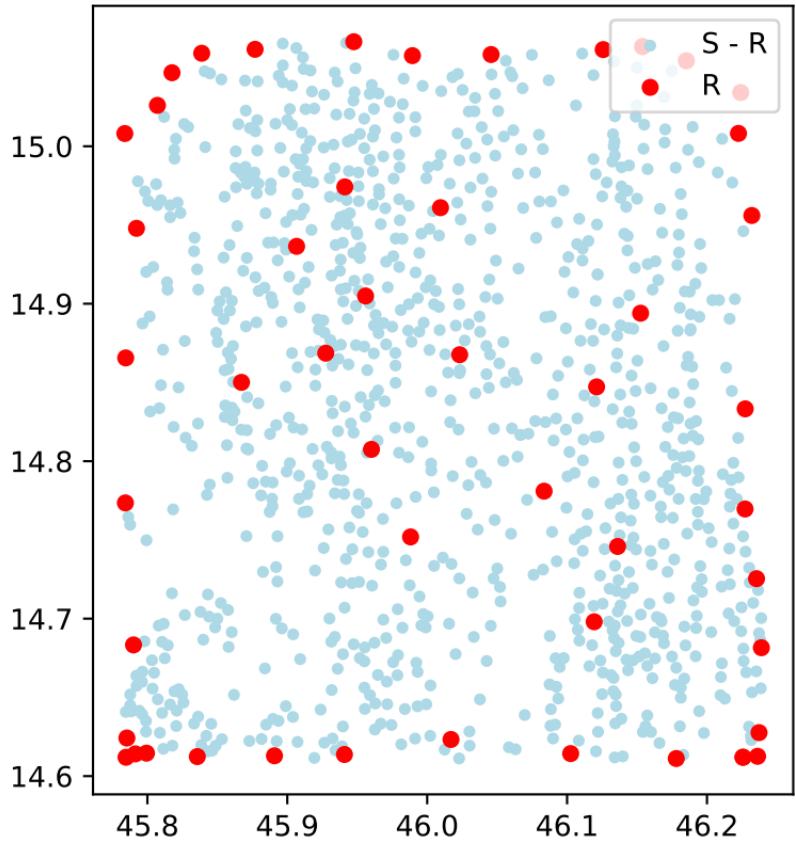


Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=50 | G=256 (16x16)
Baseline No Rnd Sampling | Rnd Sampling | Rnd Sampling
Score: 12267.8246 Score: 11458.9088 Score: 11643.2843

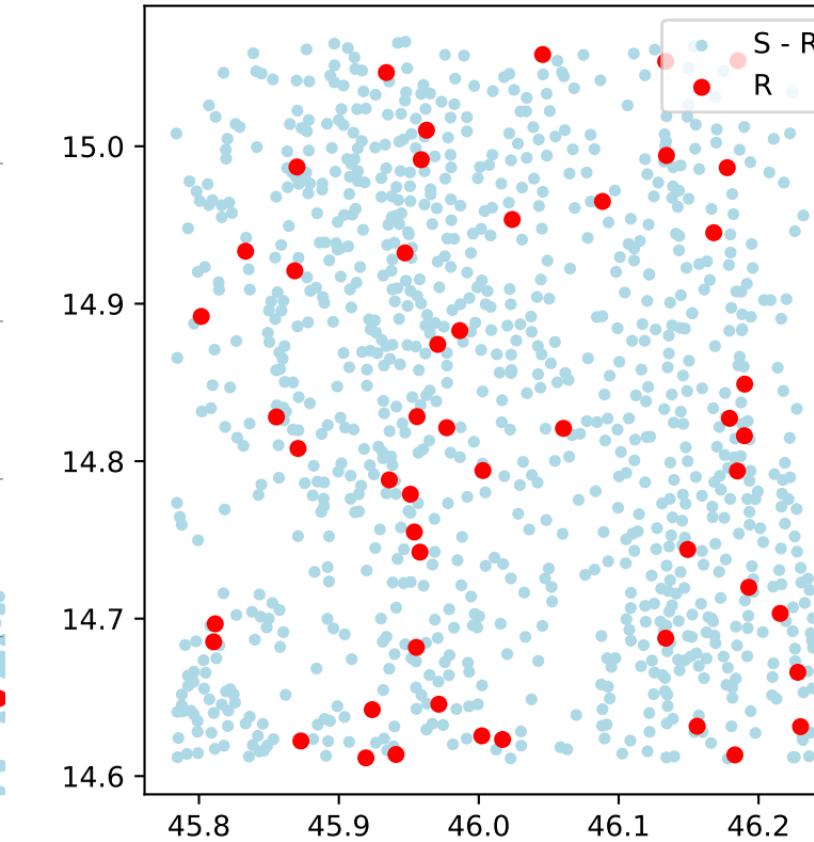
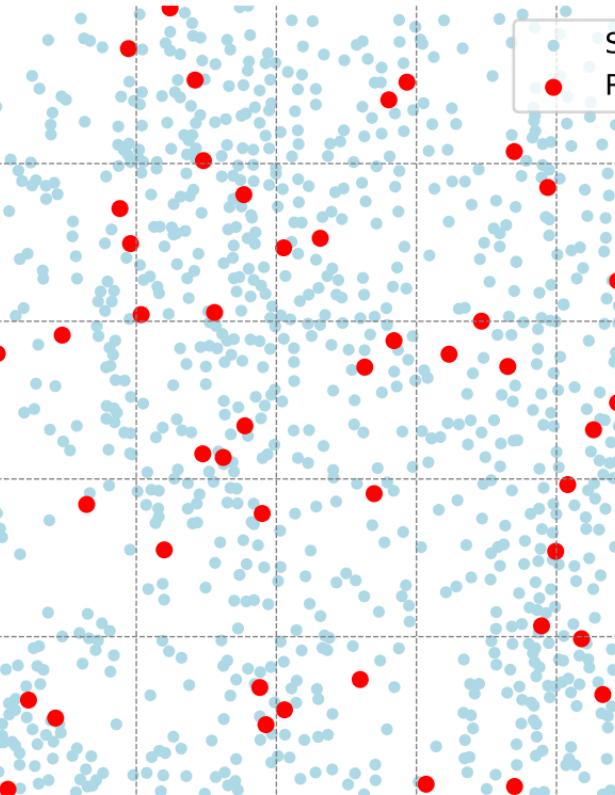
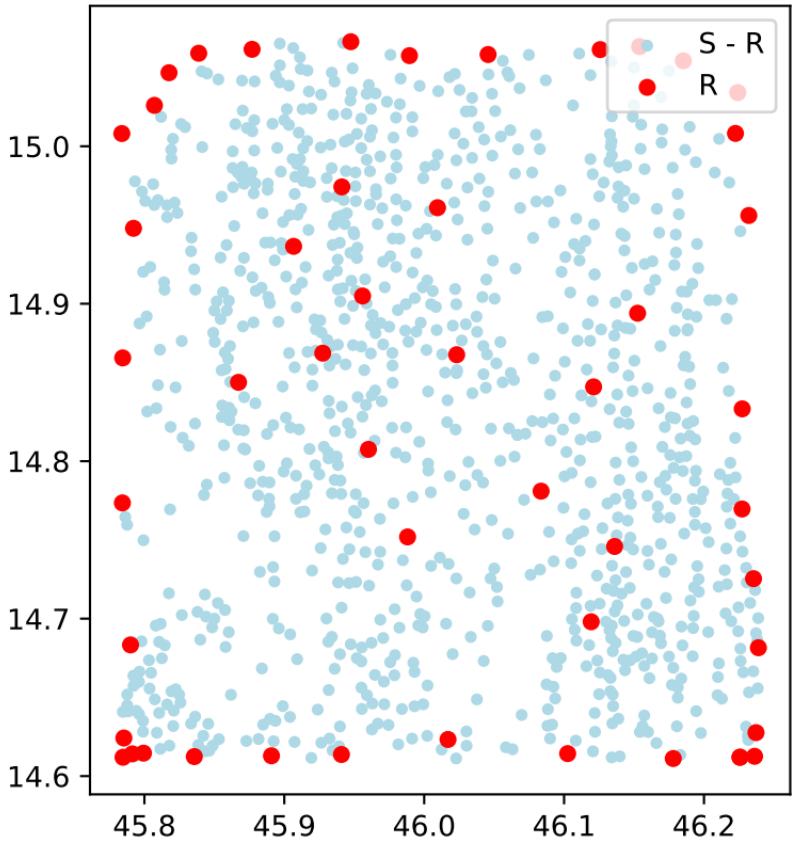




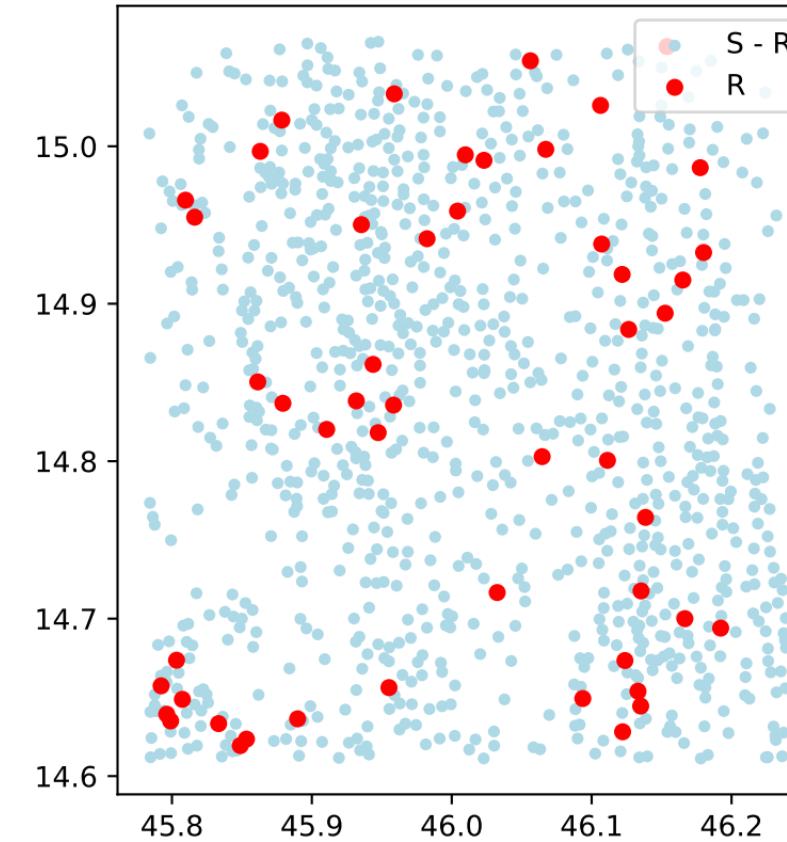
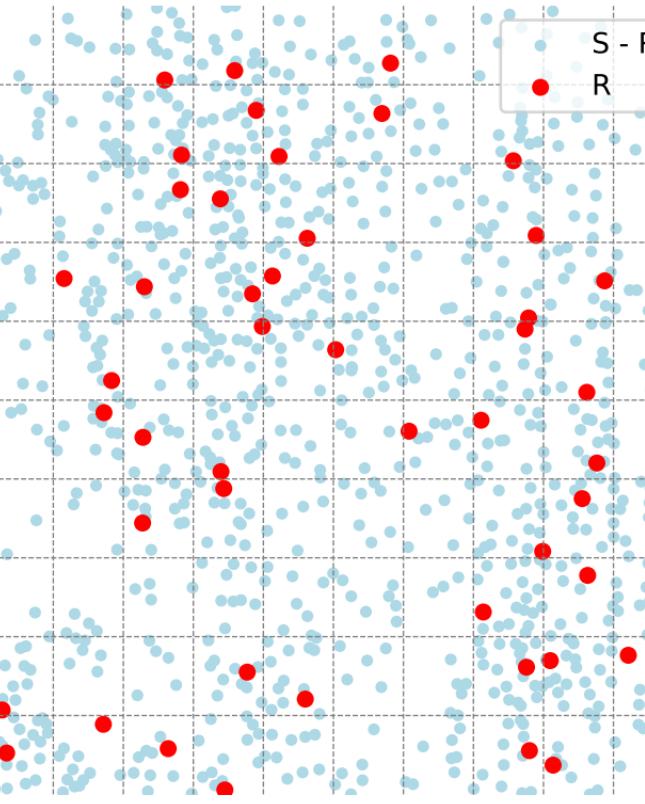
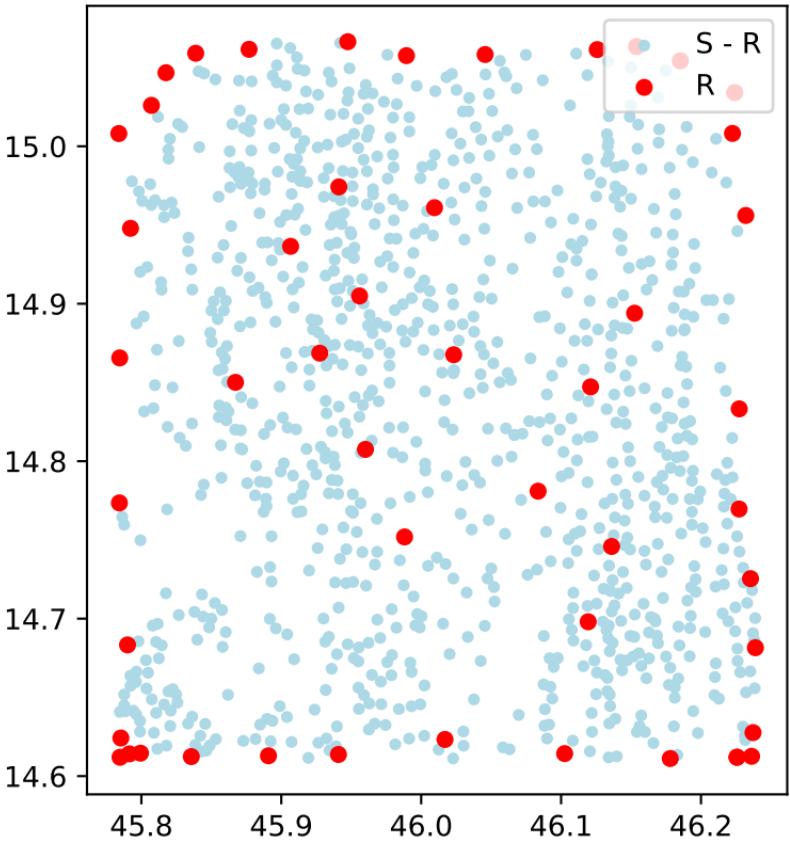
Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=50 | G=16 (4x4)



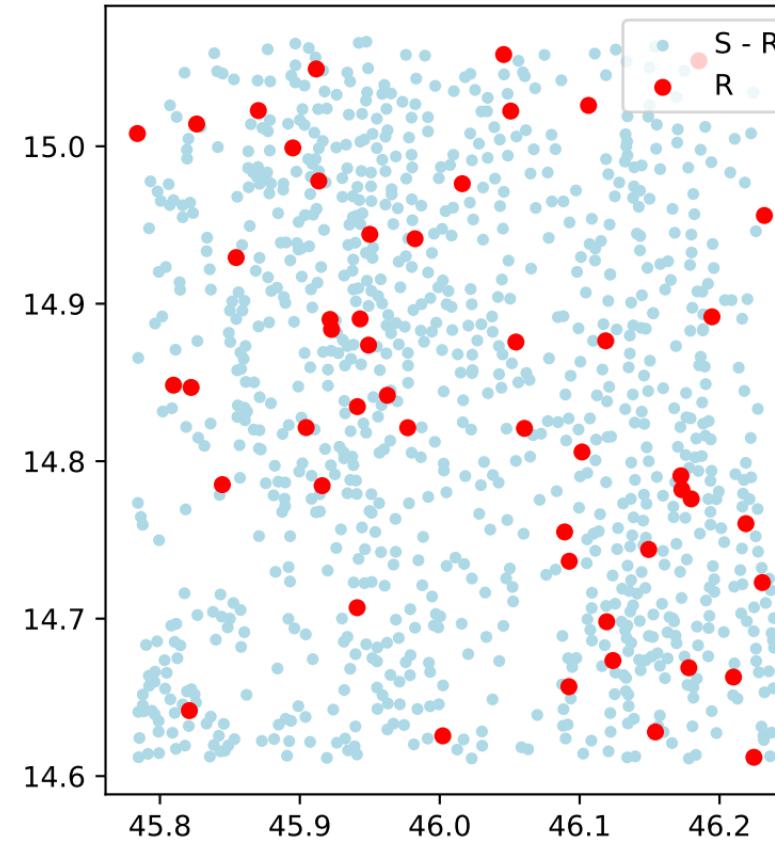
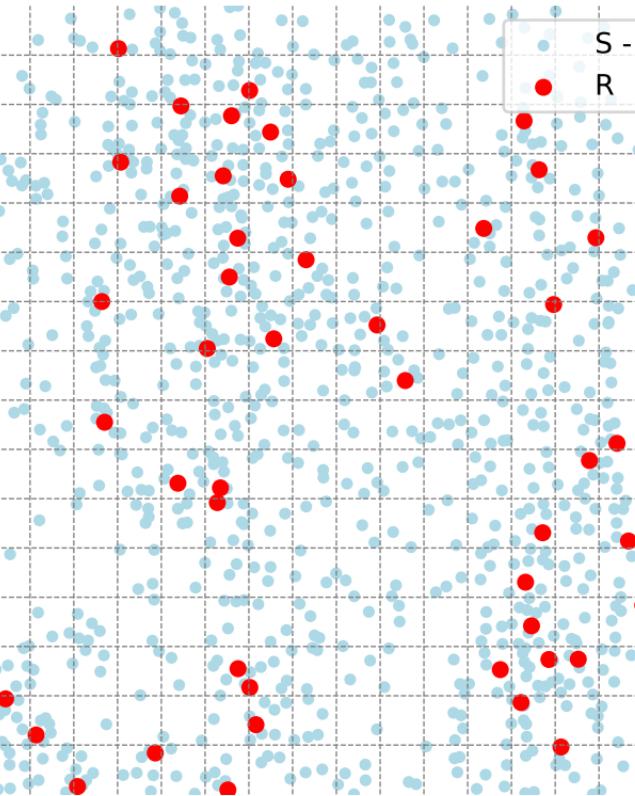
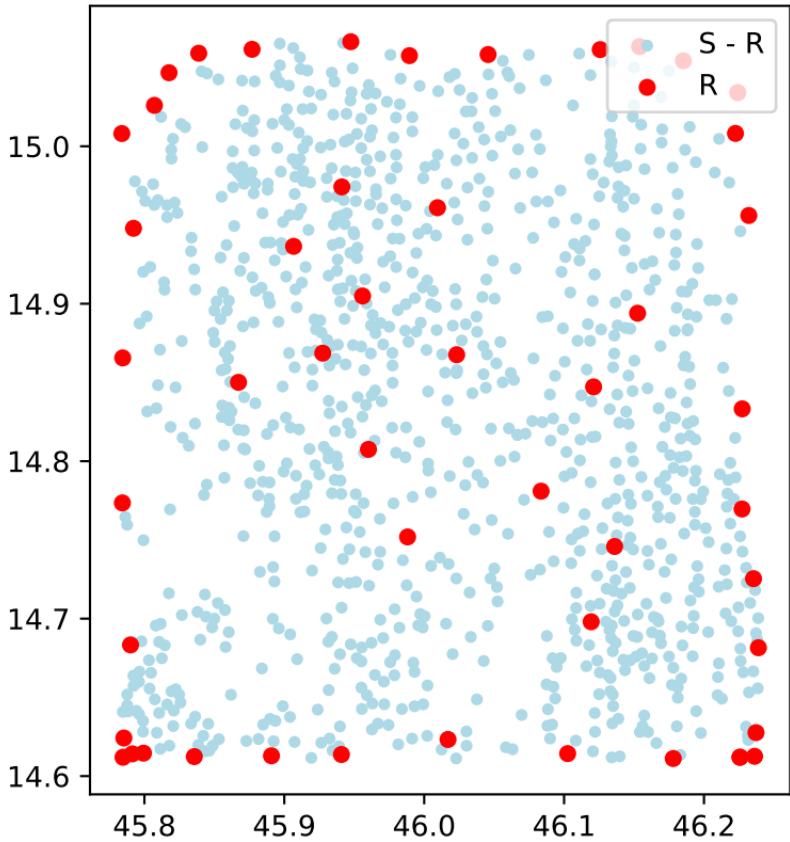
Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=50 | G=25 (5x5)
Baseline No R
Score: 11904.7704



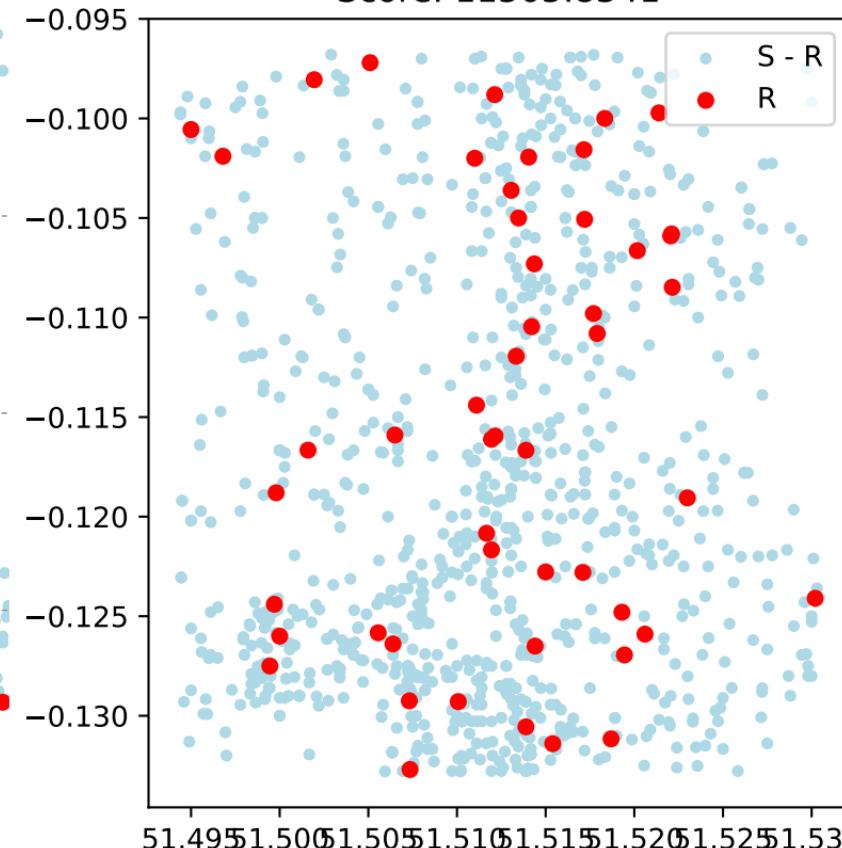
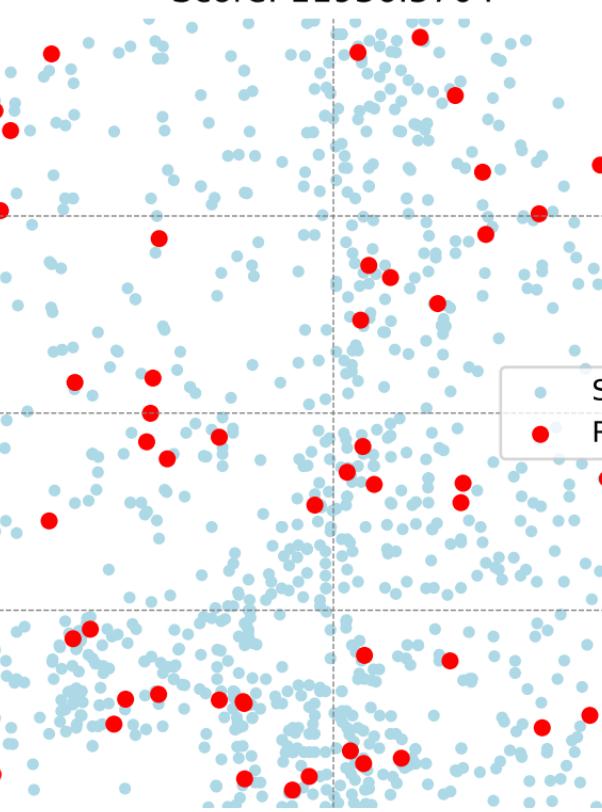
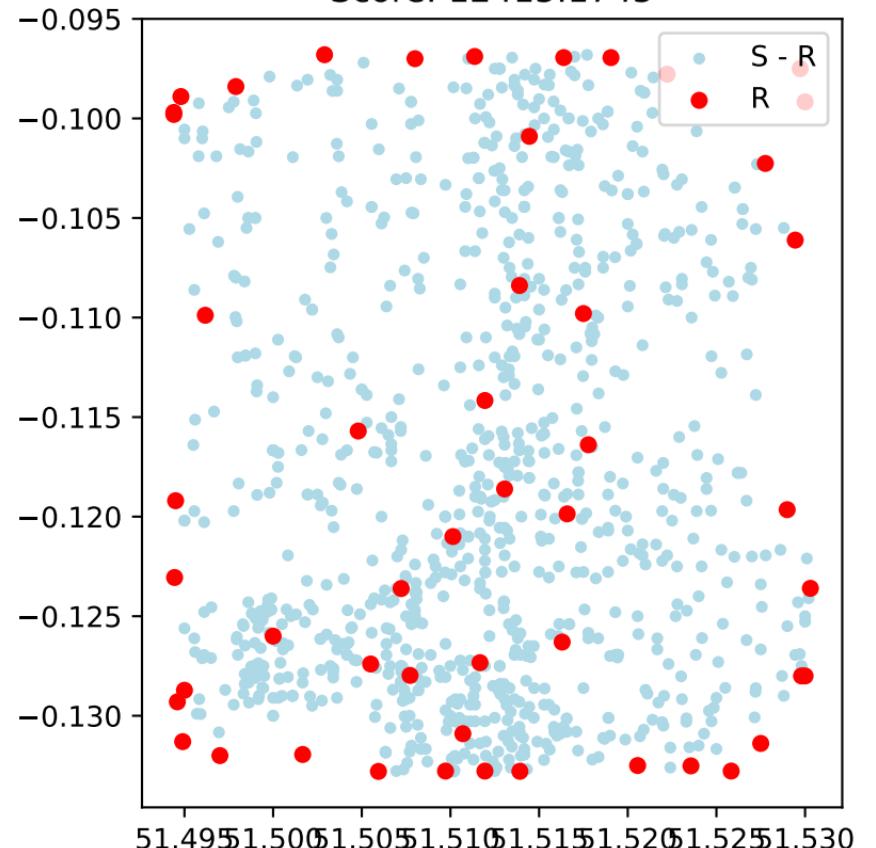
Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=50 | G=100 (10x10)
Baseline No R | UndSampling | Sampling
Score: 11904.7704 Score: 11295.5912 Score: 11432.5860



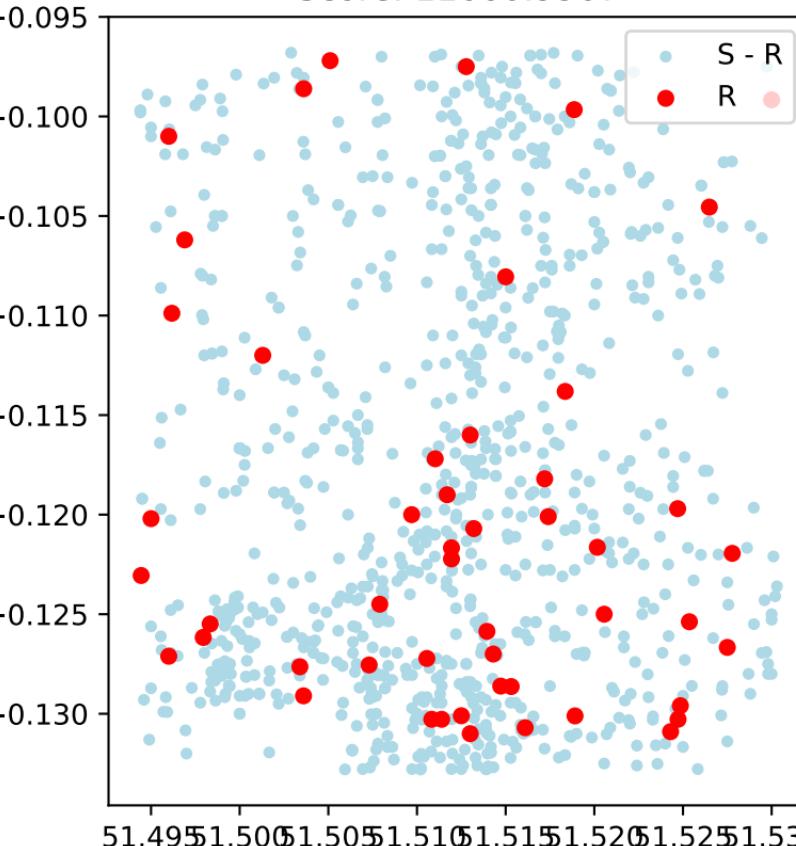
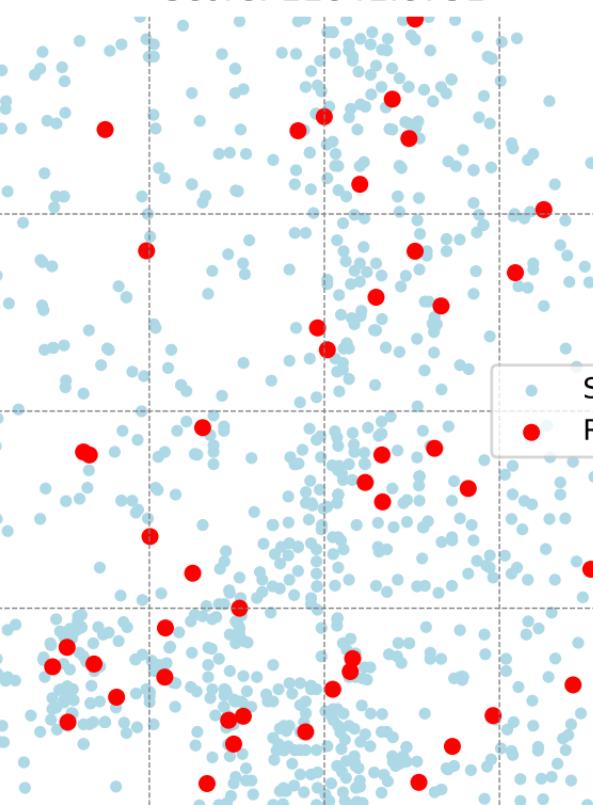
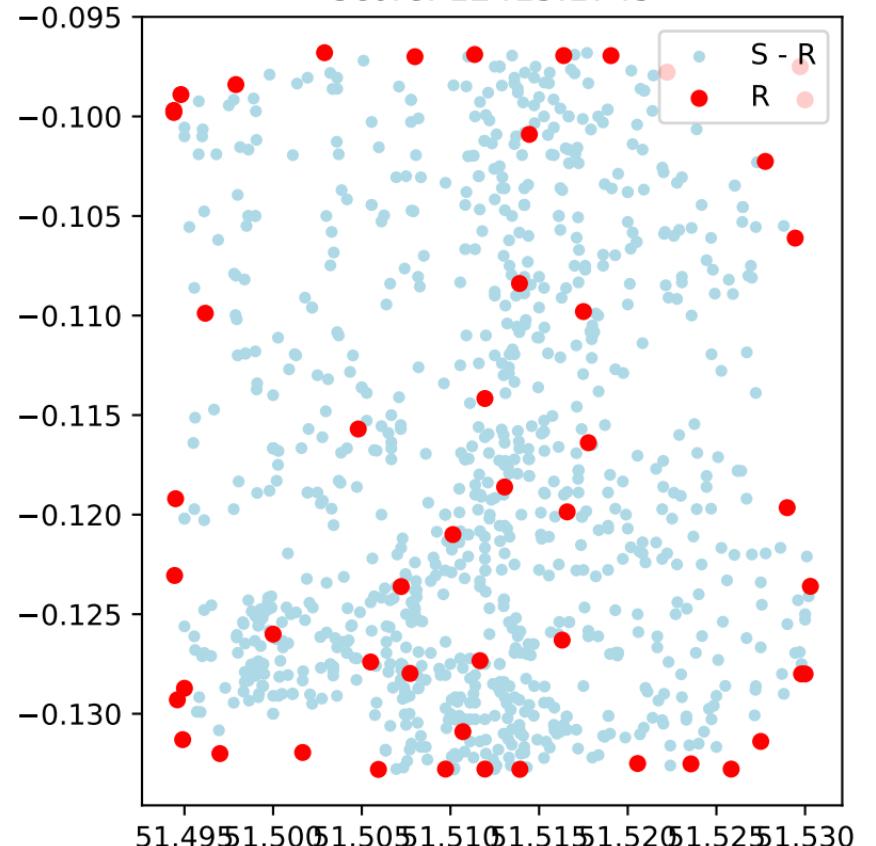
Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=50 | G=256 (16x16)
Baseline No R | UndSampling | Sampling
Score: 11904.7704



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=50 | G=8 (2x4)

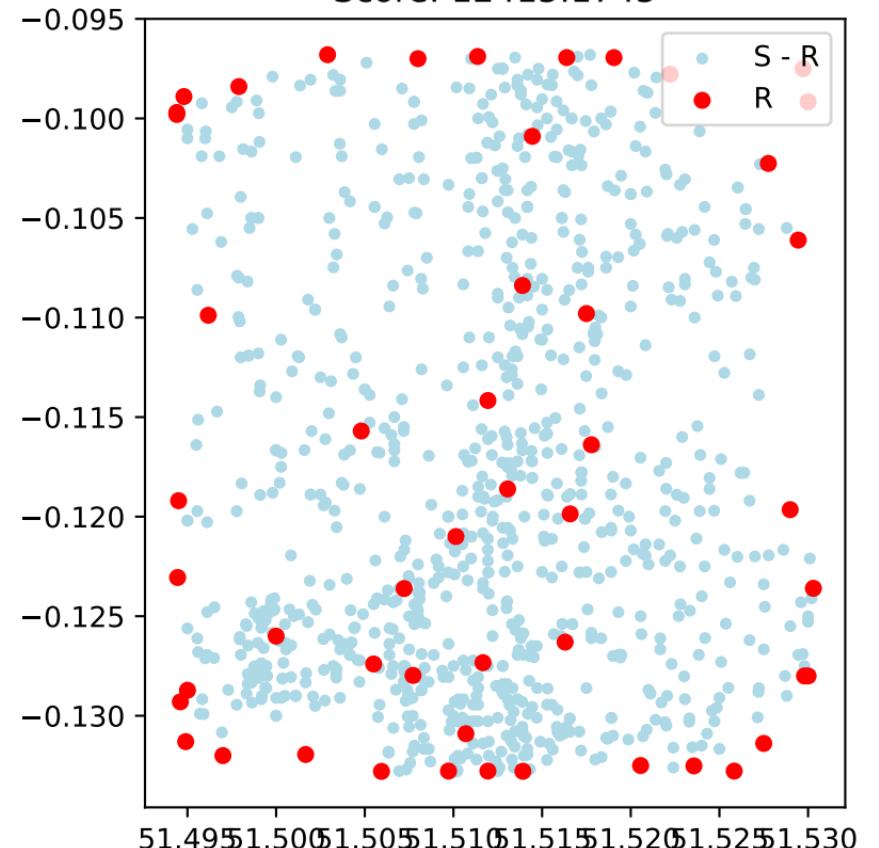


Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=50 | G=16 (4x4)

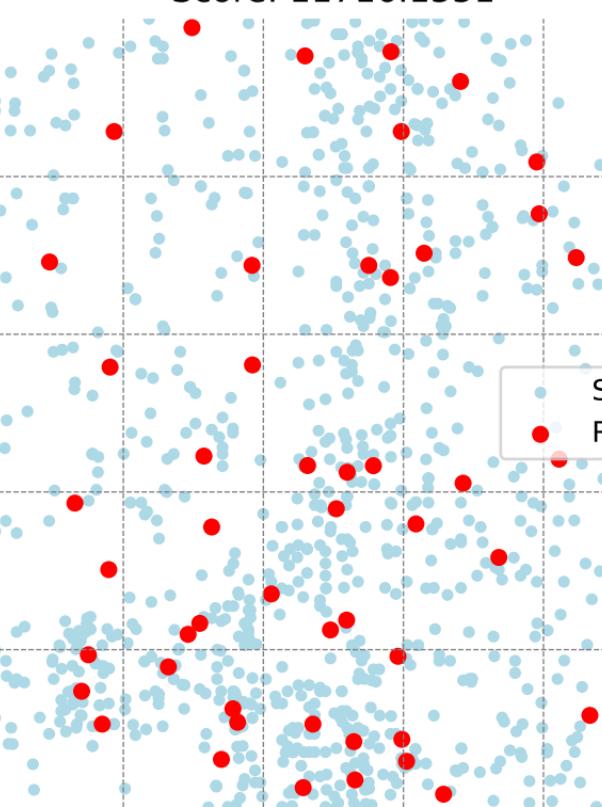


Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=50 | G=25 (5x5)

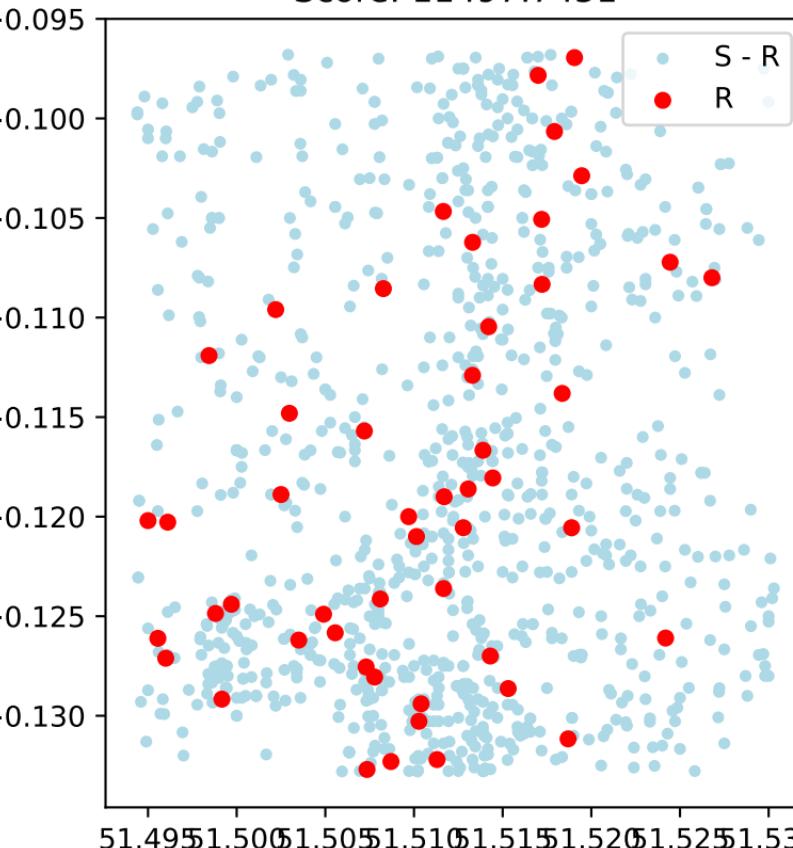
Baseline No R
Score: 12415.1745



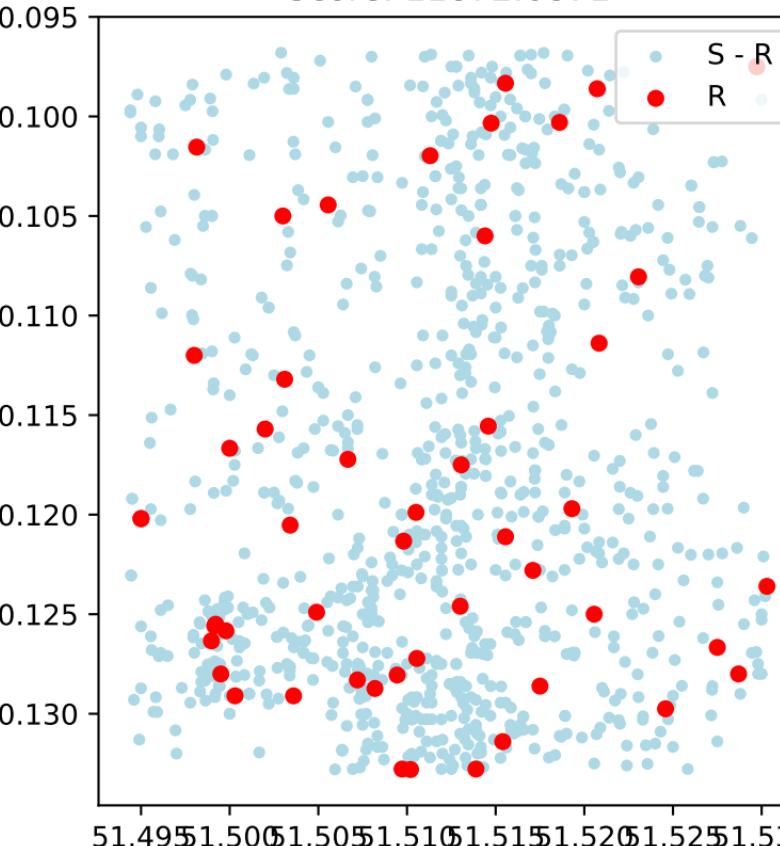
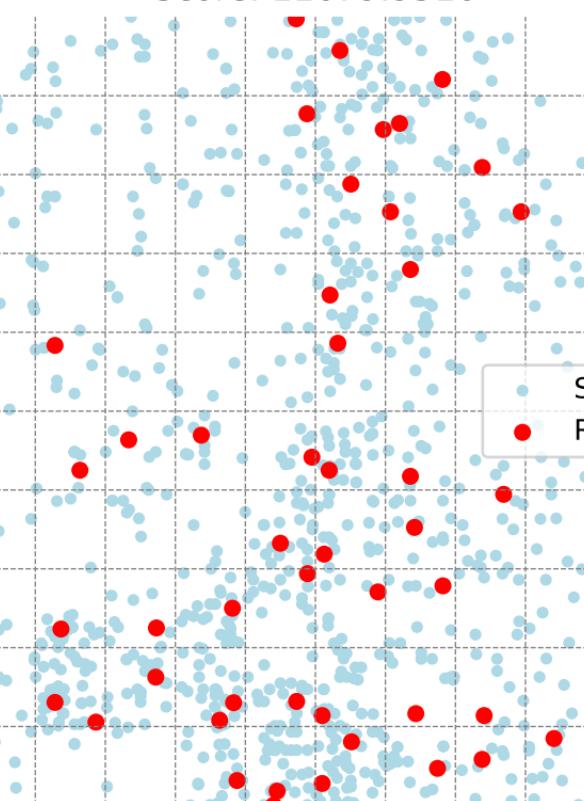
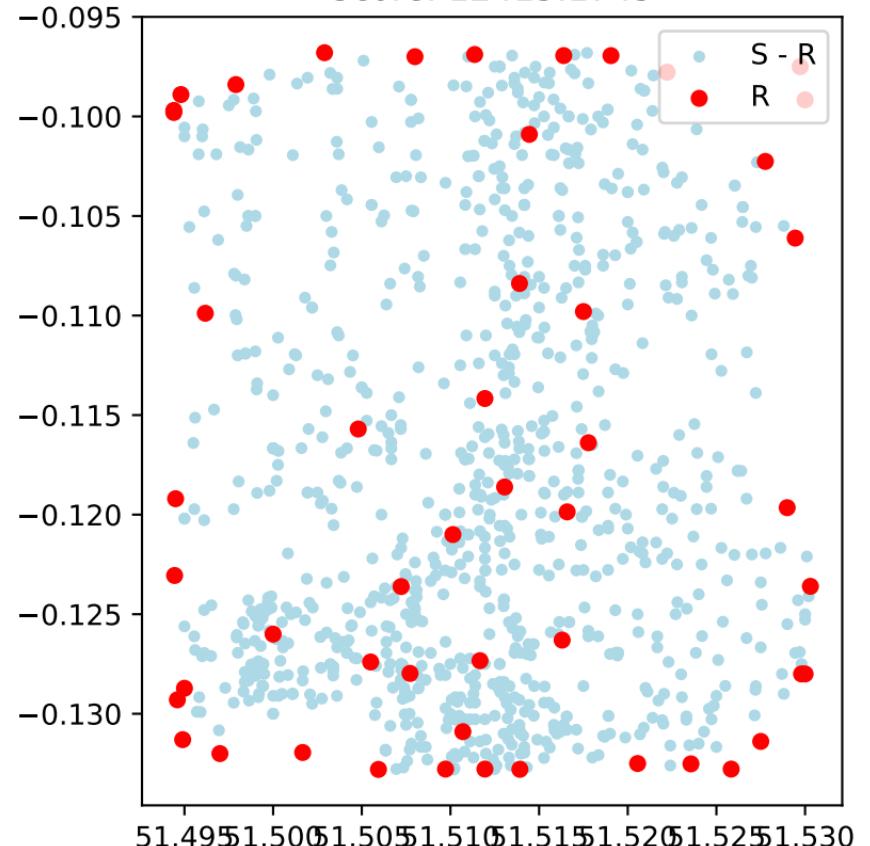
Grid Sampling
Score: 11716.1551



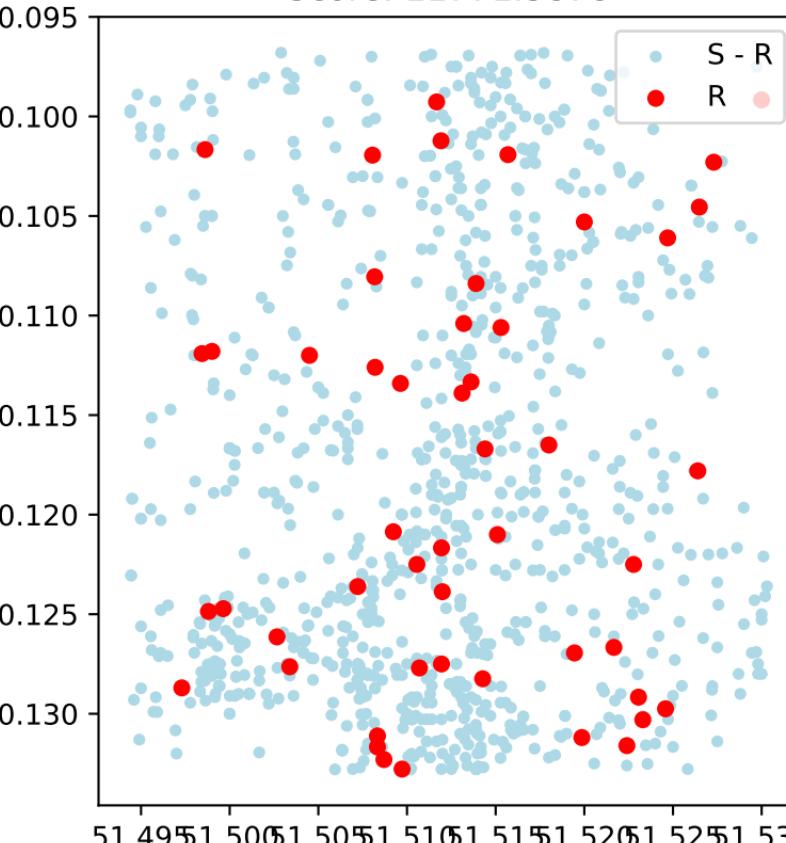
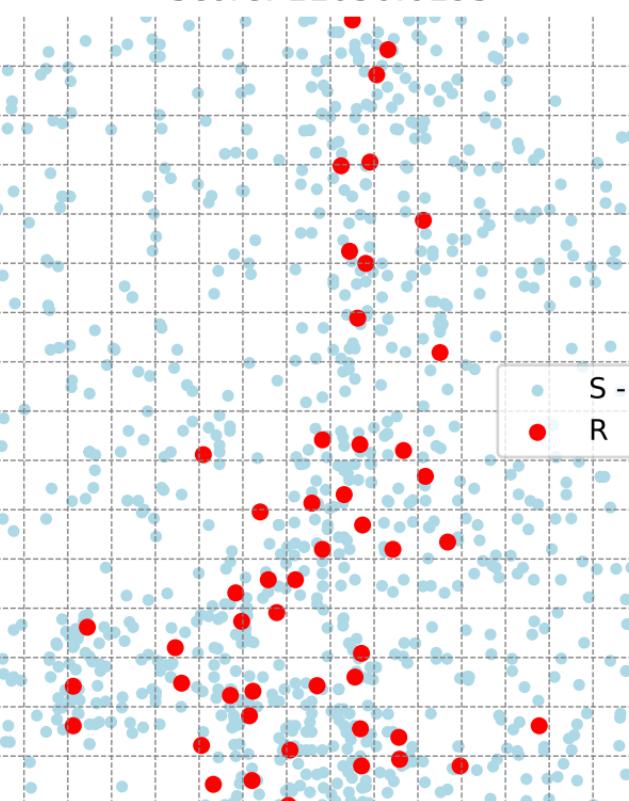
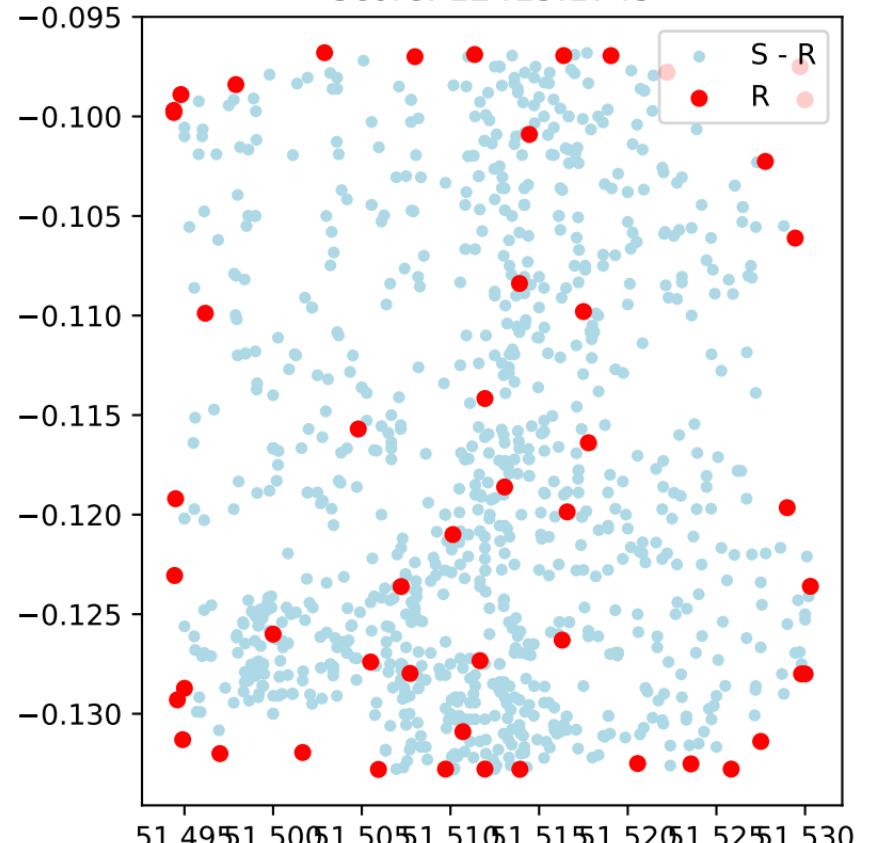
Sampling
Score: 11497.7451



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=50 | G=100 (10x10)



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=50 | G=256 (16x16)

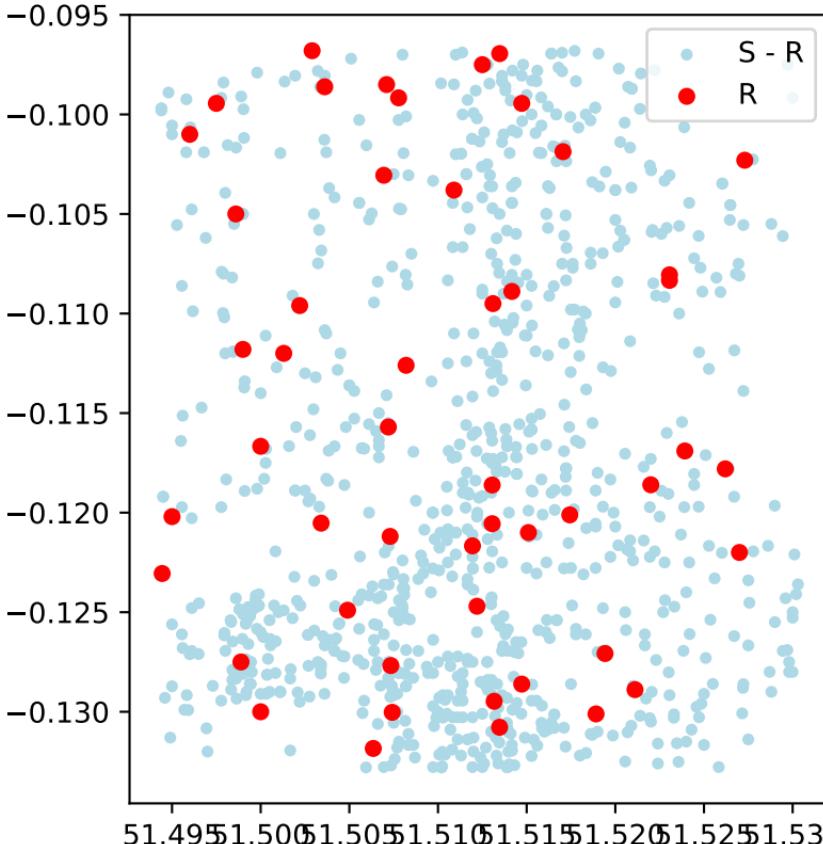
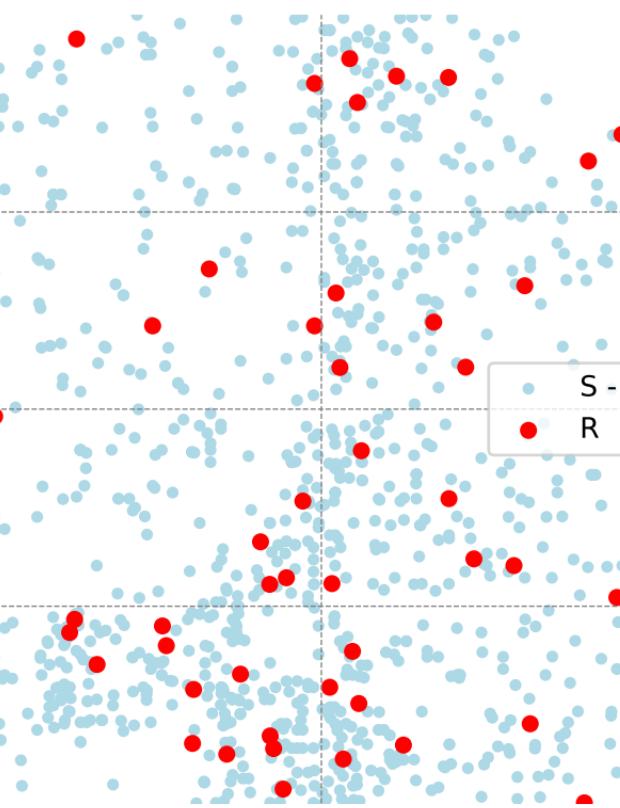
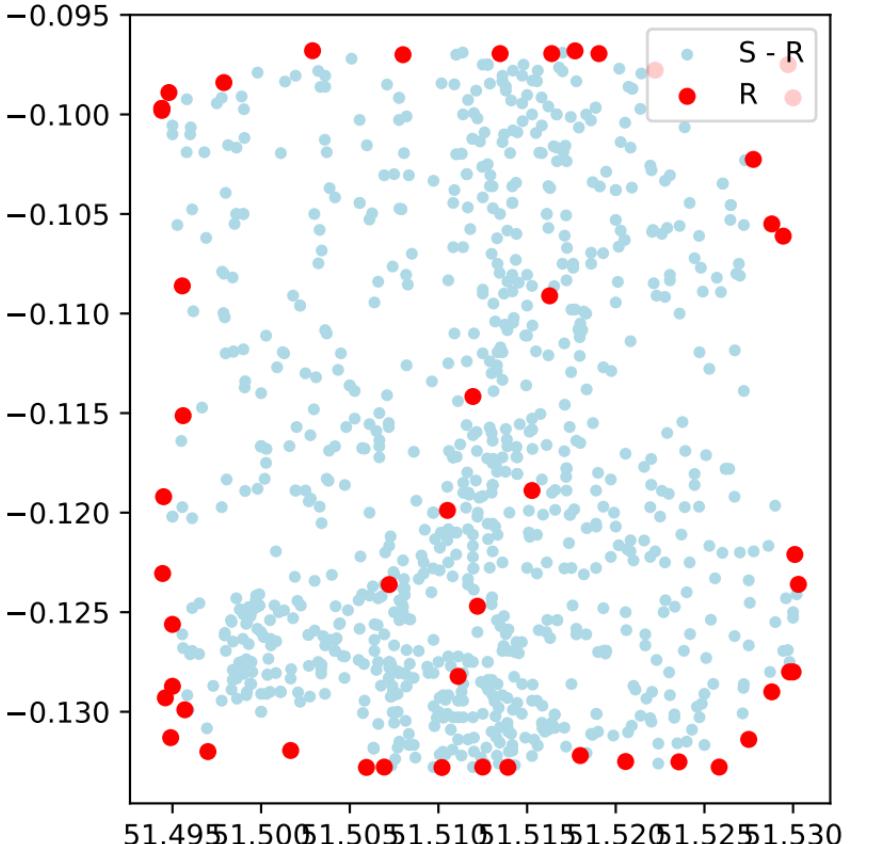


Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=50 | G=8 (2x4)

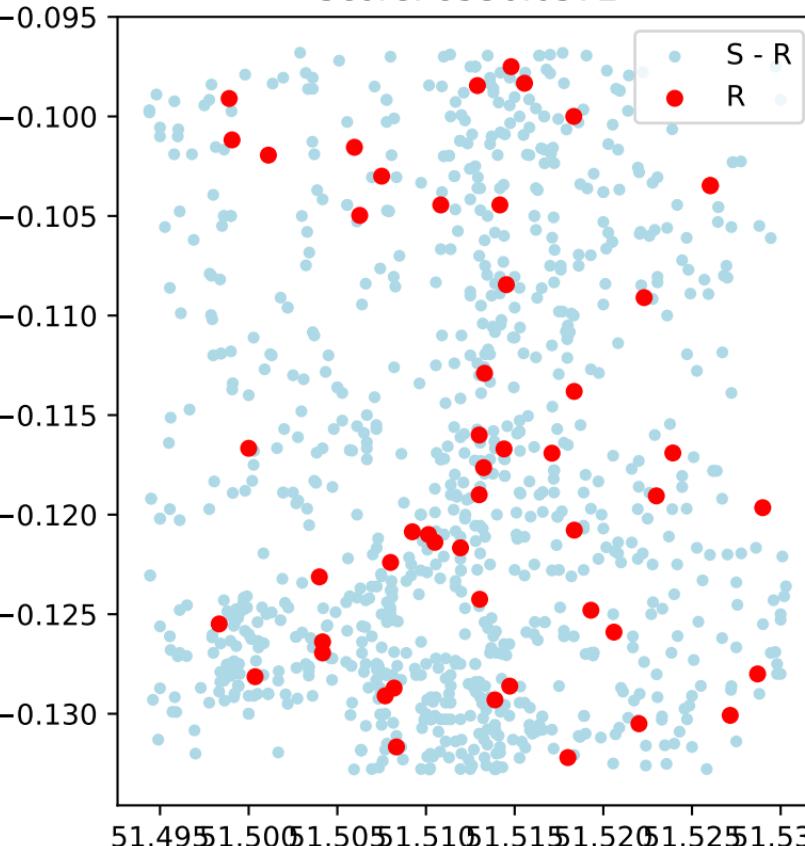
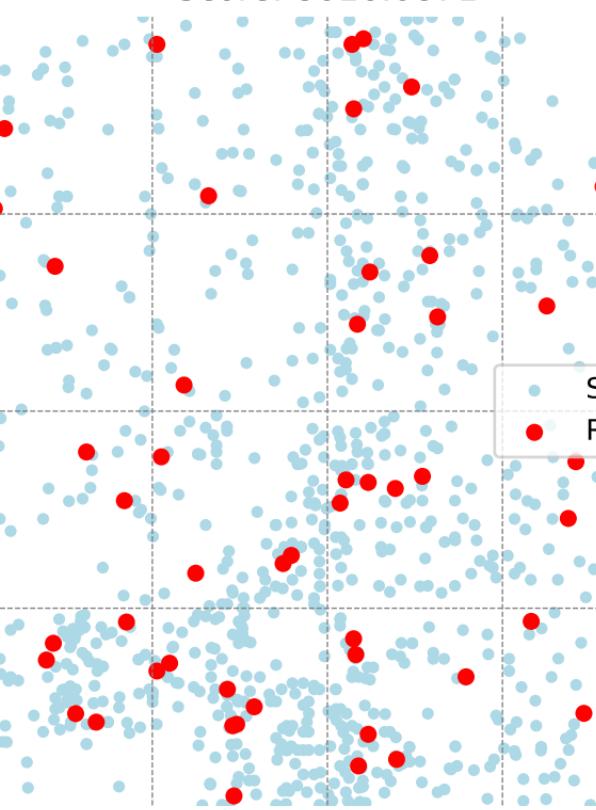
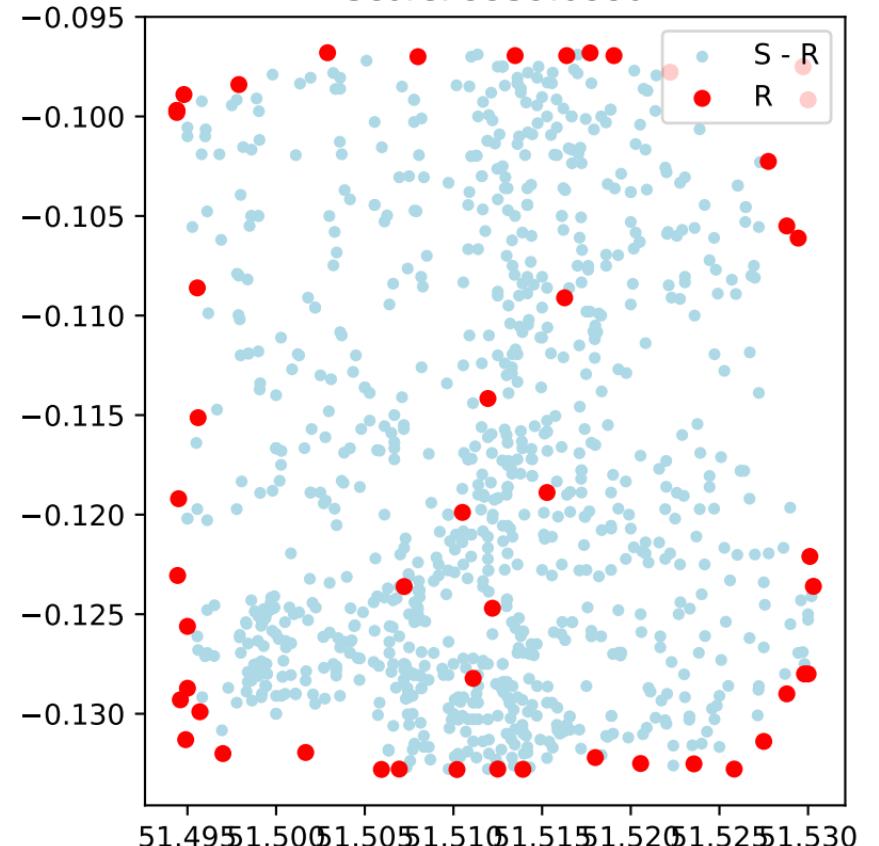
Base Iafu No R
Score: 9959.6880

Grid Sampling
Score: 8857.6695

Sampling
Score: 8674.2699



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=50 | G=16 (4x4)



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=50 | G=25 (5x5)

Baseline

No R

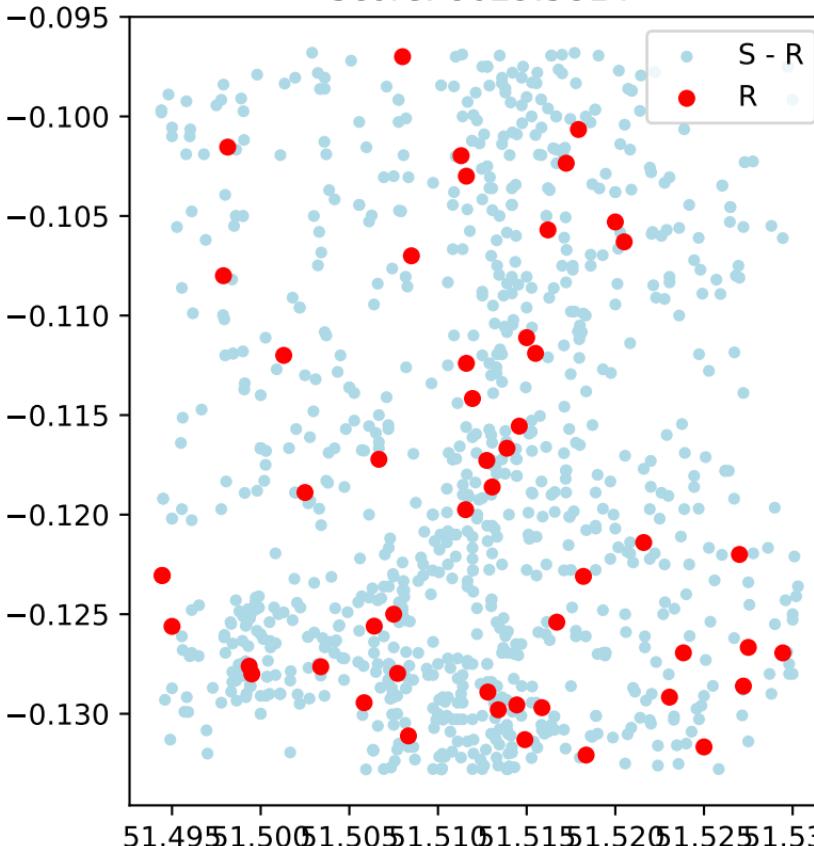
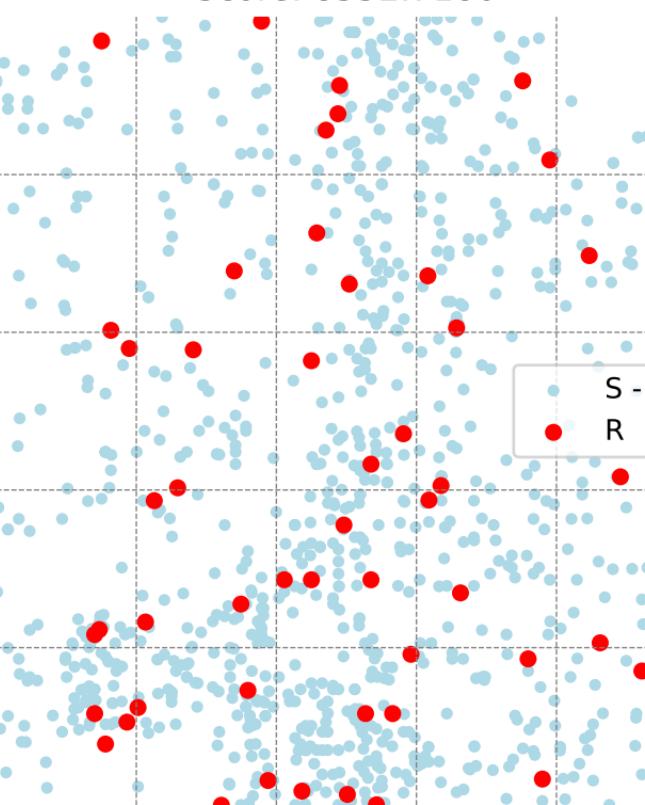
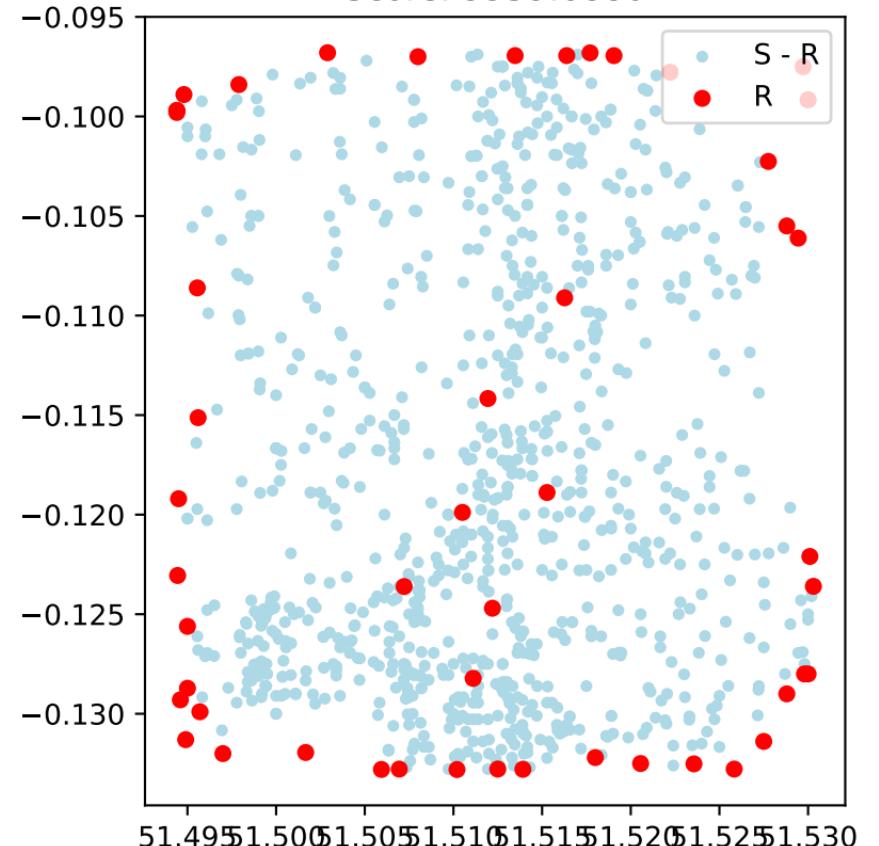
Score: 9959.6880

Grid Sampling

Score: 8552.7180

Sampling

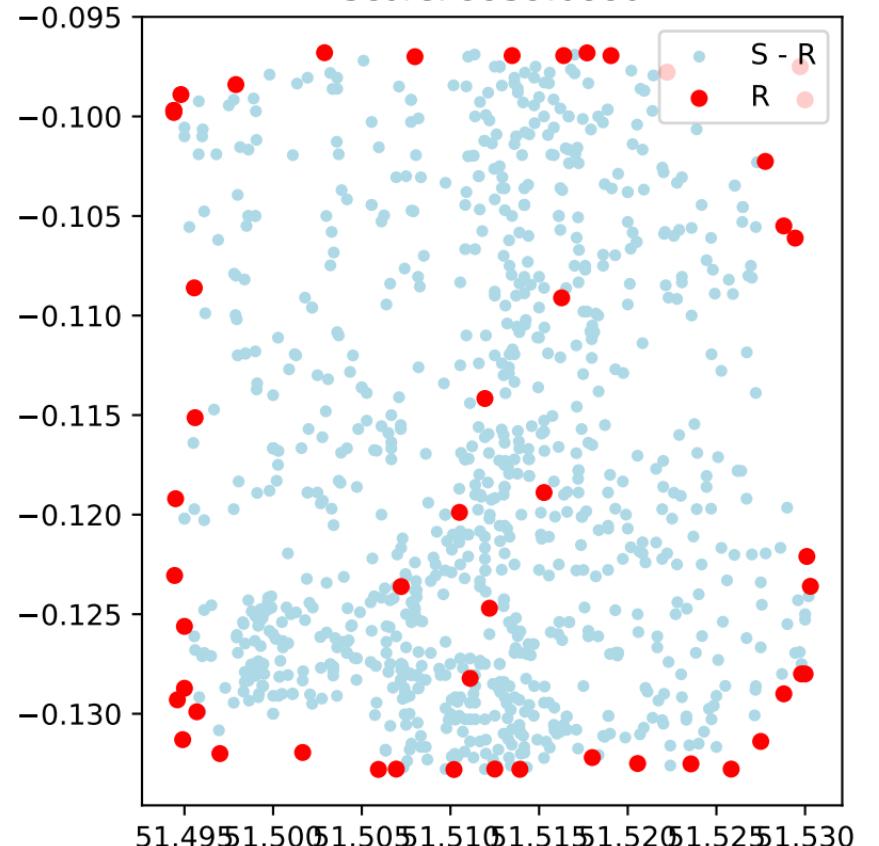
Score: 8629.5814



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=50 | G=100 (10x10)

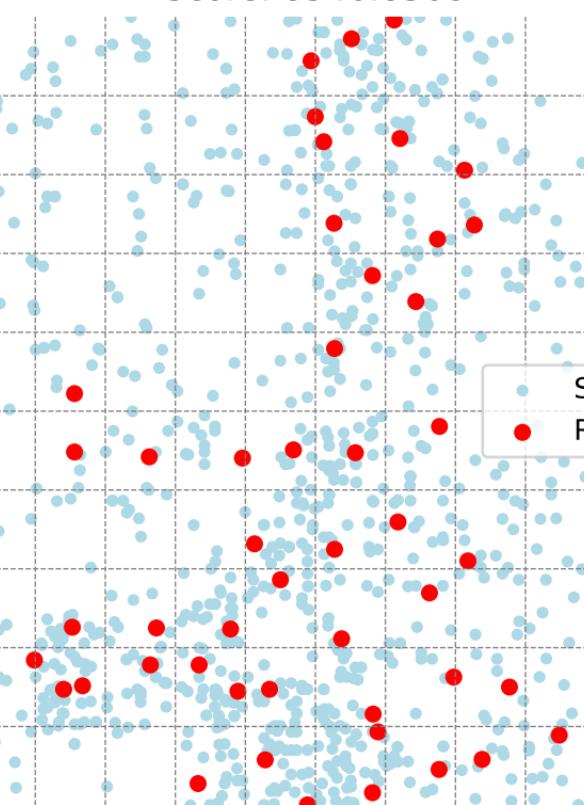
Baseline No R

Score: 9959.6880



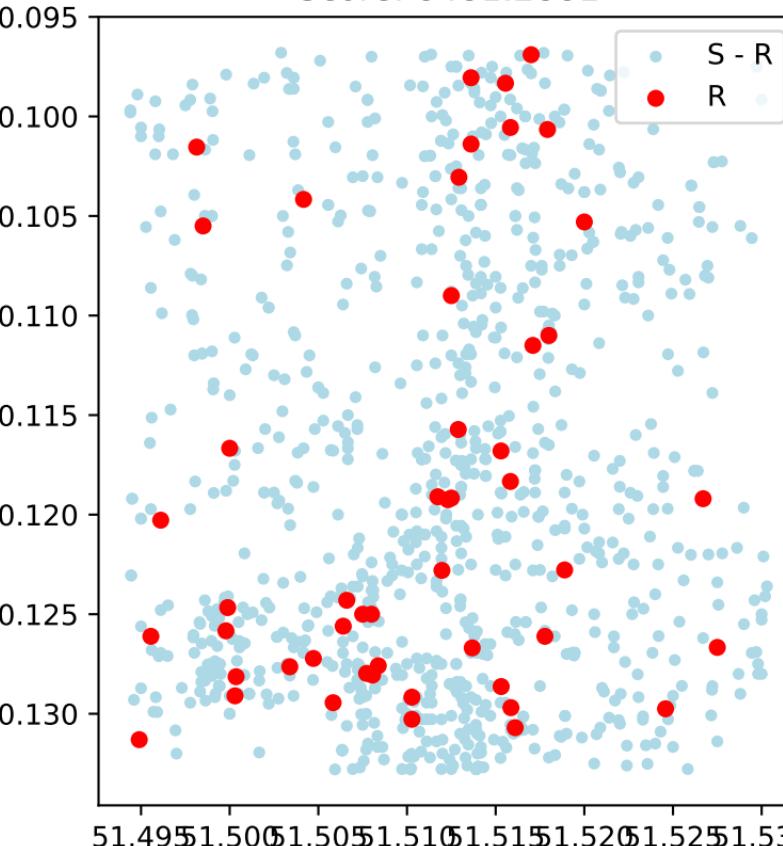
Undersampling

Score: 8346.8368



Oversampling

Score: 8481.2881



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=50 | G=256 (16x16)

Baseline No R

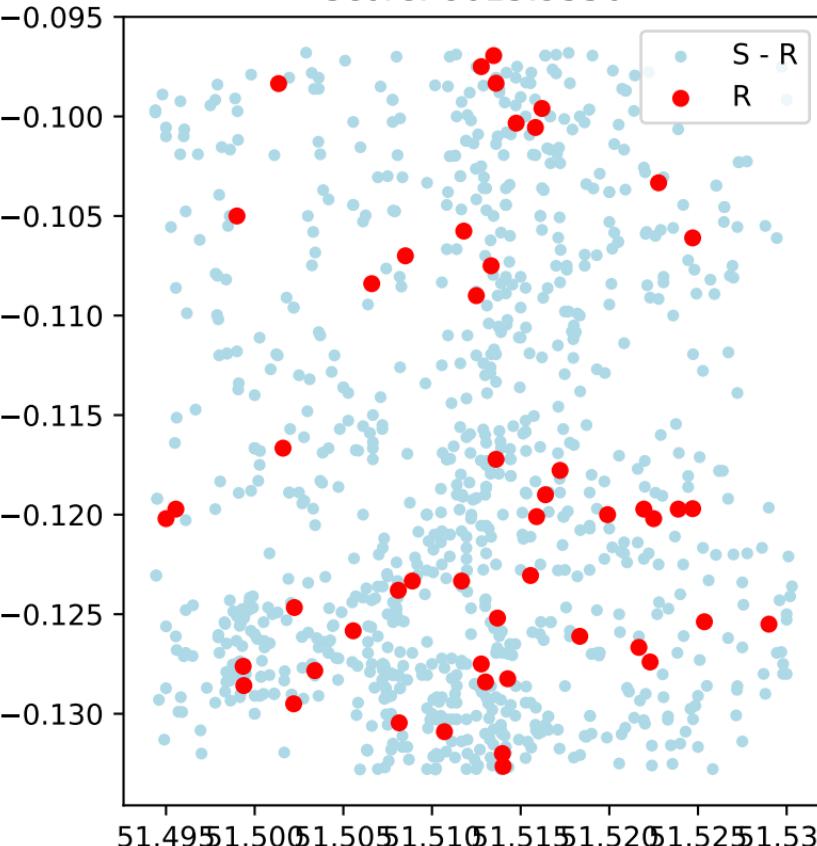
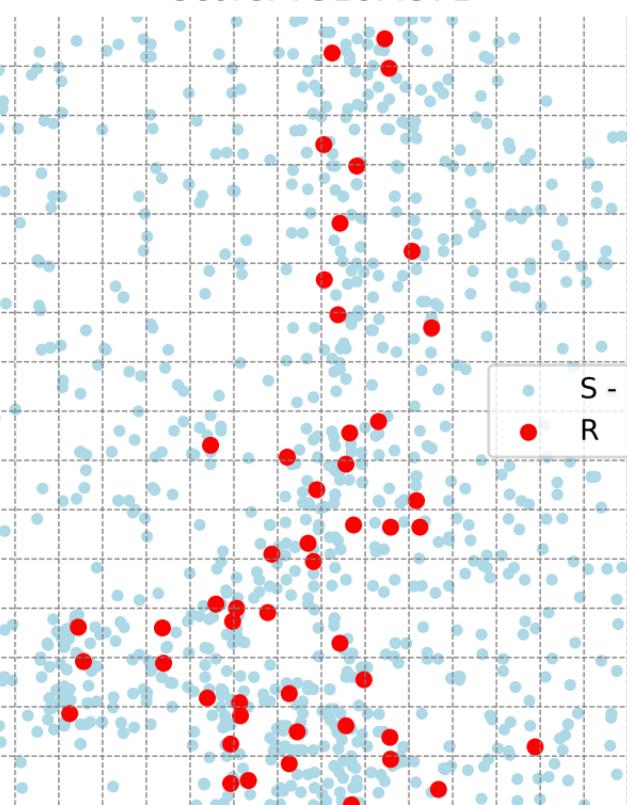
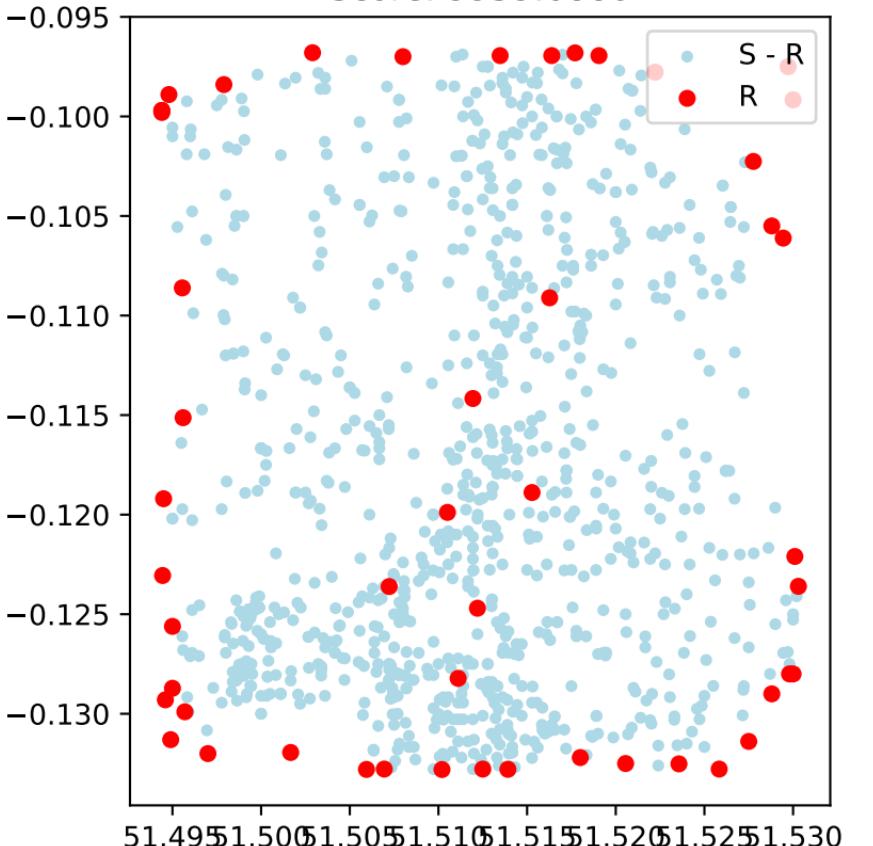
Score: 9959.6880

Undersampling

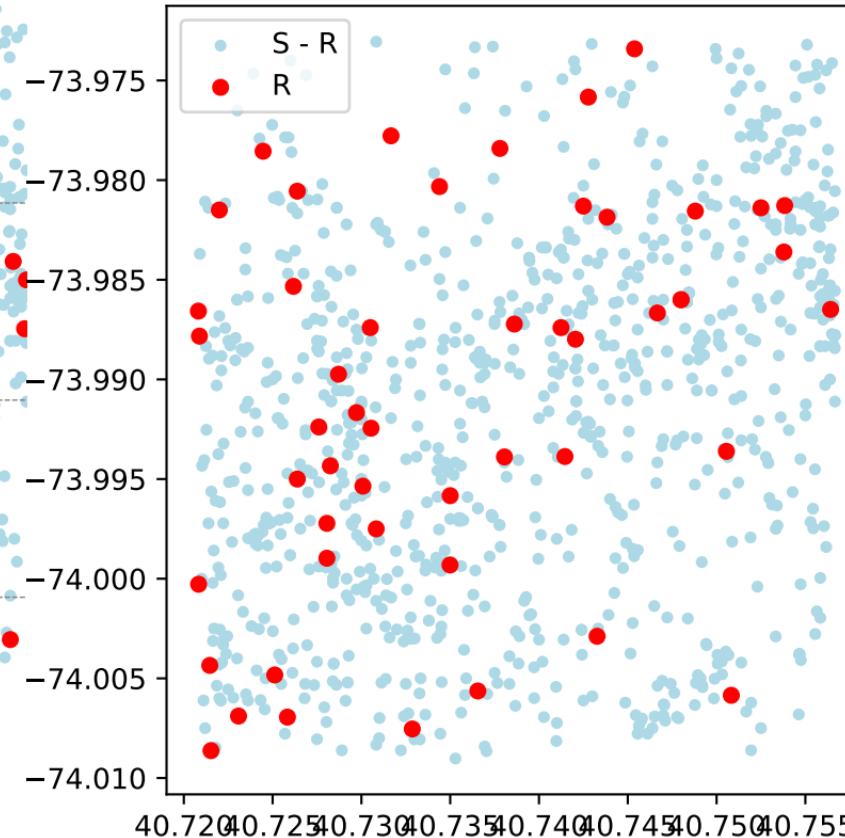
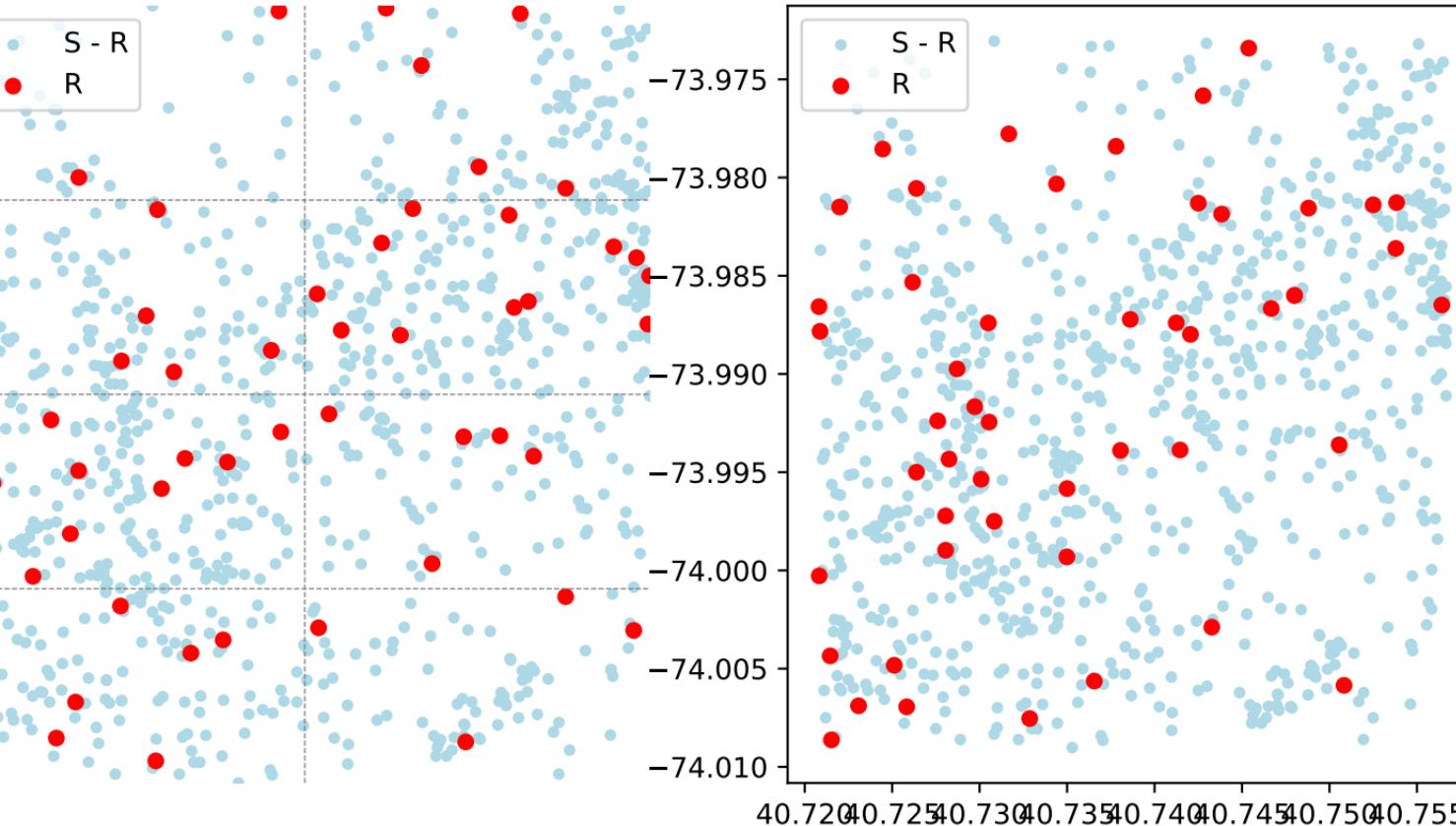
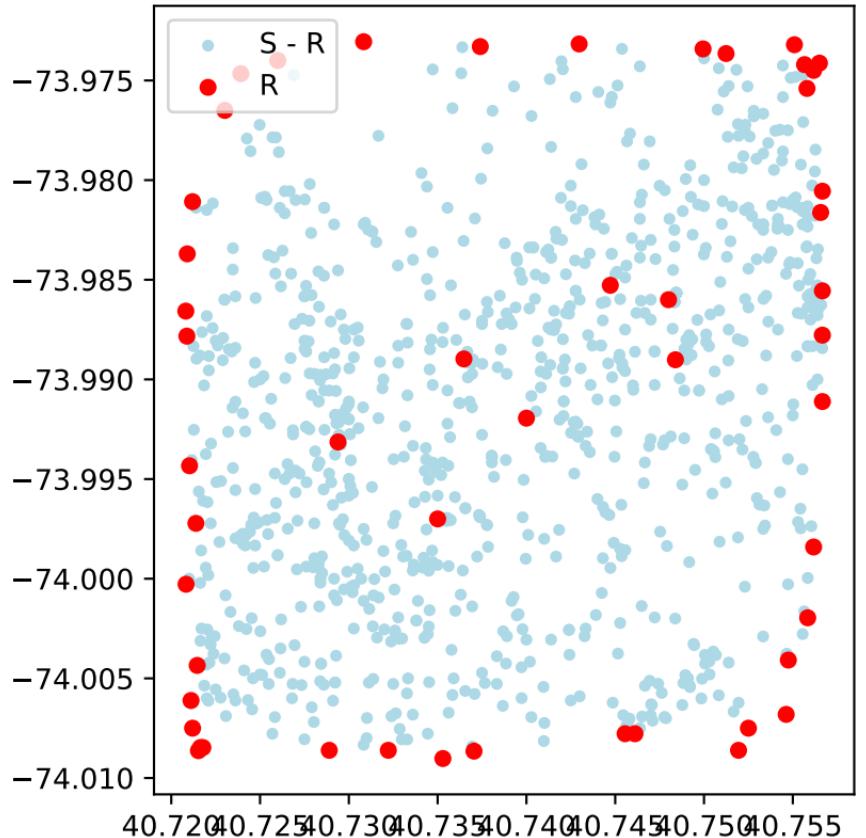
Score: 7518.4571

Oversampling

Score: 8613.9356



Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=50 | G=8 (2x4)



Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=50 | G=16 (4x4)

Baseline No R

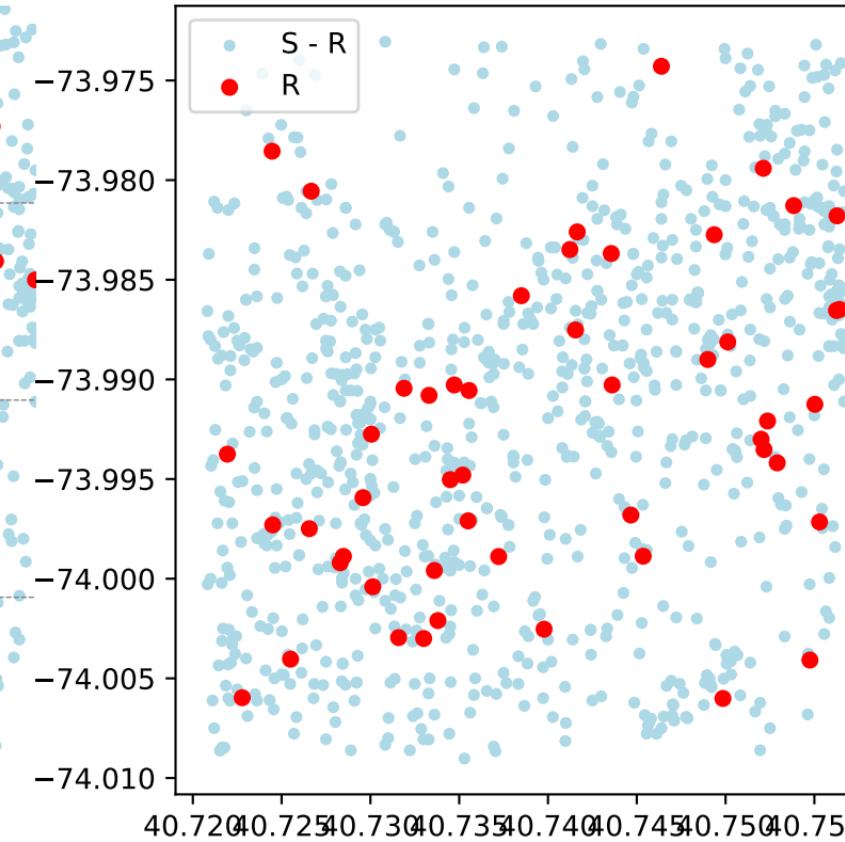
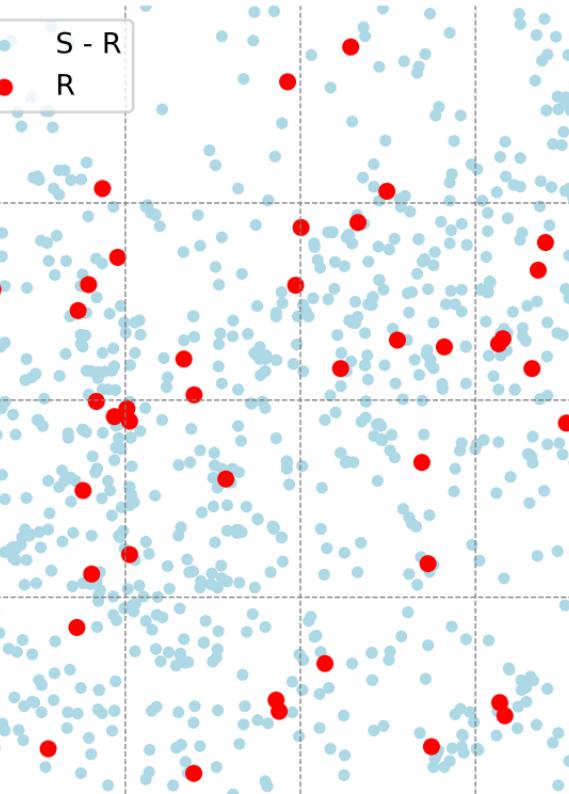
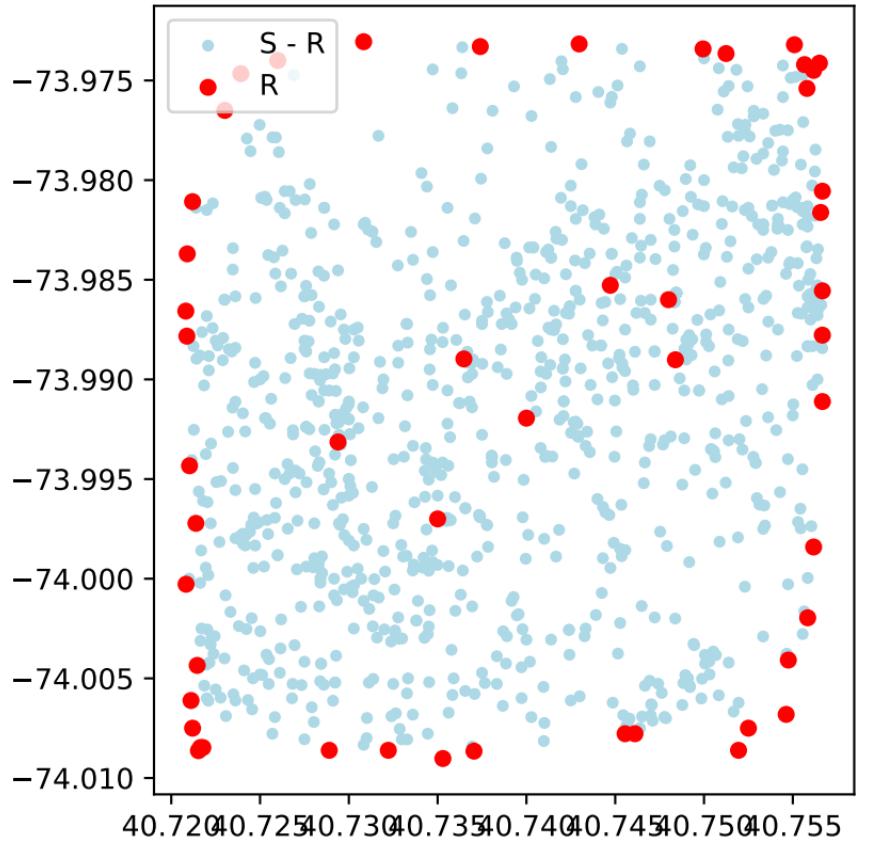
Score: 9820.7218

Grid Sampling

Score: 8510.0810

Sampling

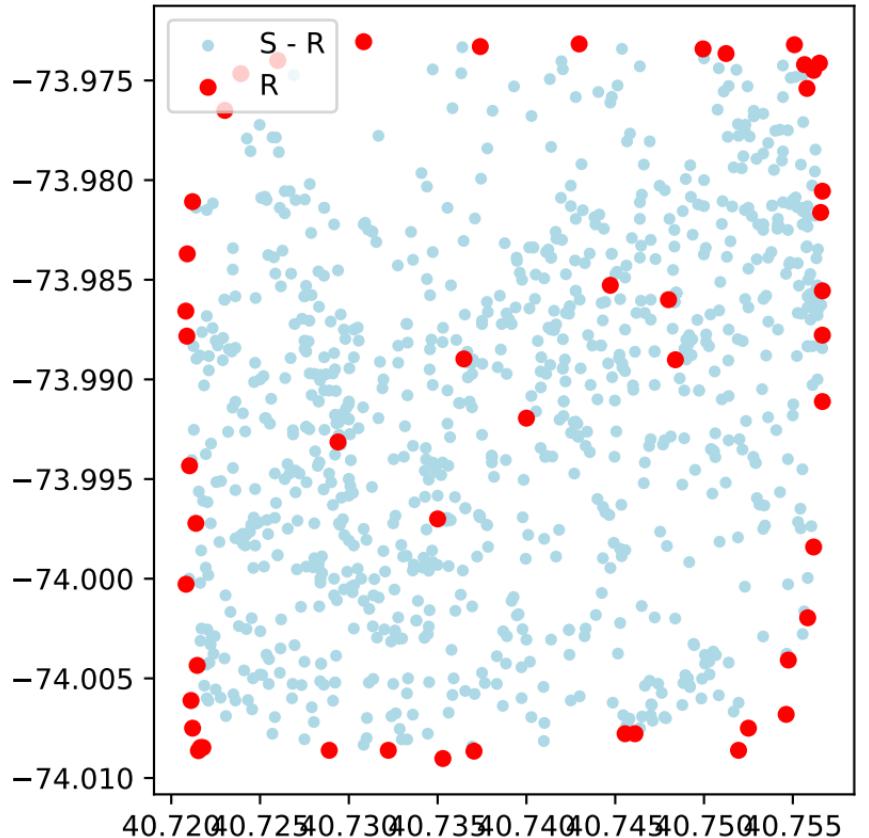
Score: 8265.2401



Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=50 | G=25 (5x5)

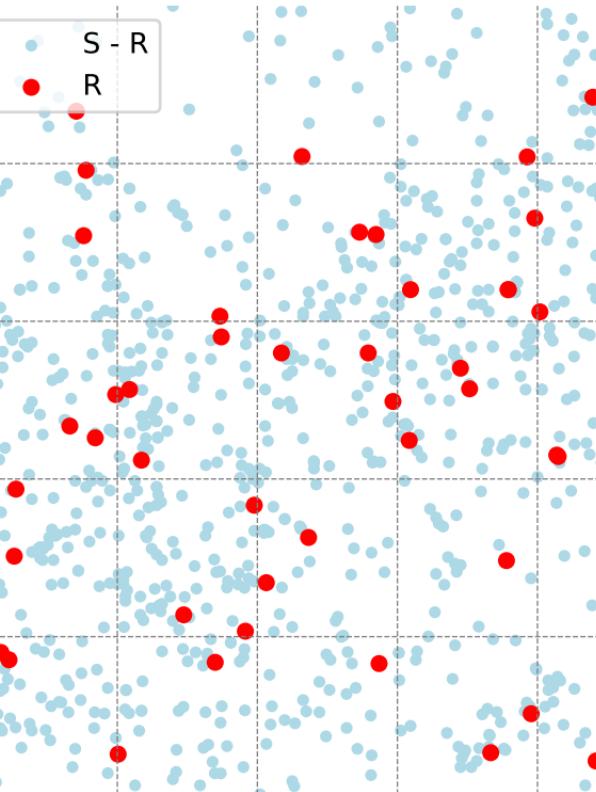
Baseline No R

Score: 9820.7218



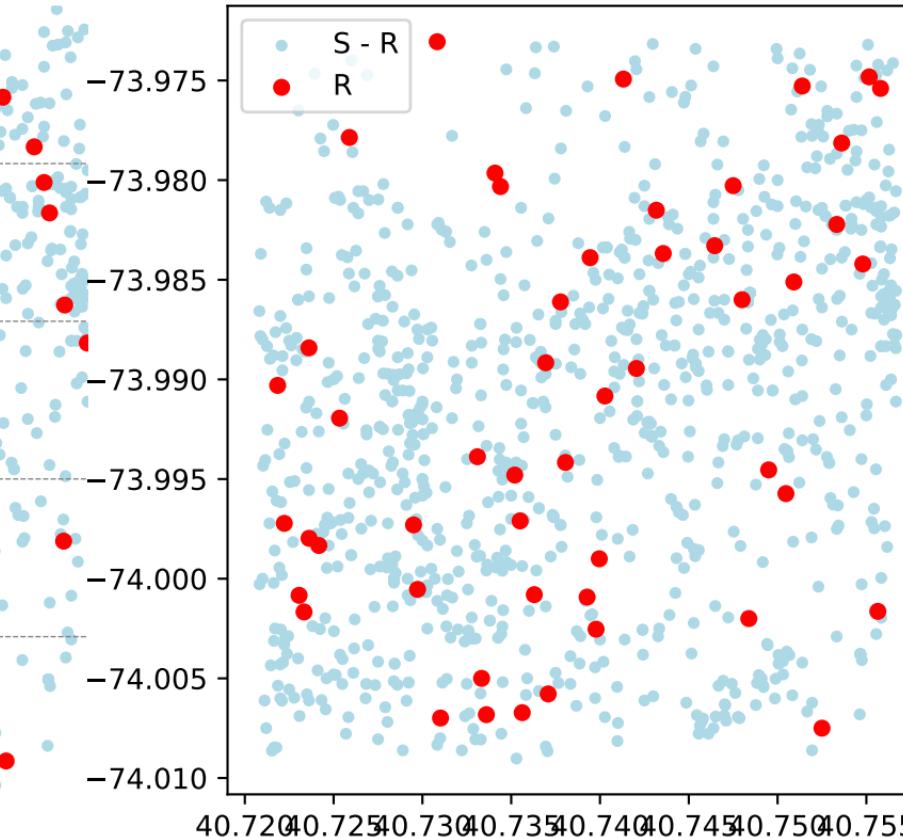
Grid Sampling

Score: 8470.4354

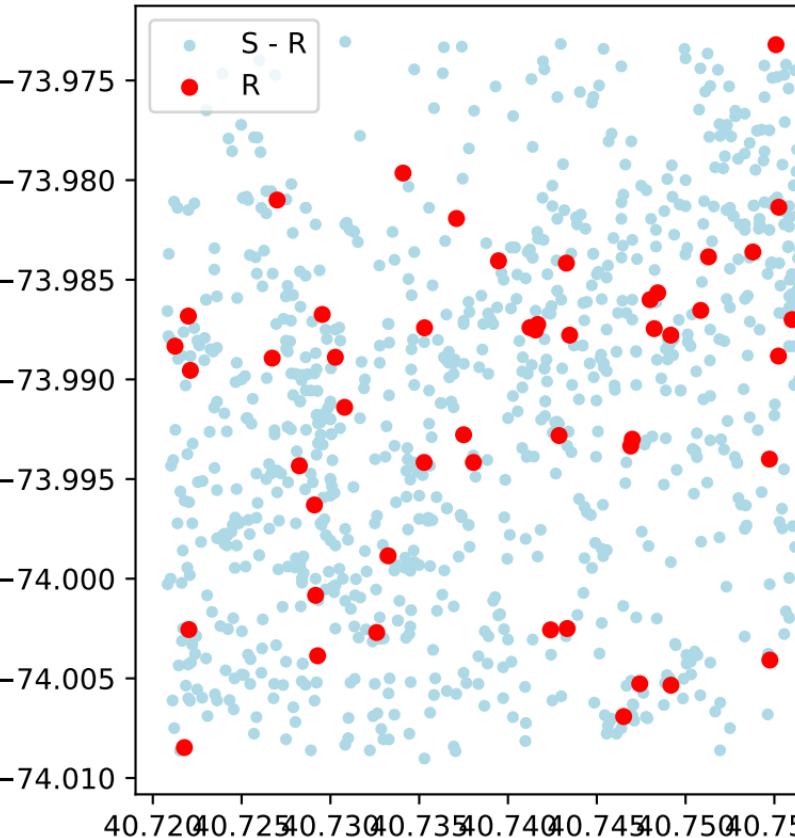
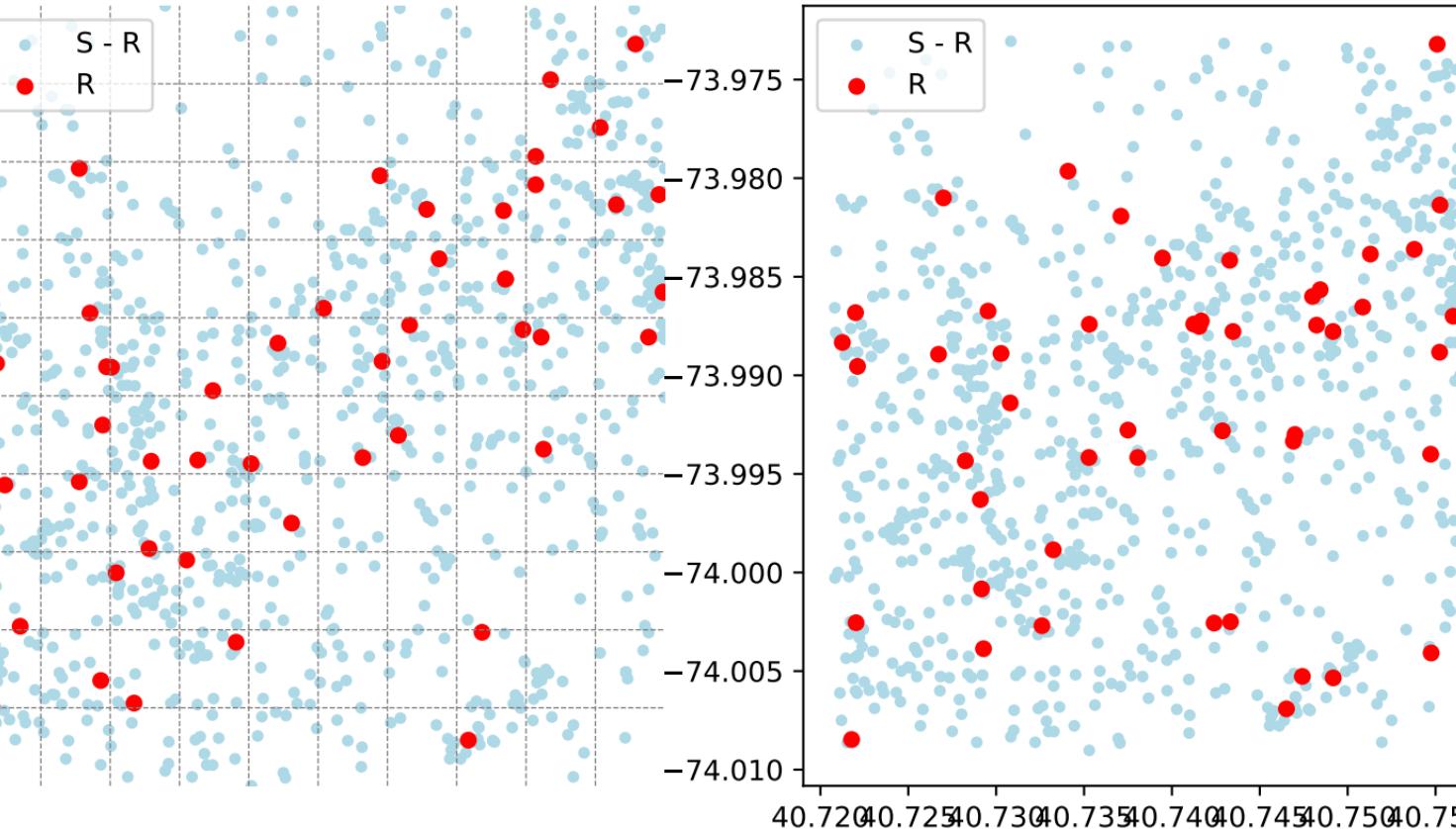
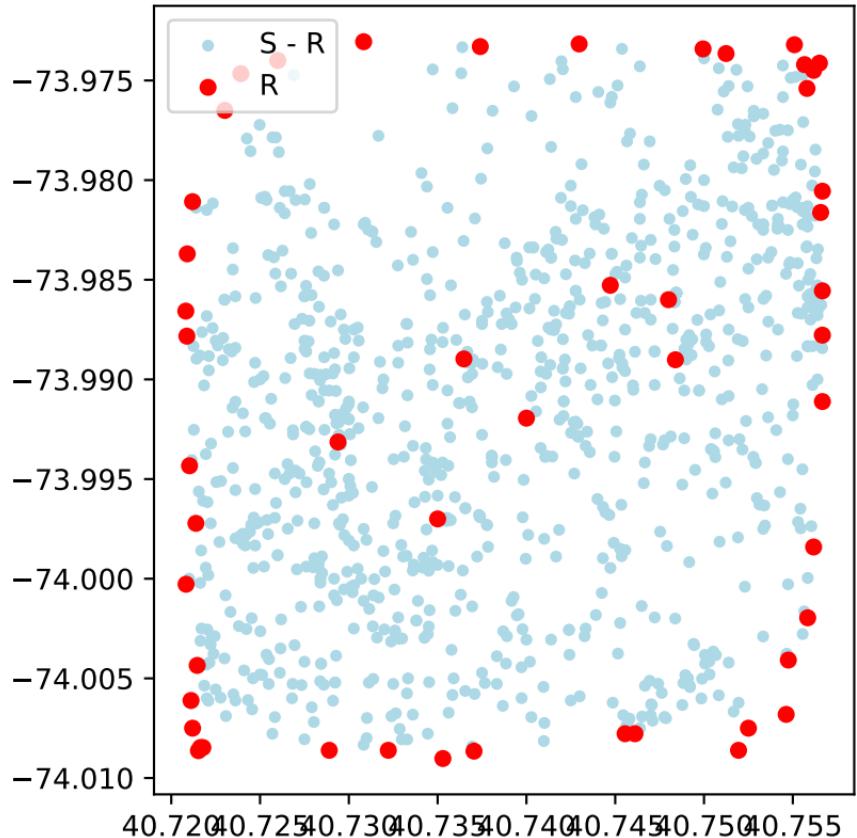


Sampling

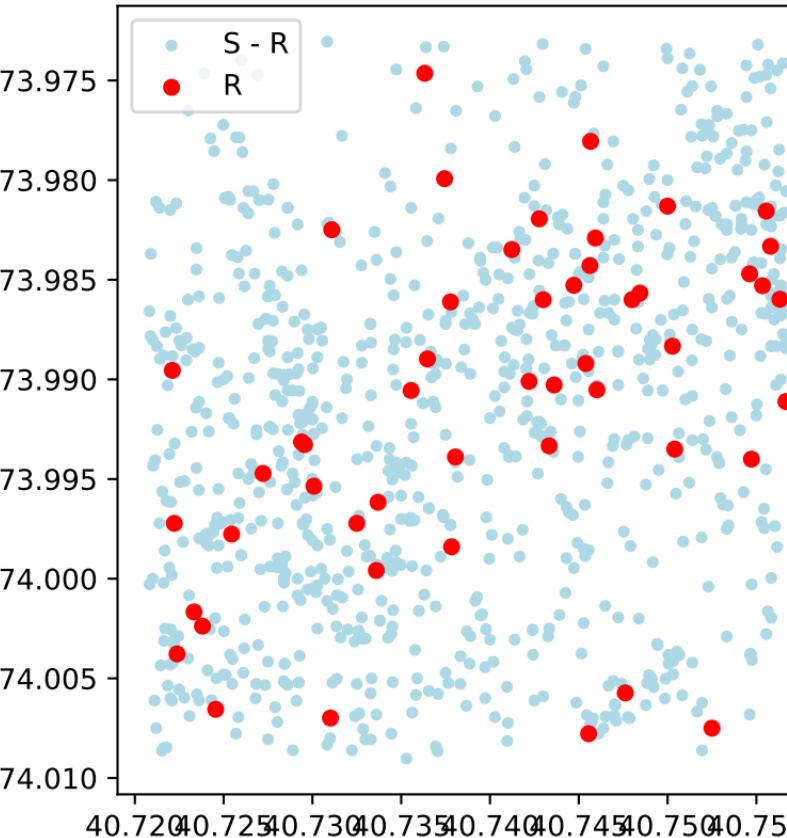
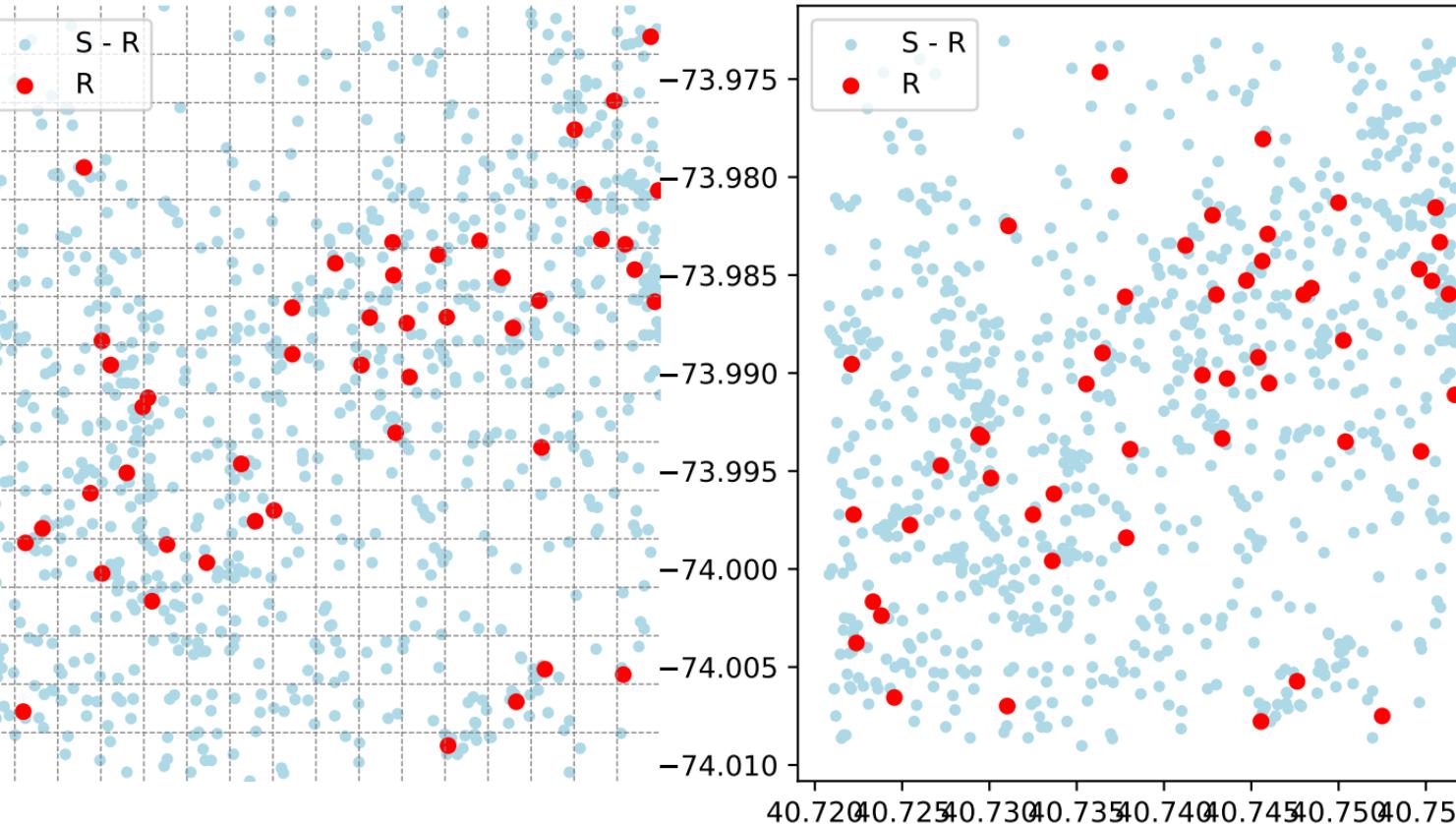
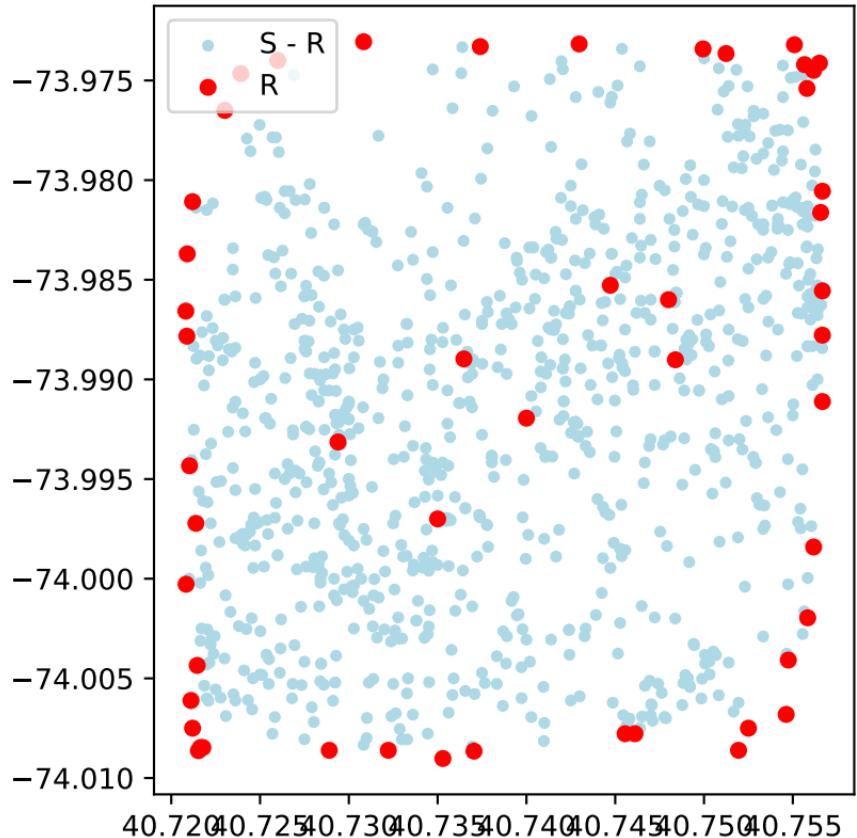
Score: 8703.9618

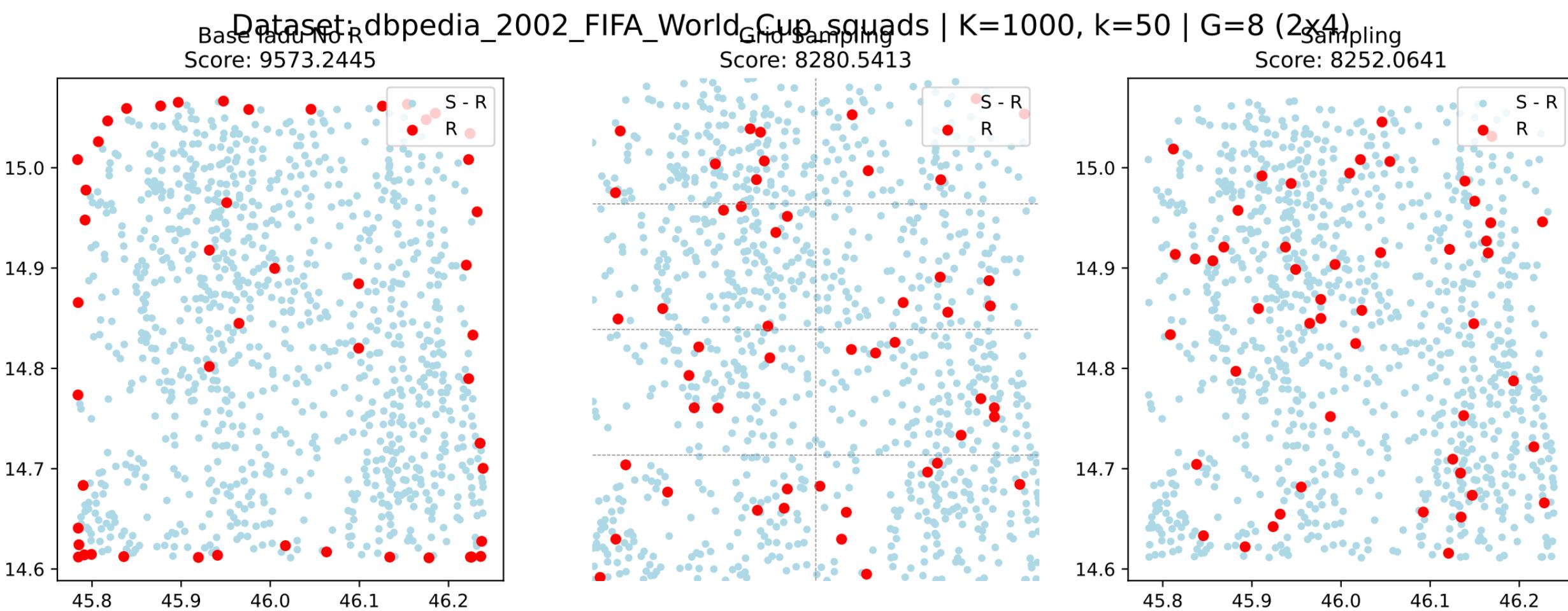


Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=50 | G=100 (10x10)



Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=50 | G=256 (16x16)





Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=50 | G=16 (4x4)

Baseline No R

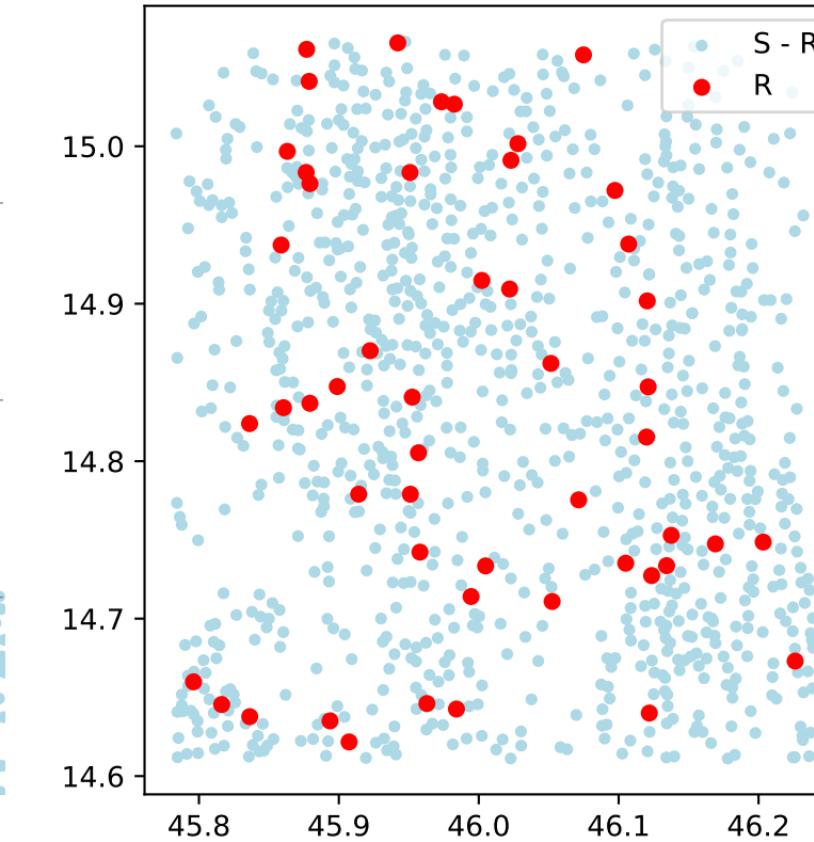
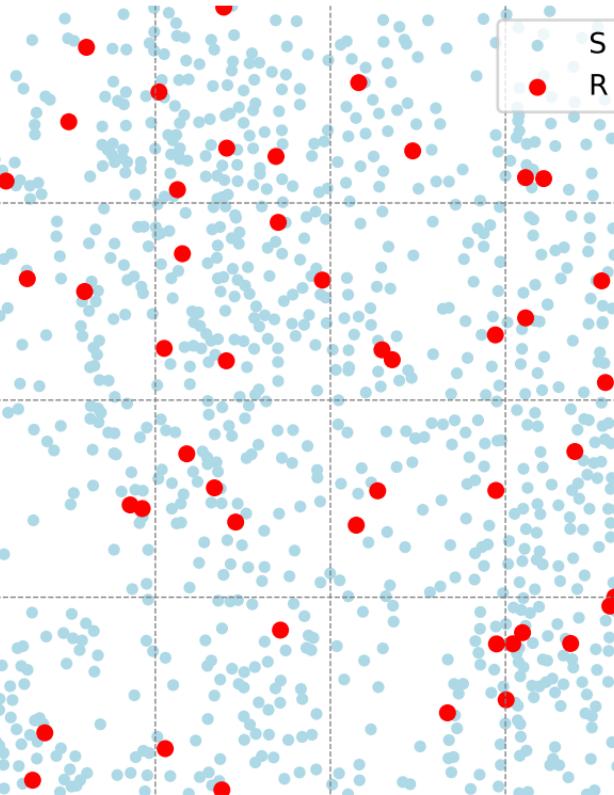
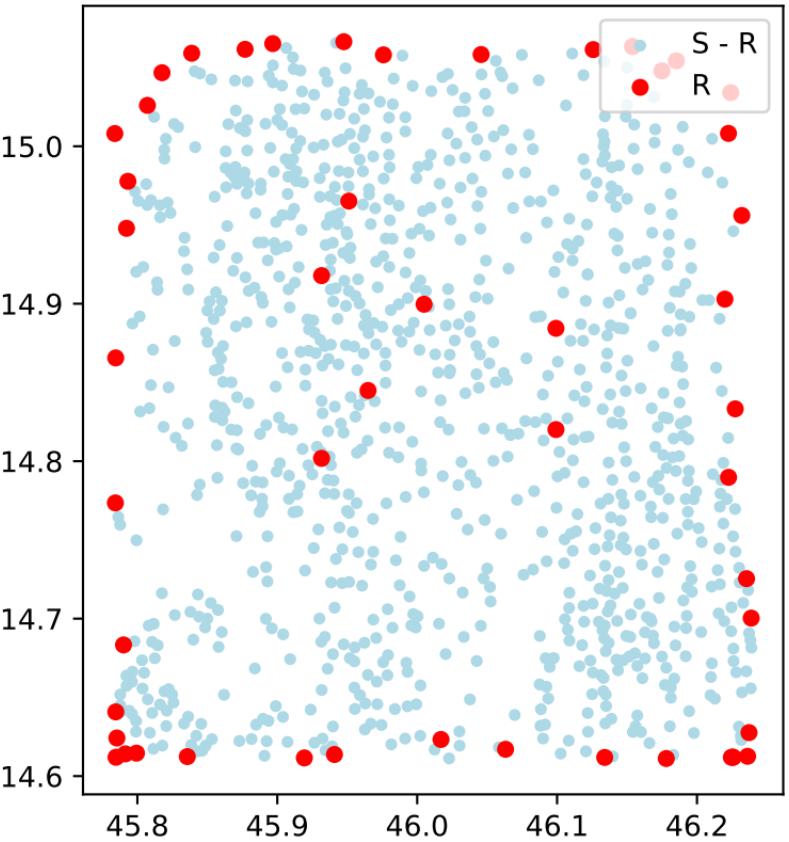
Score: 9573.2445

Grid Sampling

Score: 8283.6765

Sampling

Score: 8027.1937



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=50 | G=25 (5x5)

Baseline No R

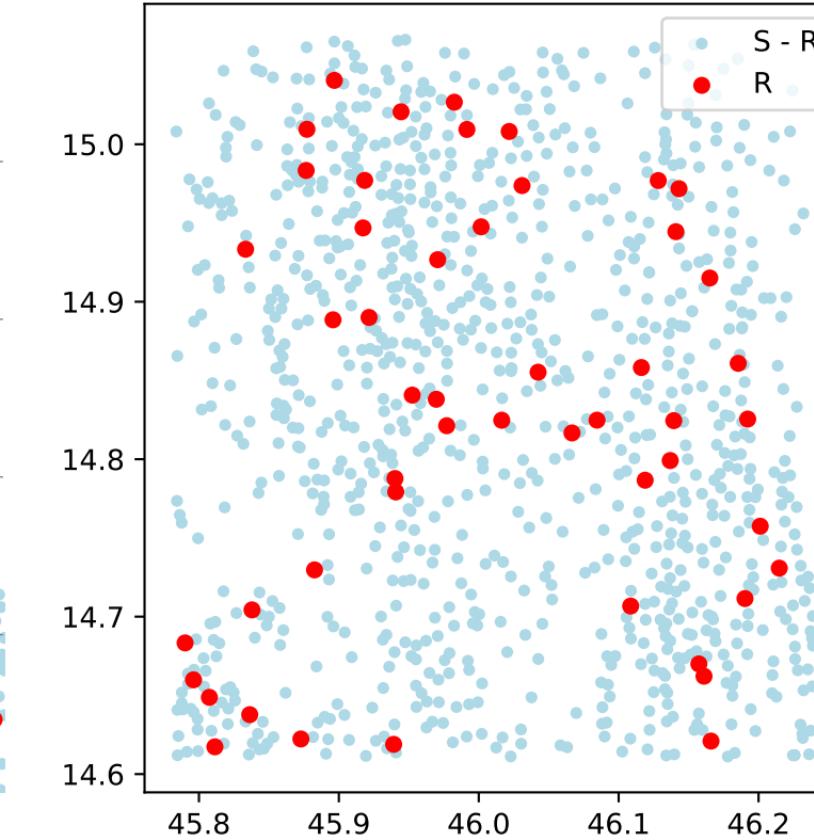
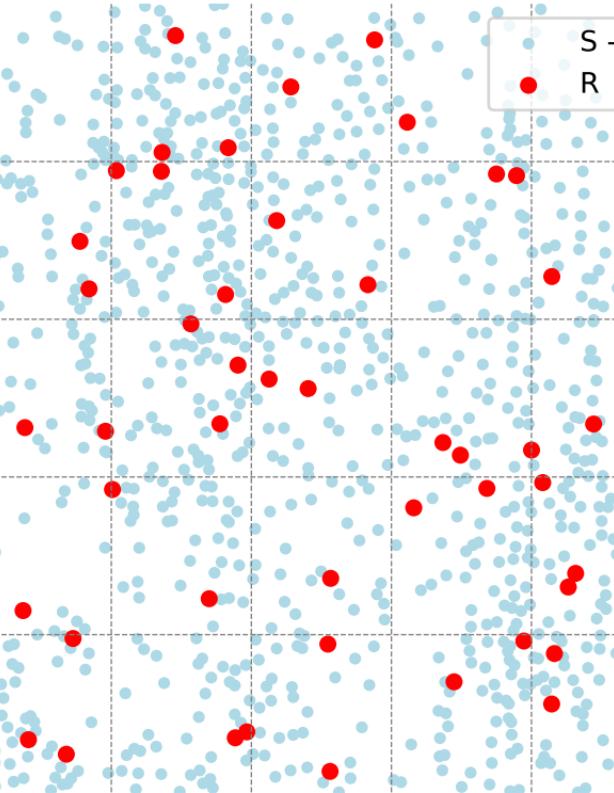
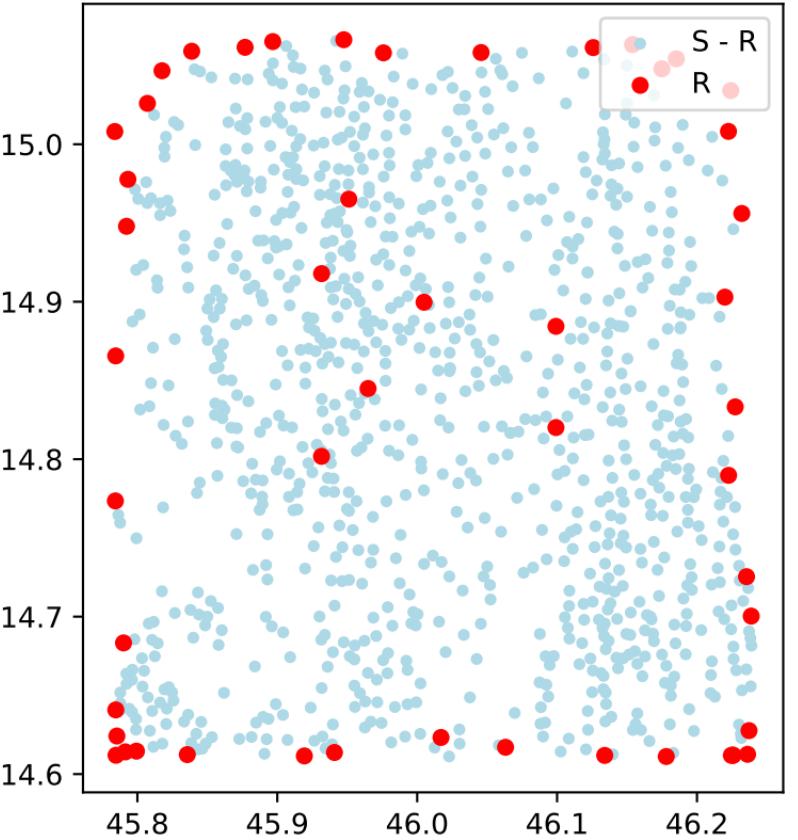
Score: 9573.2445

Grid Sampling

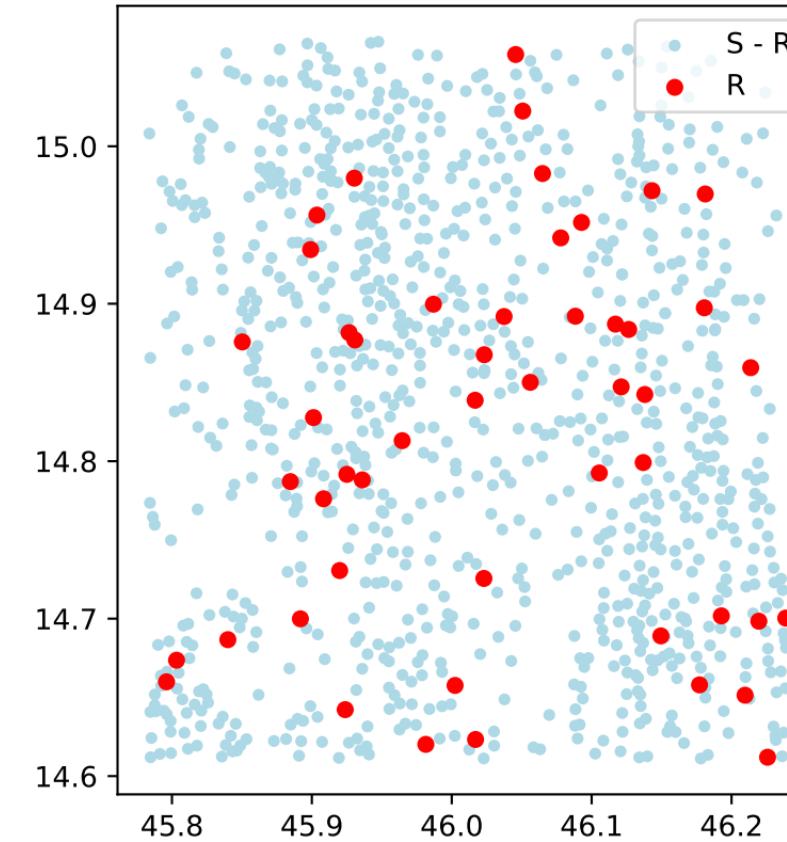
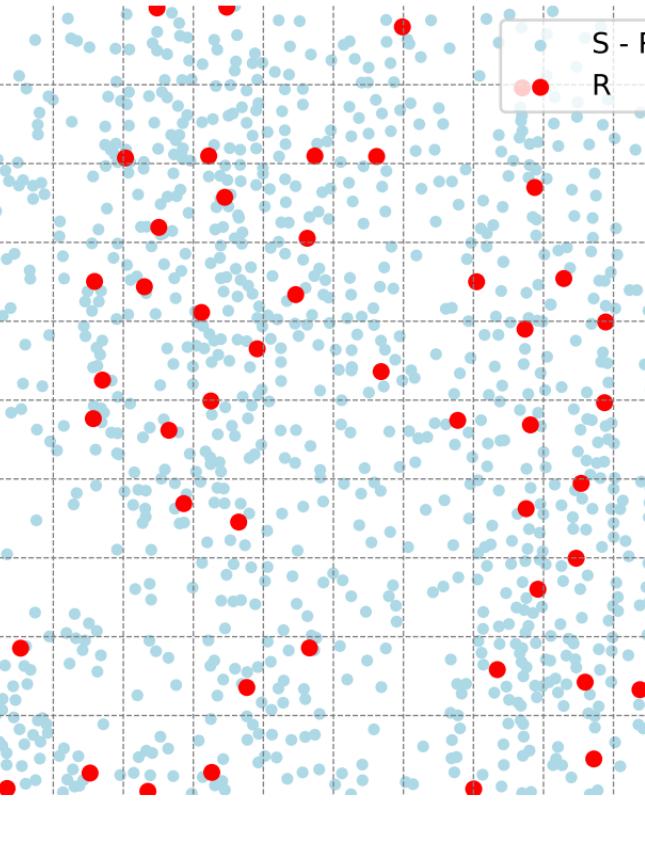
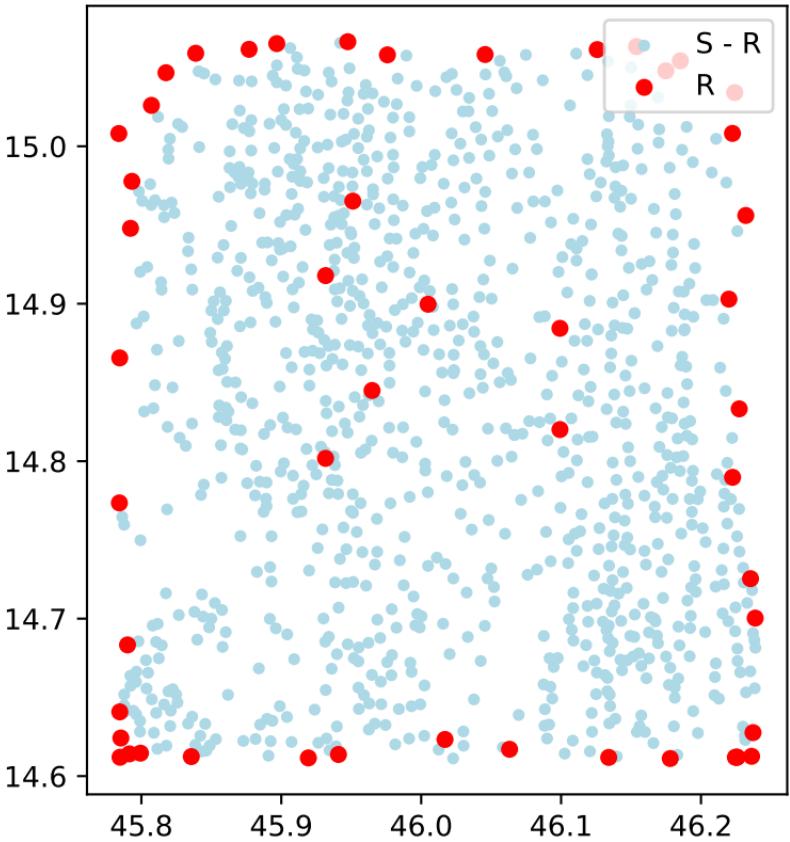
Score: 8202.9065

Sampling

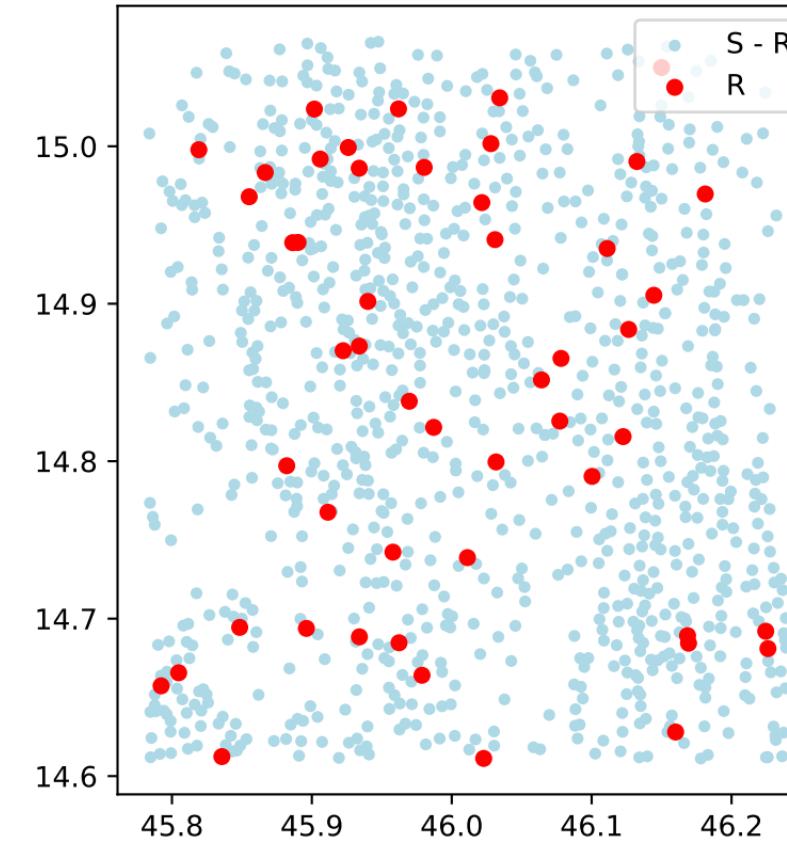
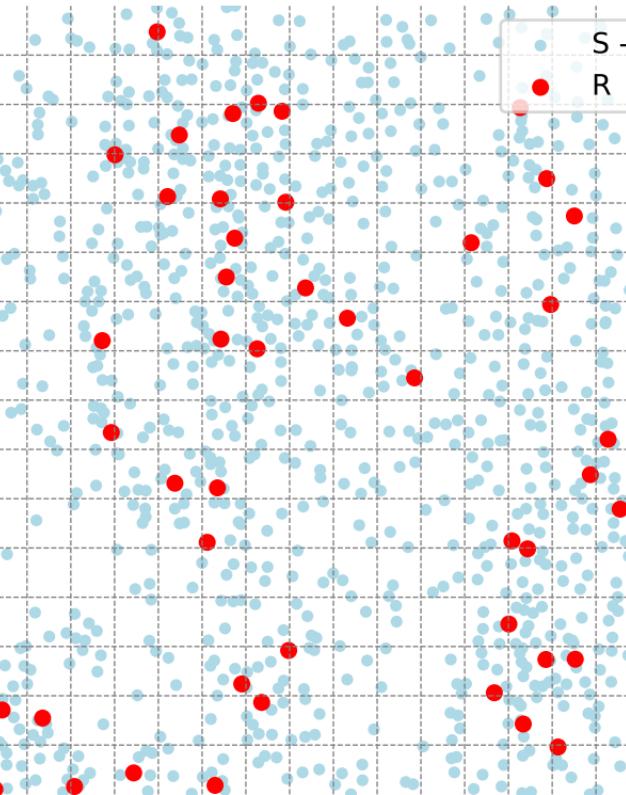
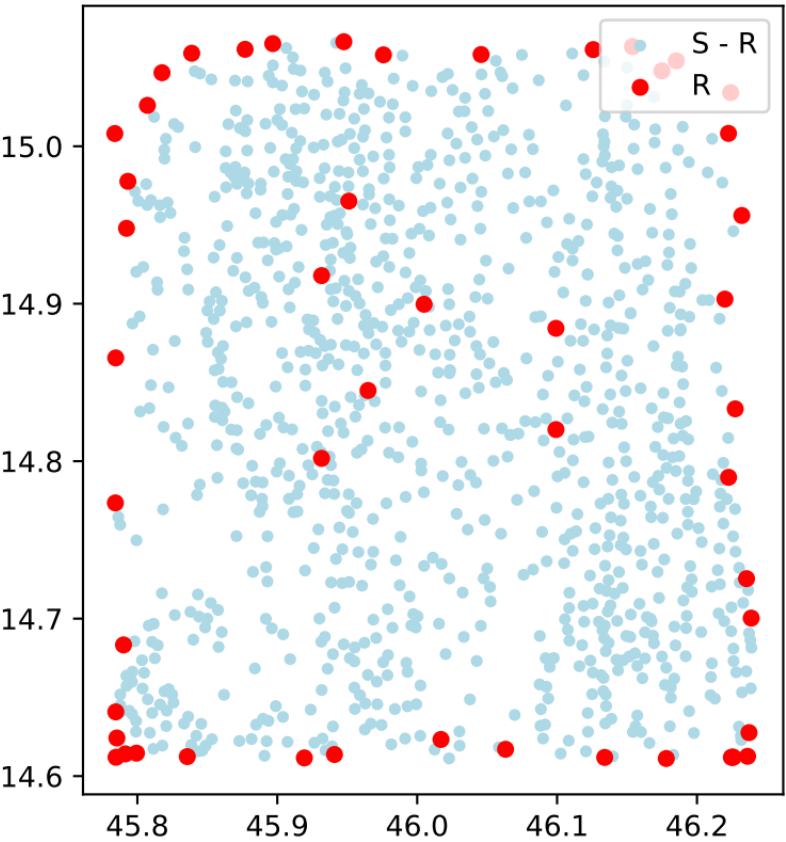
Score: 8259.6150



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=50 | G=100 (10x10)
Sampling: Baseline No R | Undersampling | OverSampling | Random Sampling
Score: 9573.2445



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=50 | G=256 (16x16)
Baseline No R | Undersampling | Ours Sampling
Score: 9573.2445 Score: 8382.9544 Score: 8094.8542

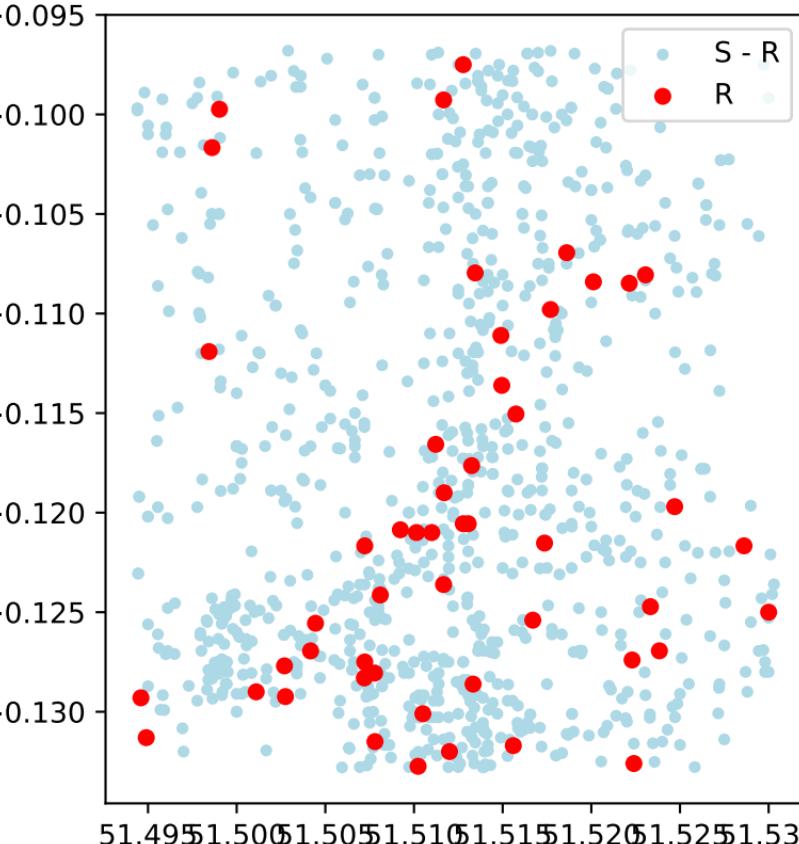
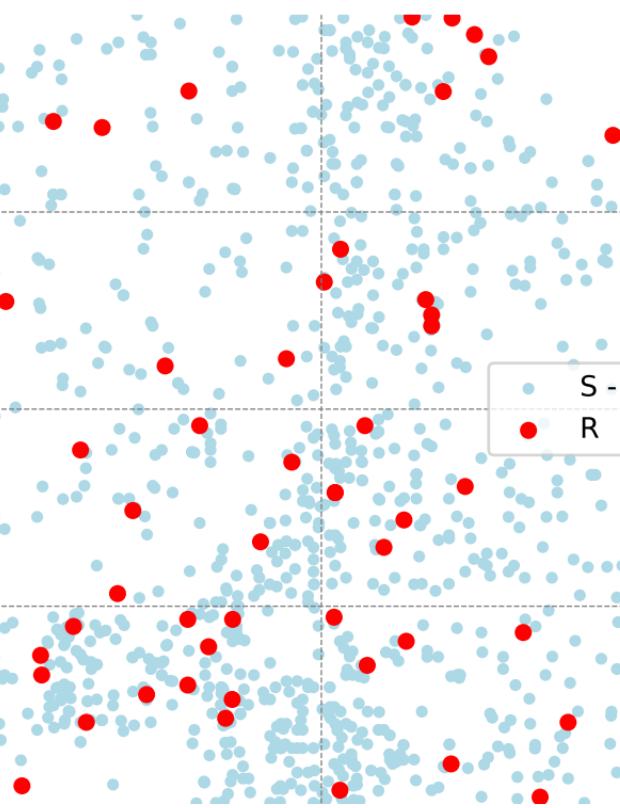
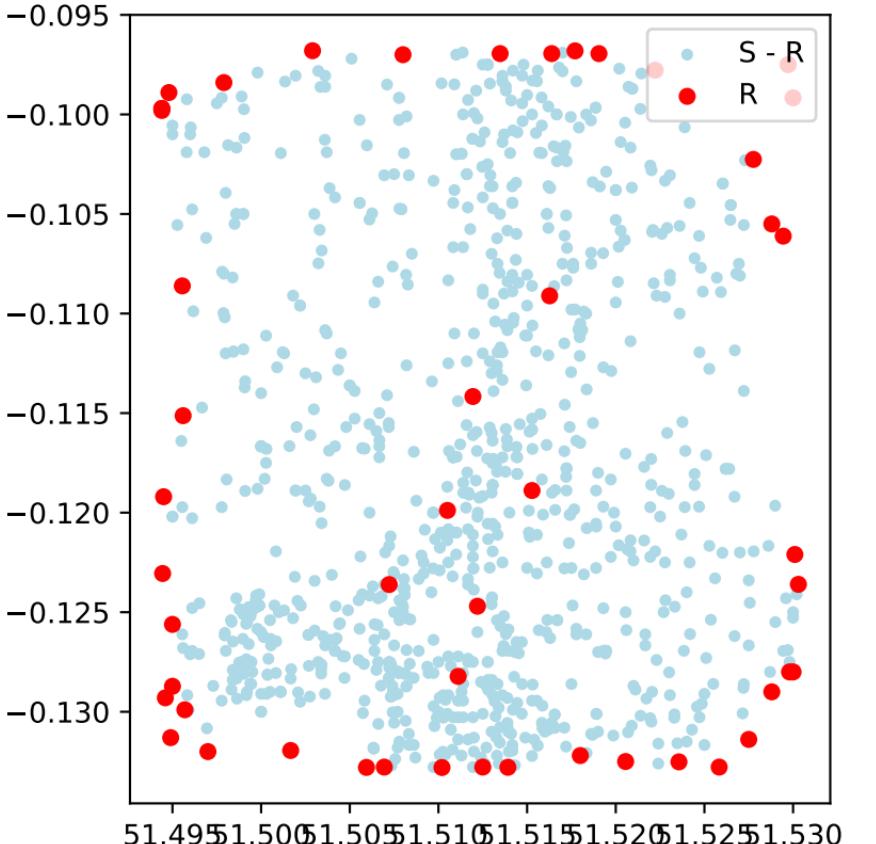


Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=50 | G=8 (2x4)

Base Iafu No R
Score: 9959.6880

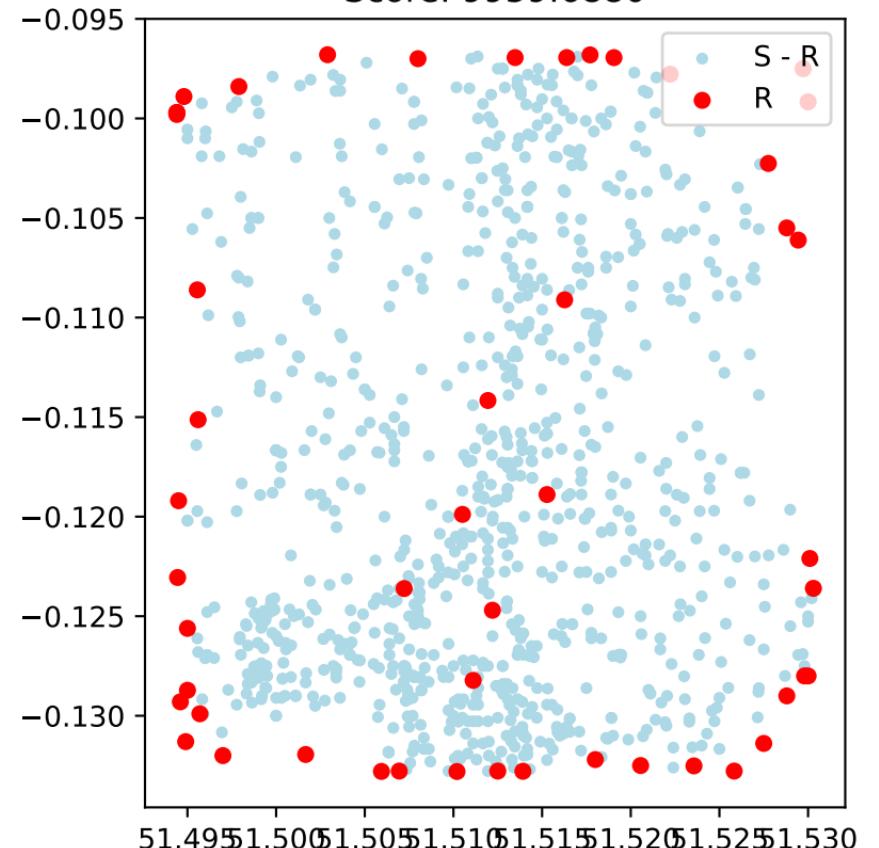
Grid Sampling
Score: 8640.5657

Sampling
Score: 8156.6560

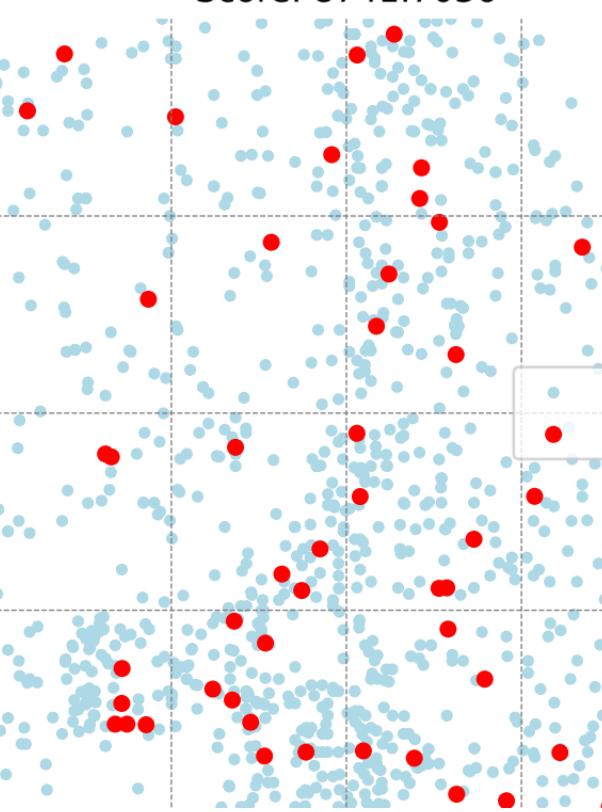


Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=50 | G=16 (4x4)

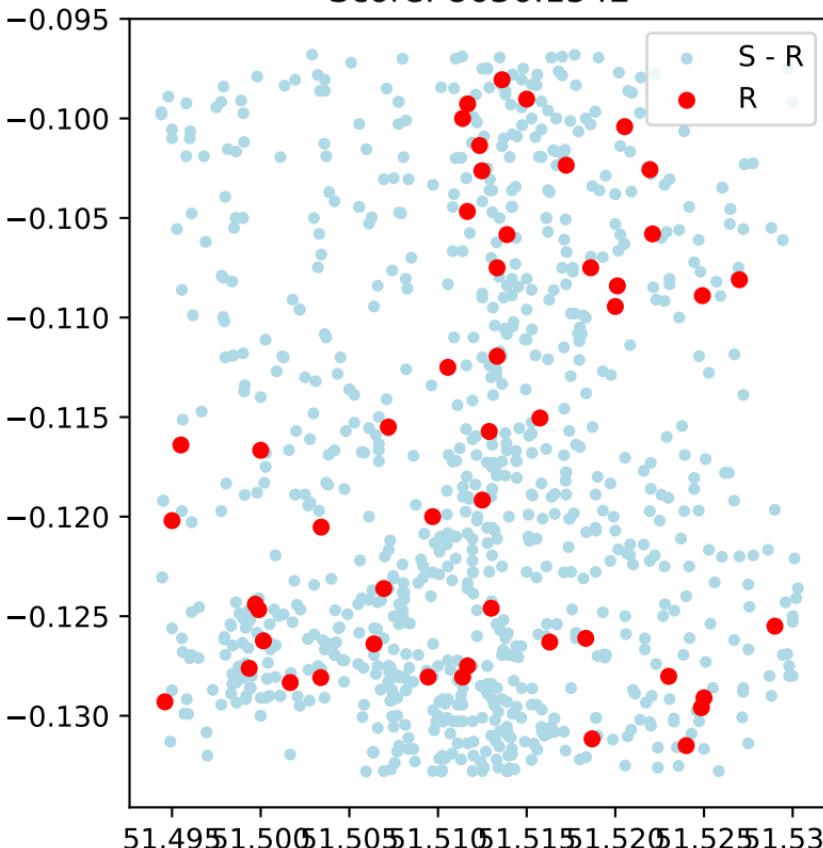
Baseline No R
Score: 9959.6880



Grid Sampling
Score: 8741.7036



Sampling
Score: 8636.1542

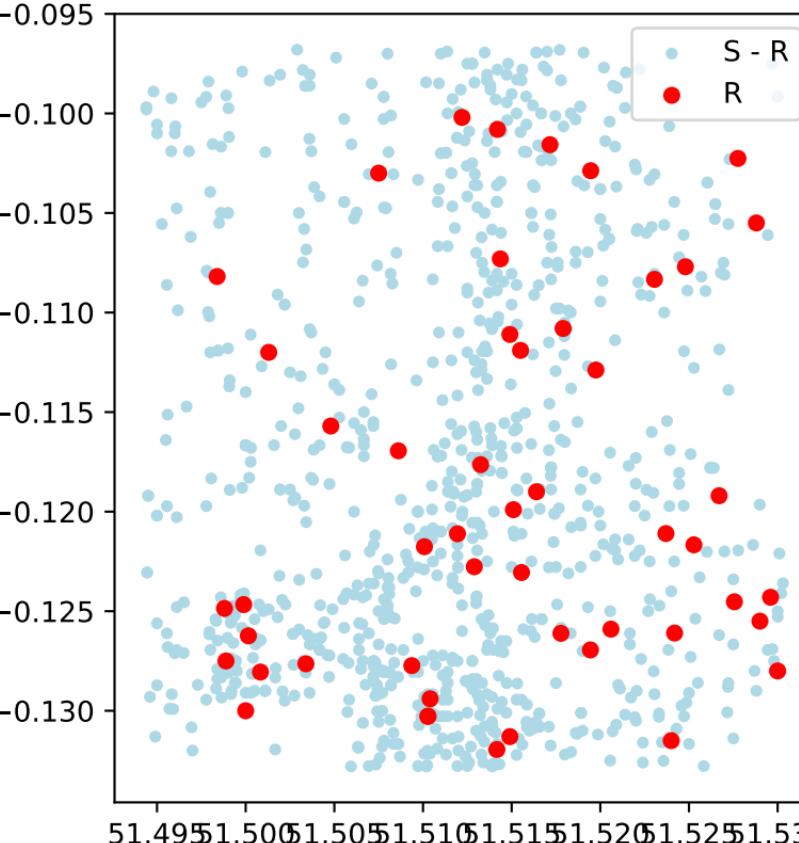
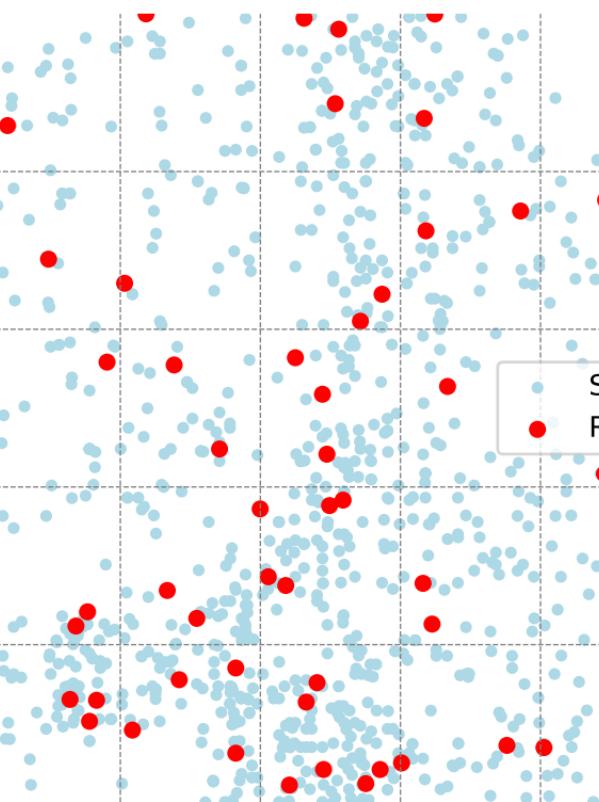
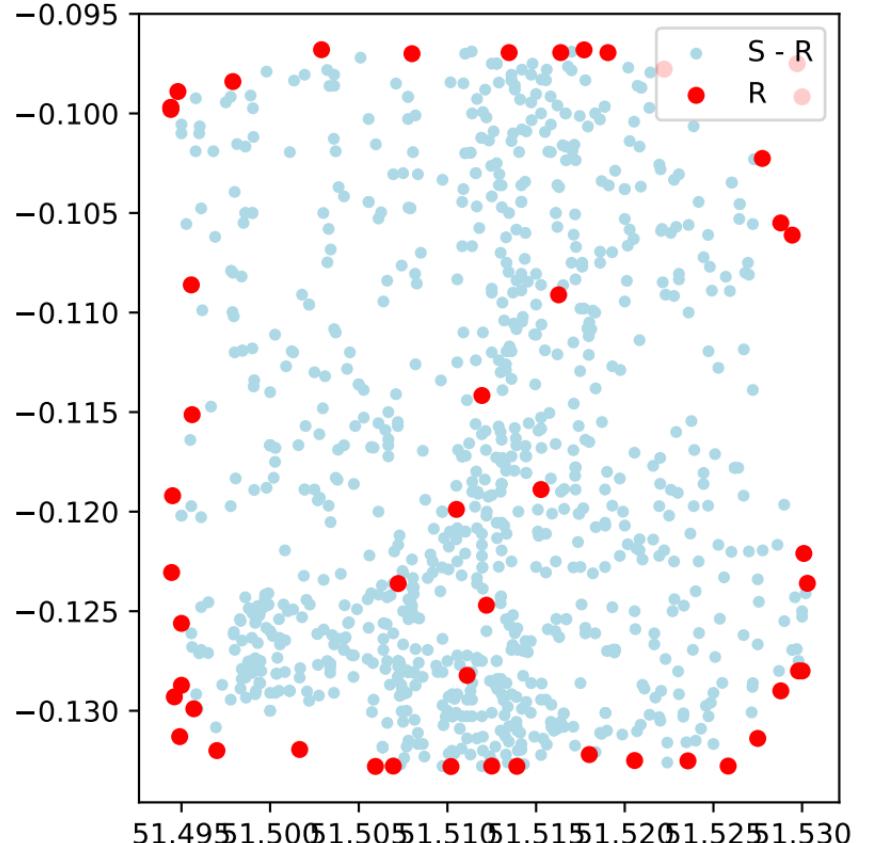


Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=50 | G=25 (5x5)

Baseline No R
Score: 9959.6880

Grid Sampling
Score: 8649.4801

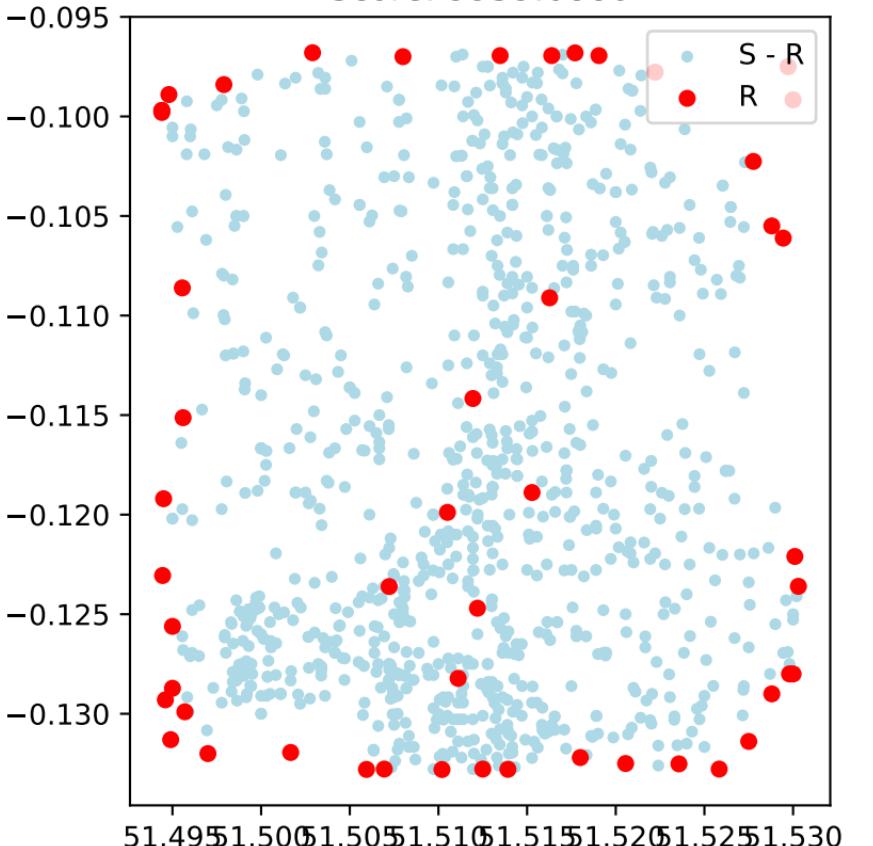
Sampling
Score: 8351.1646



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=50 | G=100 (10x10)

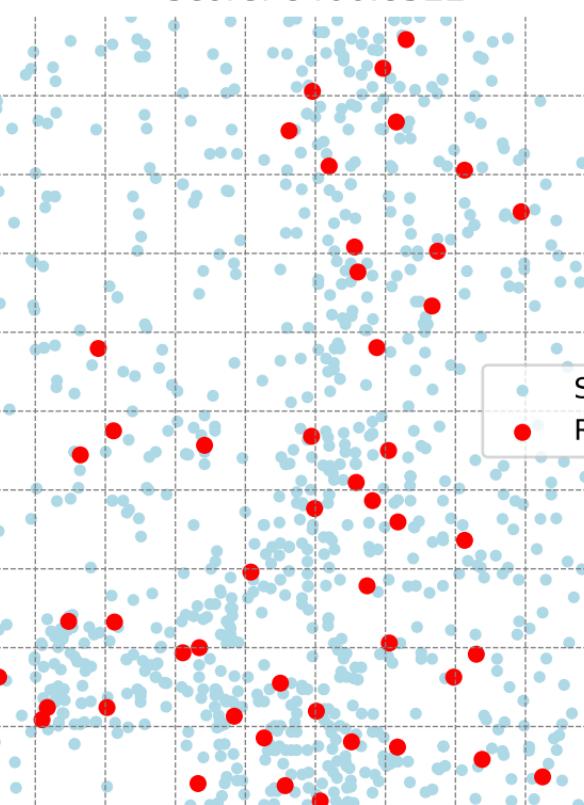
Baseline No R

Score: 9959.6880



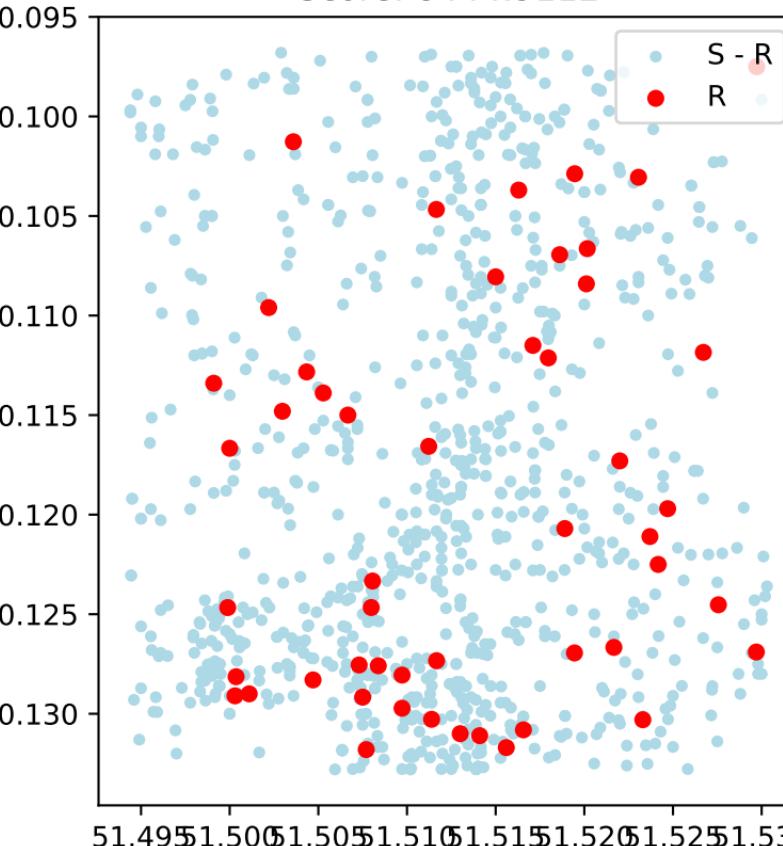
Undersampling

Score: 8400.8522

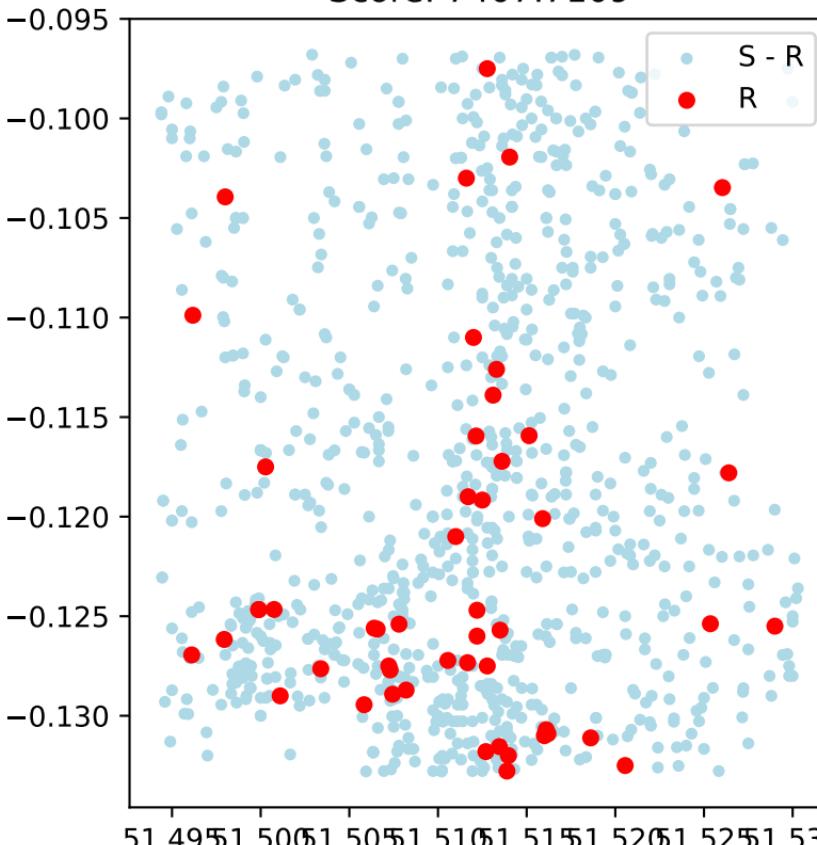
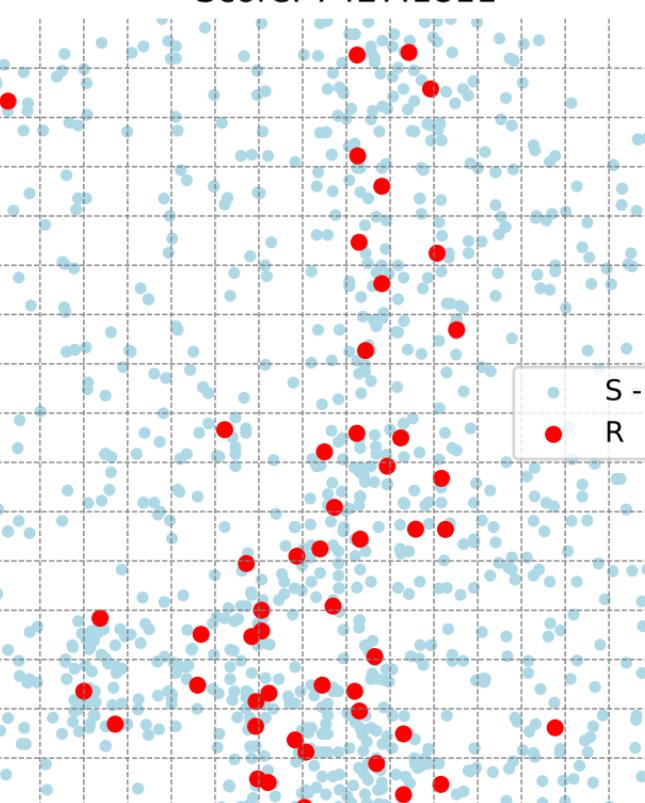
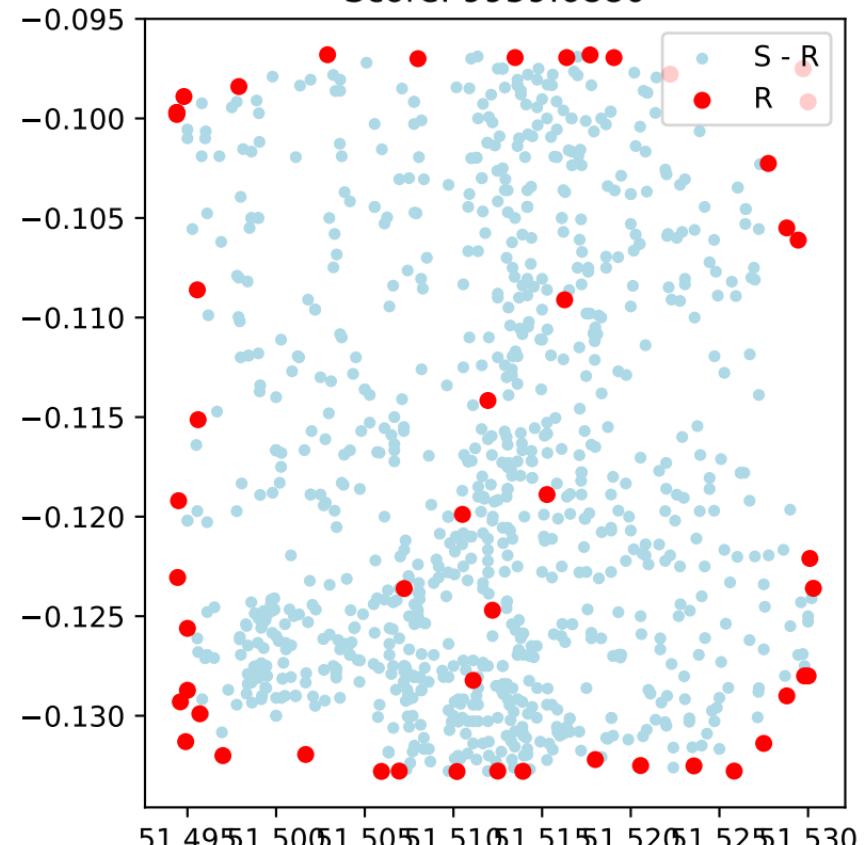


Oversampling

Score: 8444.9112

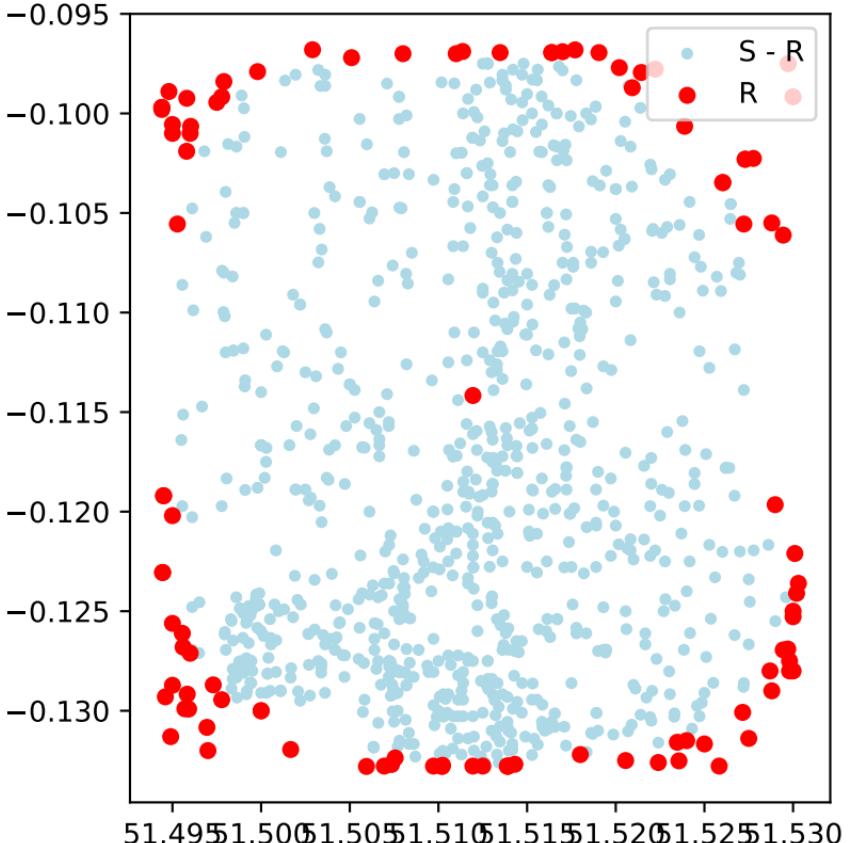


Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=50 | G=256 (16x16)

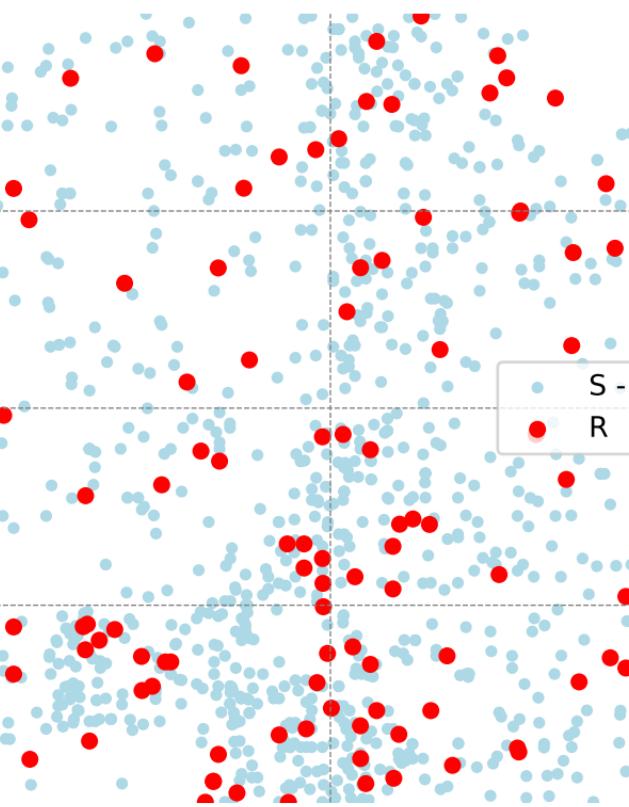


Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=100 | G=8 (2x4)

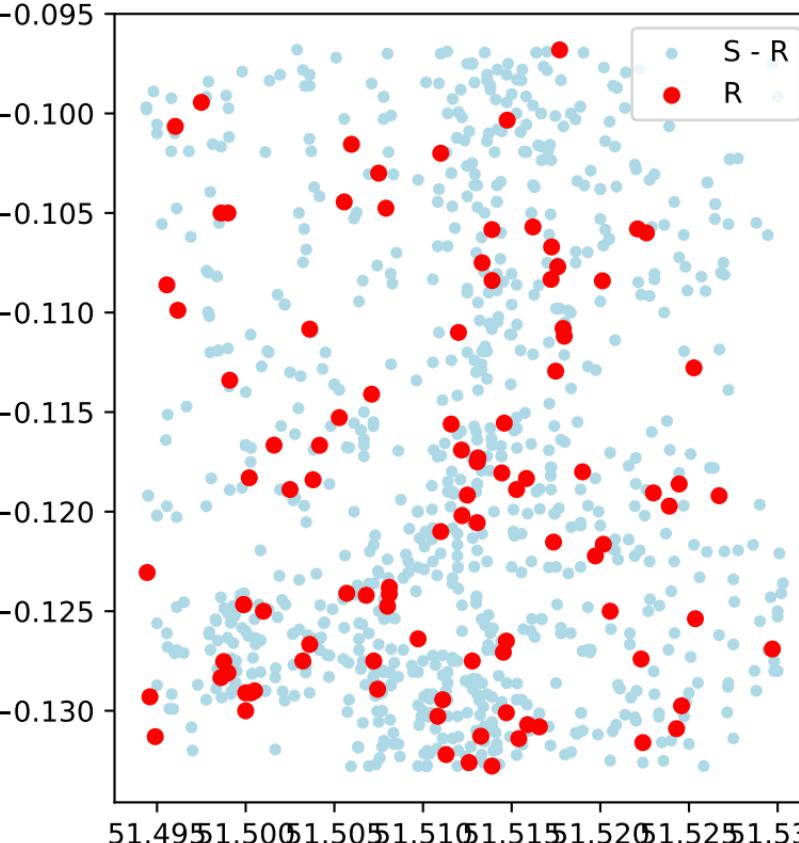
Baseline No R
Score: 7156.2442



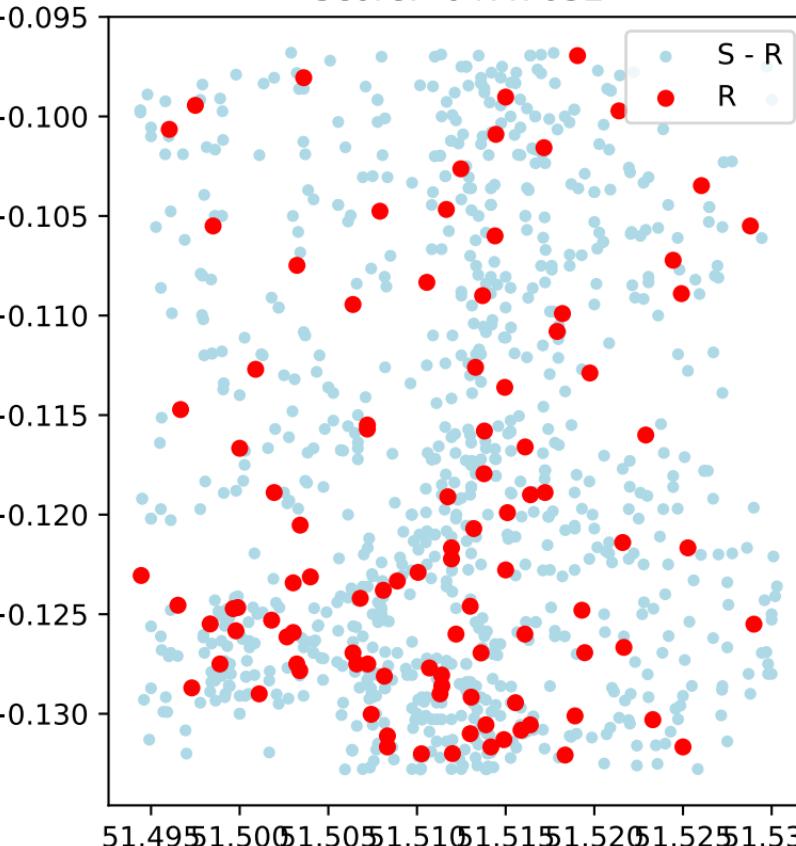
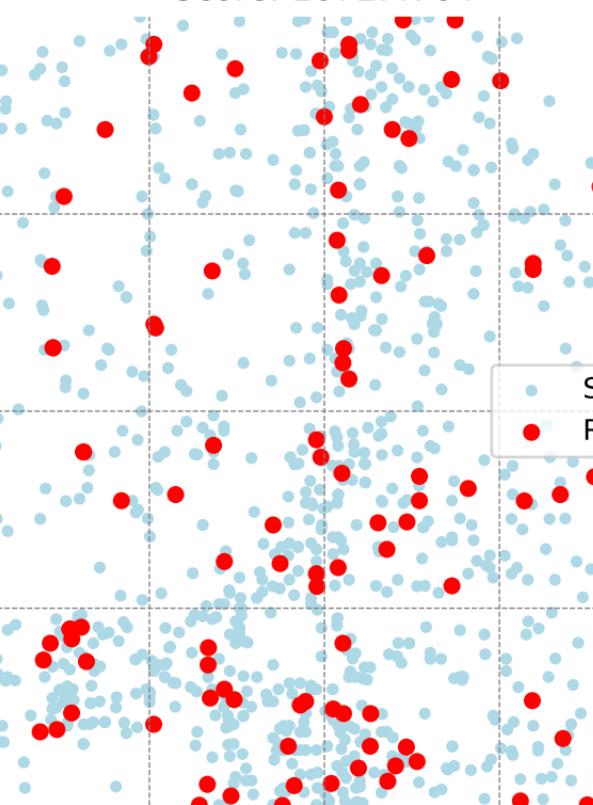
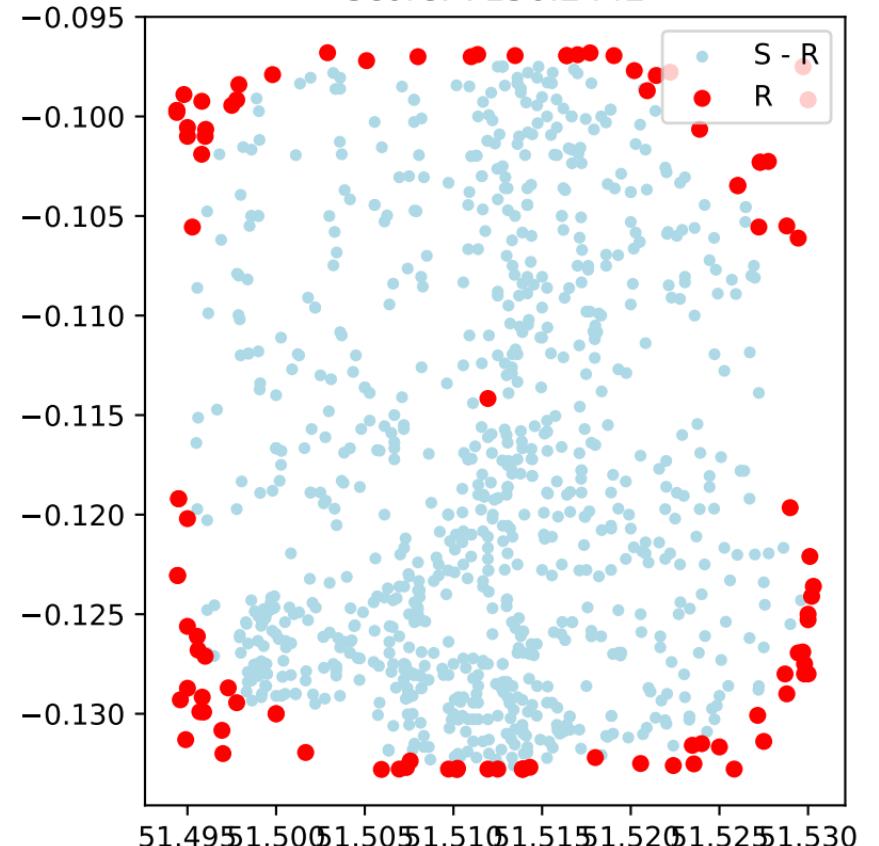
Grid Sampling
Score: 1273.3789



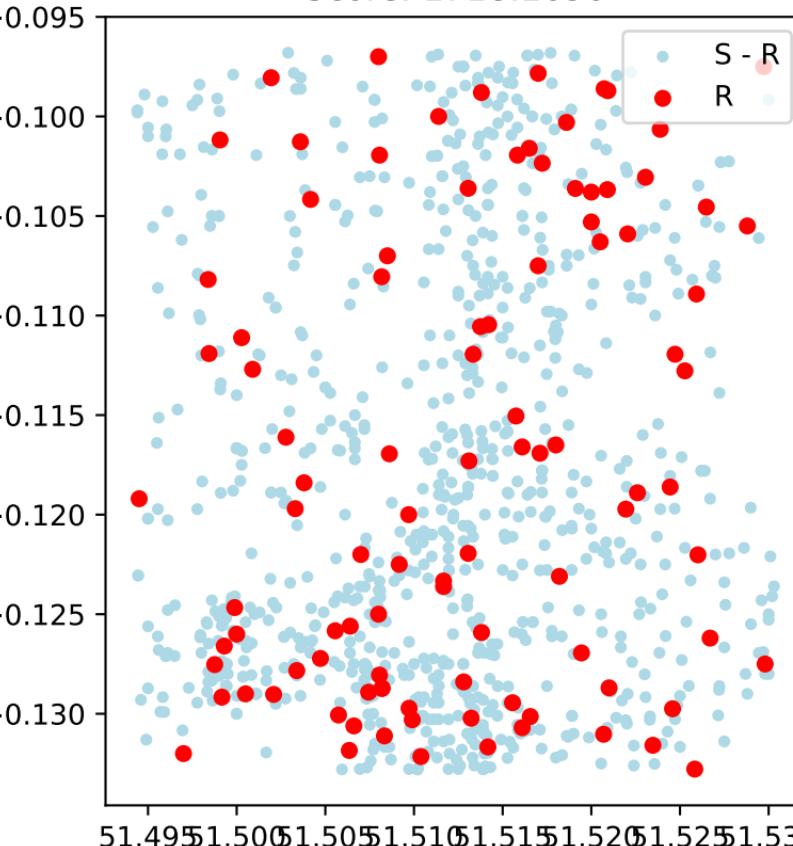
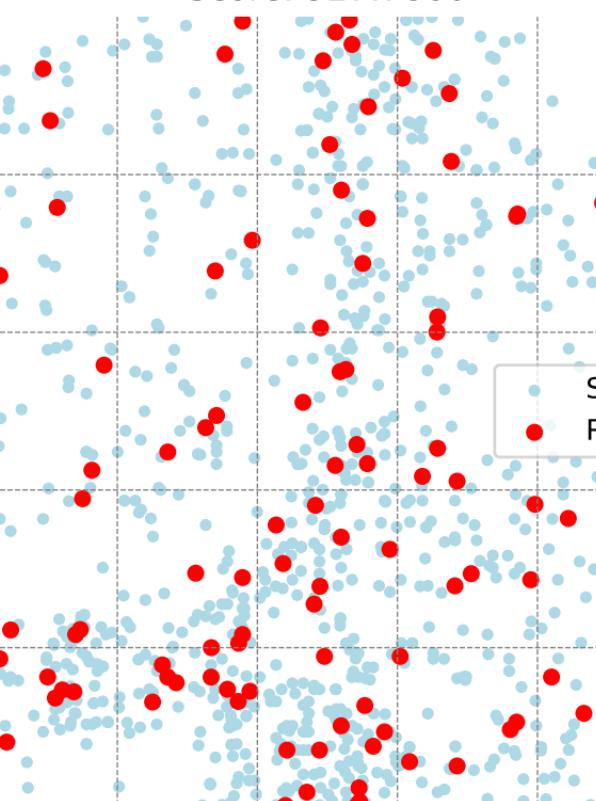
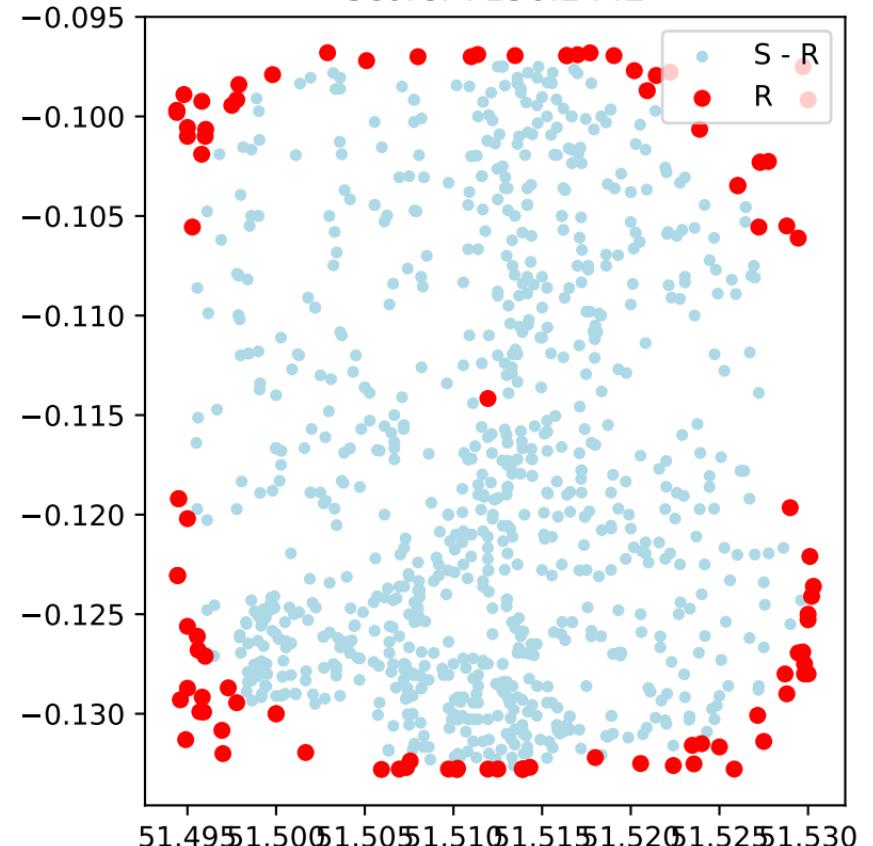
Sampling
Score: -60.2193



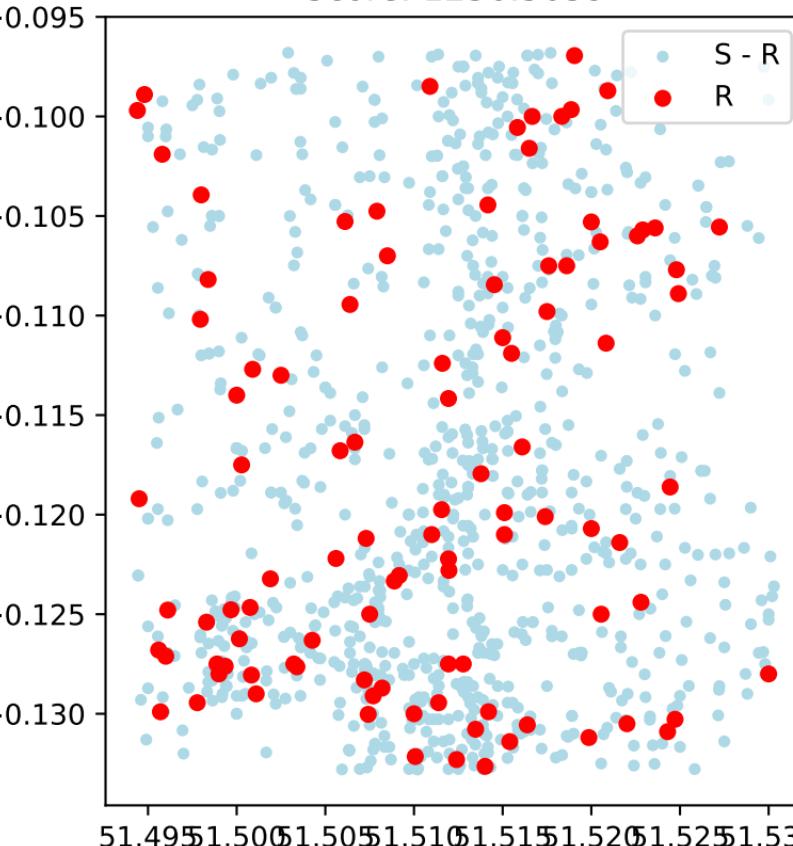
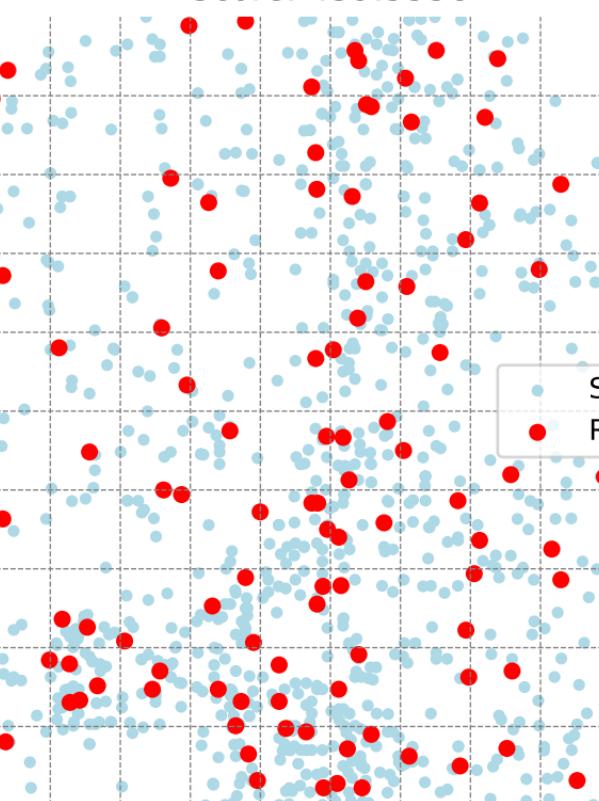
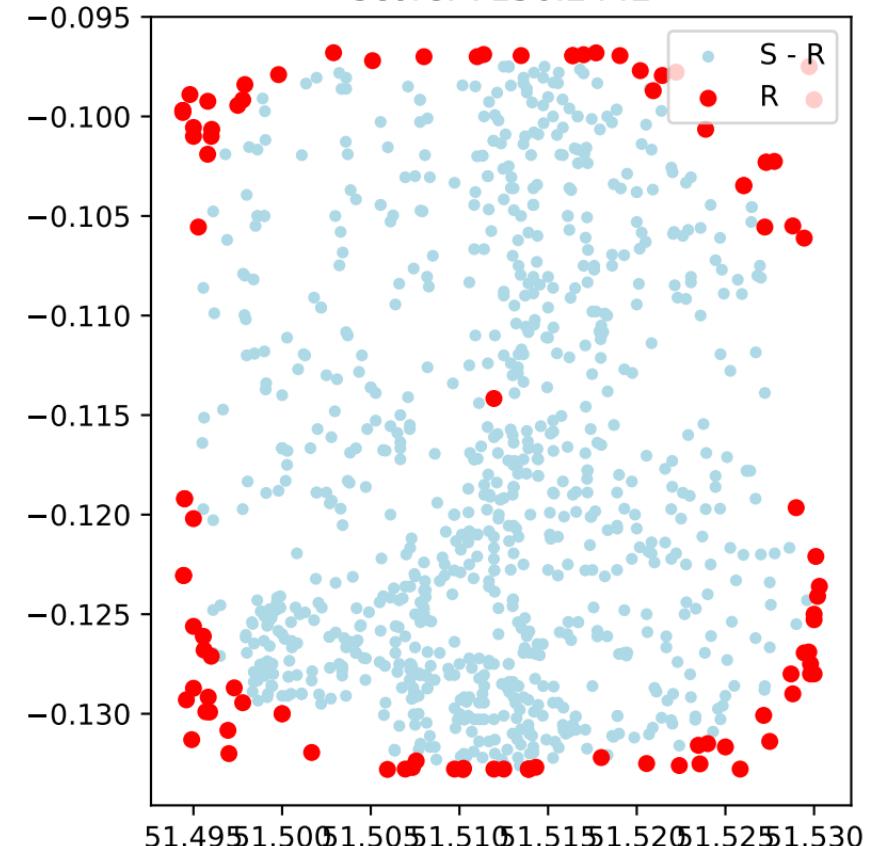
Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=100 | G=16 (4x4)



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=100 | G=25 (5x5)



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=100 | G=100 (10x10)

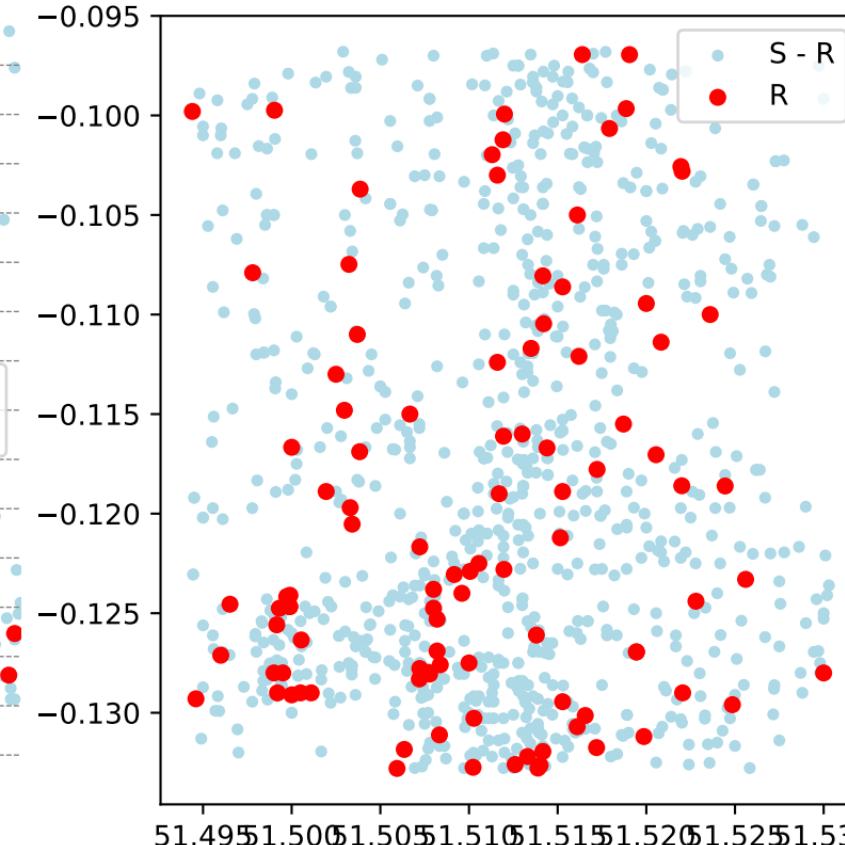
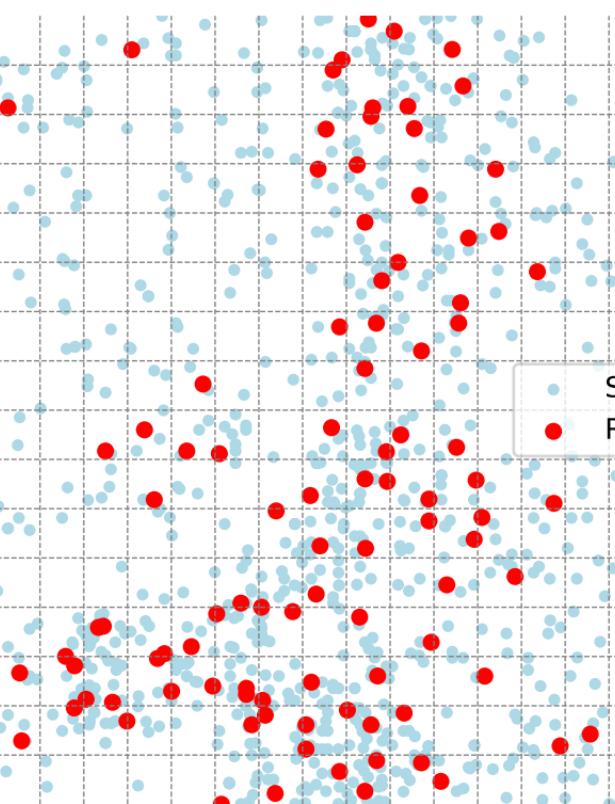
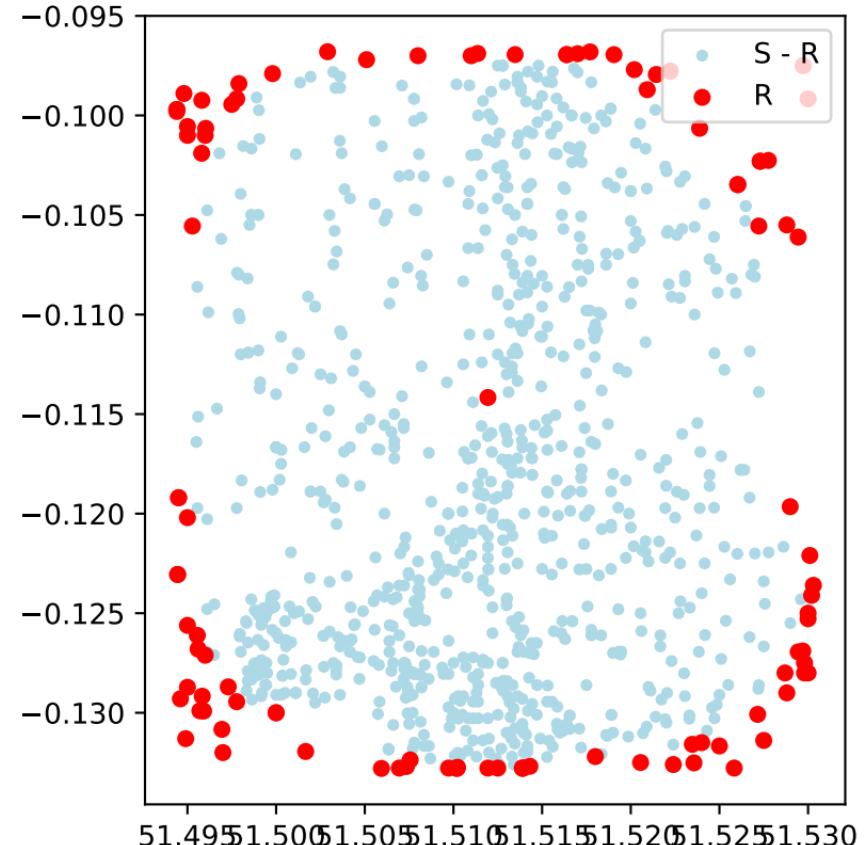


Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=100 | G=256 (16x16)

Base Padu No R
Score: 7156.2442

Grid Sampling
Score: -323.1254

Sampling
Score: -315.1658

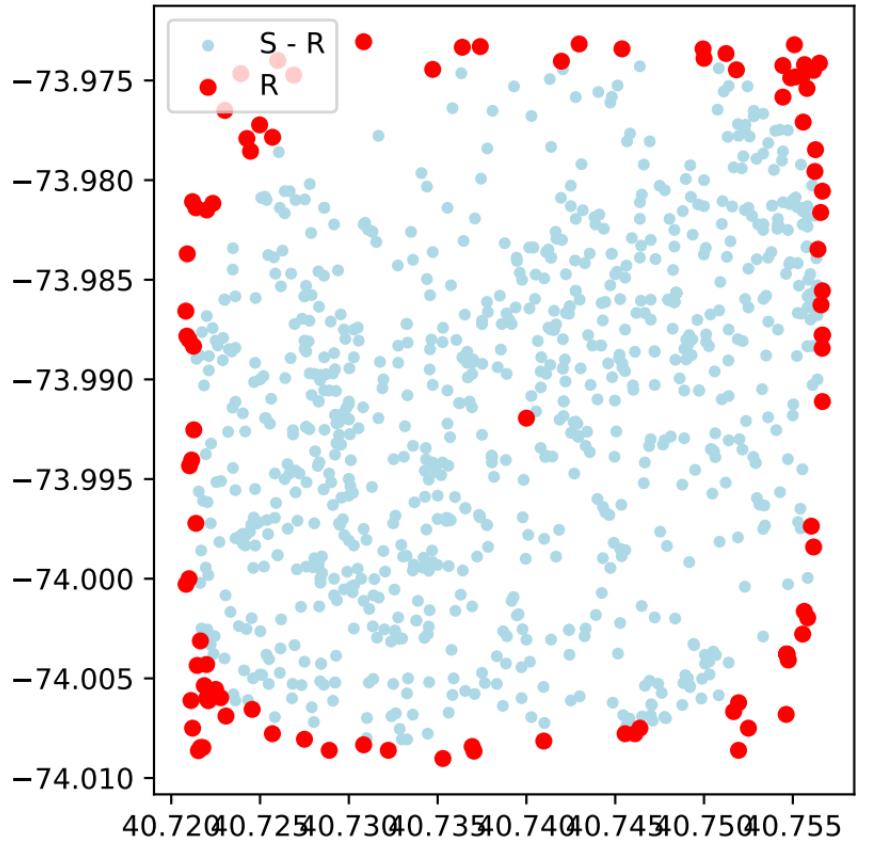


Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=100 | G=8 (2x4)

Baseline

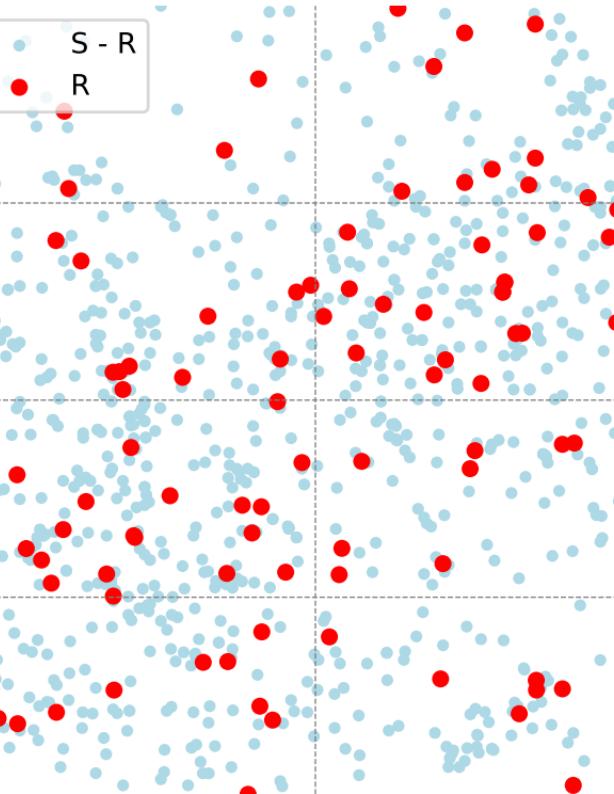
No R

Score: 6927.0909



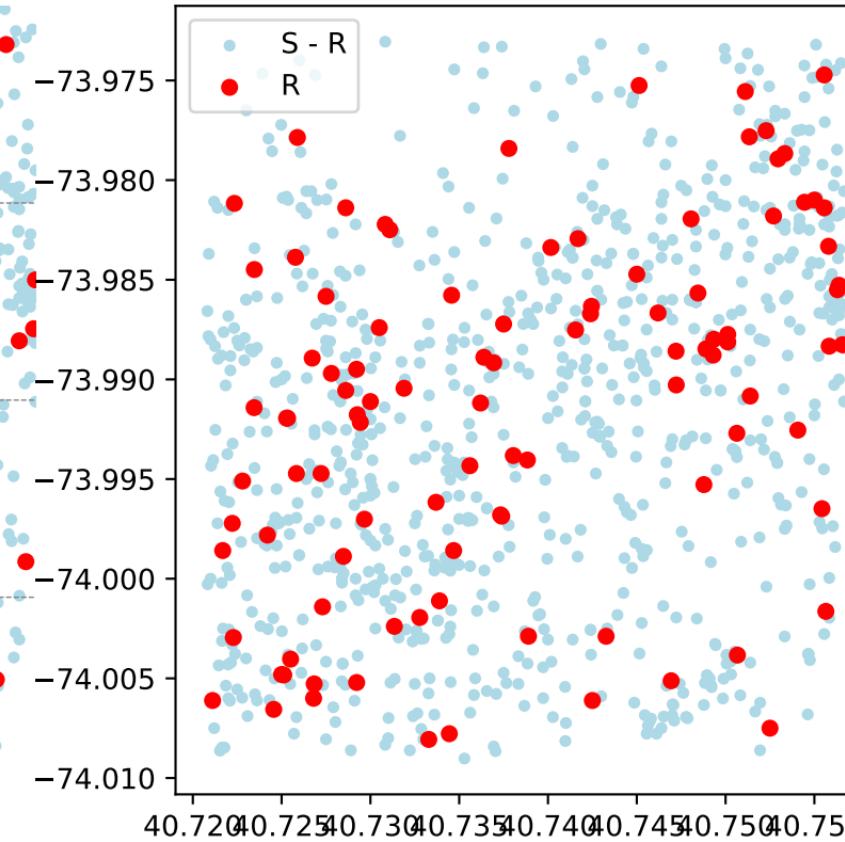
Grid Sampling

Score: 540.2848

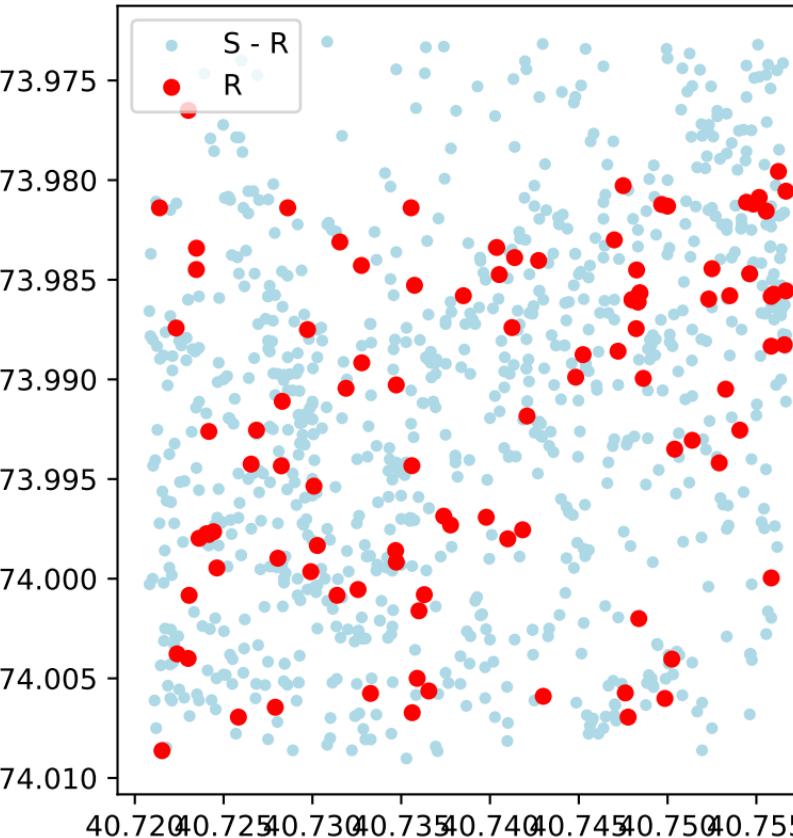
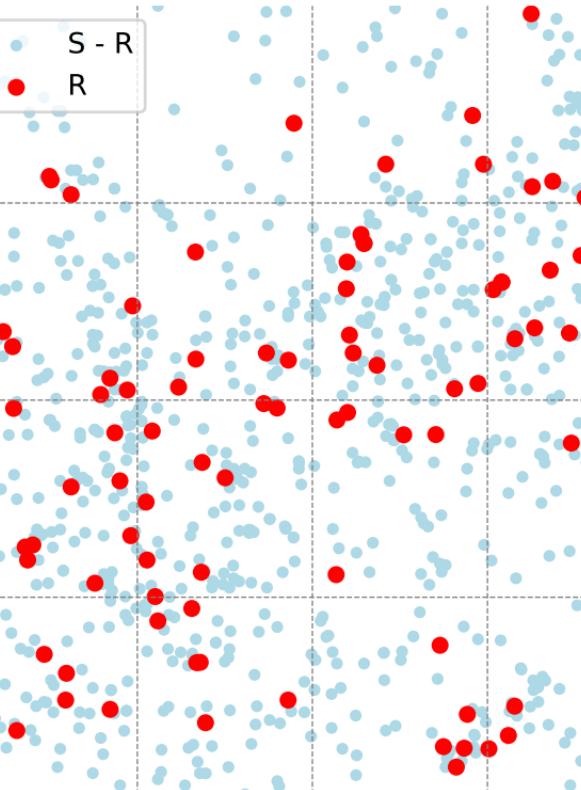
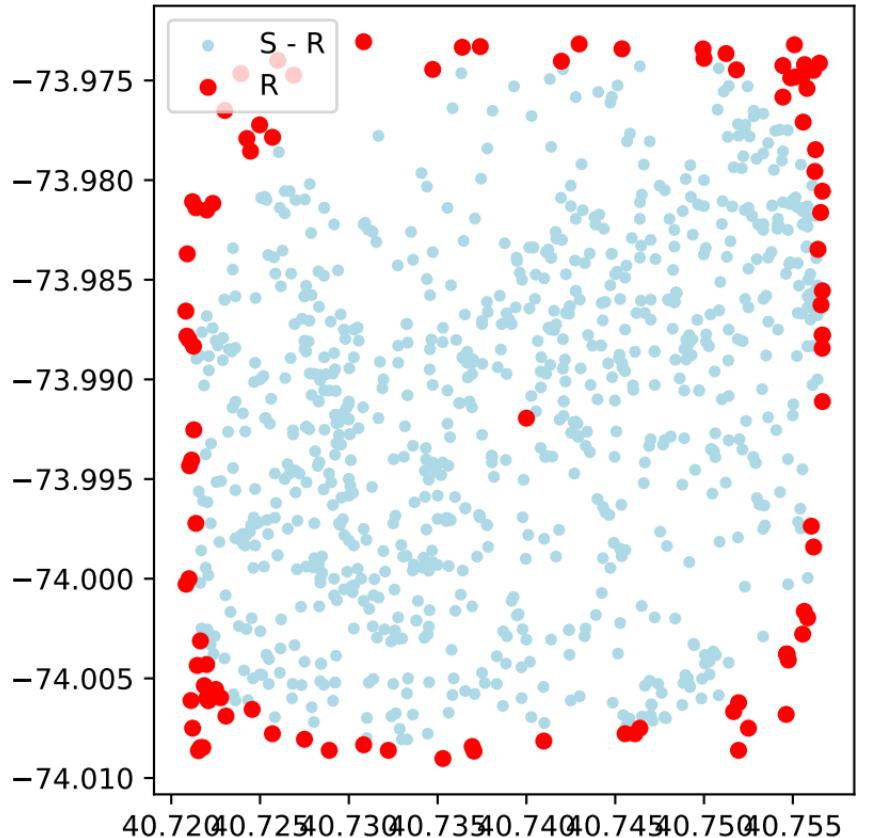


Sampling

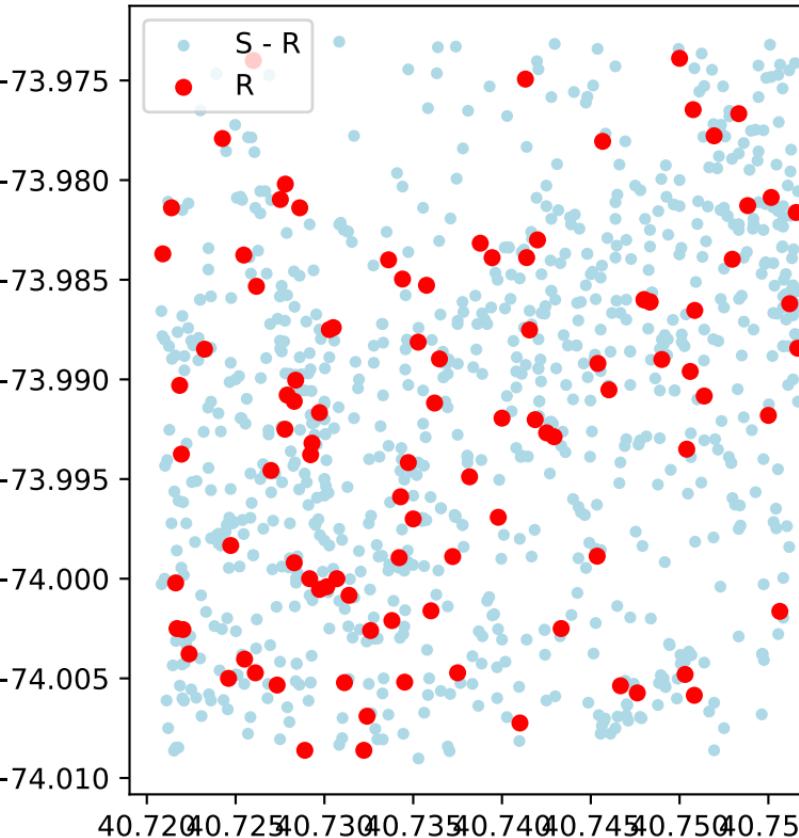
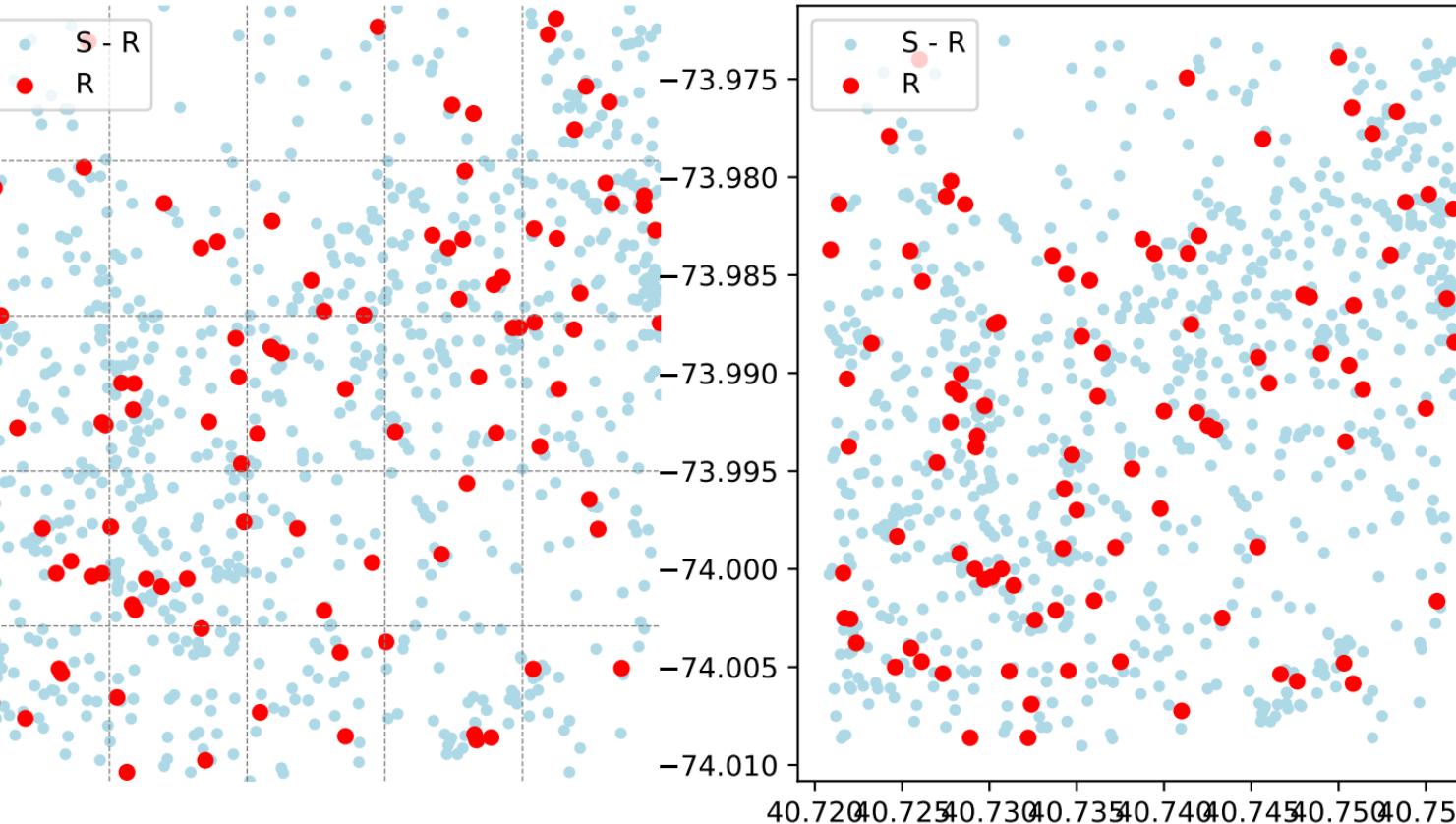
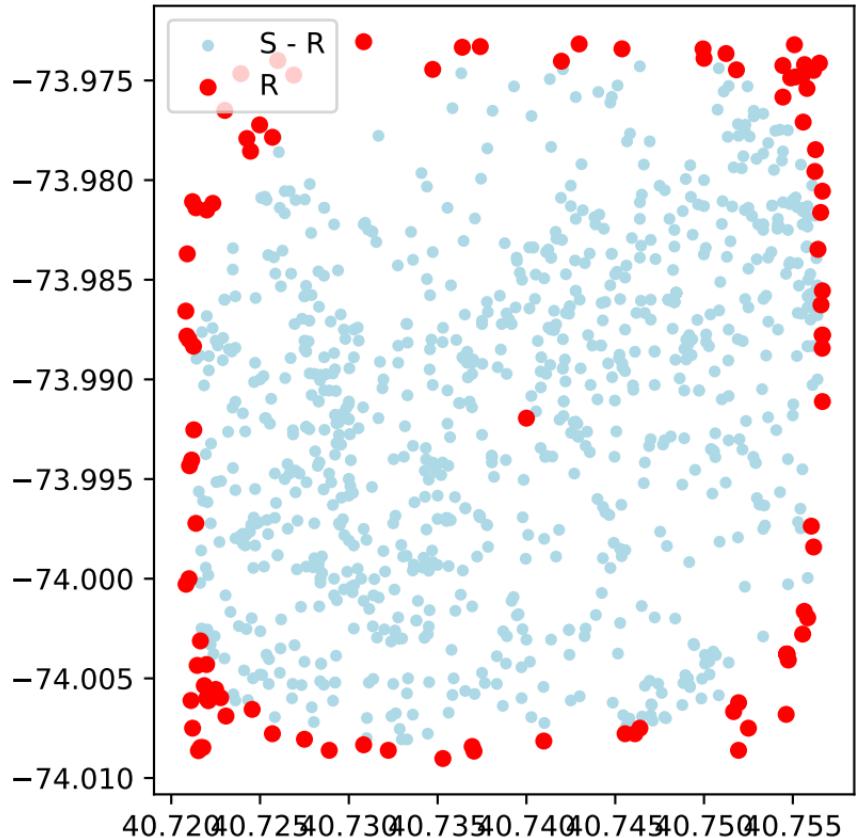
Score: 1012.2116



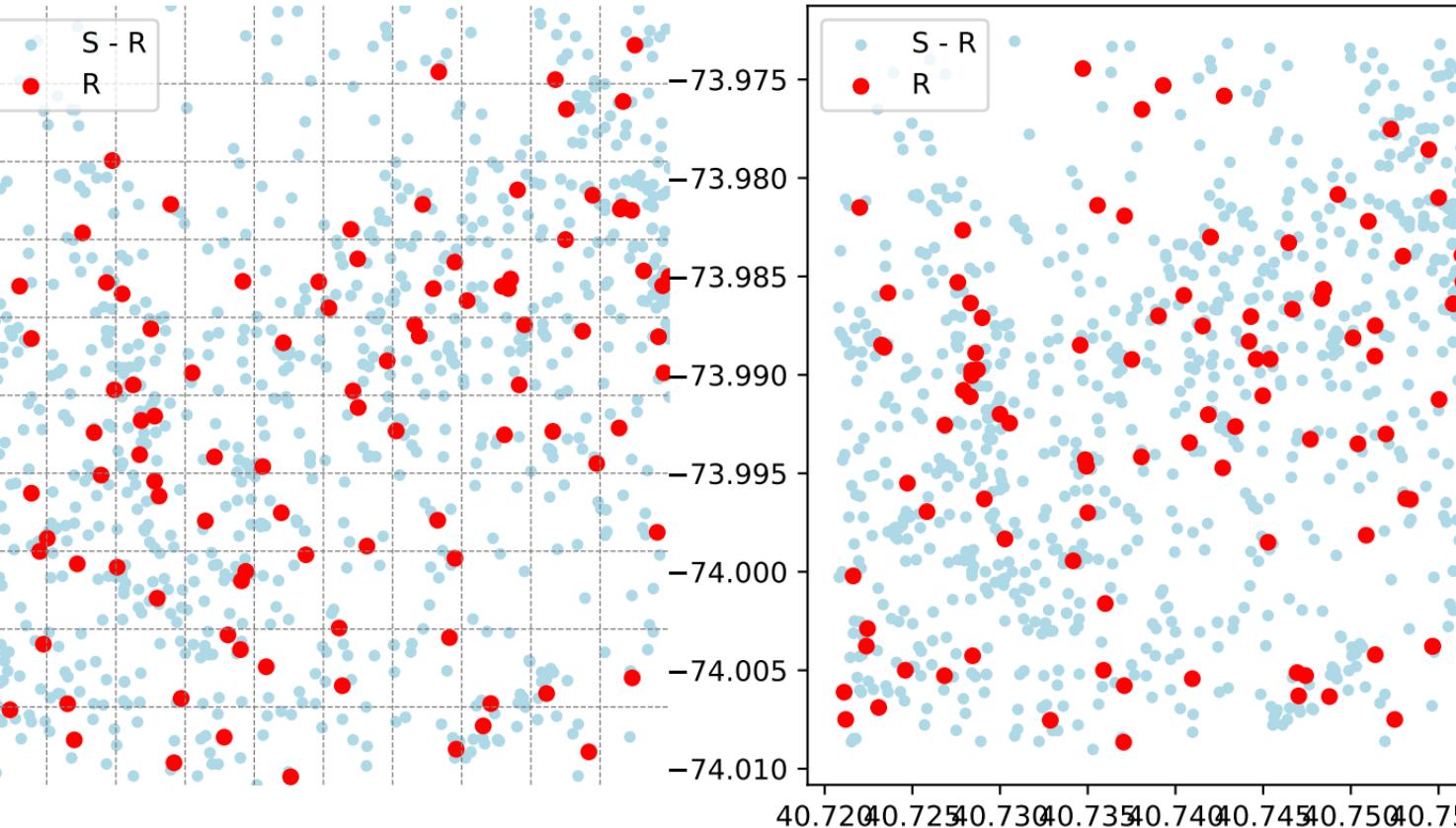
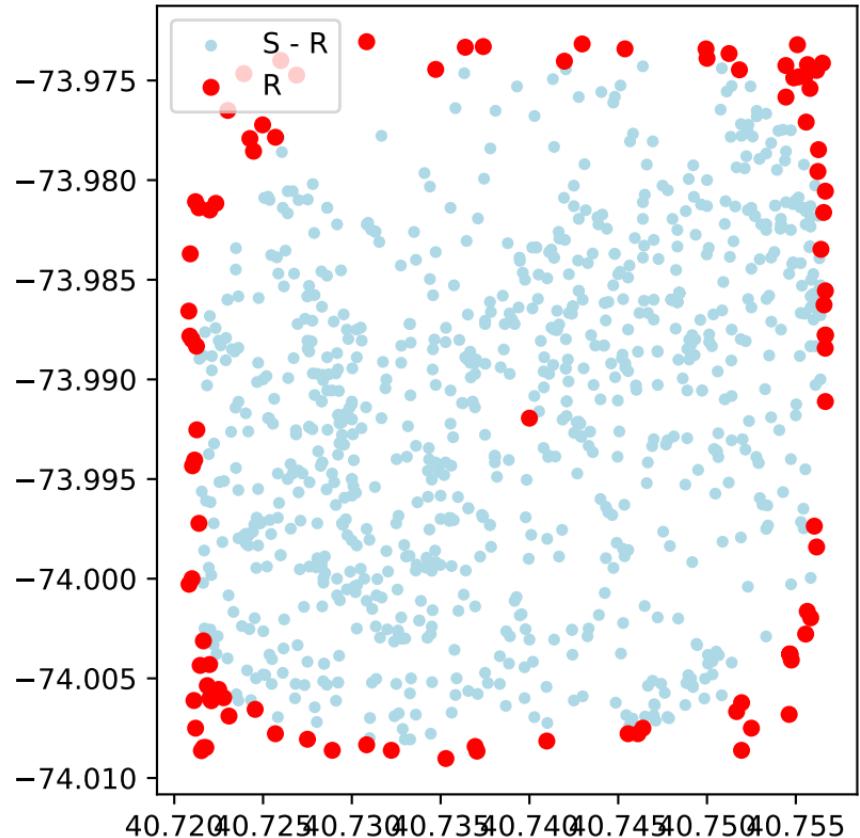
Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=100 | G=16 (4x4)
Base IAU No R
Score: 6927.0909



Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=100 | G=25 (5x5)
Base IAU No R Grid Sampling Sampling
Score: 6927.0909 Score: 913.7141 Score: 379.5103



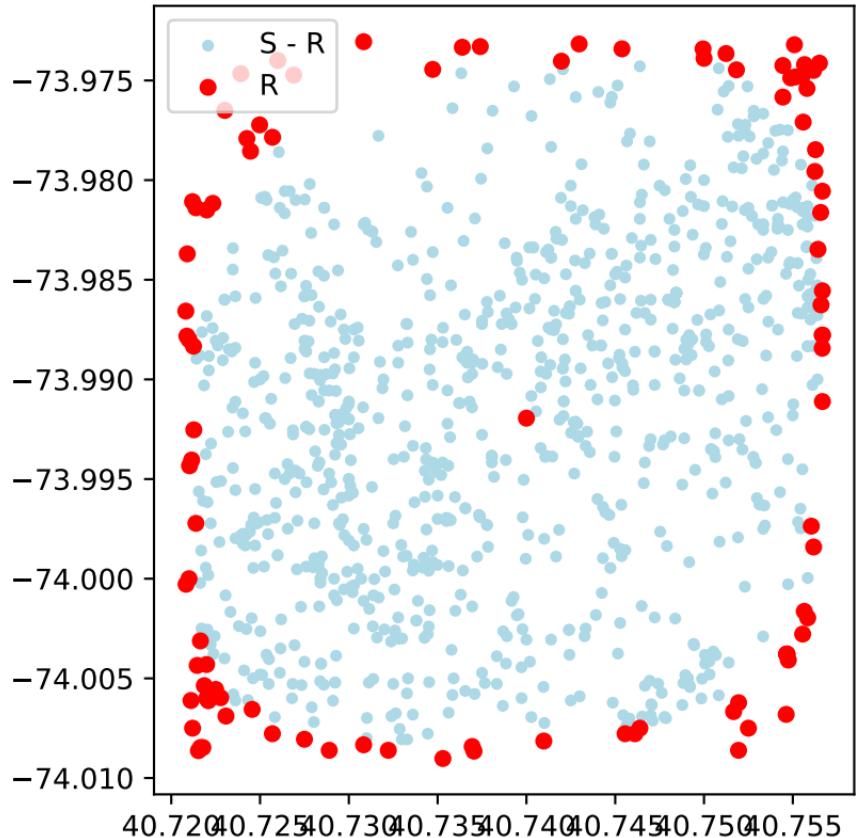
Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=100 | G=100 (10x10)
Base F1du No R Grid Sampling Sampling
Score: 6927.0909 Score: 351.2855 Score: 776.8970



Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=100 | G=256 (16x16)

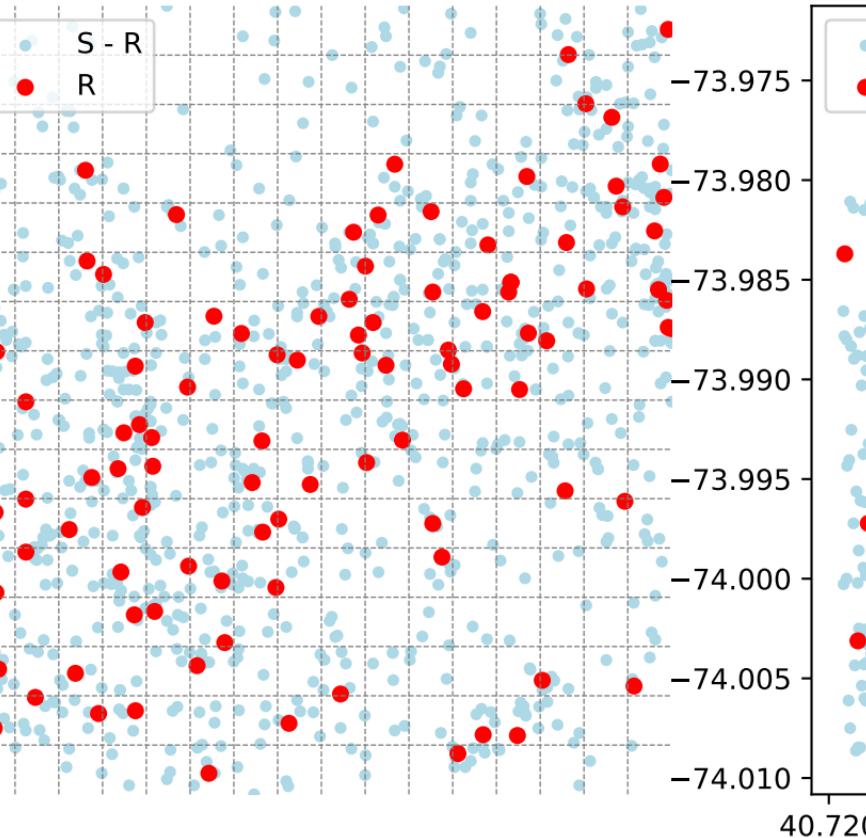
Base Padu No R

Score: 6927.0909



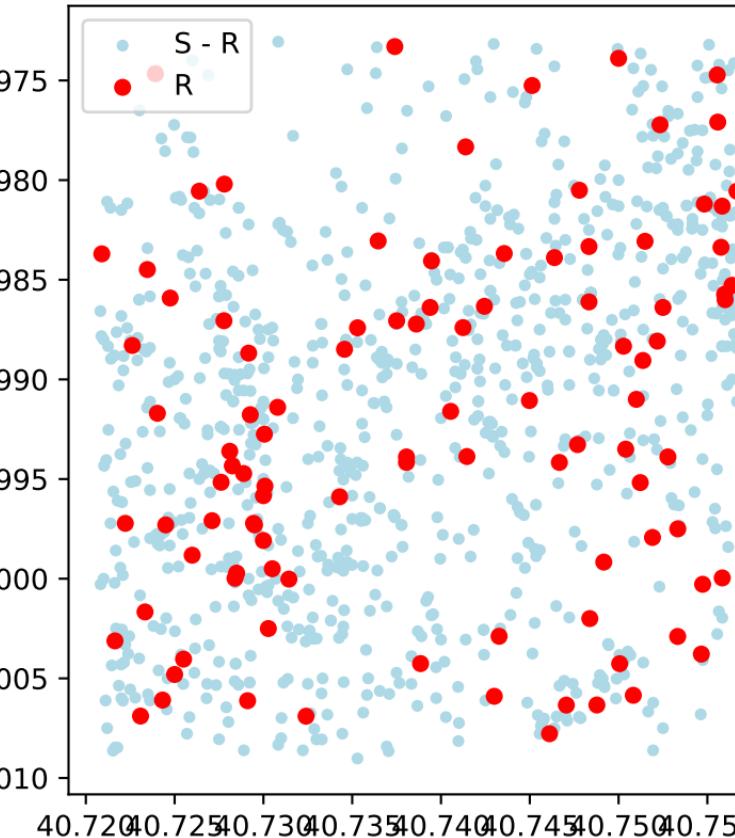
Grid Sampling

Score: -92.9643



Sampling

Score: 1397.4871



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=100 | G=8 (2x4)

Baseline No R

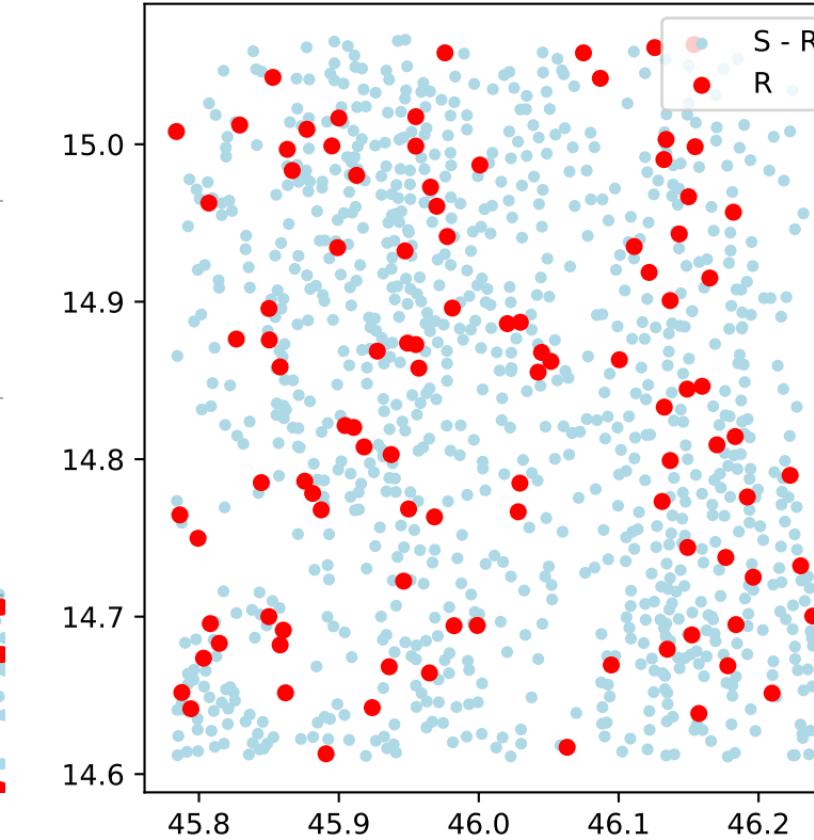
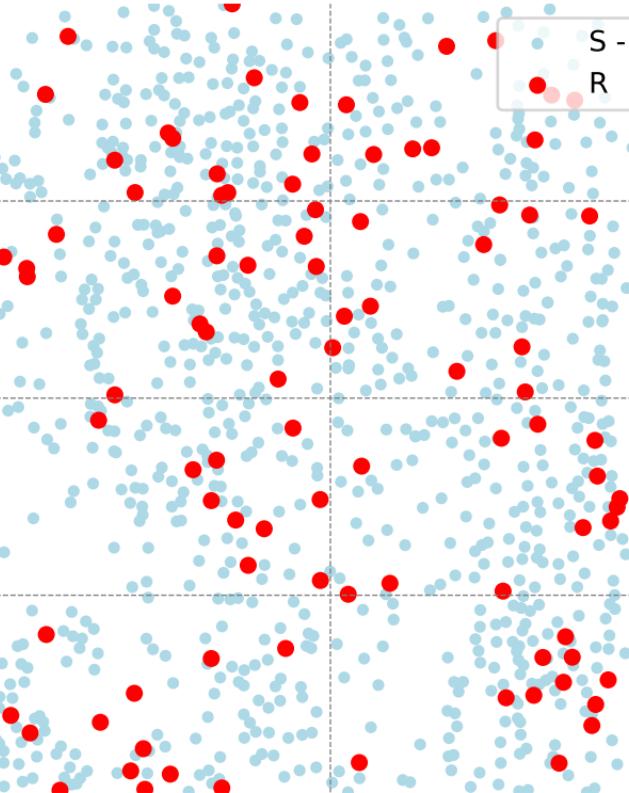
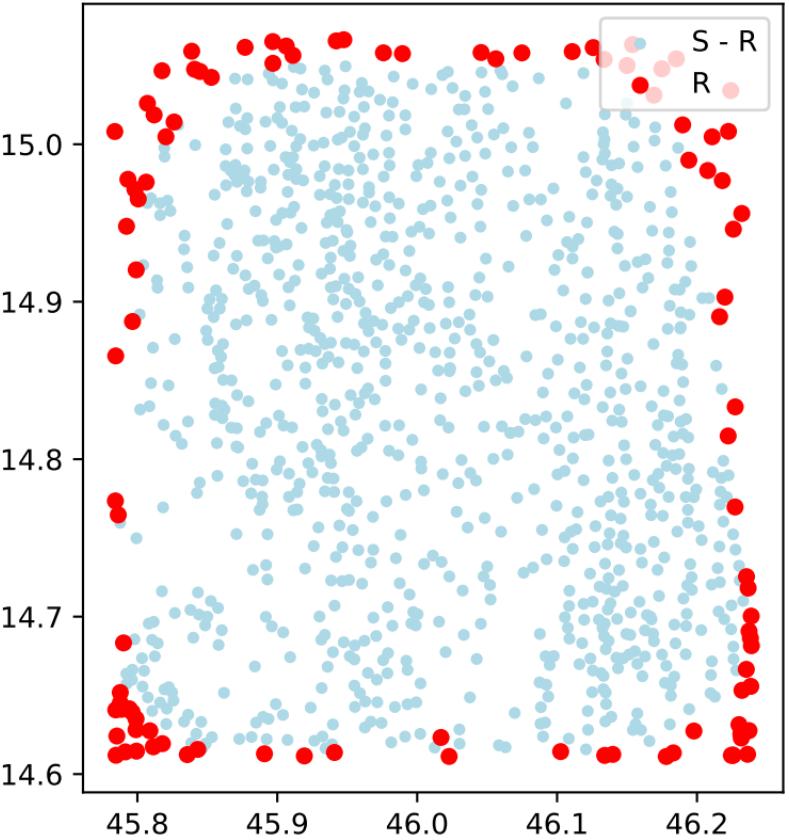
Score: 7114.9181

Grid Sampling

Score: 885.6380

Sampling

Score: 909.9971



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=100 | G=16 (4x4)

Base
Iadu
No R

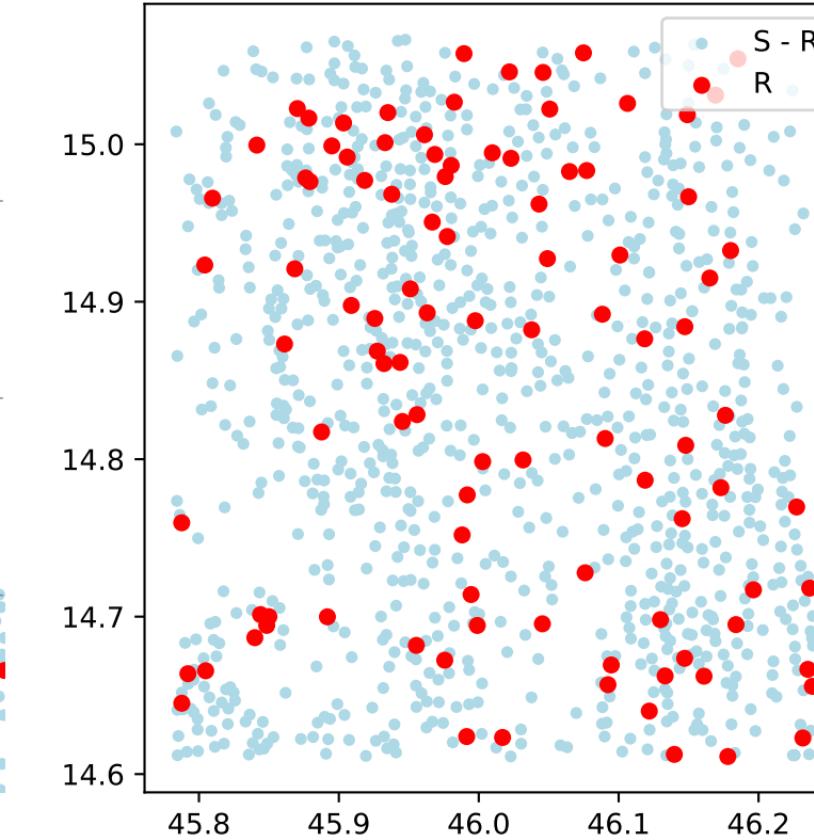
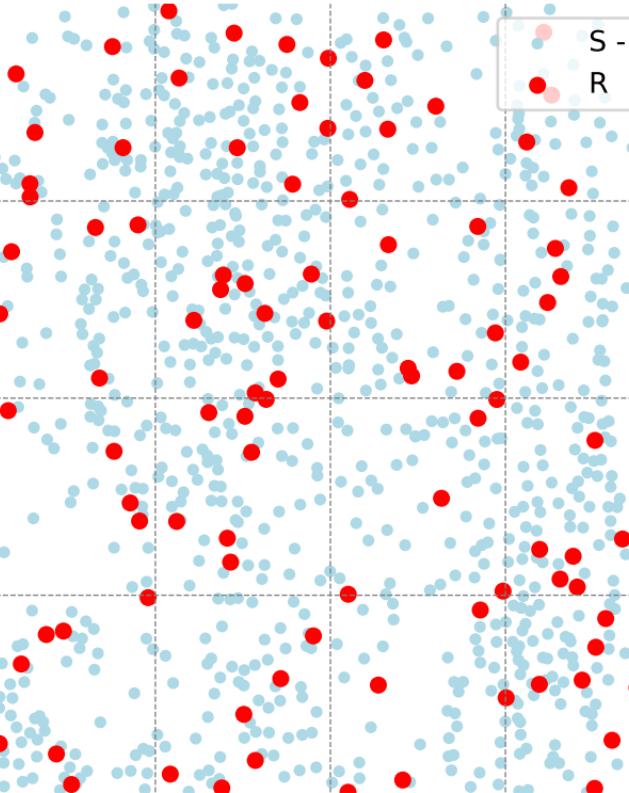
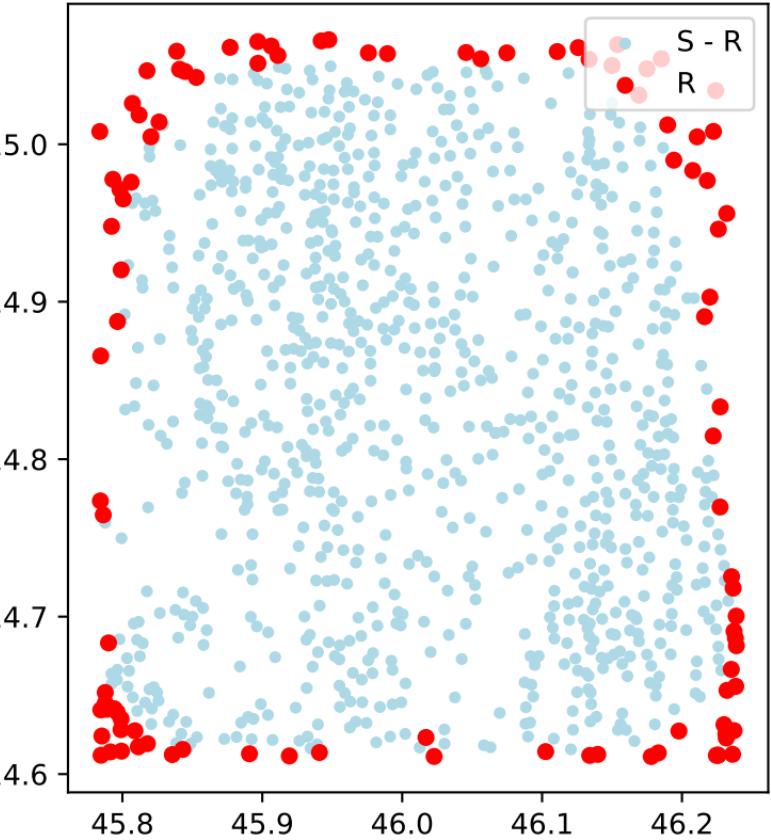
Grid
Sampling

Sampling

Score: 7114.9181

Score: 1083.0424

Score: 778.2591



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=100 | G=25 (5x5)

Base
Iadu
No R

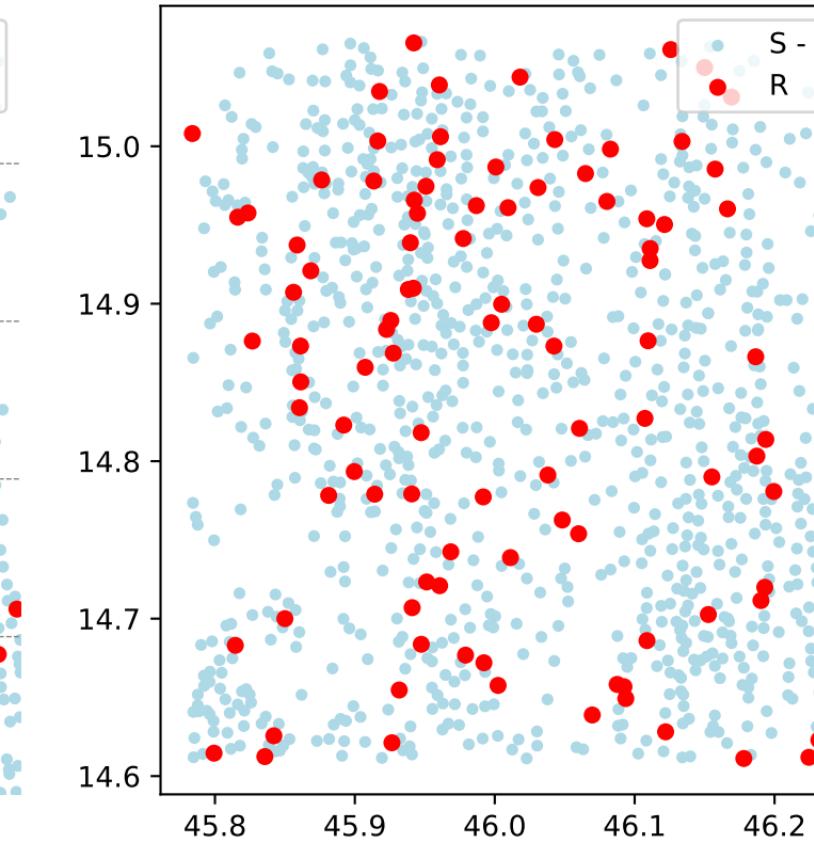
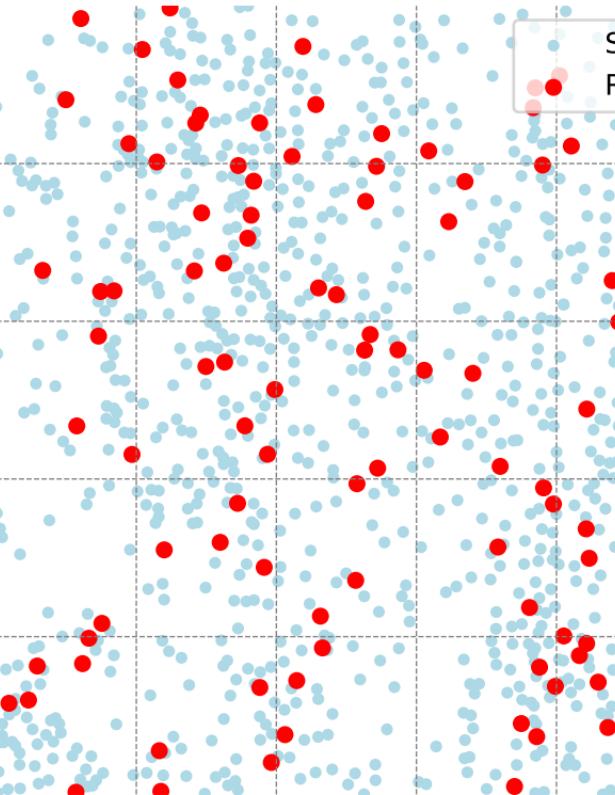
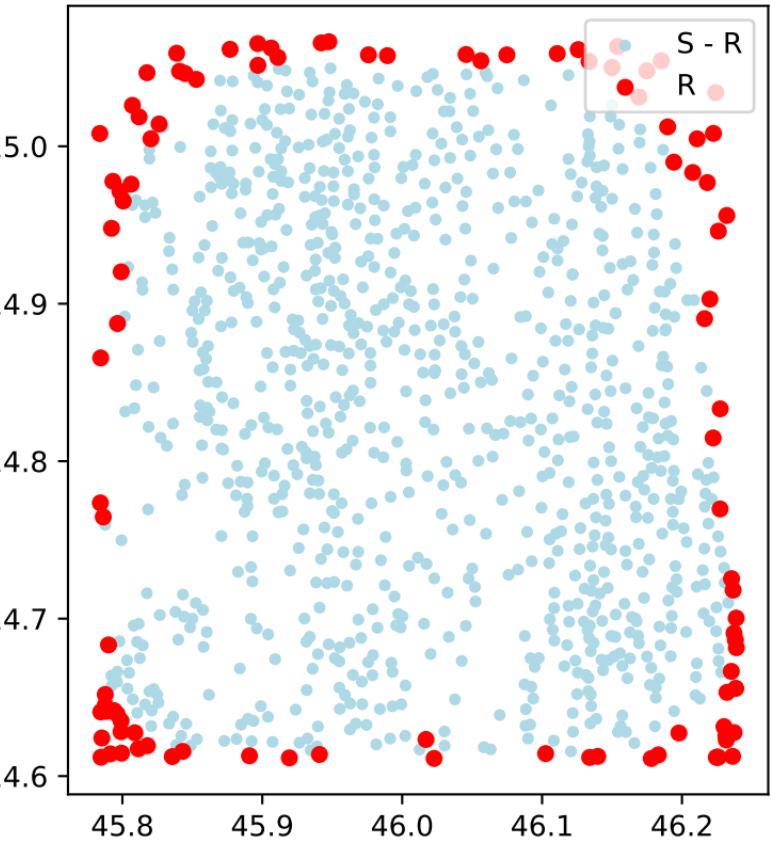
Grid
Sampling

Sampling

Score: 7114.9181

Score: 536.6043

Score: 223.8411



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=100 | G=100 (10x10)

Base Padu No R

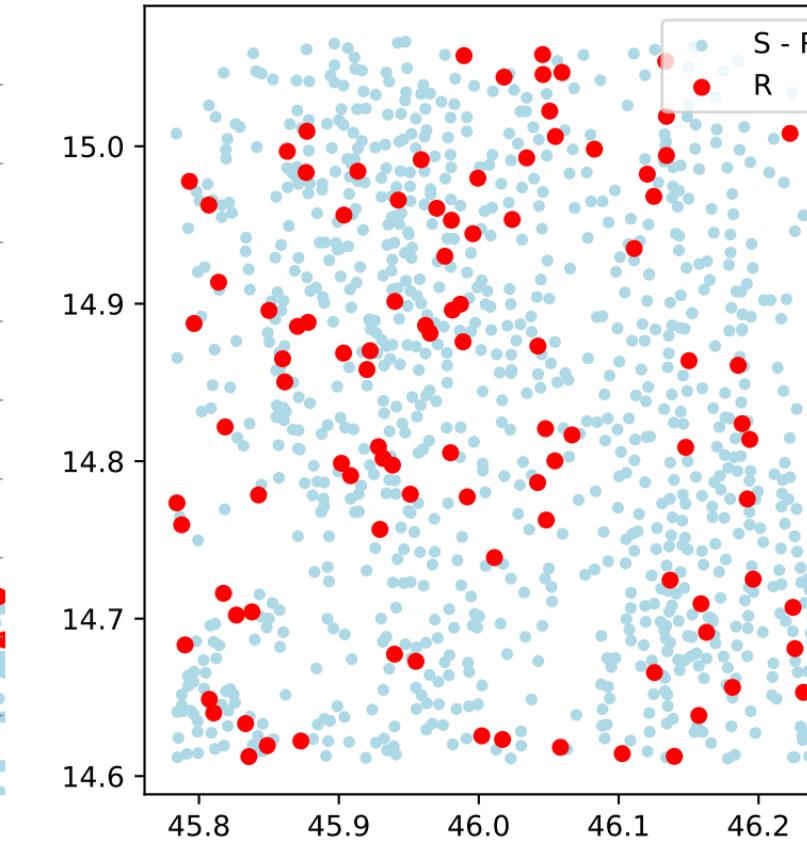
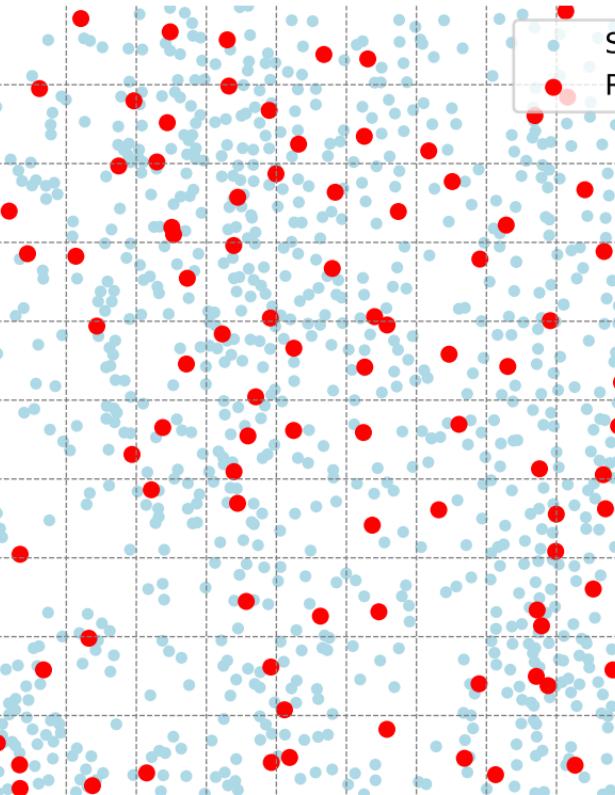
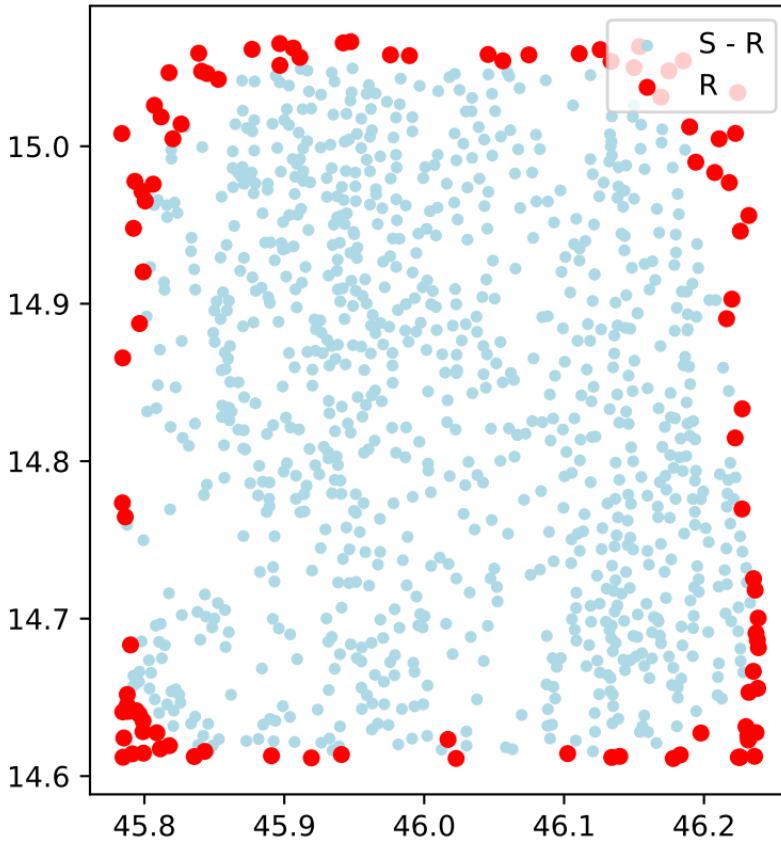
Score: 7114.9181

Grid Sampling

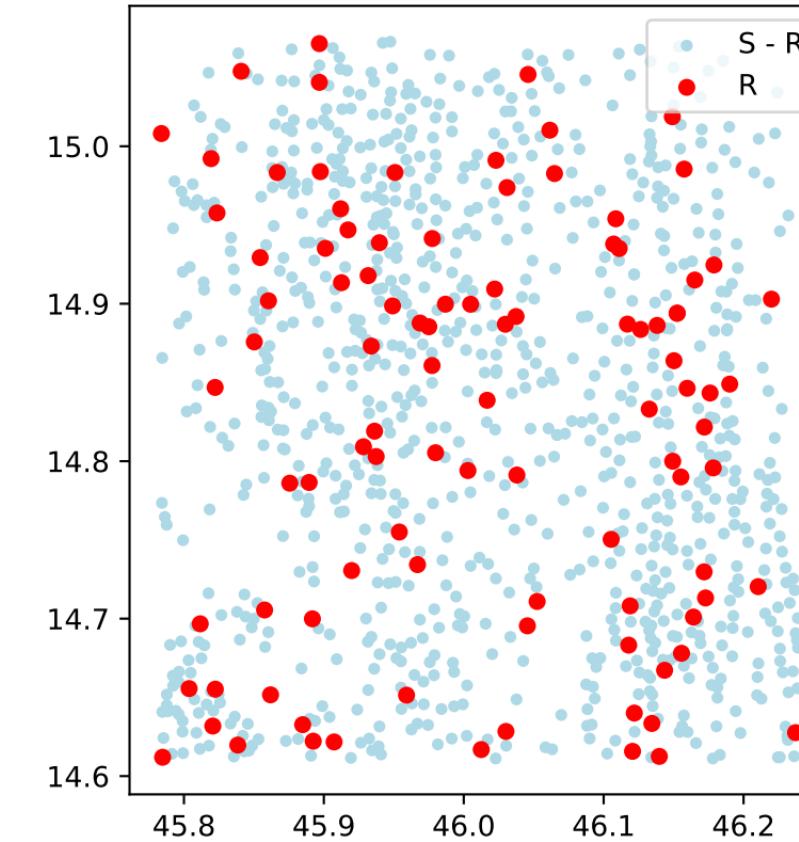
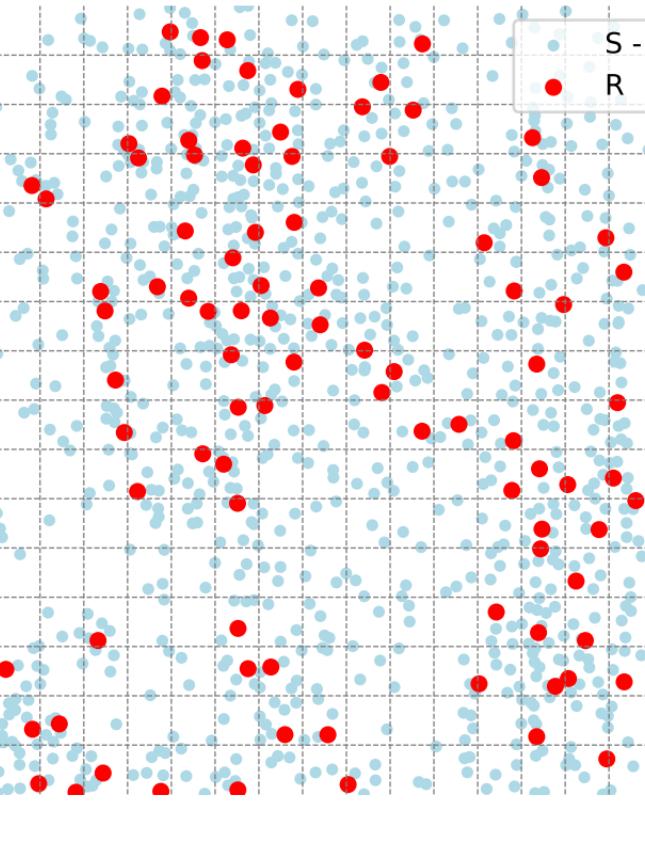
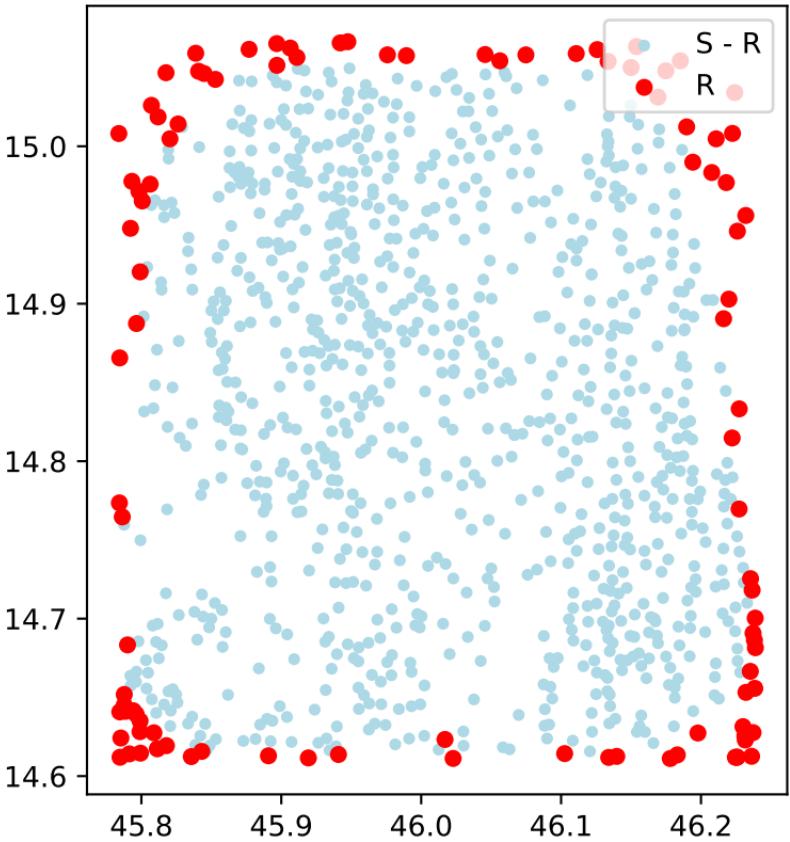
Score: 894.5347

Sampling

Score: 535.2731



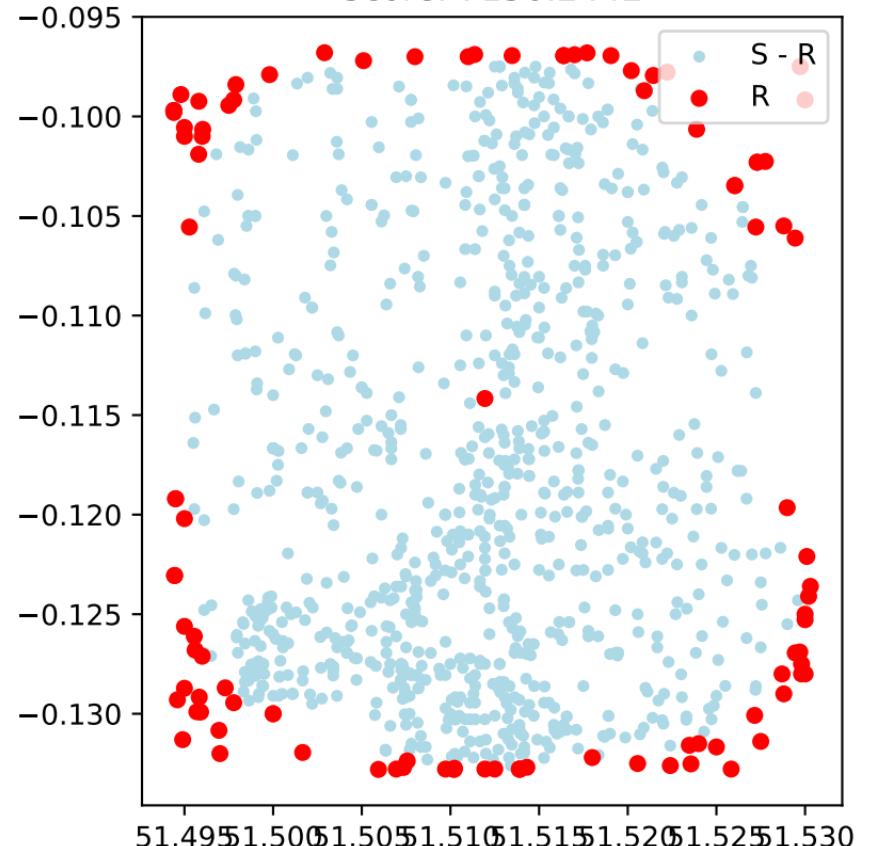
Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=100 | G=256 (16x16)
Base Padu No R | Grid Sampling | Sampling
Score: 7114.9181 Score: 524.2227 Score: 389.8988



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=100 | G=8 (2x4)

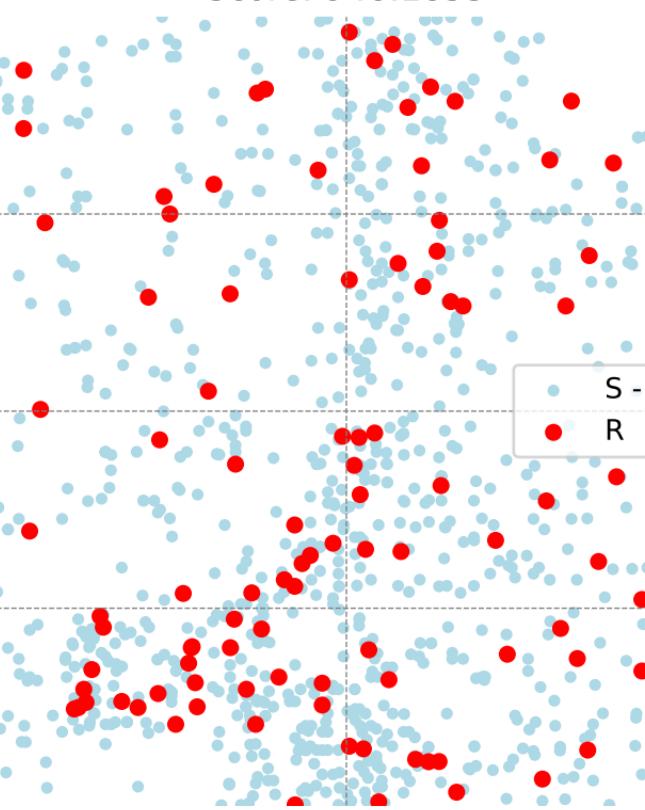
Baseline No R

Score: 7156.2442



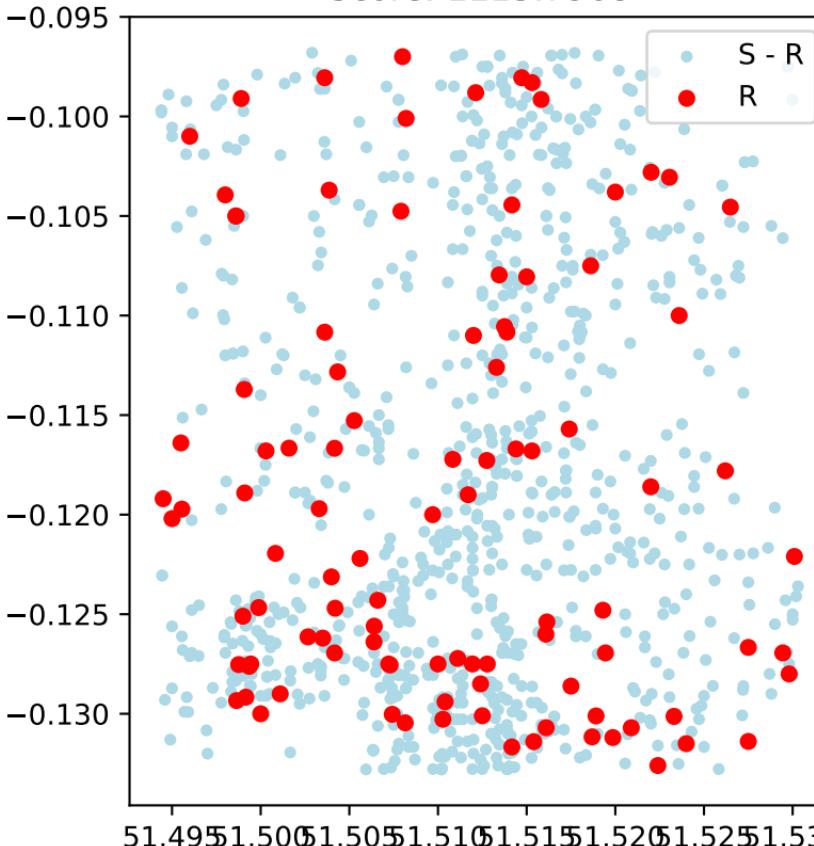
Grid Sampling

Score: 948.1855



Sampling

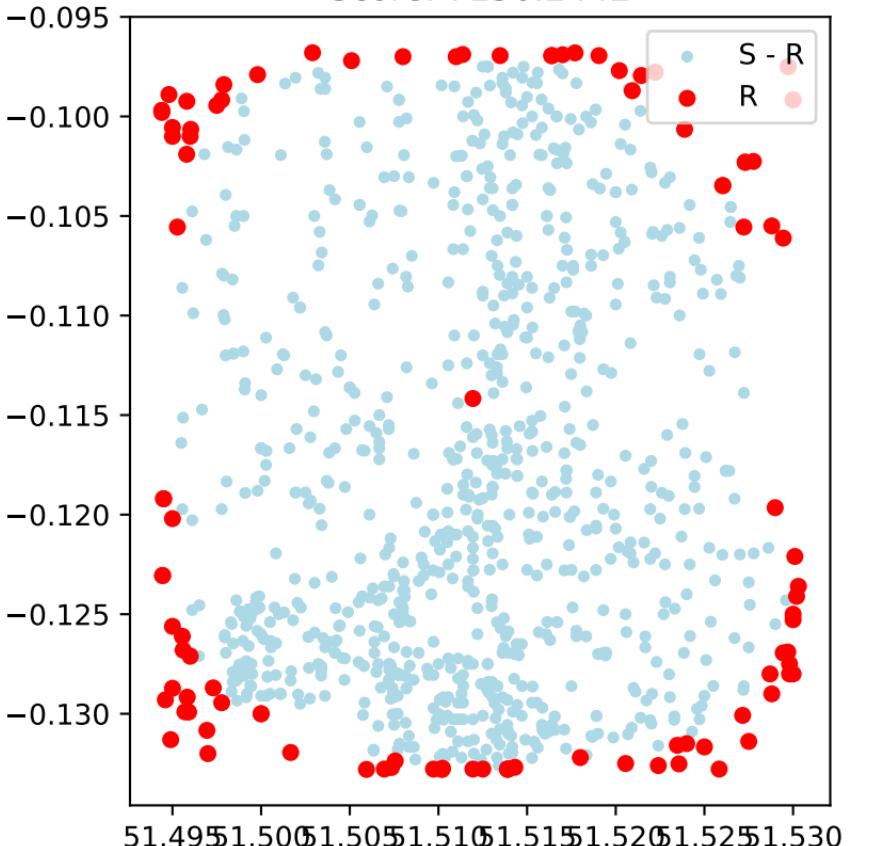
Score: 1113.7968



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=100 | G=16 (4x4)

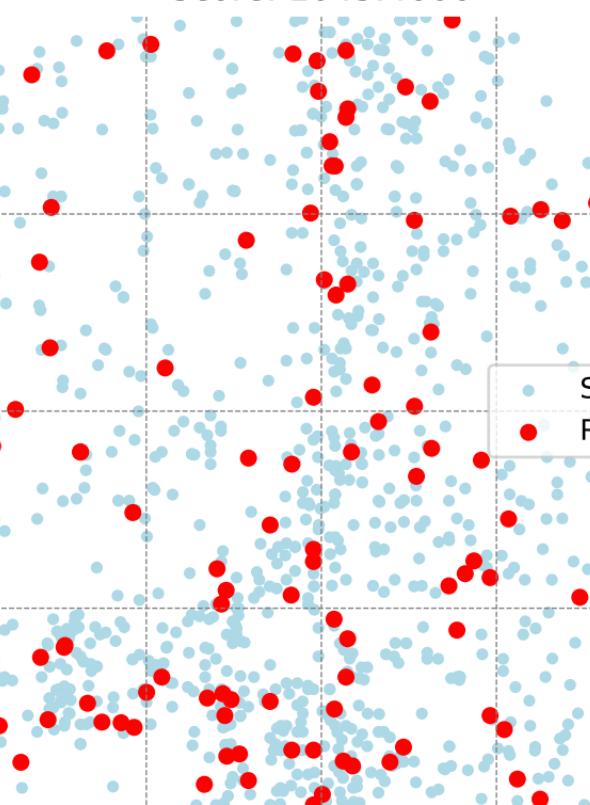
Base Iaddu No R

Score: 7156.2442



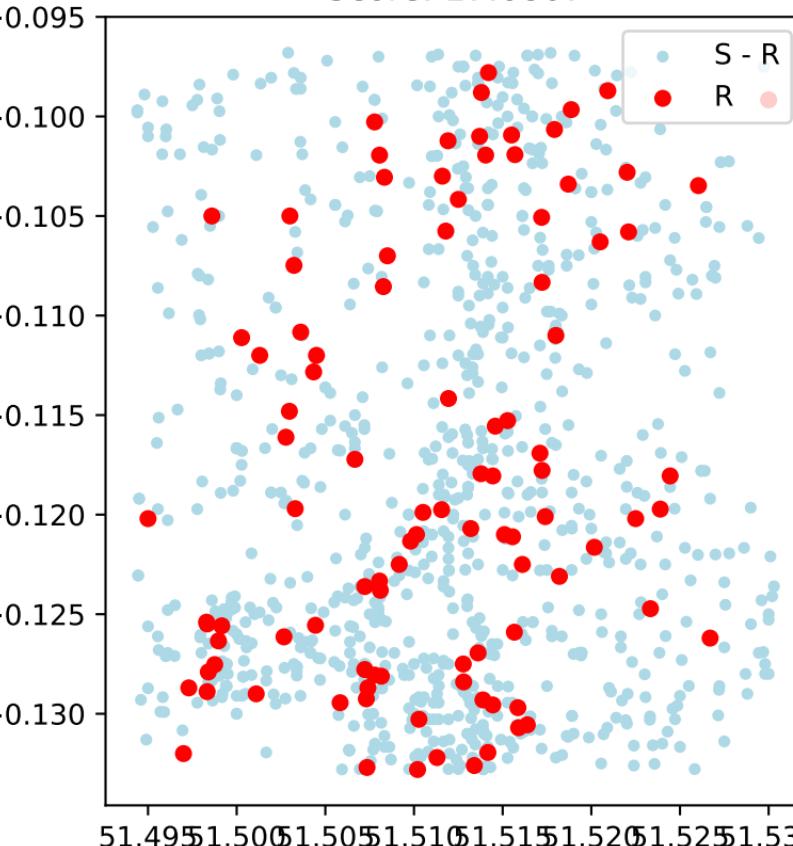
Grid Sampling

Score: 1043.4606



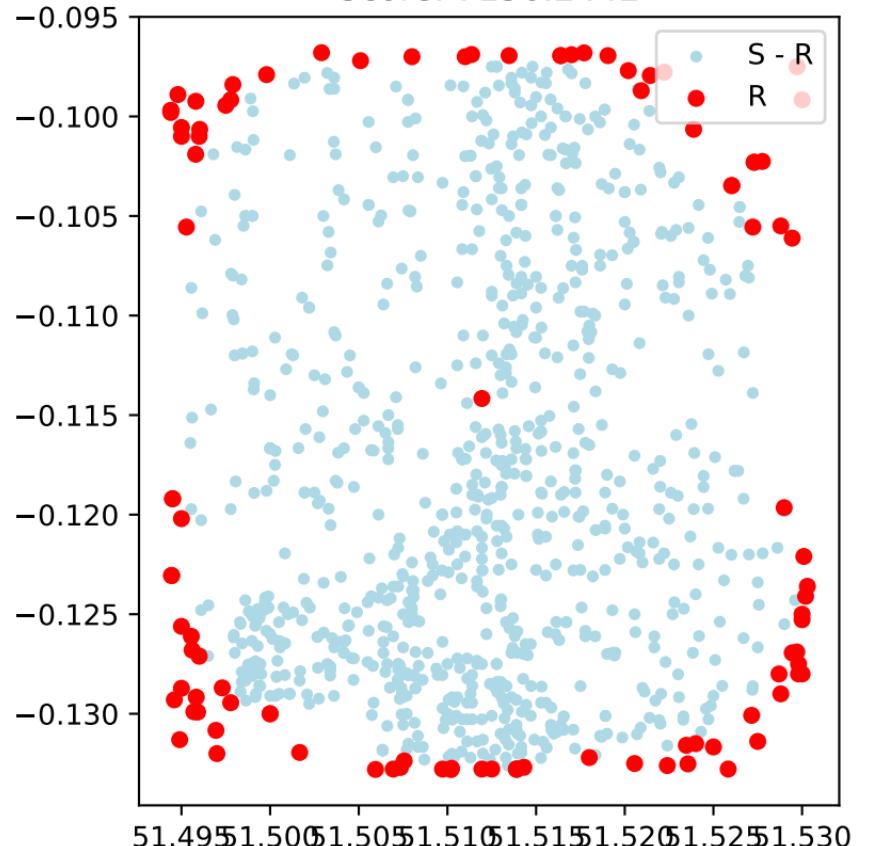
Sampling

Score: 17.6807

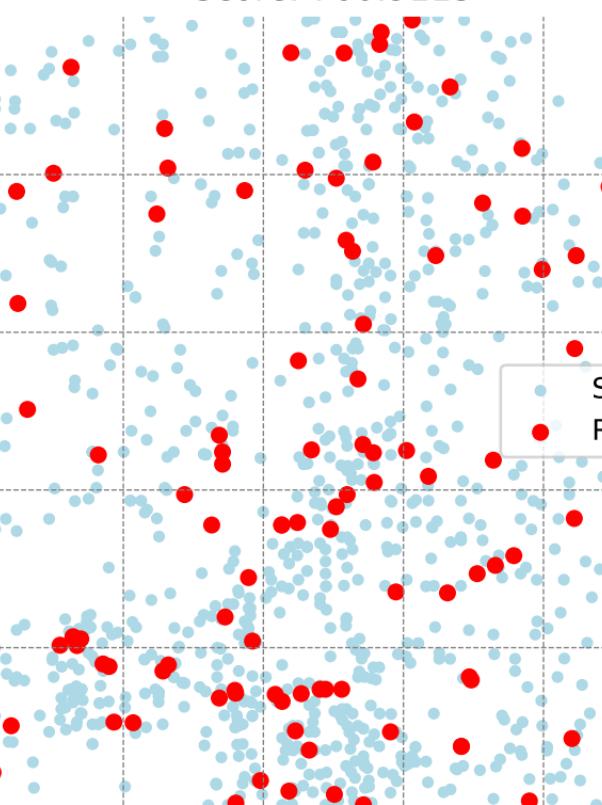


Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=100 | G=25 (5x5)

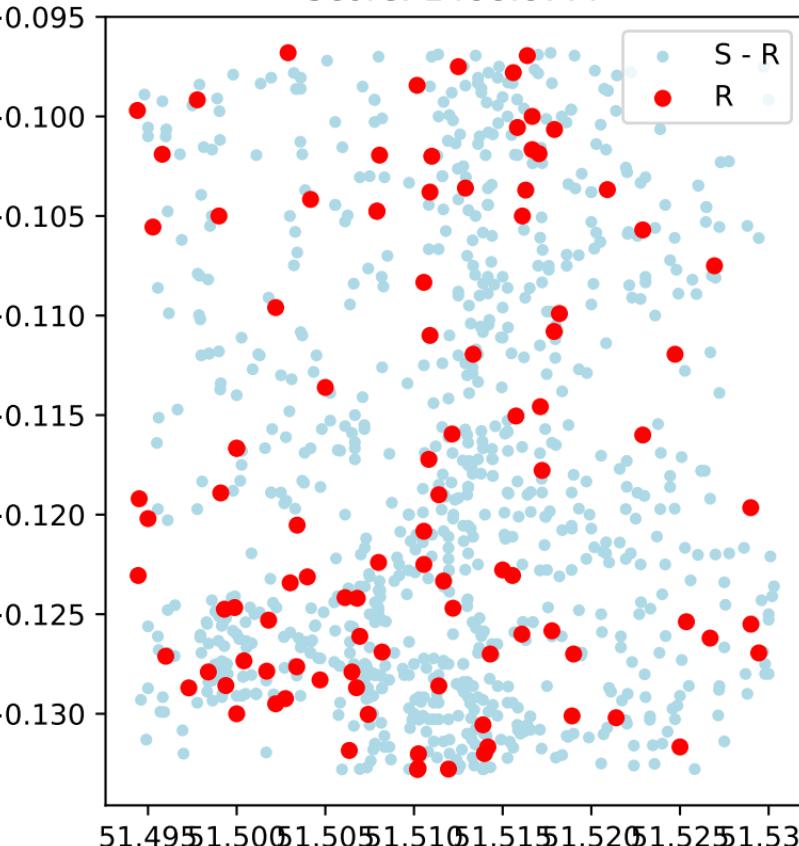
Base
Grid Sampling
Score: 7156.2442



No R
Grid Sampling
Score: 760.9113



Sampling
Score: 1488.8777

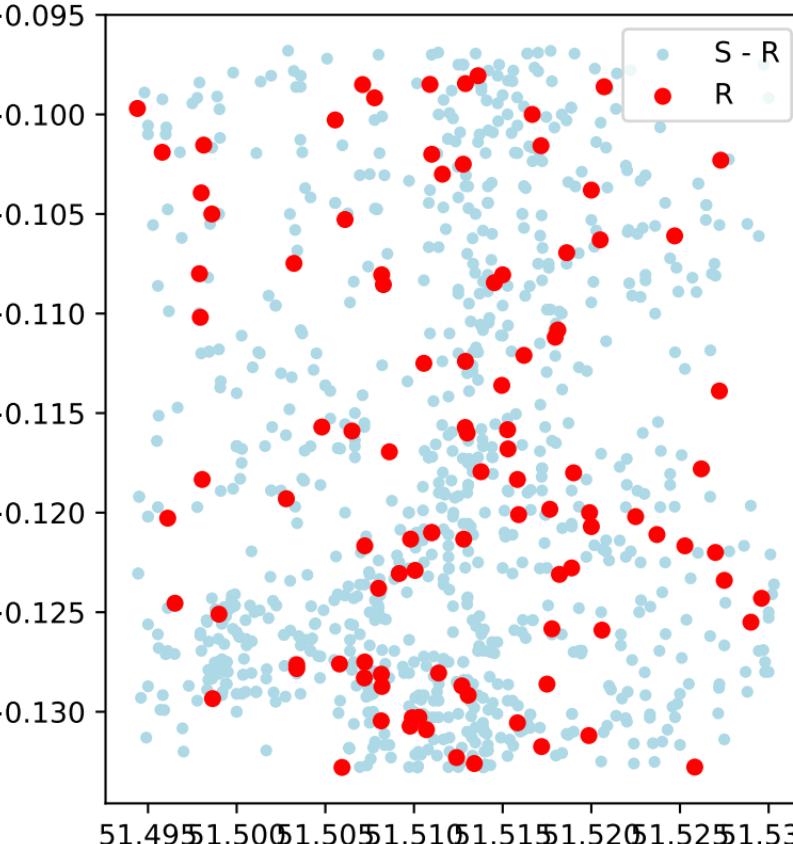
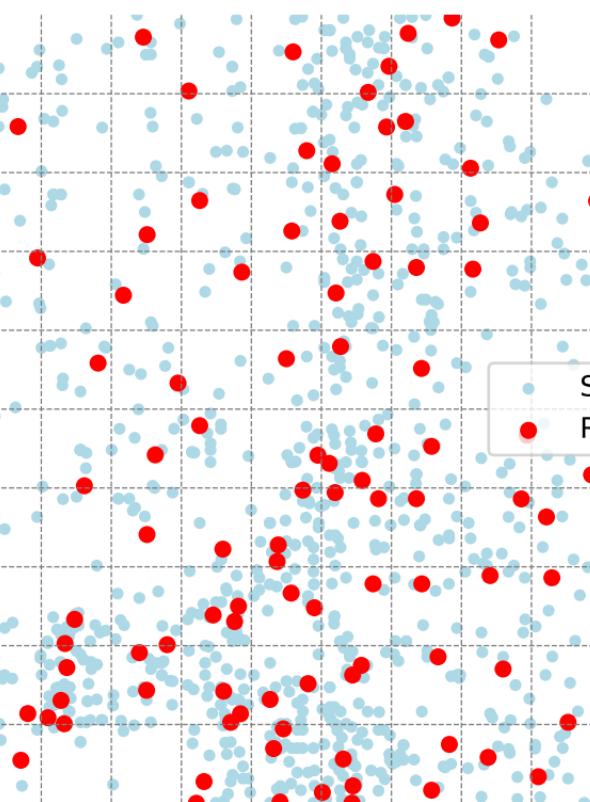
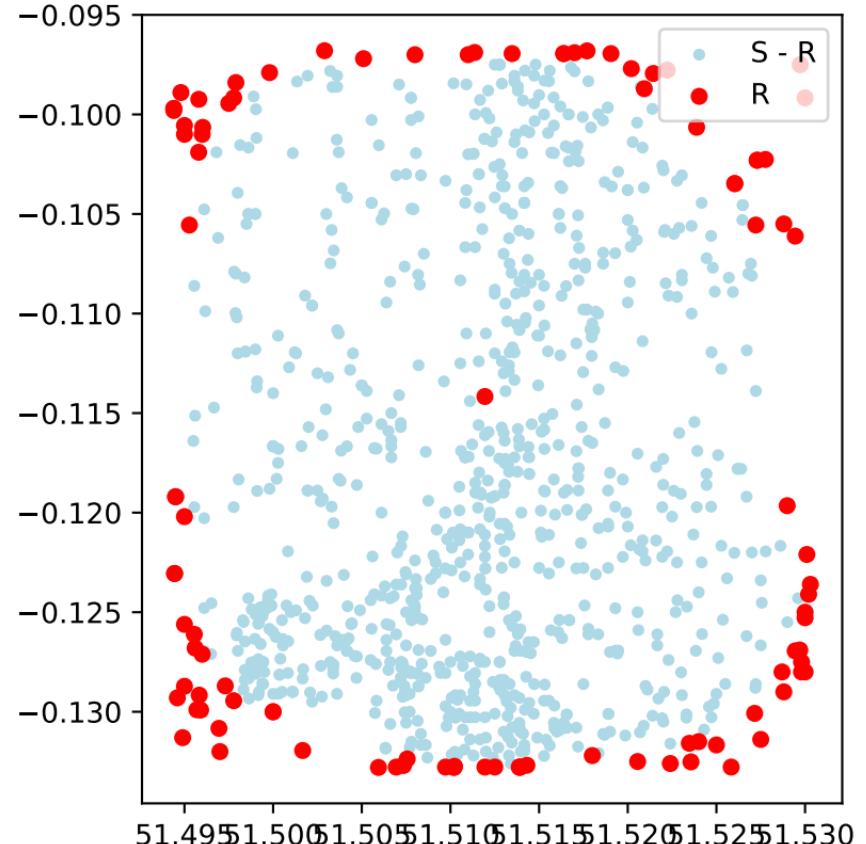


Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=100 | G=100 (10x10)

Base Padu No R
Score: 7156.2442

Grid Sampling
Score: 597.7946

Sampling
Score: 421.2760

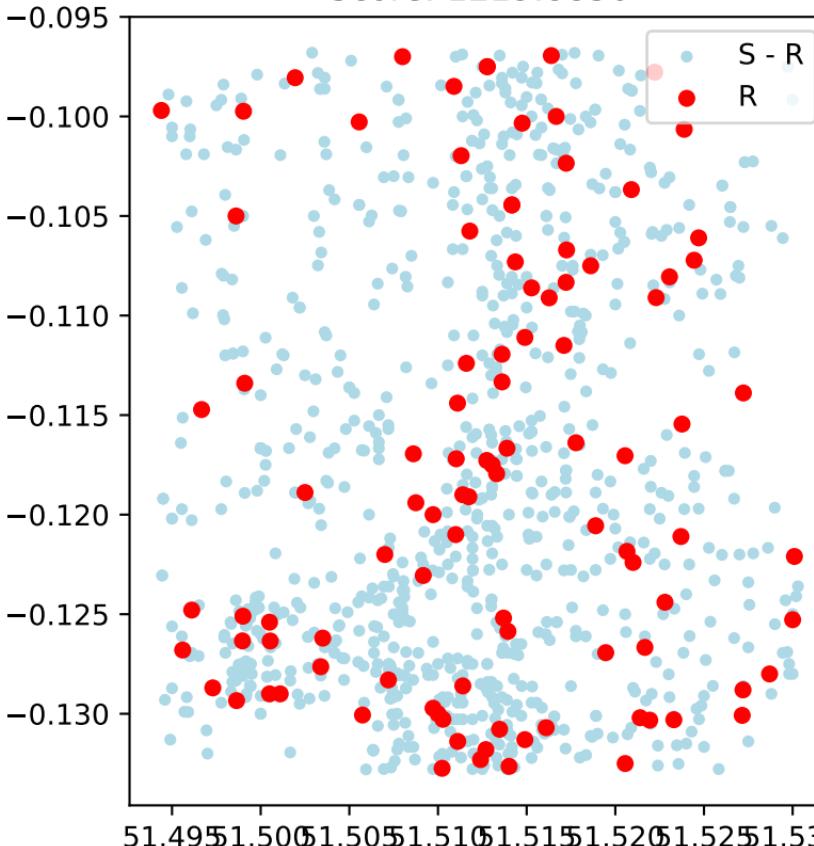
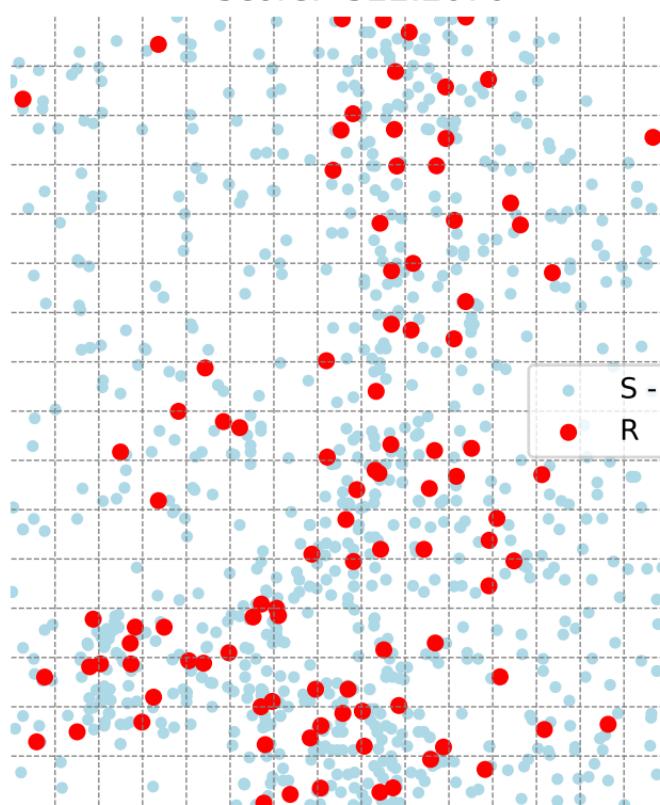
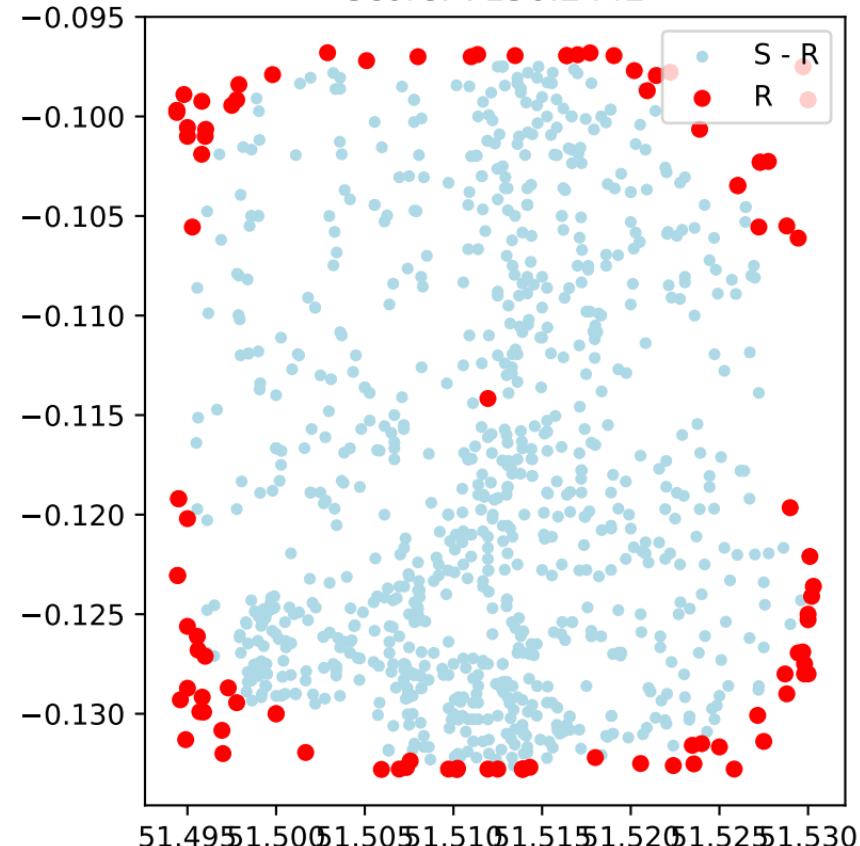


Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=100 | G=256 (16x16)

Base Padu No R
Score: 7156.2442

Grid Sampling
Score: -322.2070

Sampling
Score: 1219.8830



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=100 | G=8 (2x4)

Baseline No R

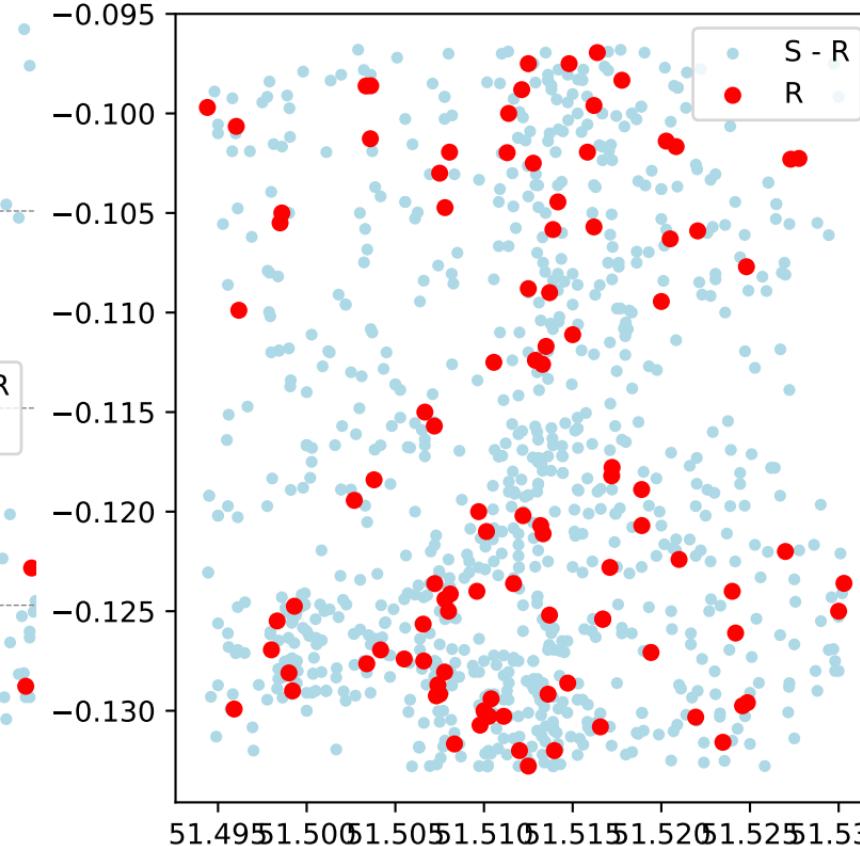
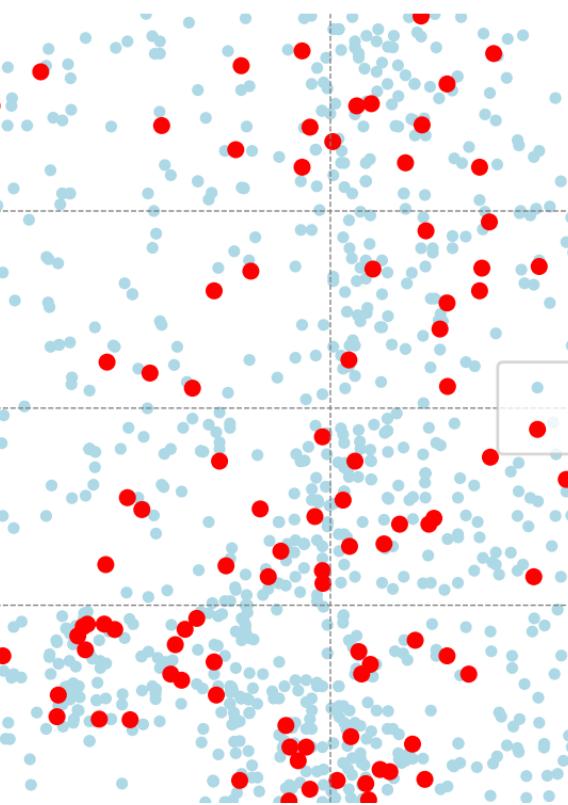
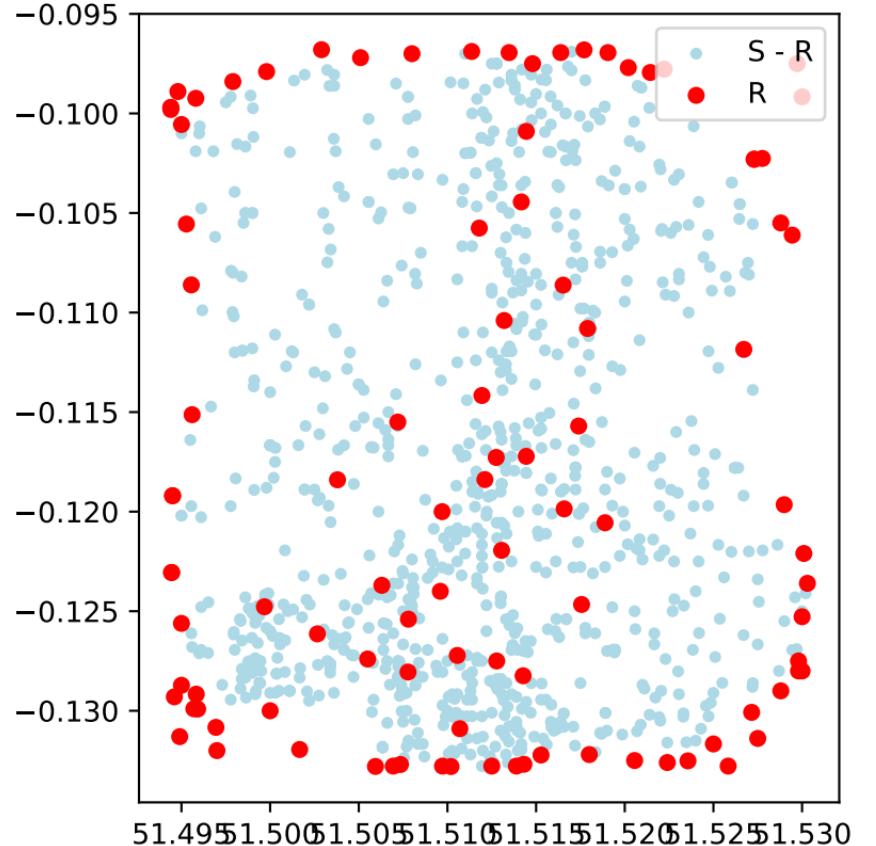
Score: 24151.0480

Grid Sampling

Score: 22963.8635

Sampling

Score: 23197.3901



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=100 | G=16 (4x4)

Base

Grid

No R

Sampling

Score: 24151.0480

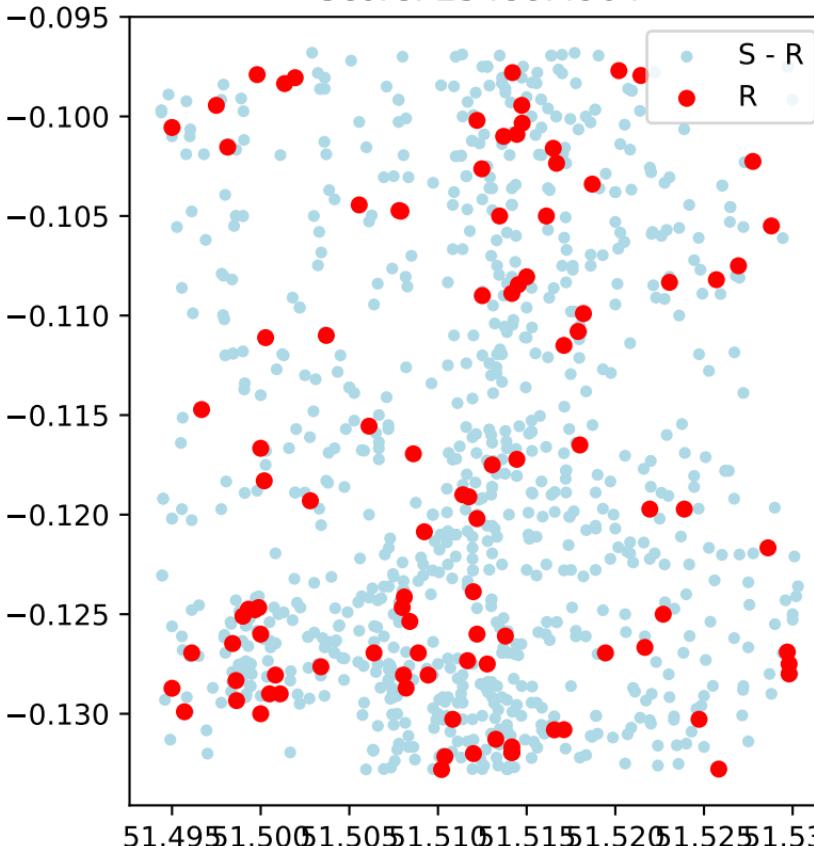
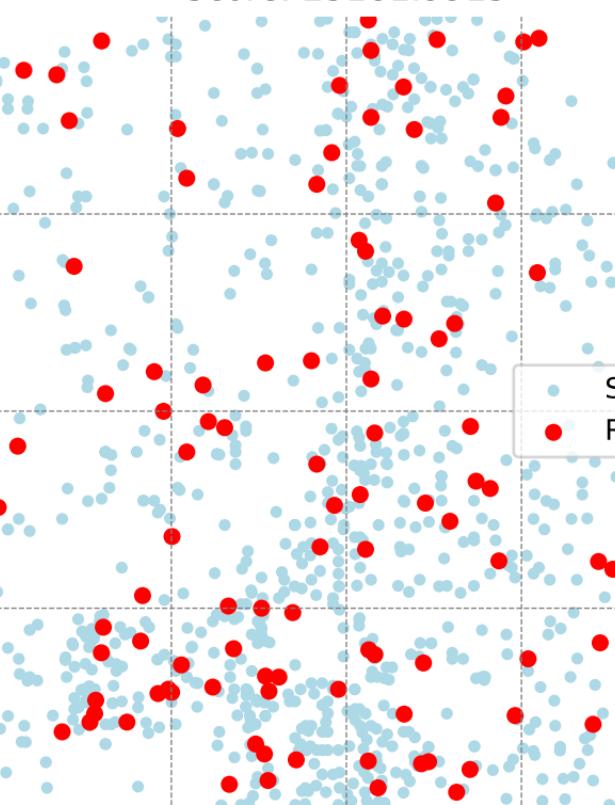
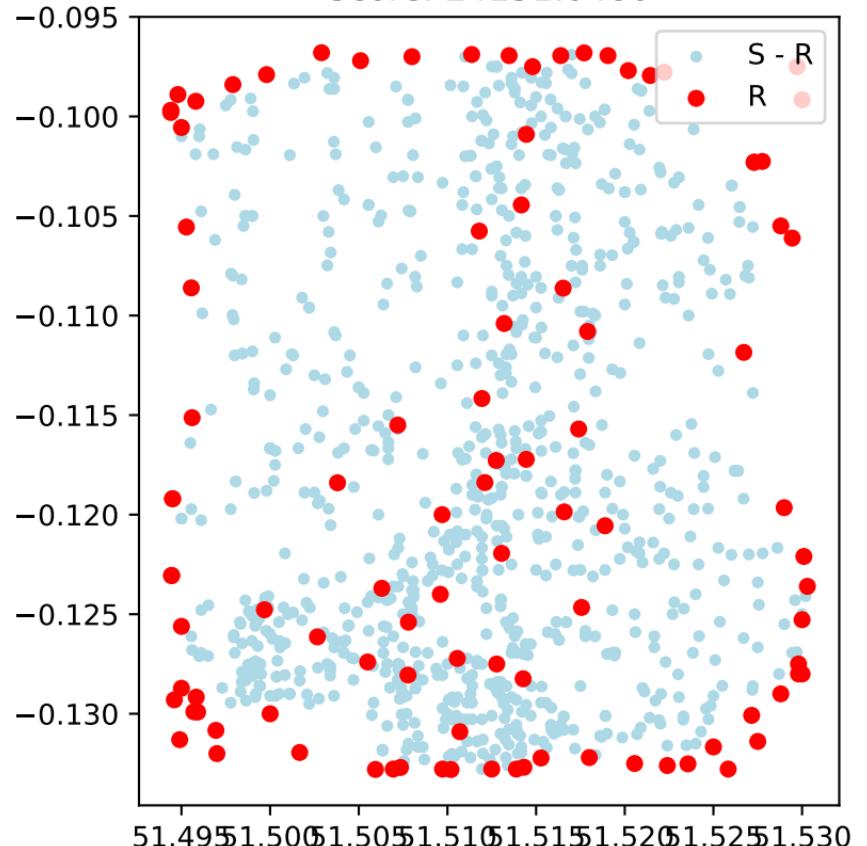
Grid

Sampling

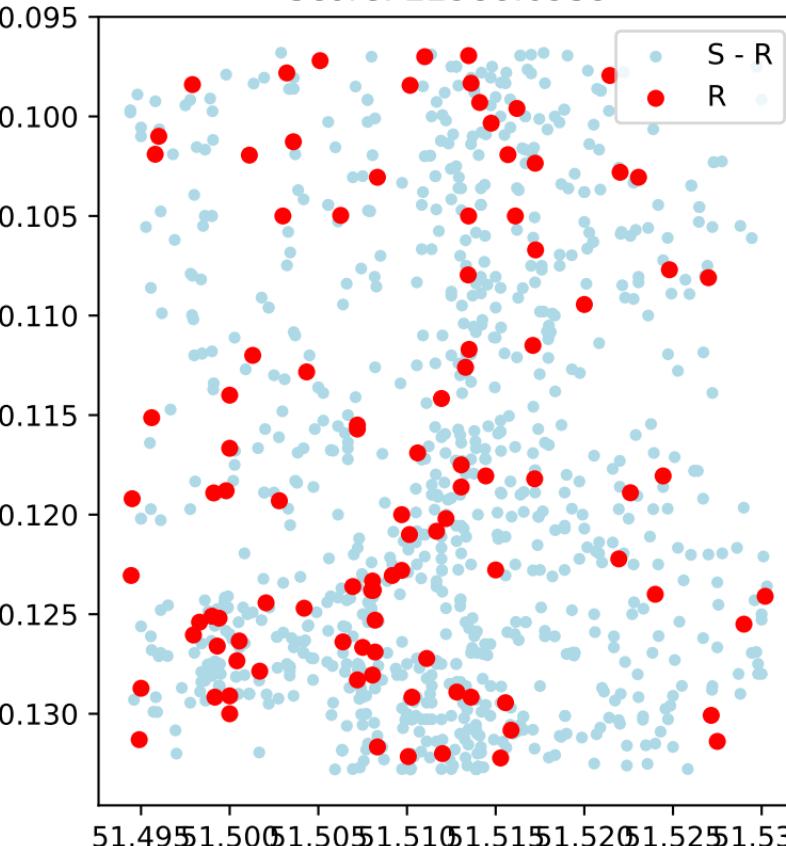
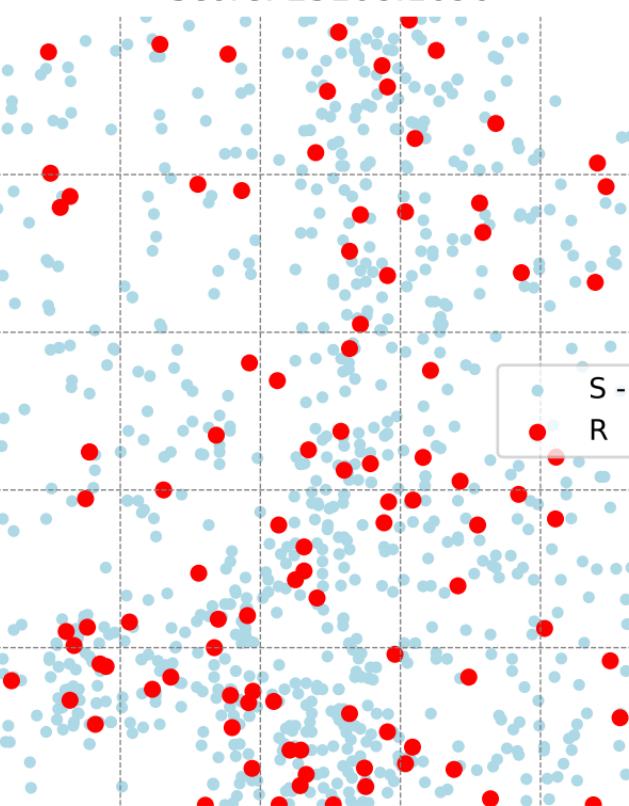
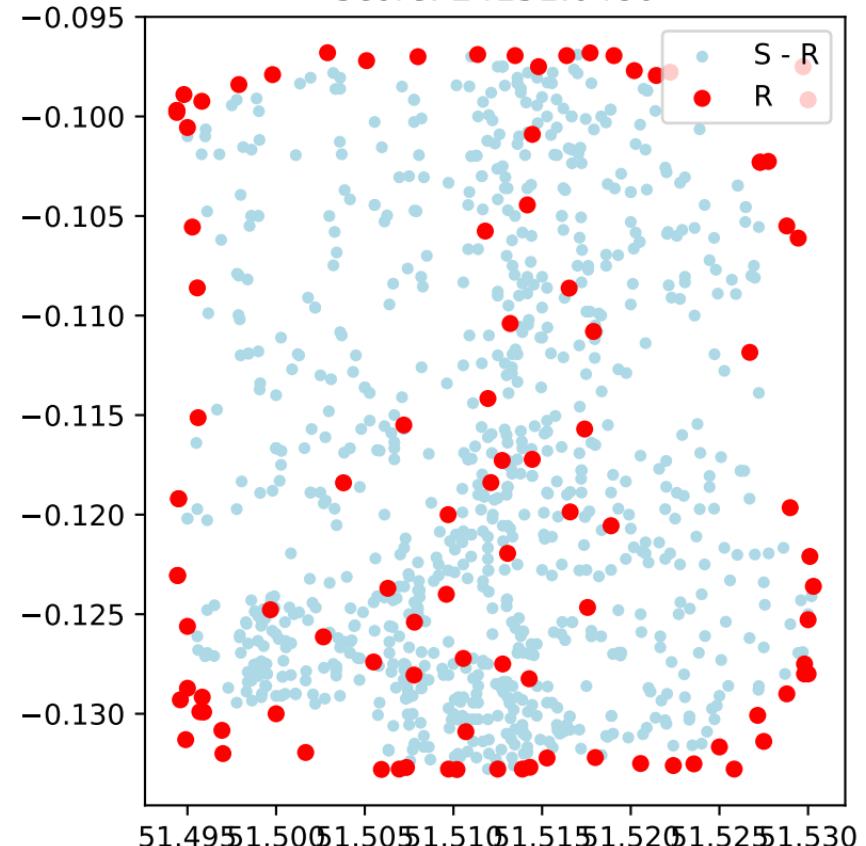
Score: 23181.9915

Sampling

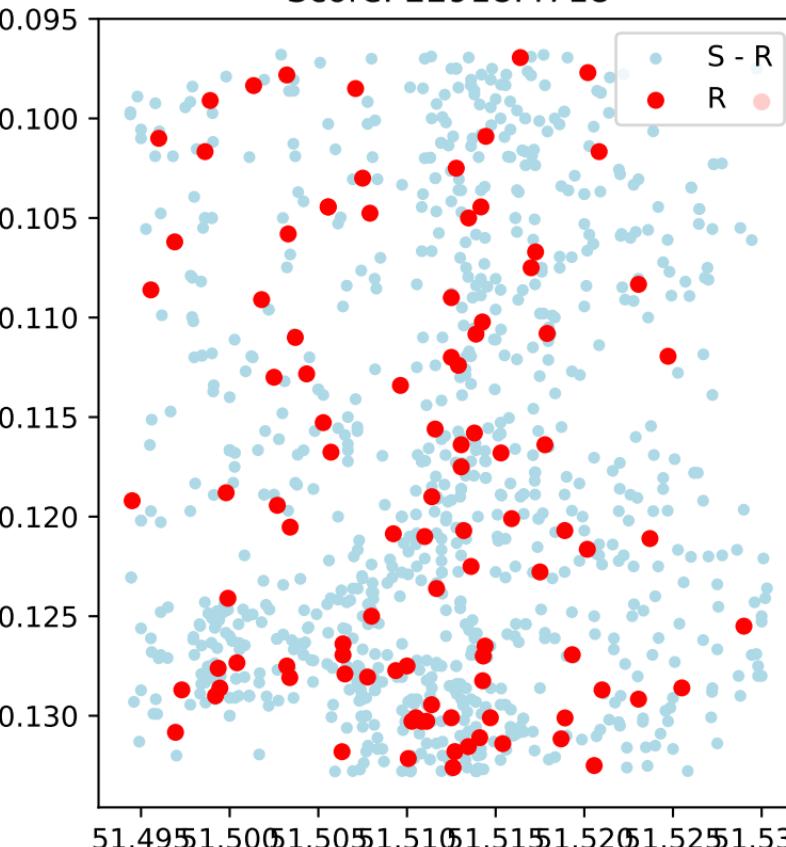
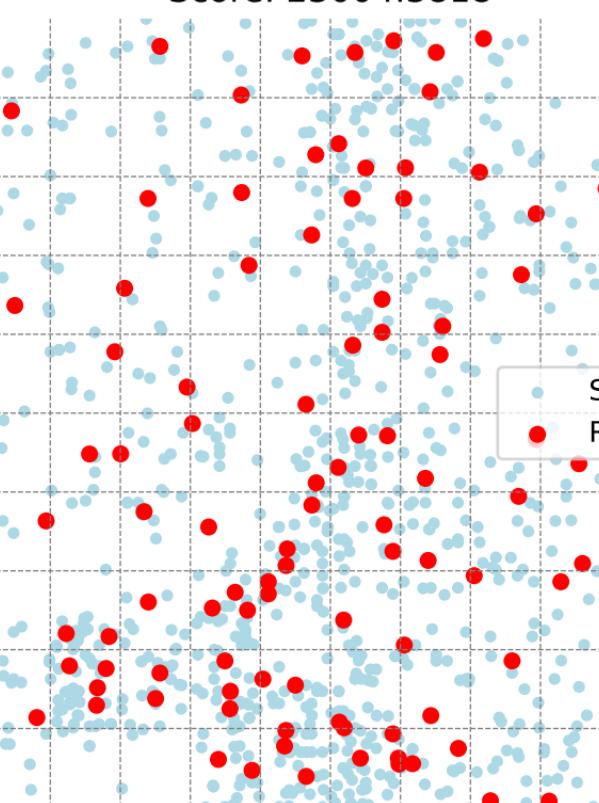
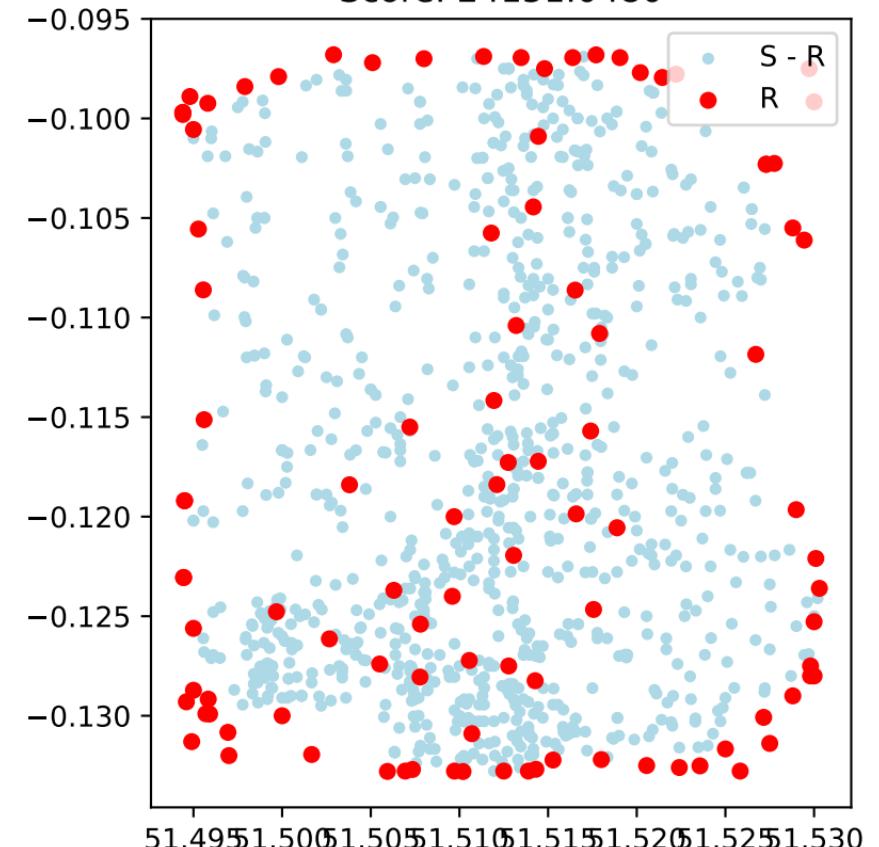
Score: 23488.4904



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=100 | G=25 (5x5)
Base IAU No R Grid Sampling Sampling
Score: 24151.0480 Score: 23108.1696 Score: 22988.6939



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=100 | G=100 (10x10)



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=100 | G=256 (16x16)

Base Padu No R

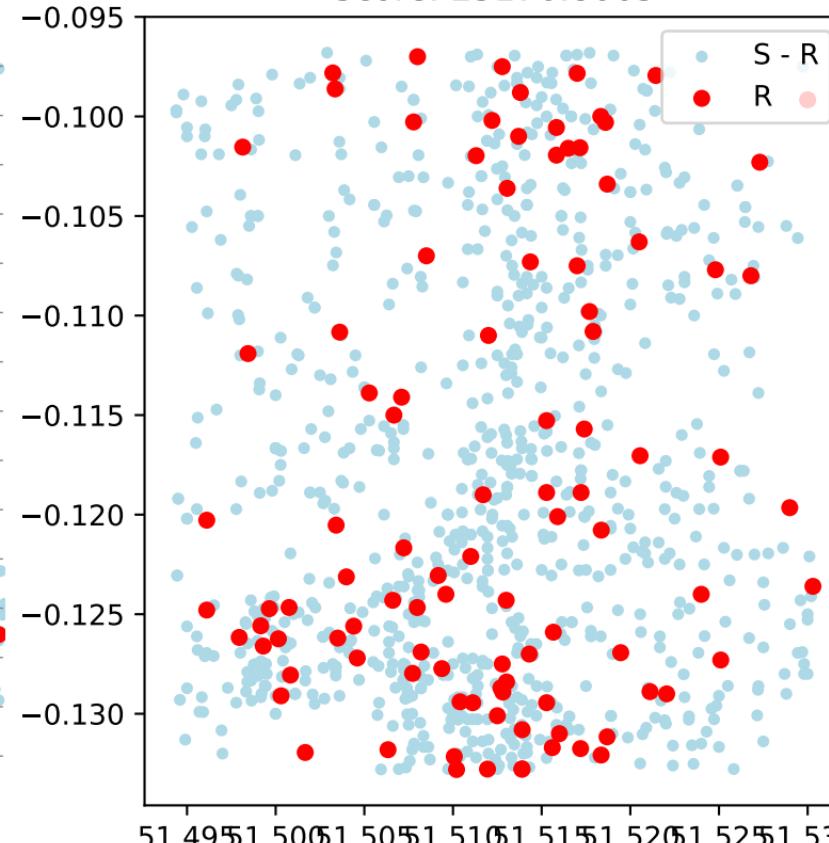
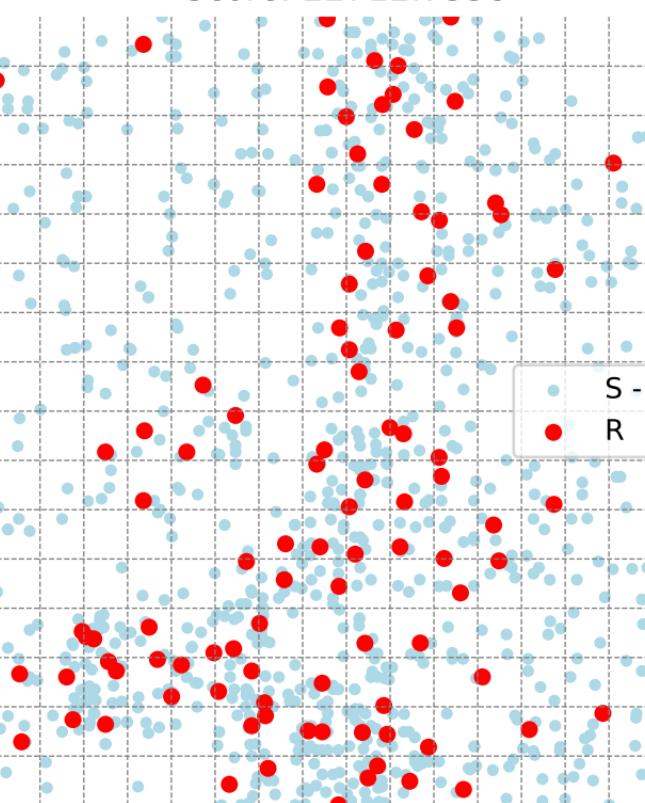
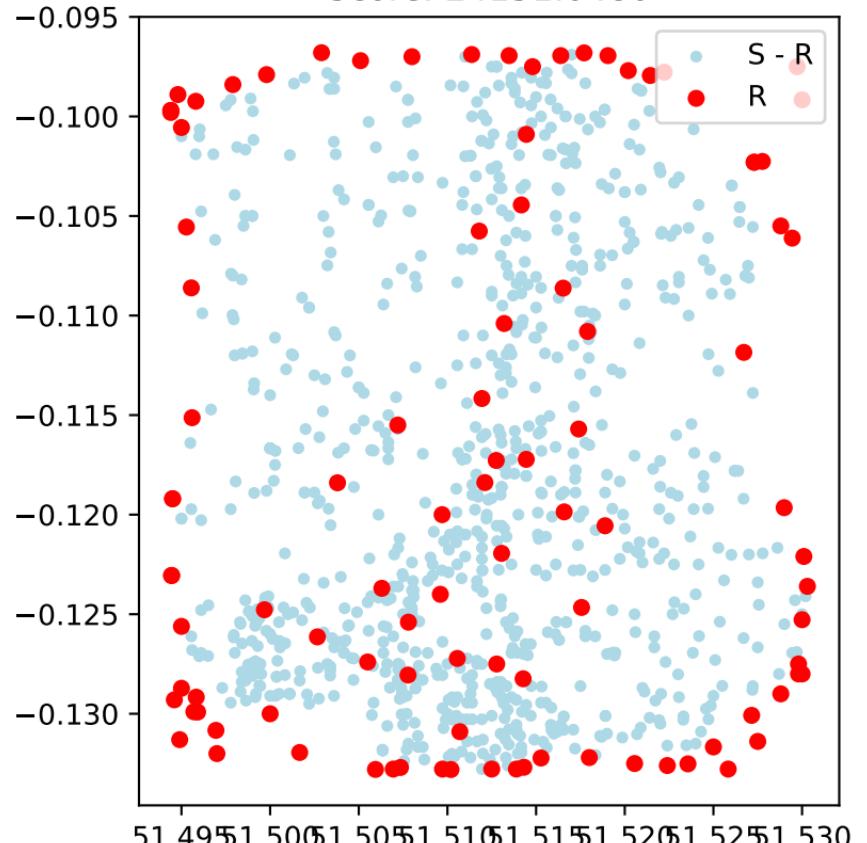
Score: 24151.0480

Grid Sampling

Score: 22712.7358

Sampling

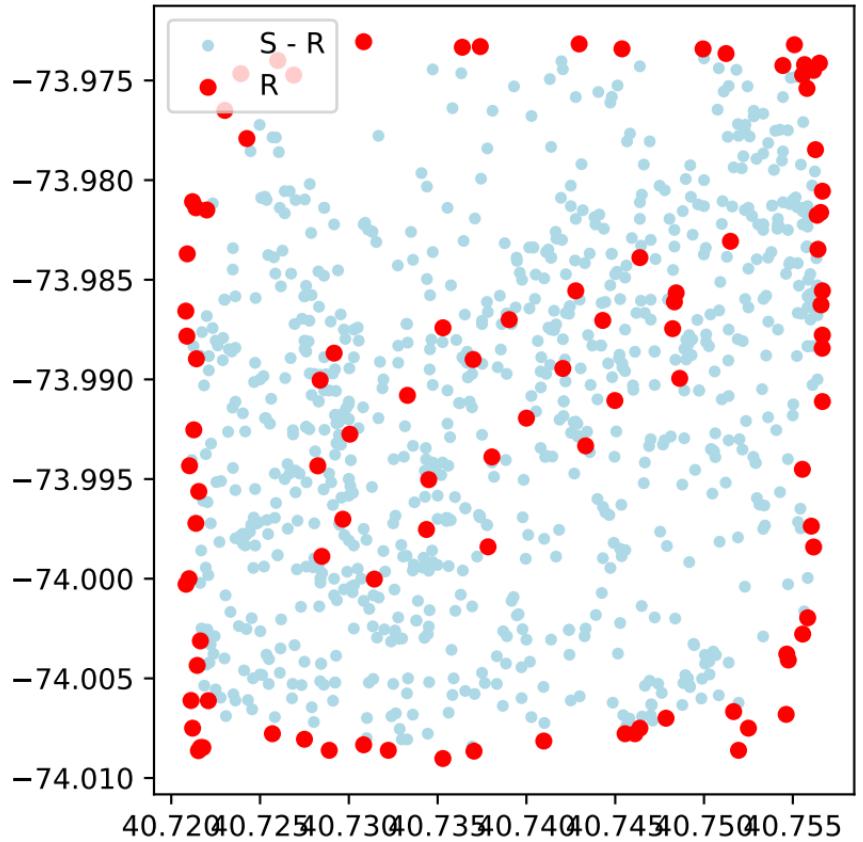
Score: 23176.8065



Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=100 | G=8 (2x4)

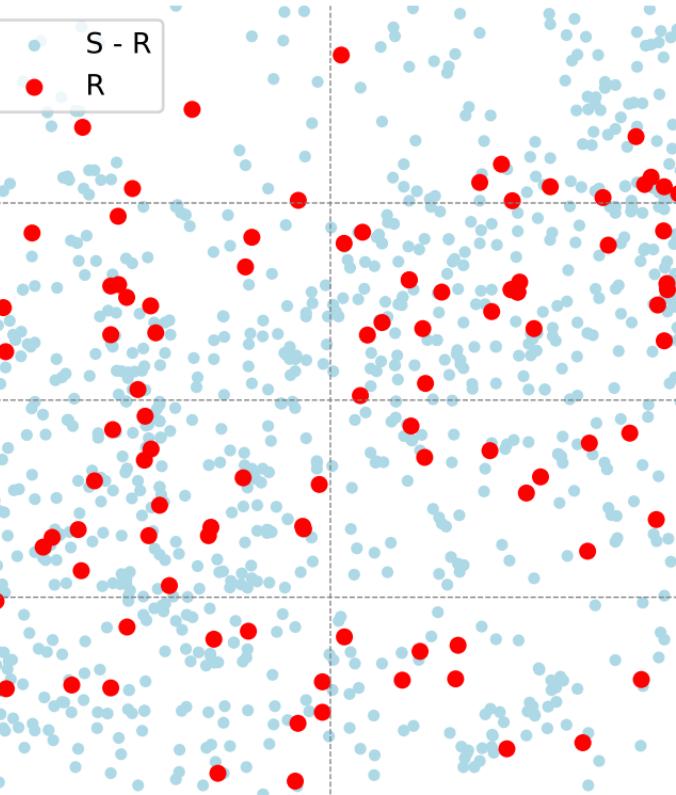
Baseline No R

Score: 23872.1384



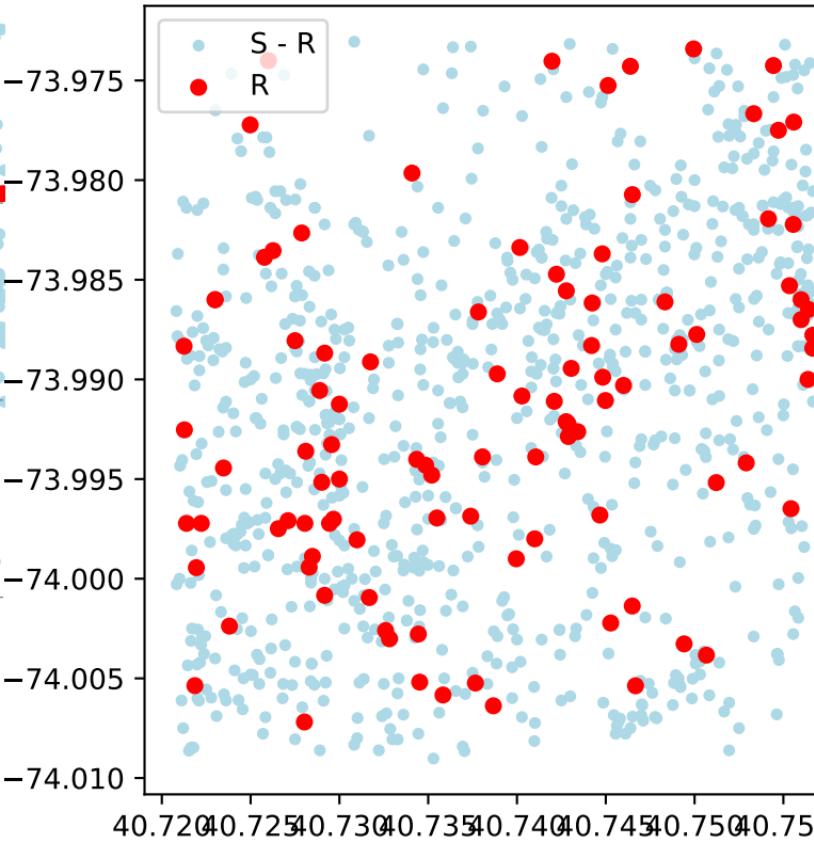
Grid Sampling

Score: 22725.5097



Sampling

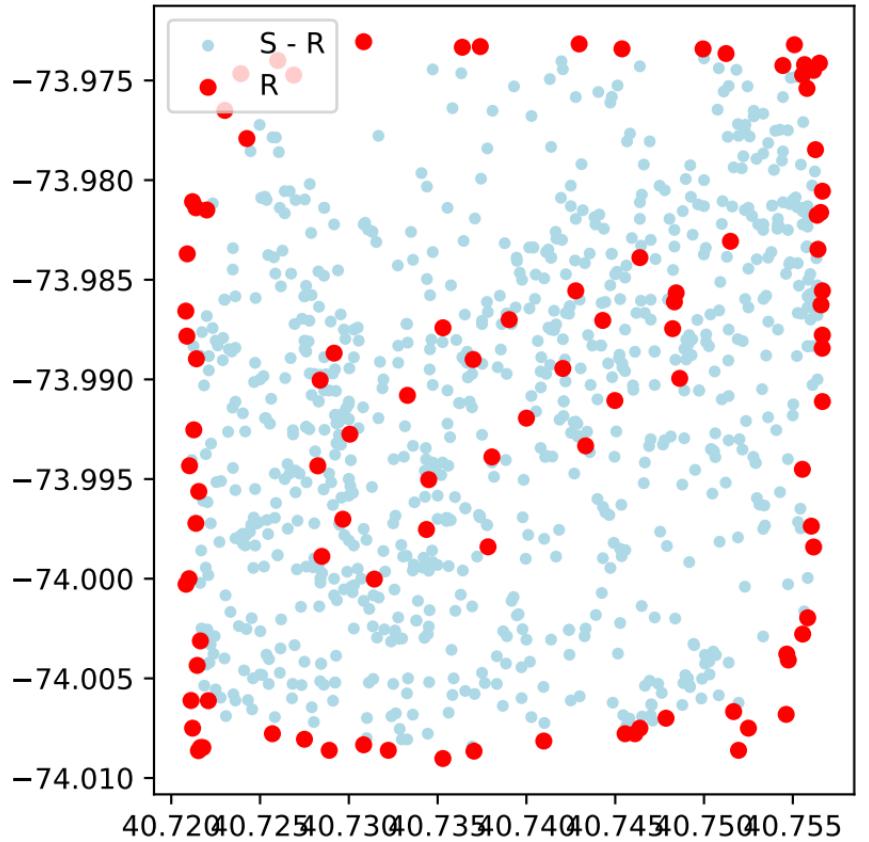
Score: 22658.4717



Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=100 | G=16 (4x4)

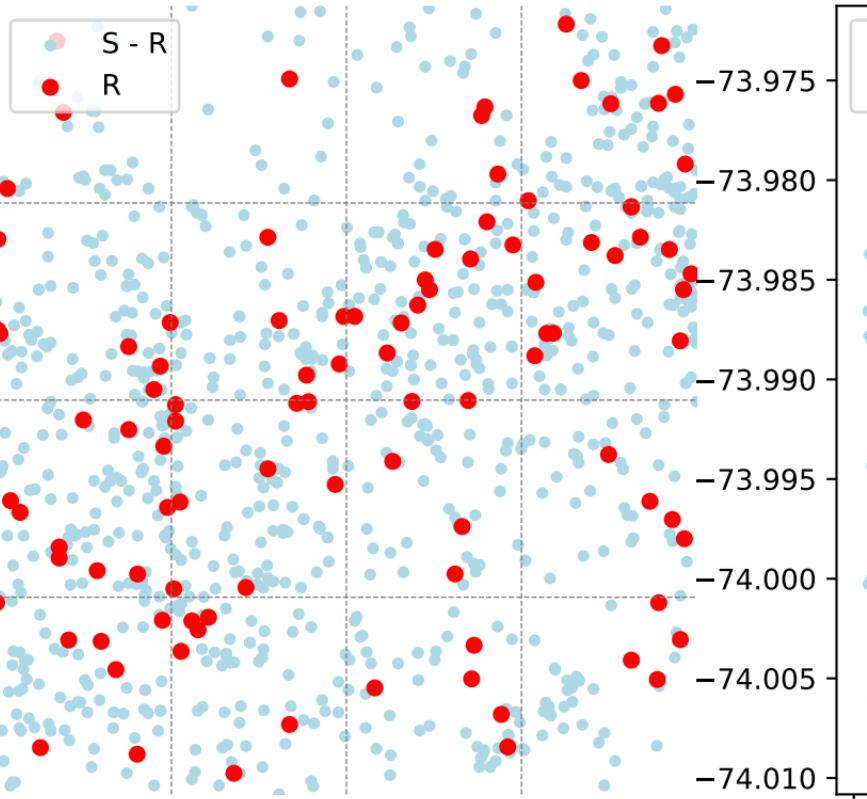
Base Iadu No R

Score: 23872.1384



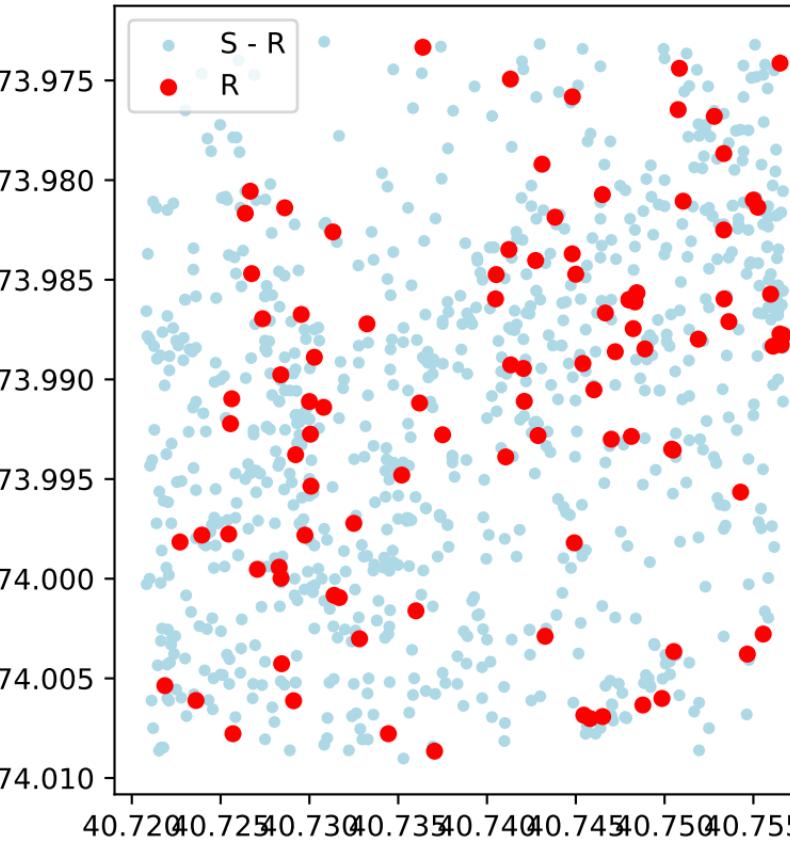
Grid Sampling

Score: 22979.6448

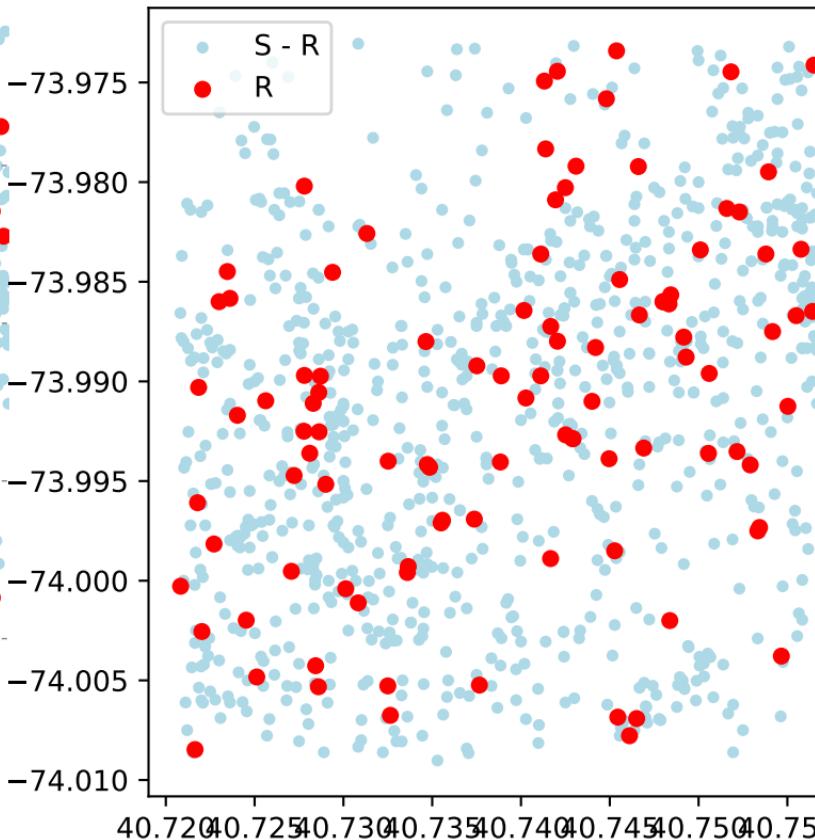
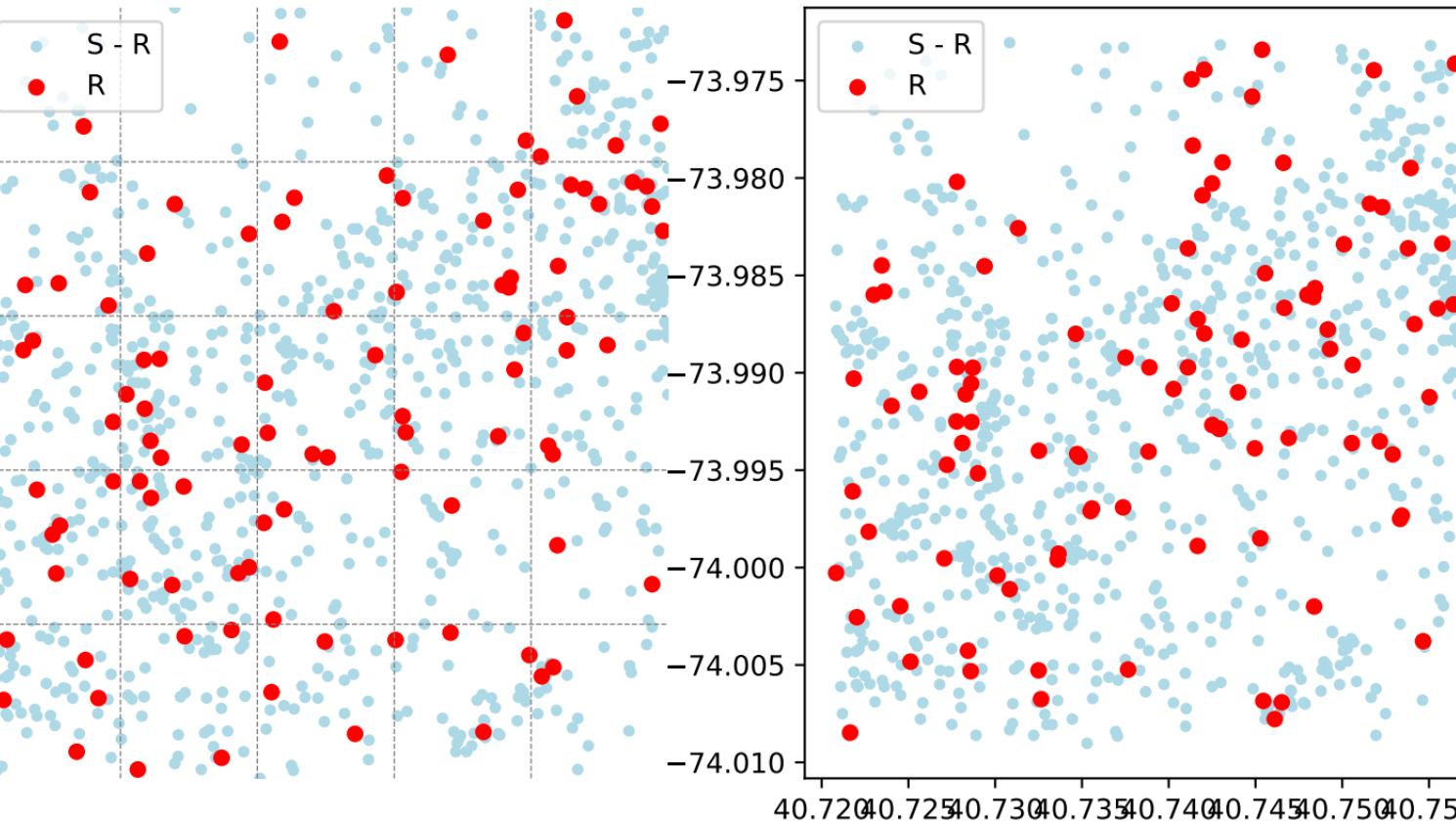
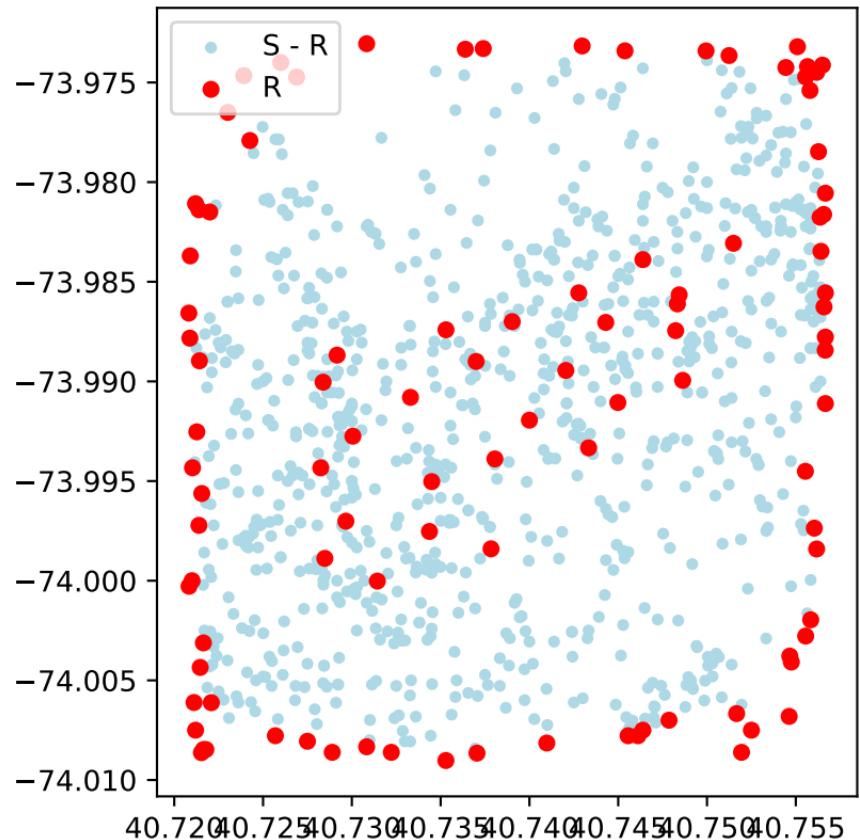


Sampling

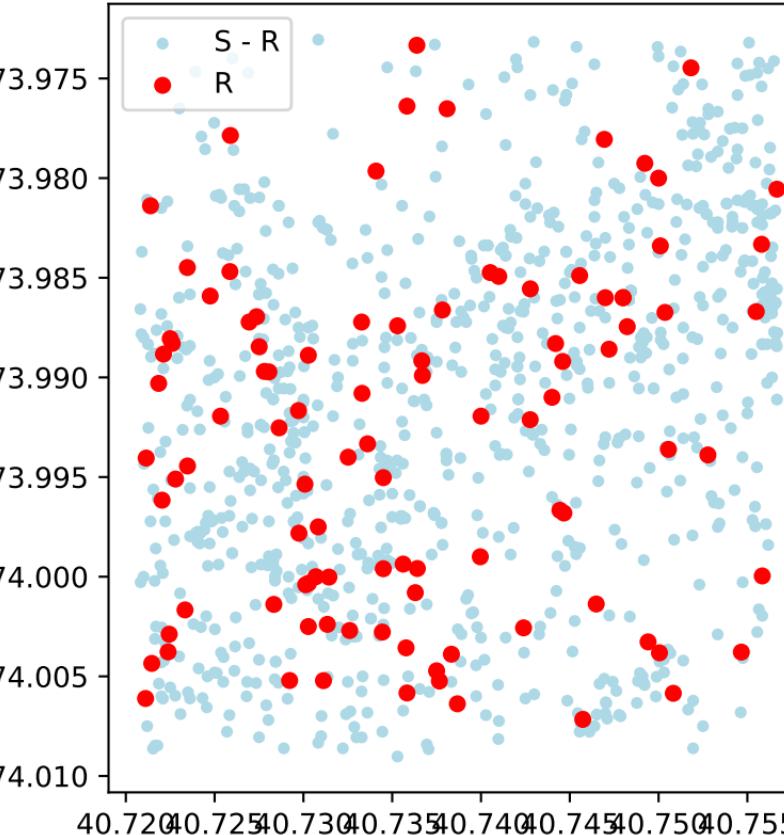
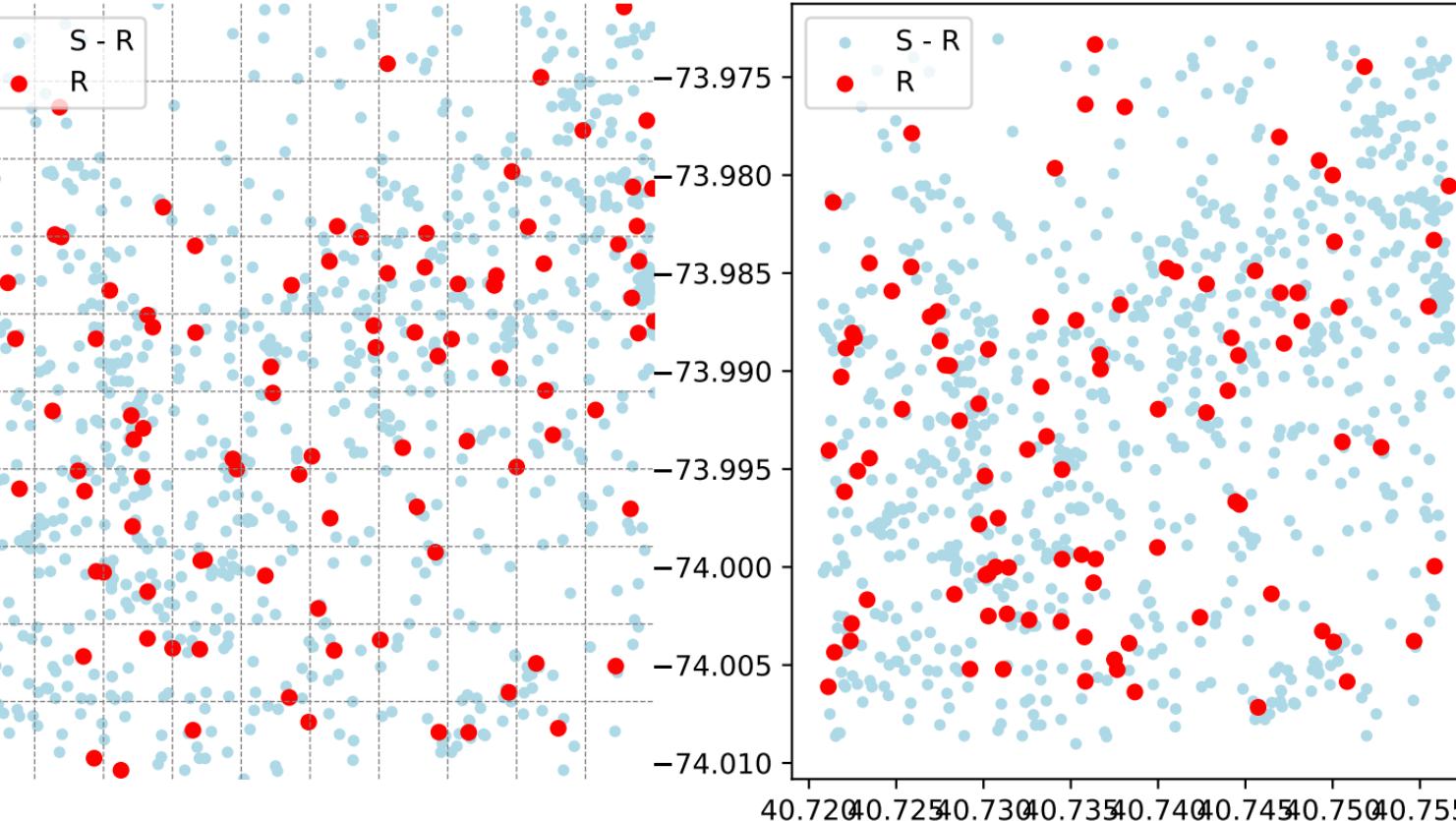
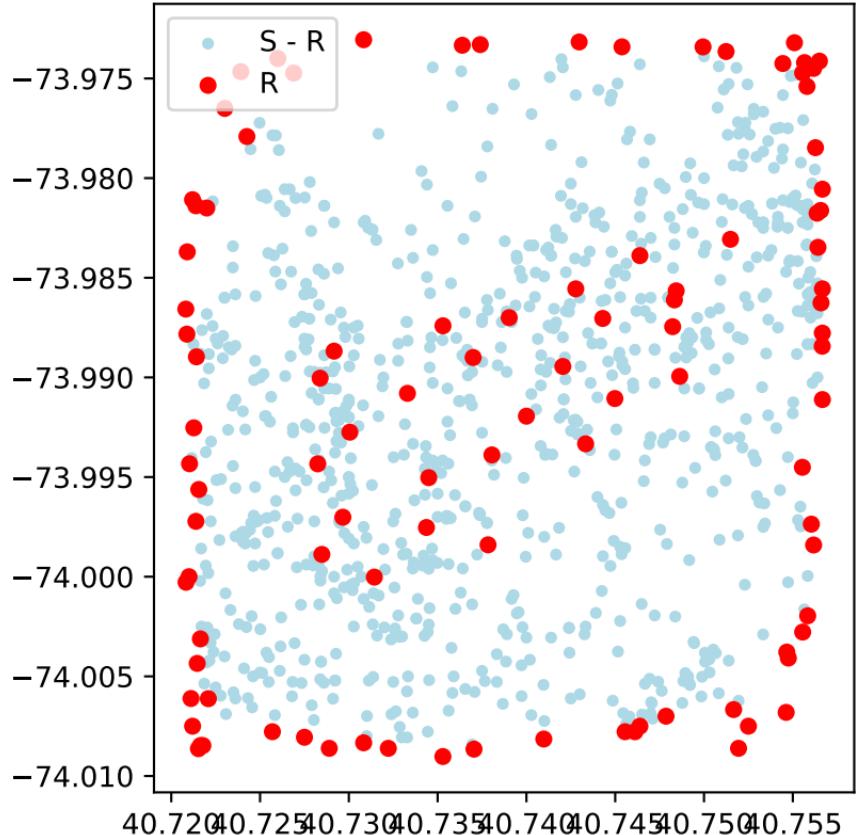
Score: 22583.4640



Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=100 | G=25 (5x5)
Base IAU No R Grid Sampling Sampling
Score: 23872.1384 Score: 22781.1390 Score: 22625.3930



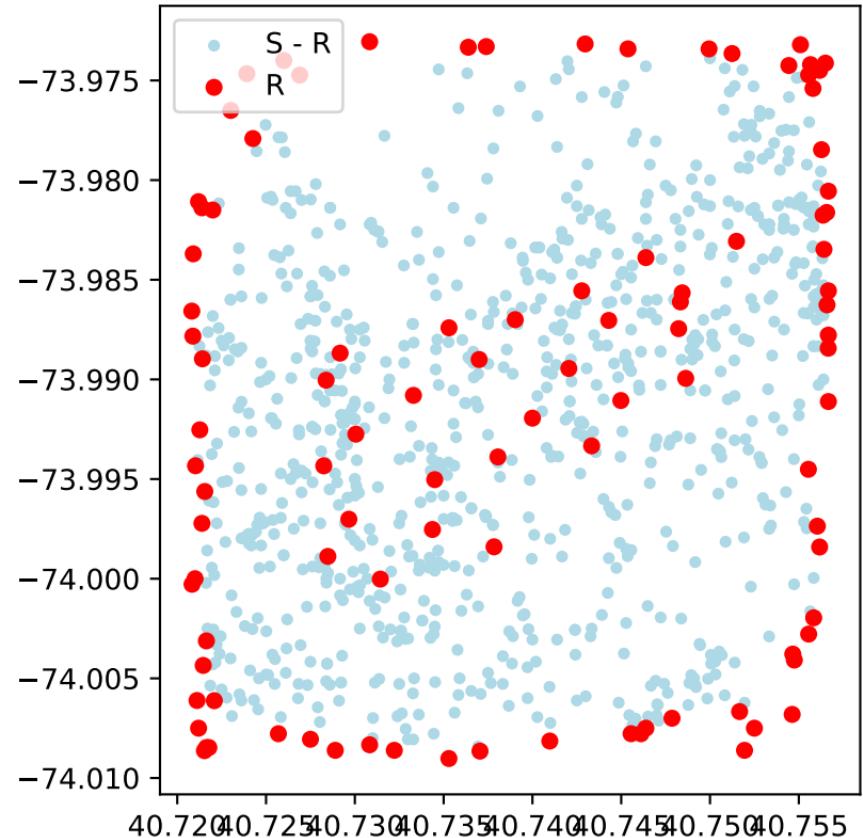
Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=100 | G=100 (10x10)
Base Padu No R | Grid Sampling | Sampling
Score: 23872.1384



Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=100 | G=256 (16x16)

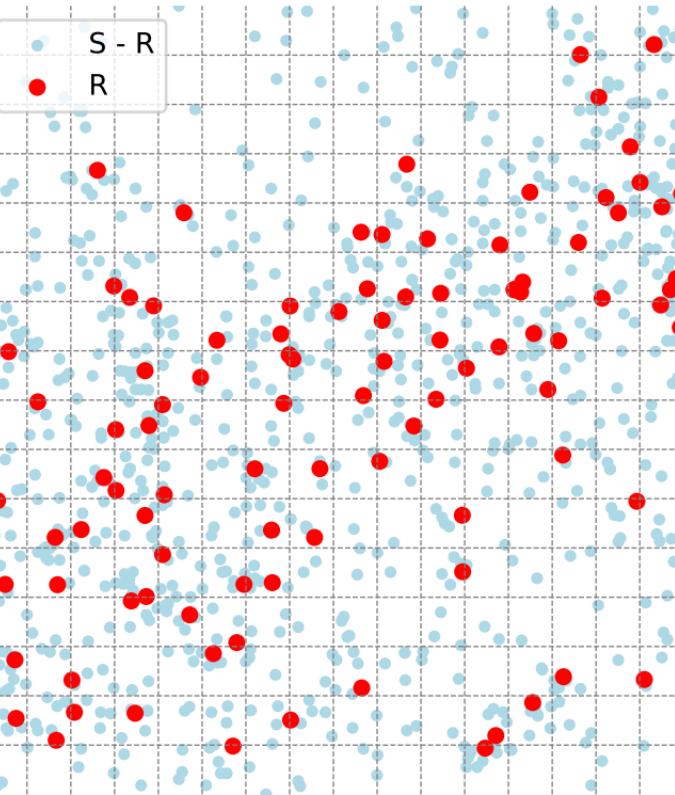
Base Padu No R

Score: 23872.1384



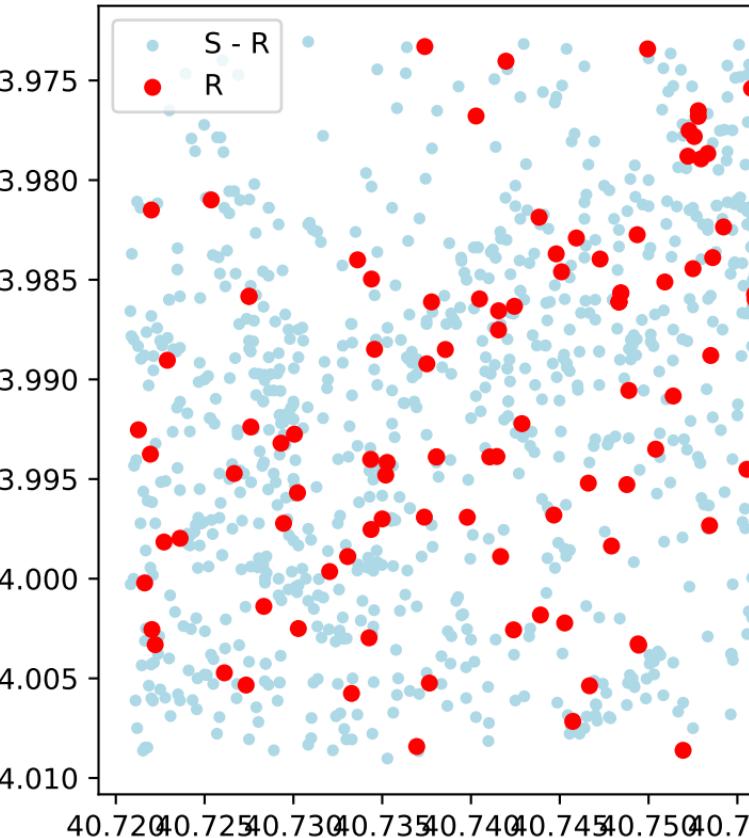
Grid Sampling

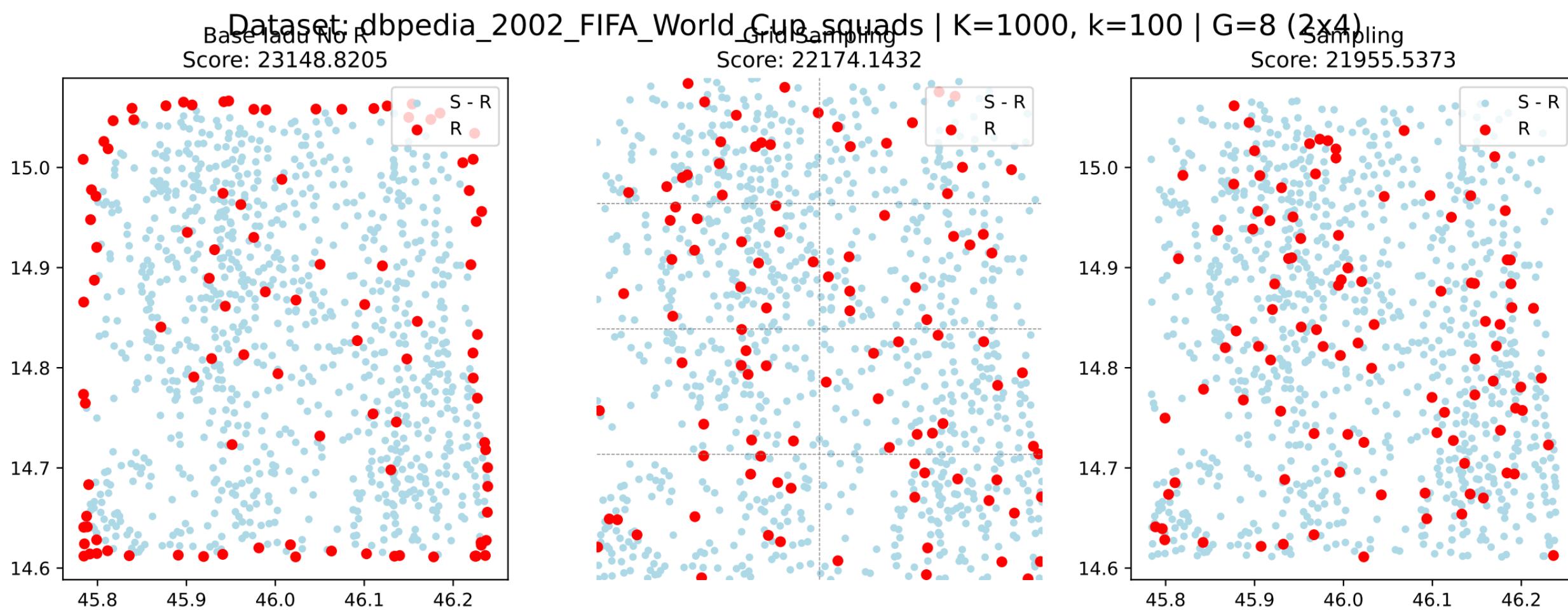
Score: 22542.9716



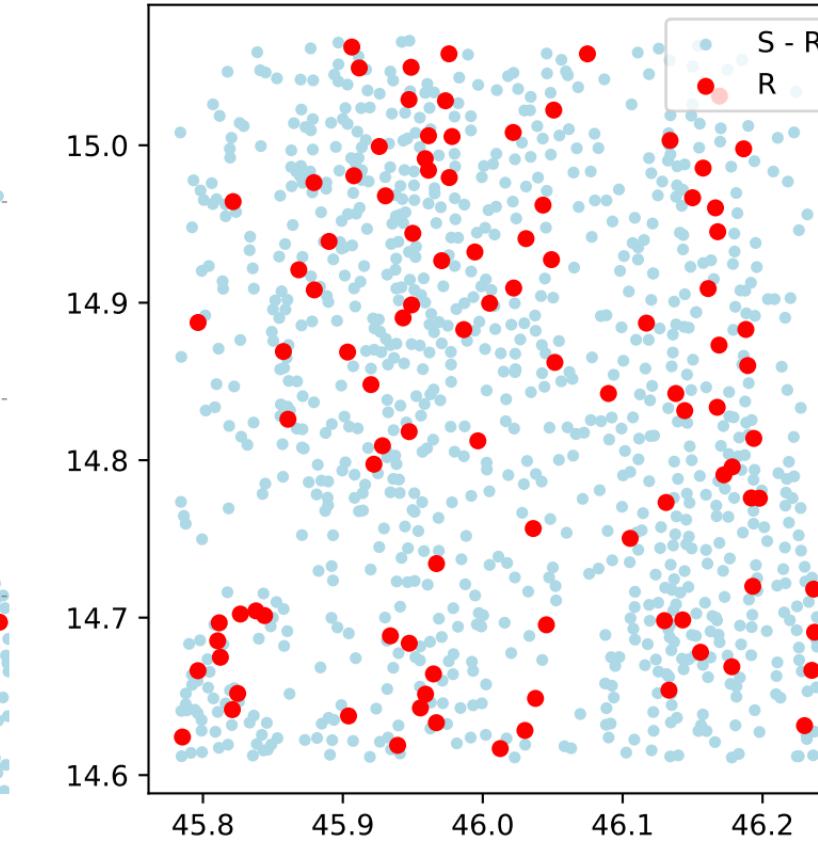
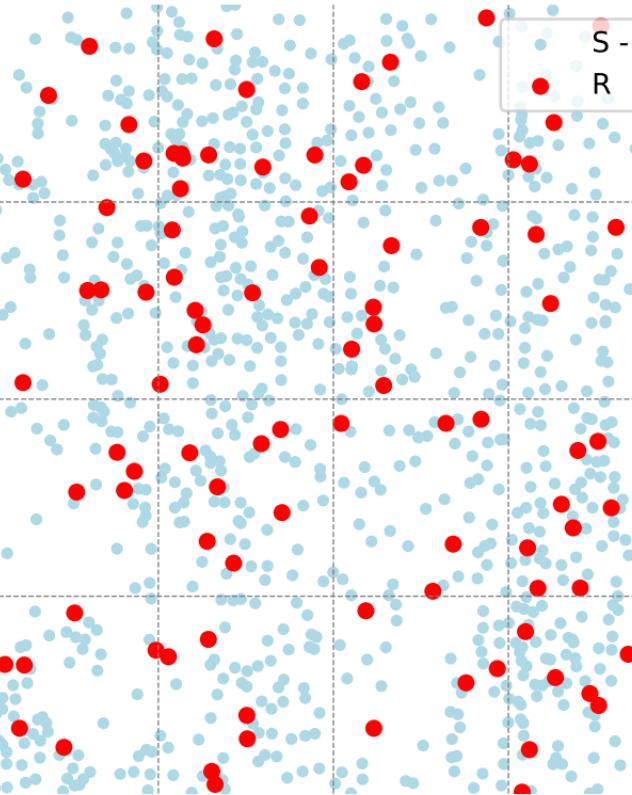
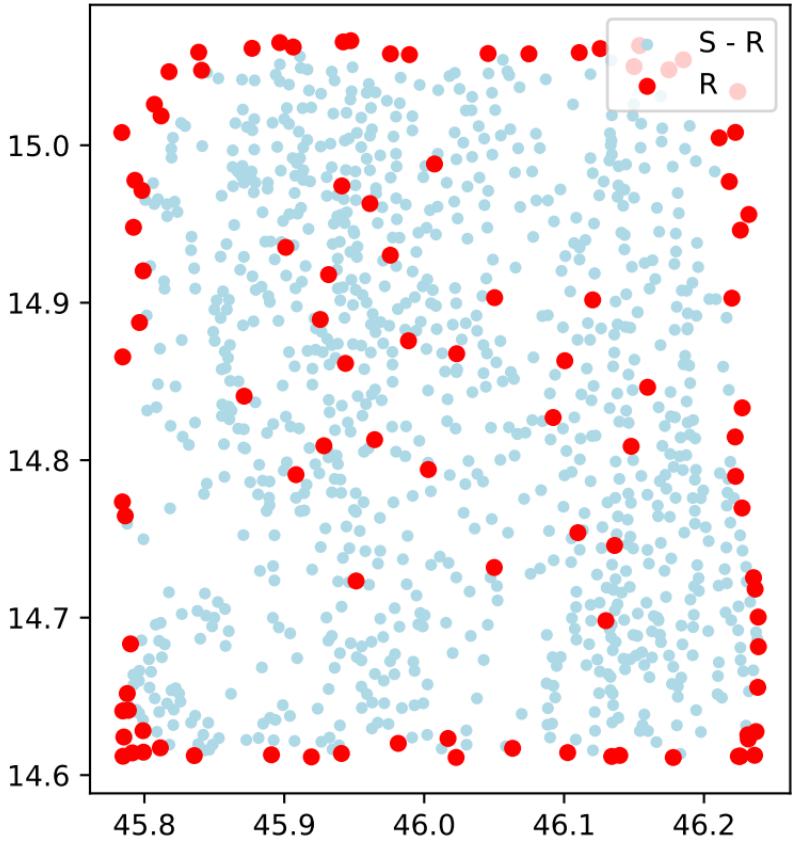
Sampling

Score: 22566.6340

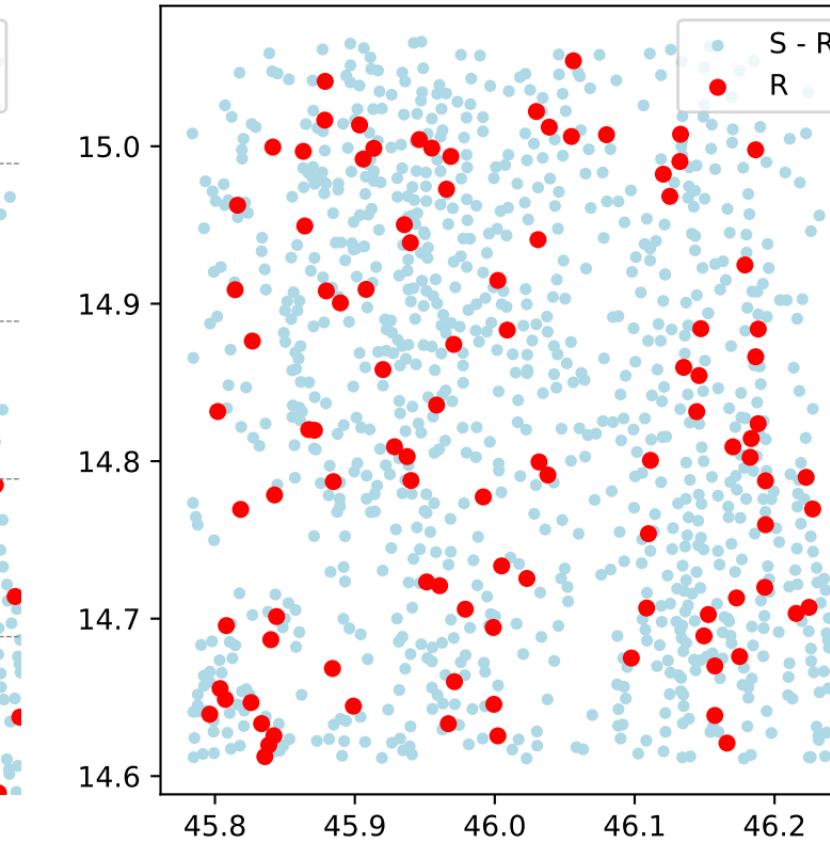
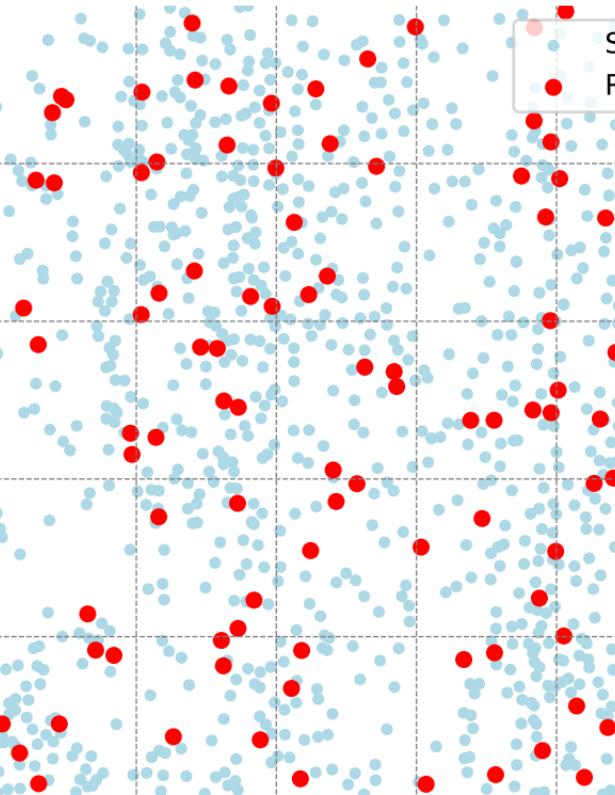
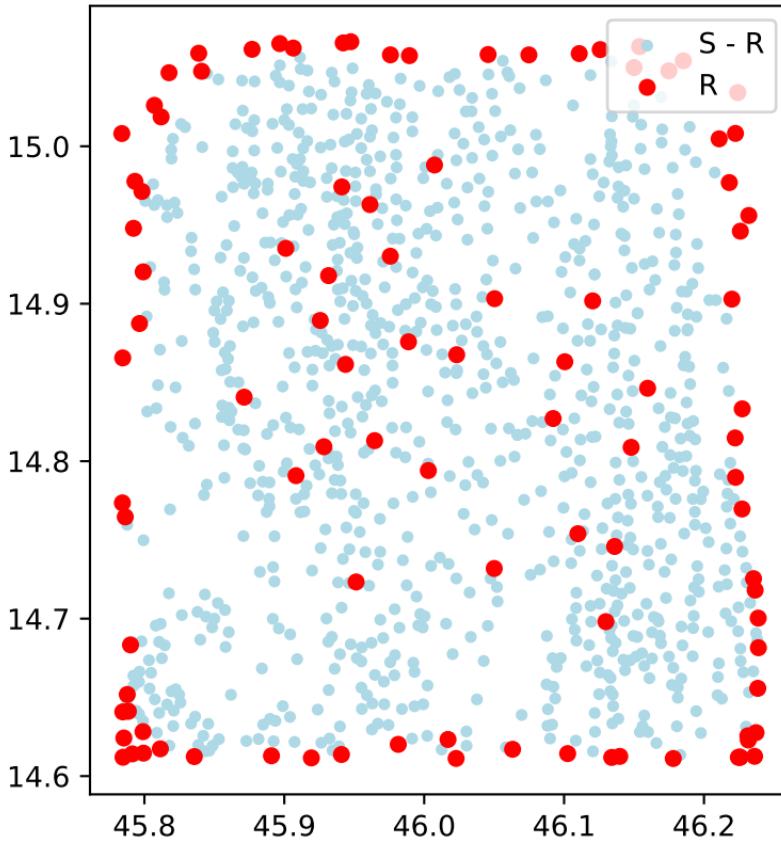




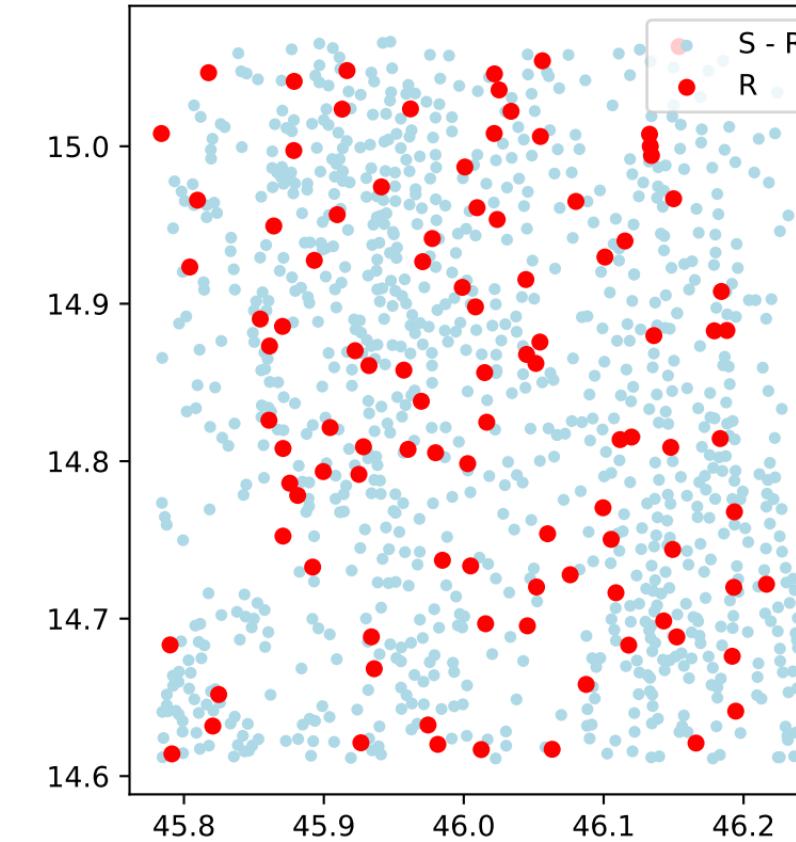
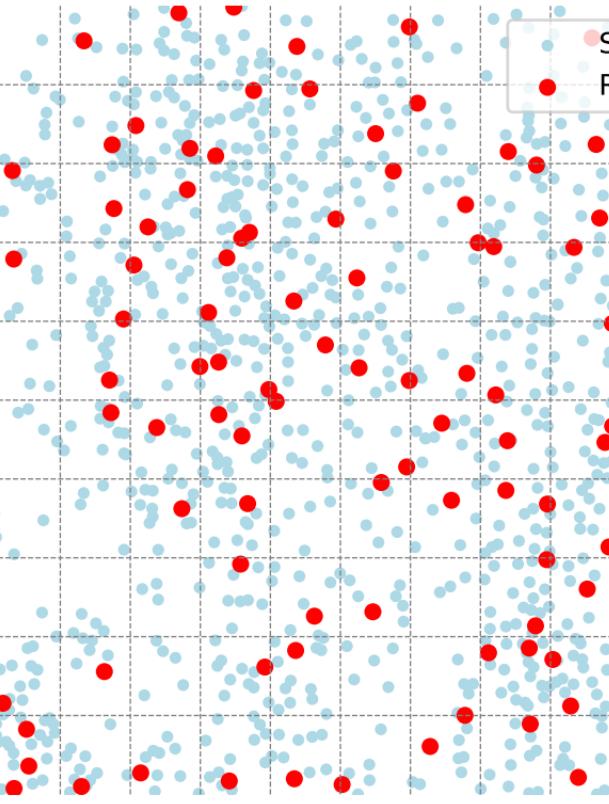
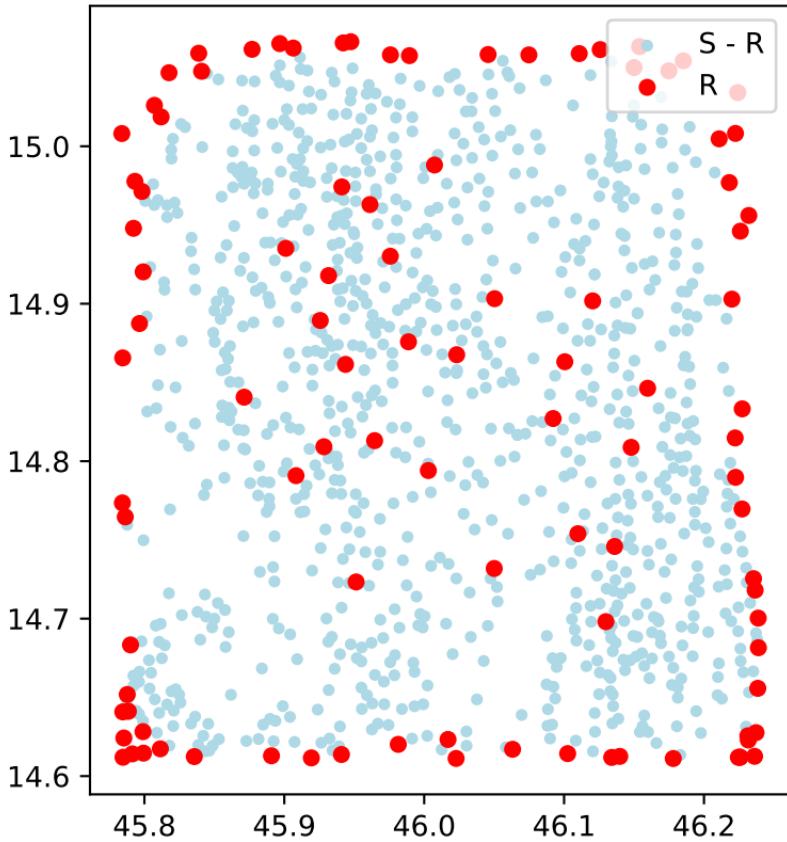
Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=100 | G=16 (4x4)
Base IAU No R Grid Sampling Sampling
Score: 23148.8205 Score: 22057.7670 Score: 22204.0784



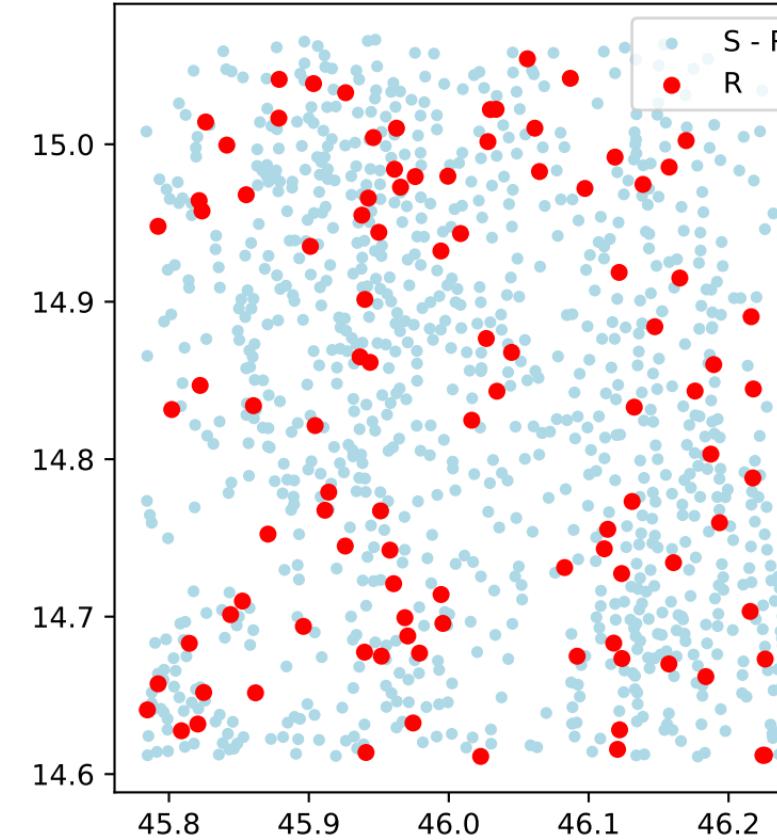
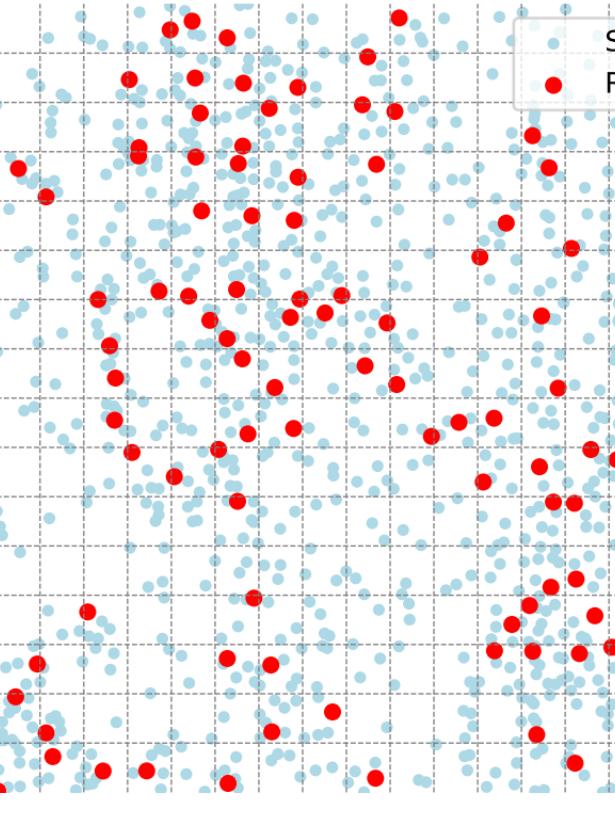
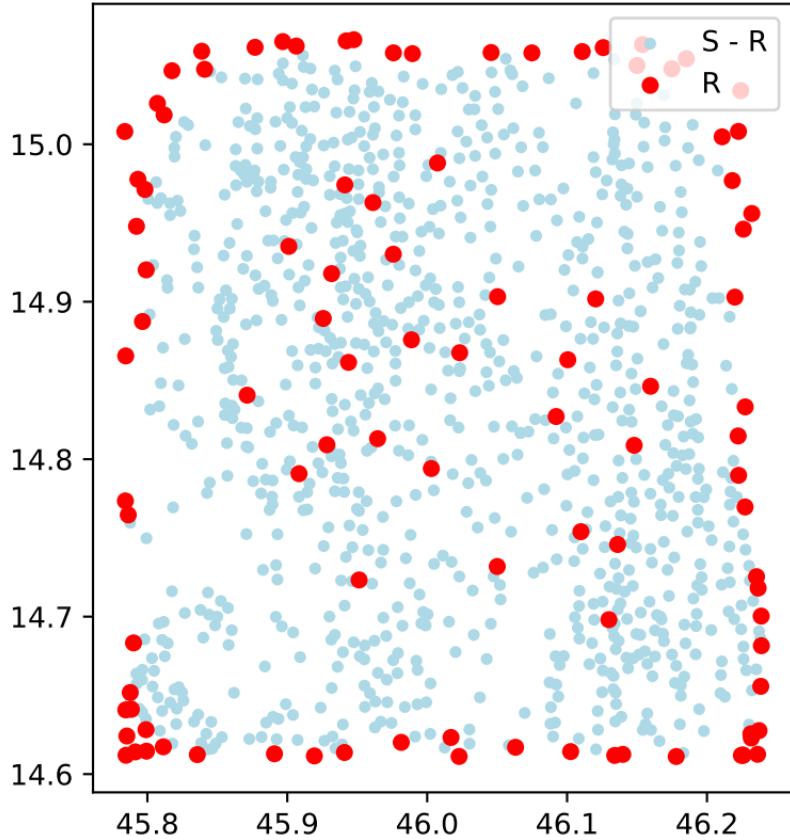
Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=100 | G=25 (5x5)
Base IAU No R Grid Sampling Sampling
Score: 23148.8205 Score: 22247.2164 Score: 22170.0681



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=100 | G=100 (10x10)



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=100 | G=256 (16x16)



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=100 | G=8 (2x4)

Baseline No R

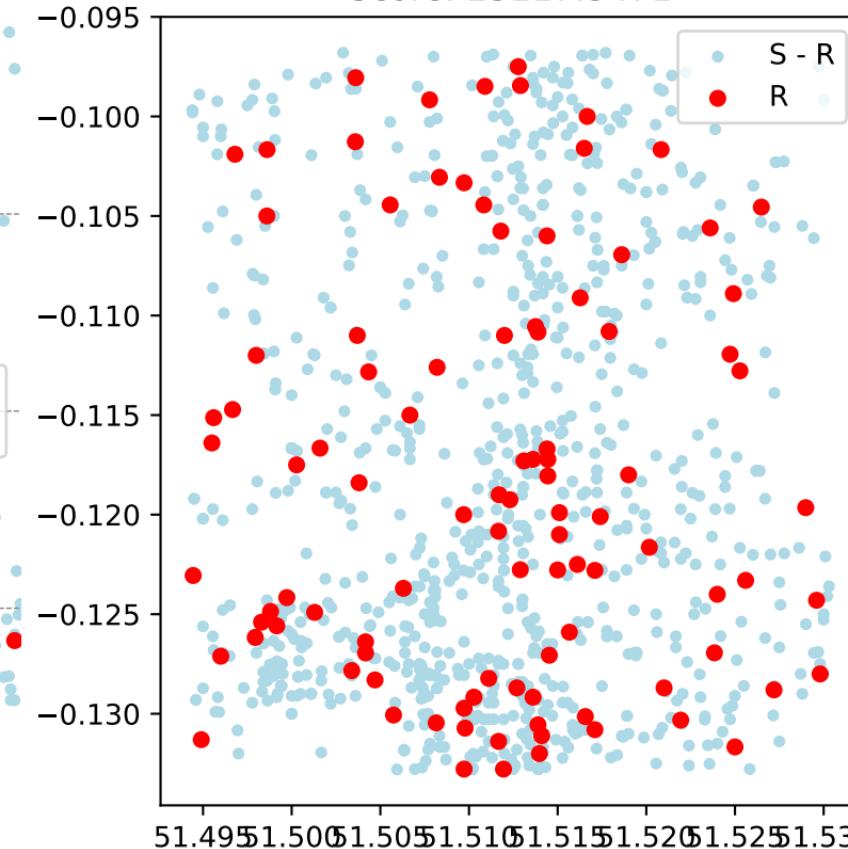
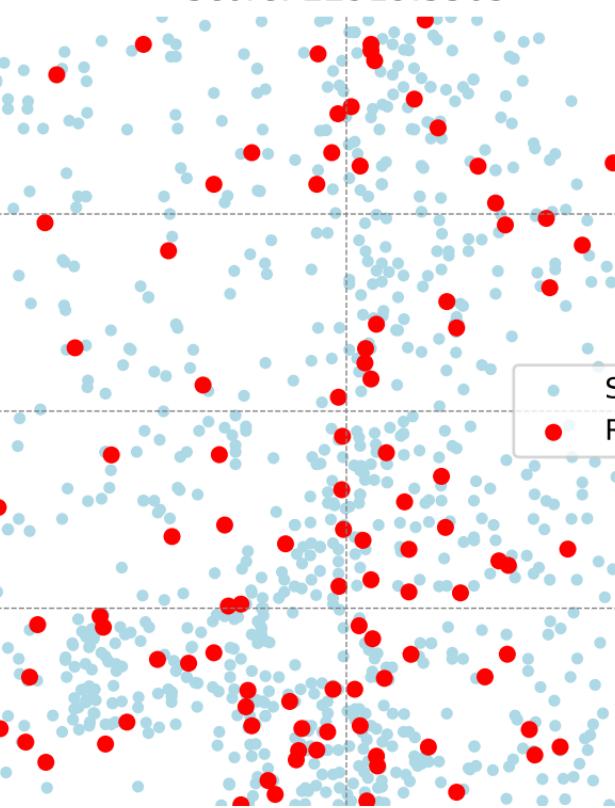
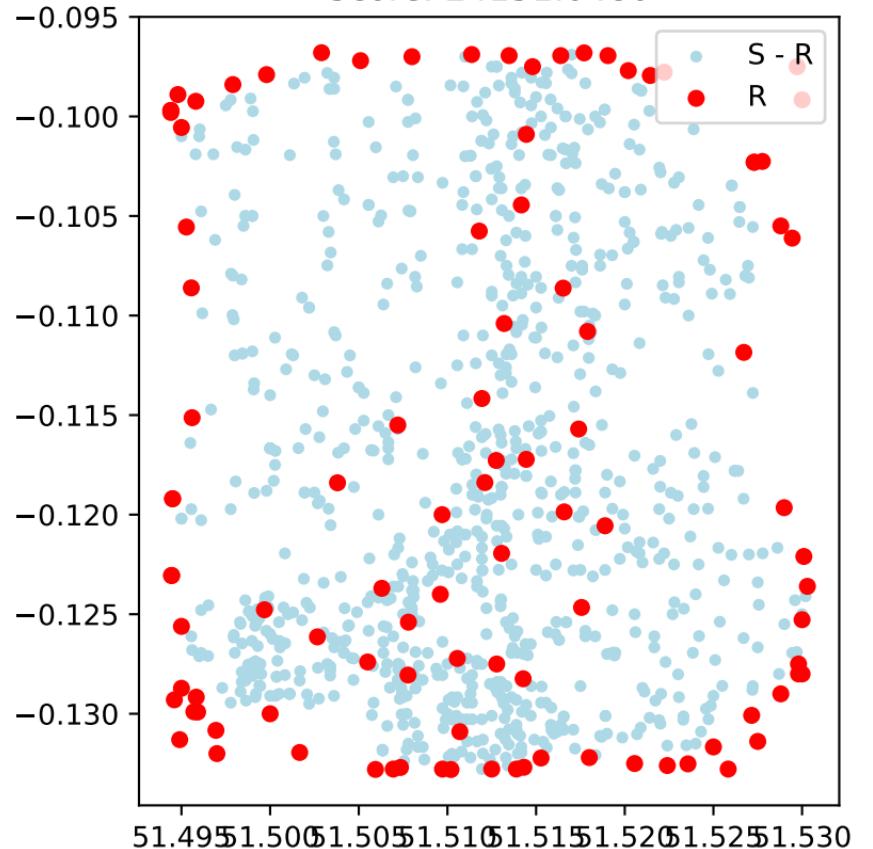
Score: 24151.0480

Grid Sampling

Score: 22919.3363

Sampling

Score: 23117.3471



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=100 | G=16 (4x4)

Base

Iadu No R

Score: 24151.0480

Grid Sampling

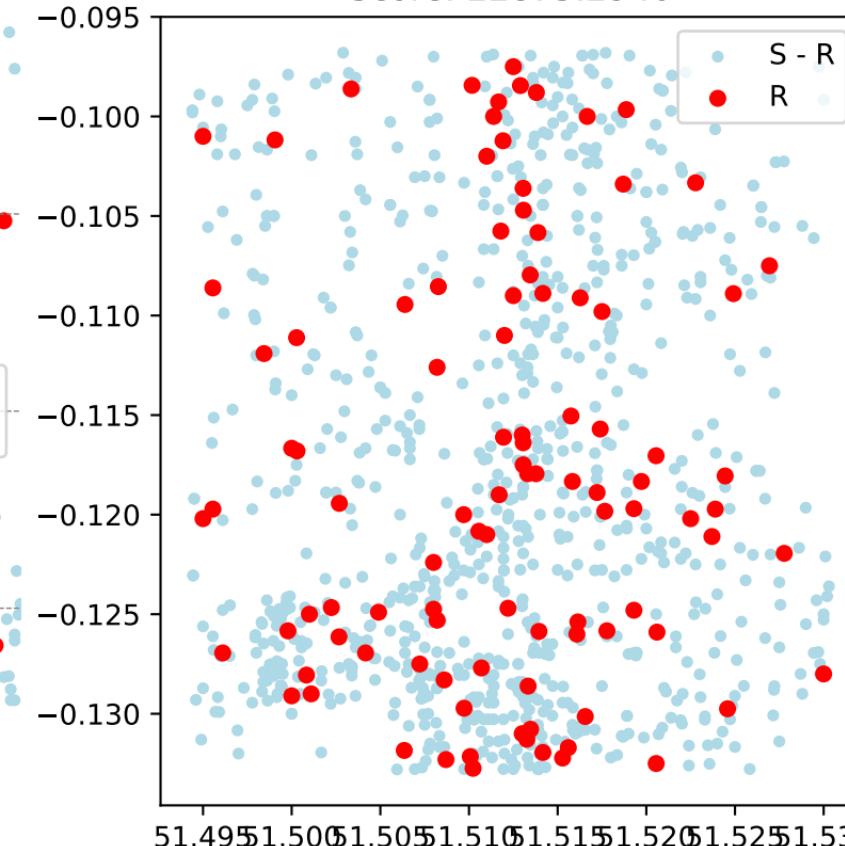
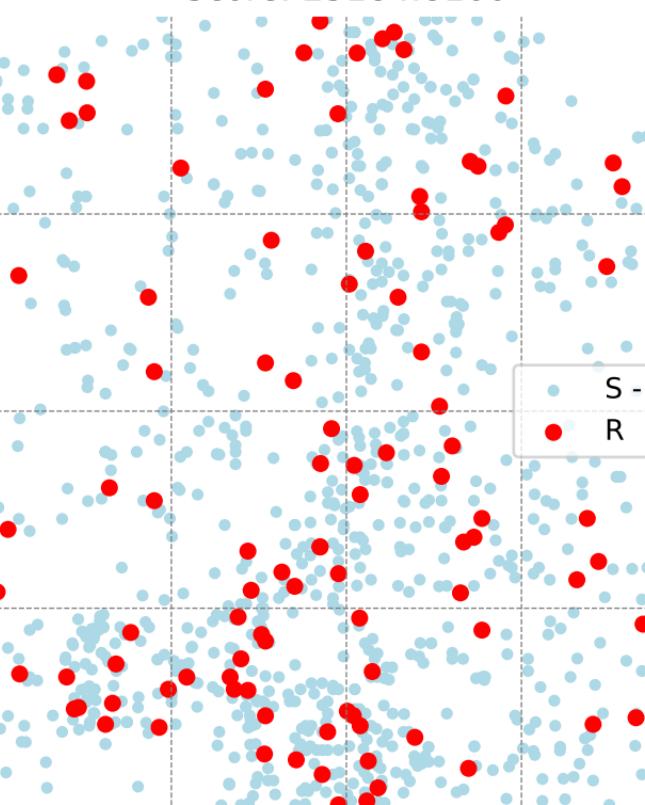
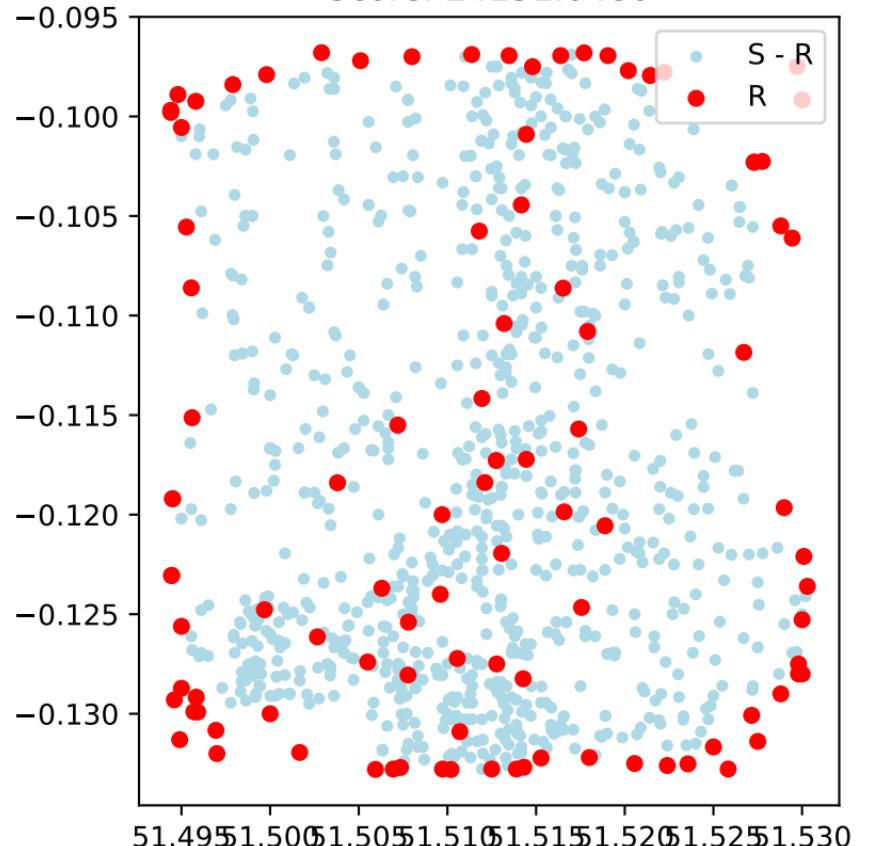
Sampling

Score: 23184.8160

Sampling

Sampling

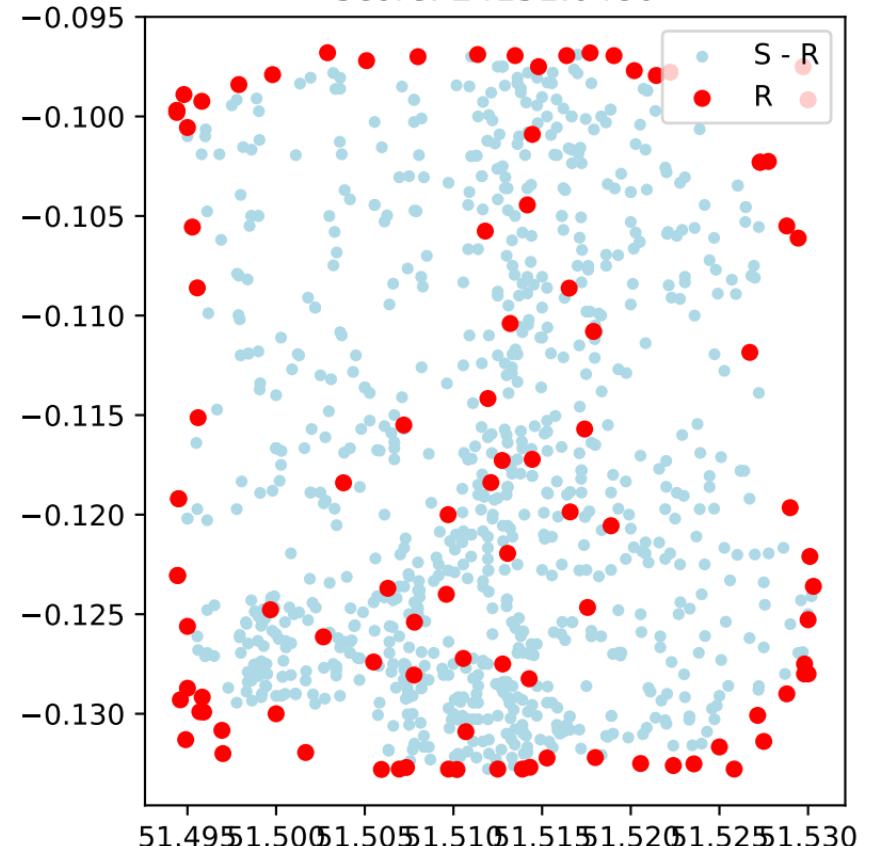
Score: 22875.2940



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=100 | G=25 (5x5)

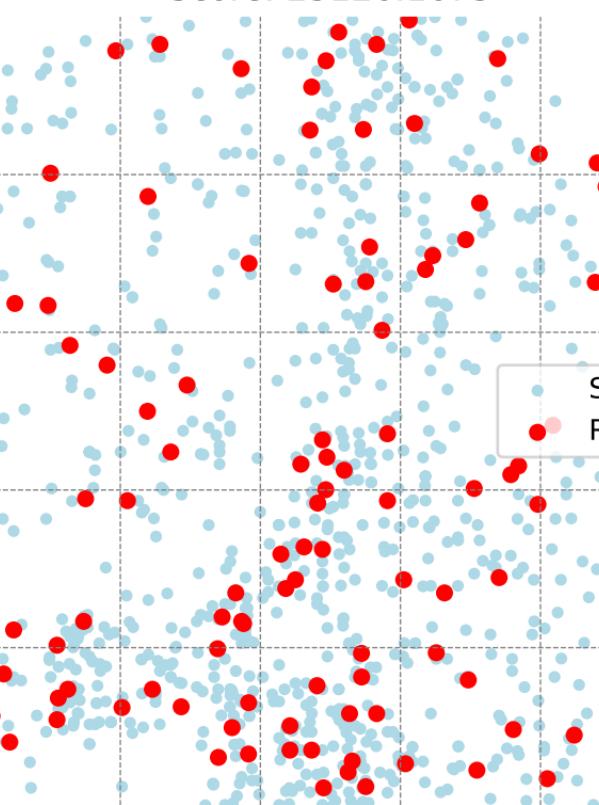
Base Iadu No R

Score: 24151.0480



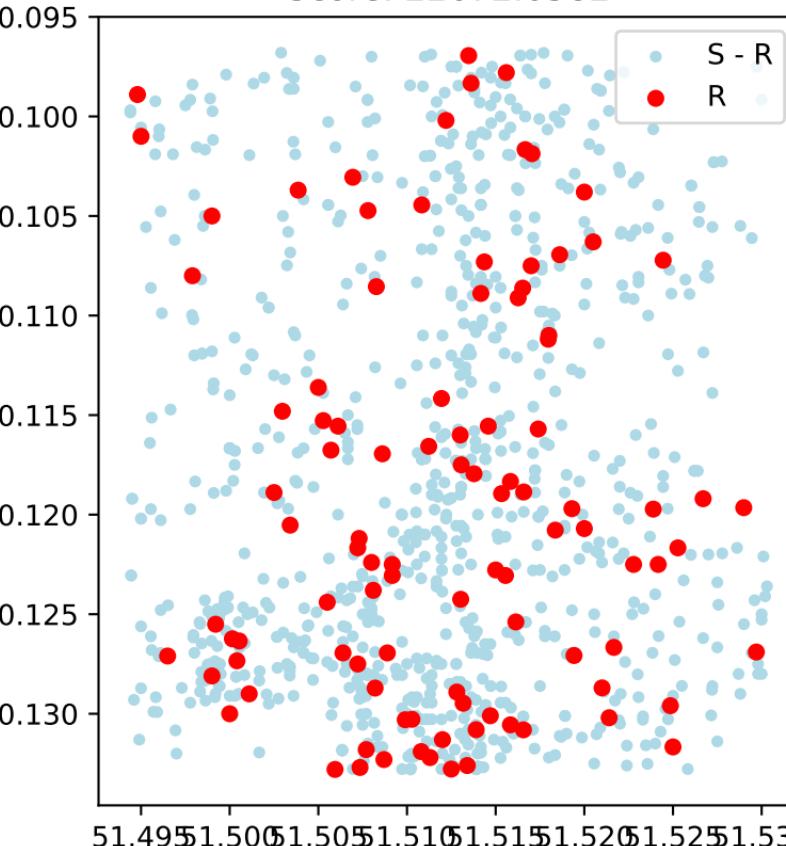
Grid Sampling

Score: 23126.1673



Sampling

Score: 22672.0582



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=100 | G=100 (10x10)

Base Padu No R

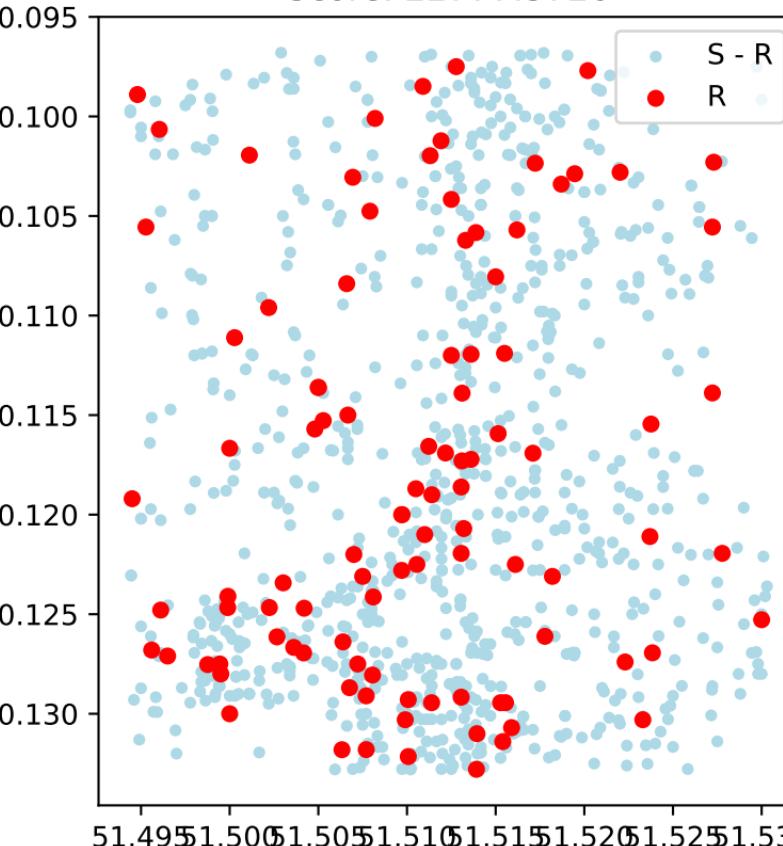
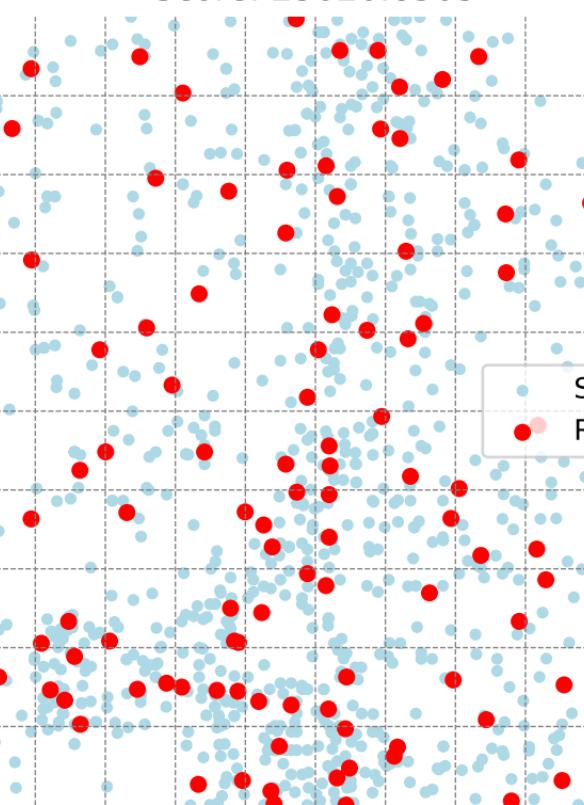
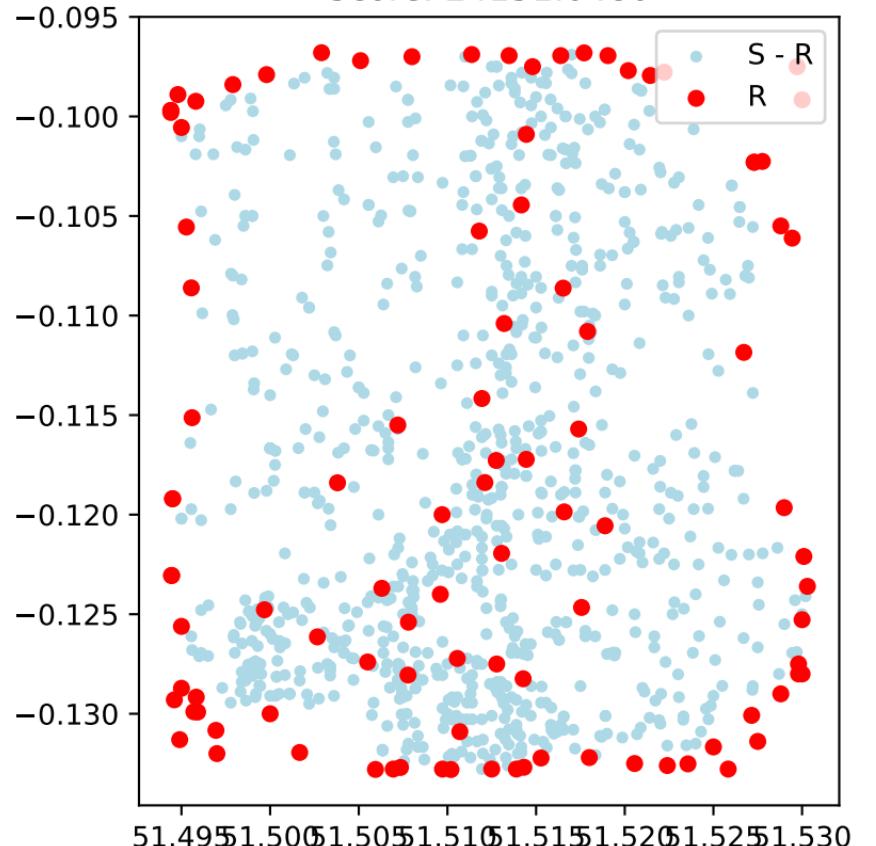
Score: 24151.0480

Grid Sampling

Score: 23020.8503

Sampling

Score: 22777.3726



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=100 | G=256 (16x16)

Base Padu No R

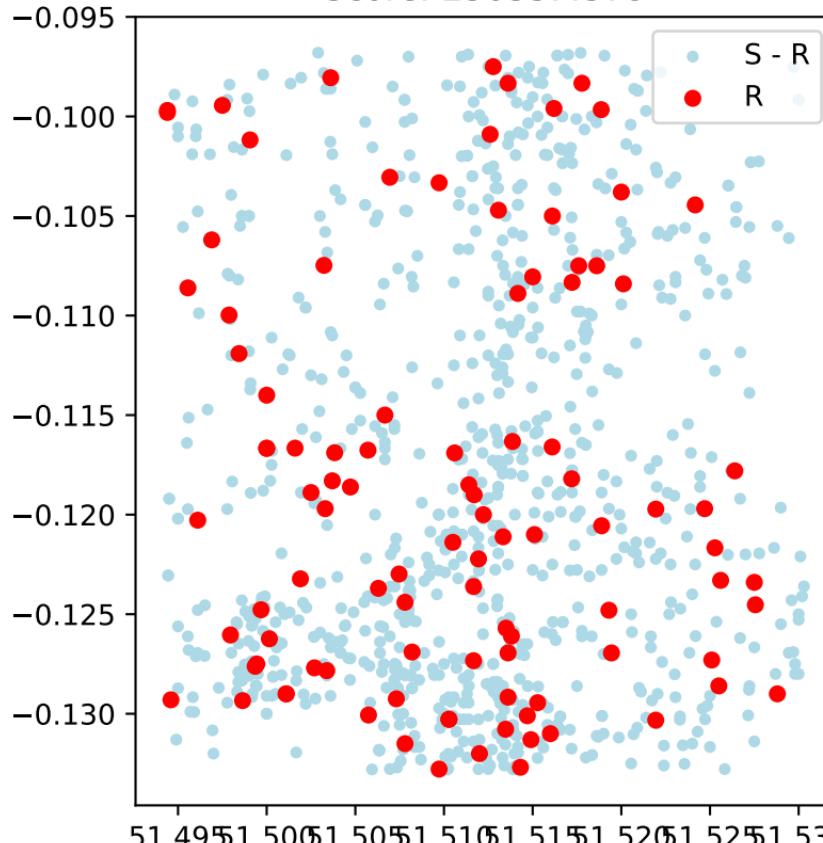
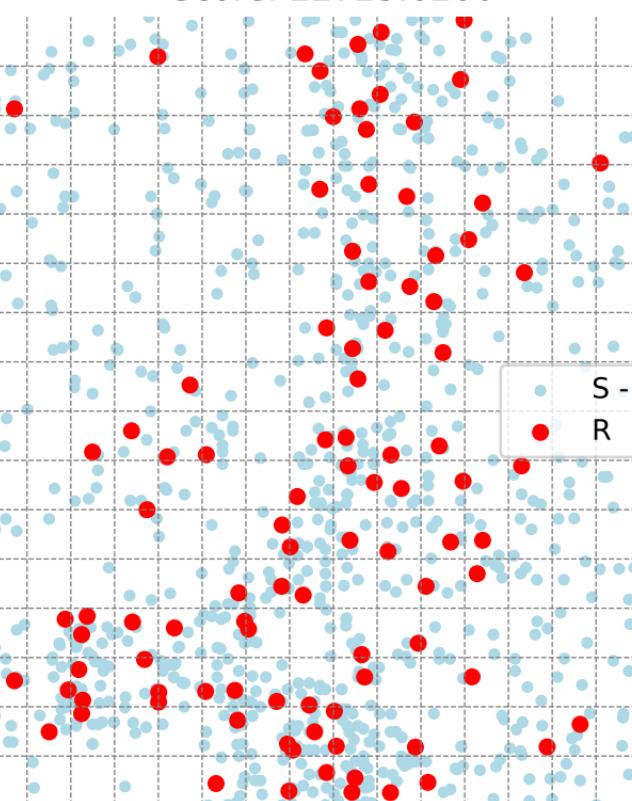
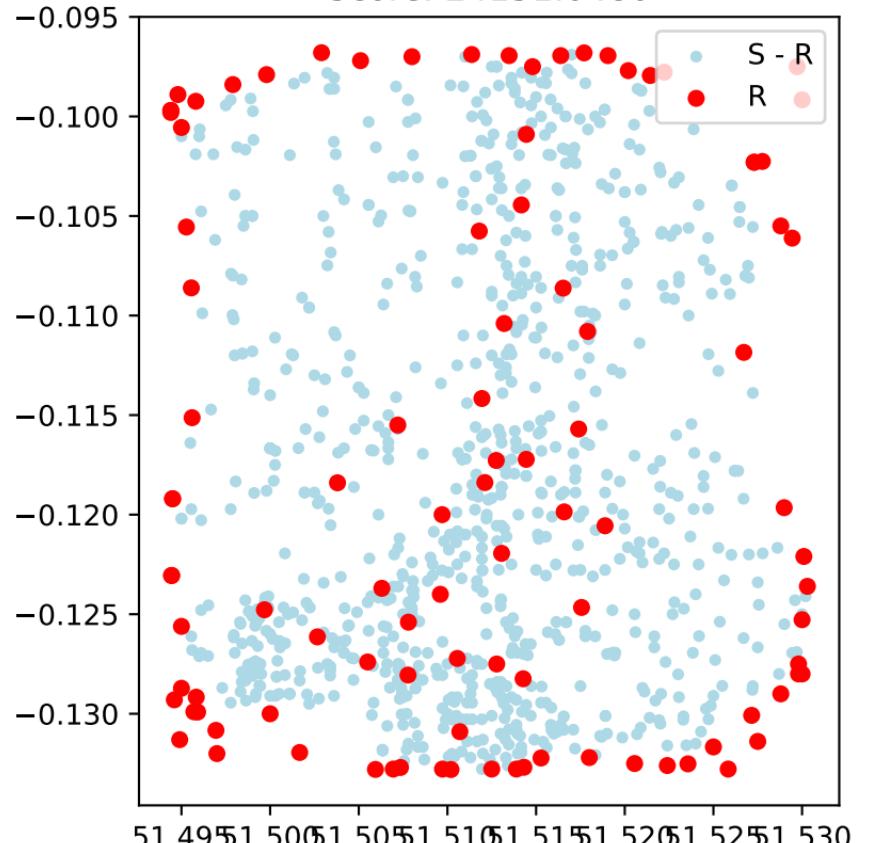
Grid Sampling

Sampling

Score: 24151.0480

Score: 22723.6206

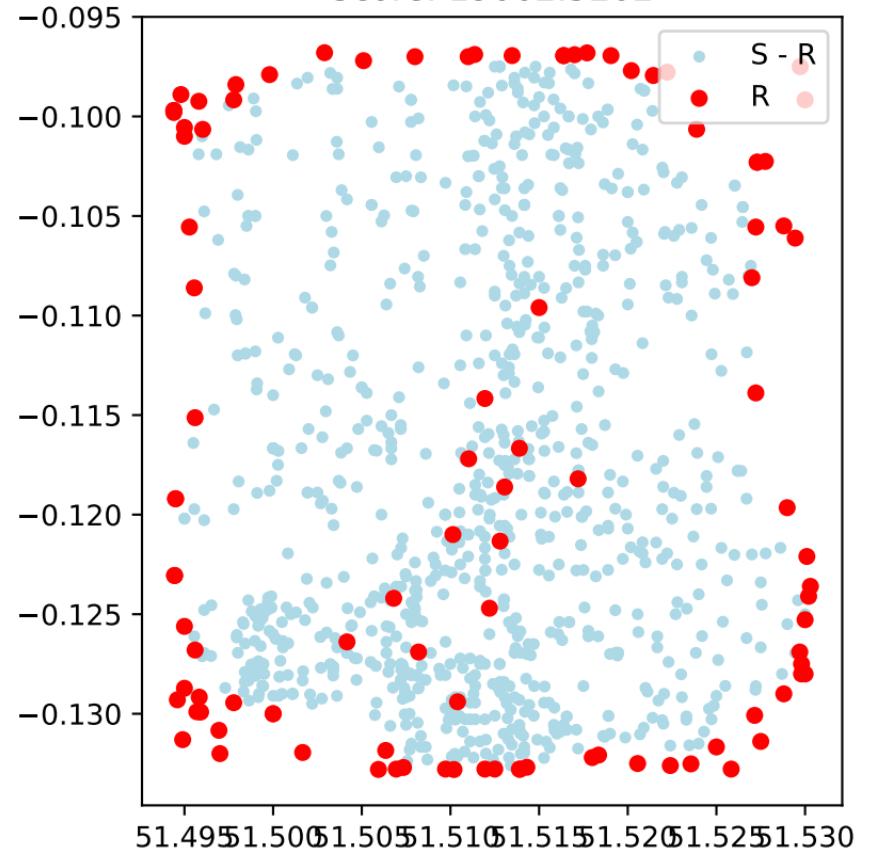
Score: 23035.4579



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=100 | G=8 (2x4)

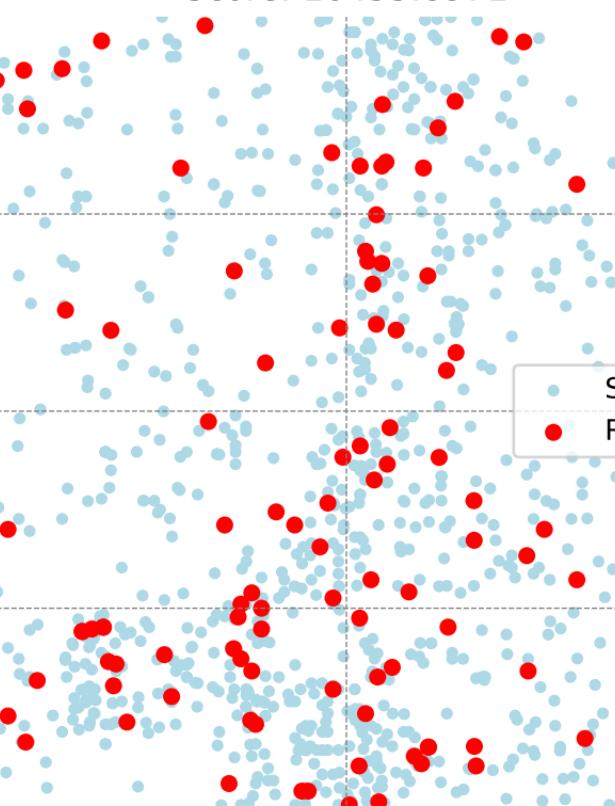
Baseline No R

Score: 19062.5202



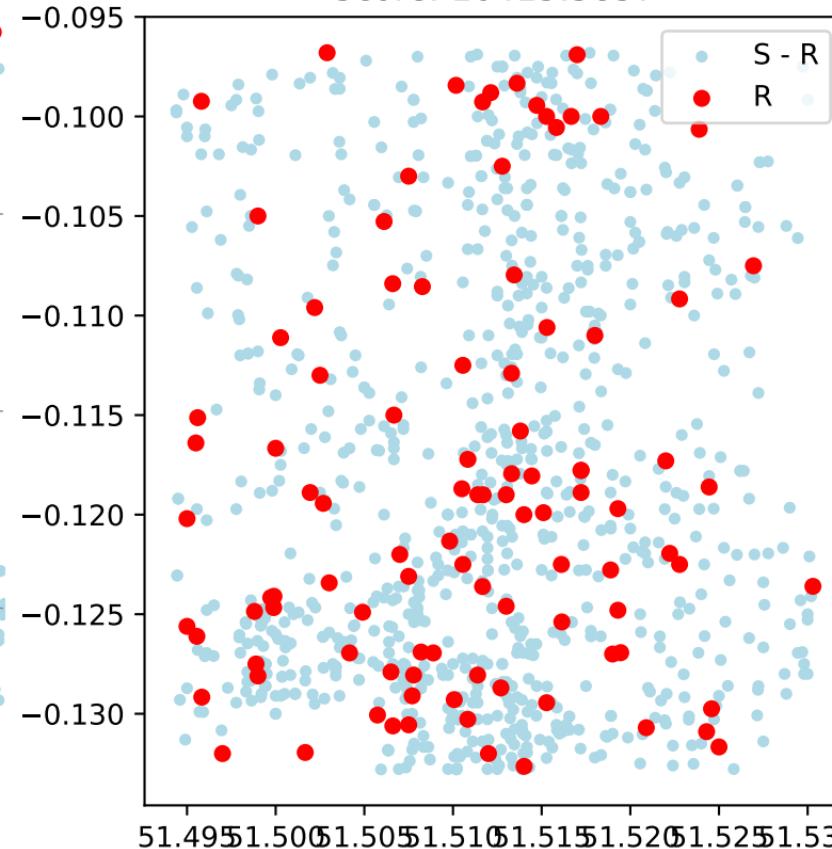
Grid Sampling

Score: 16455.8971

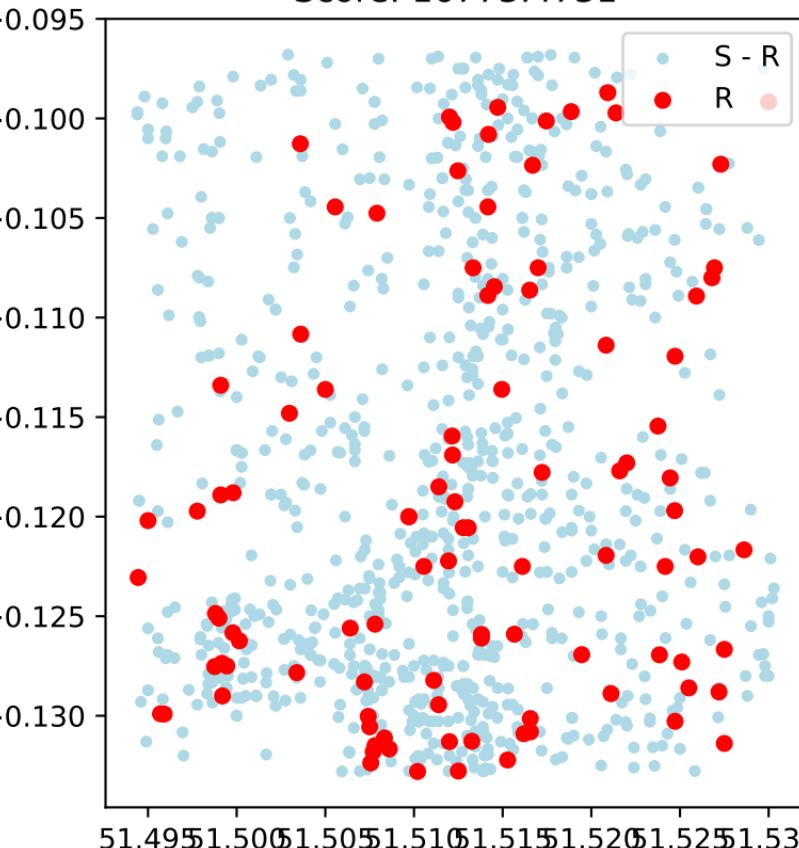
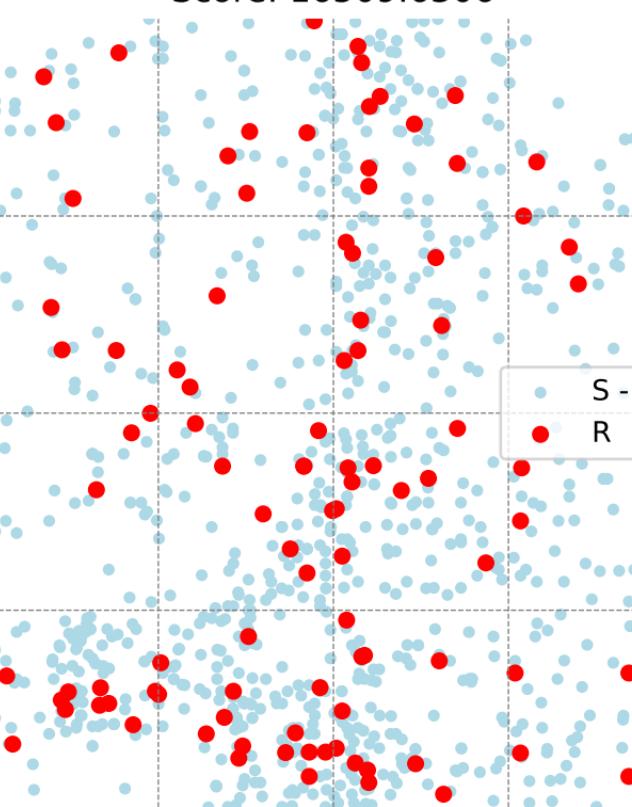
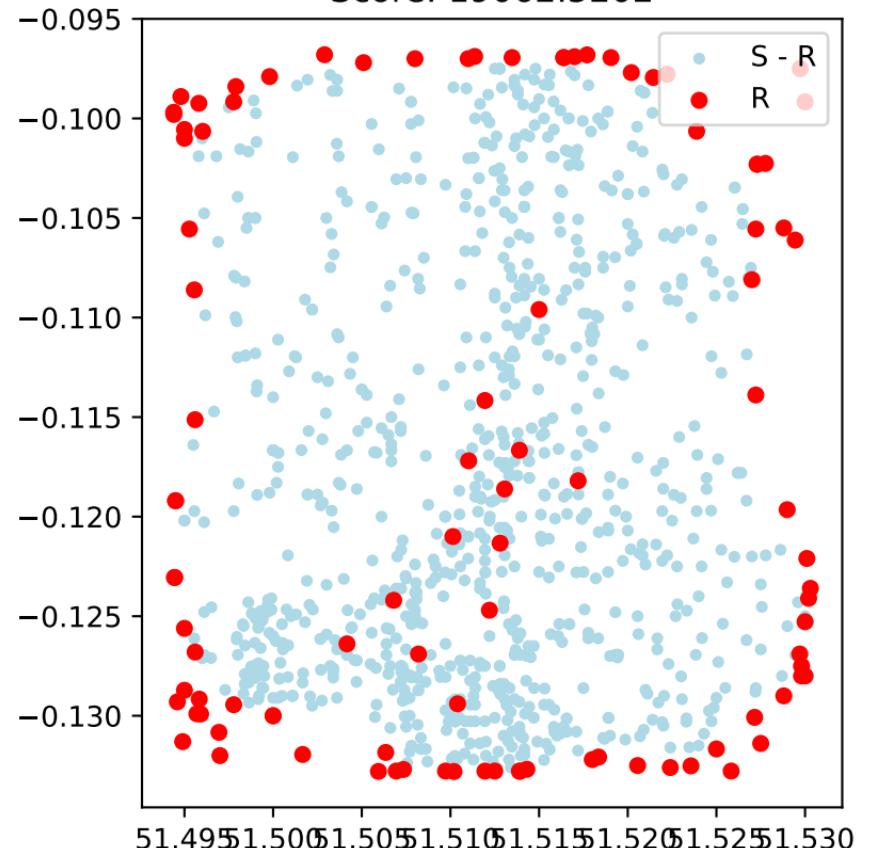


Sampling

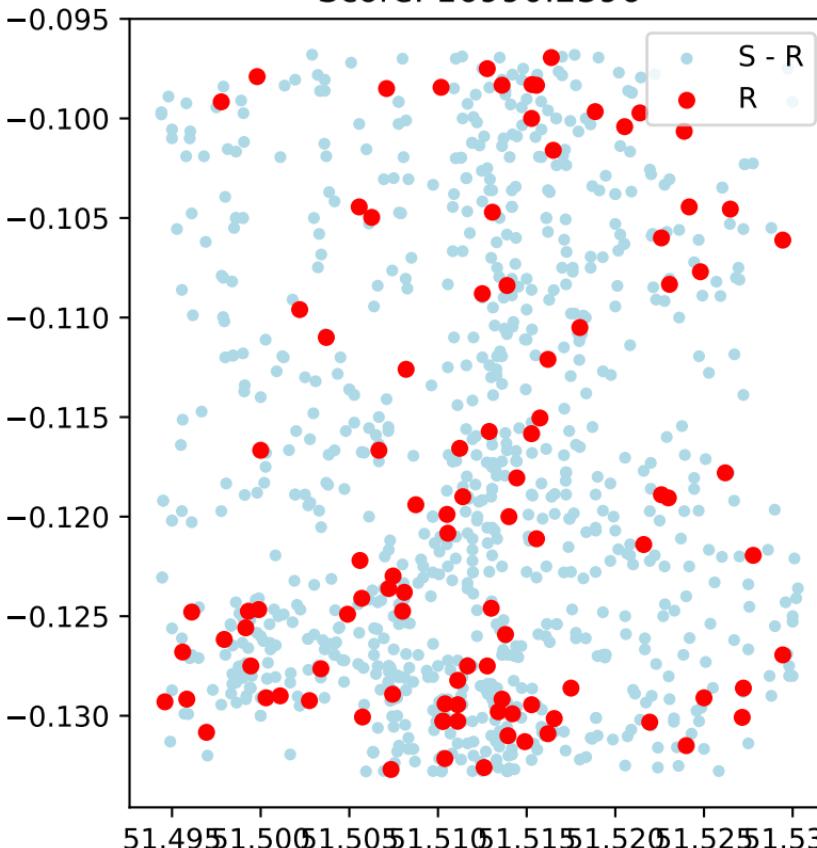
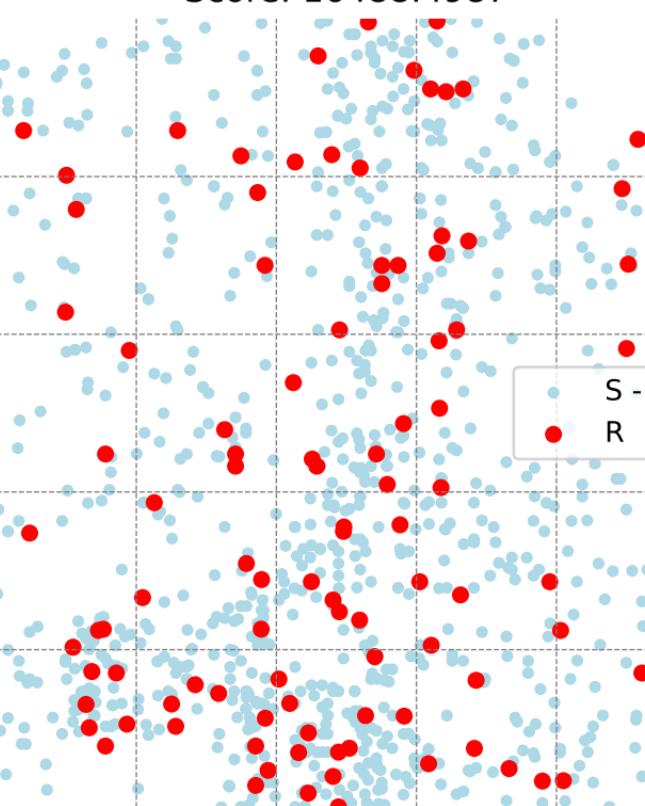
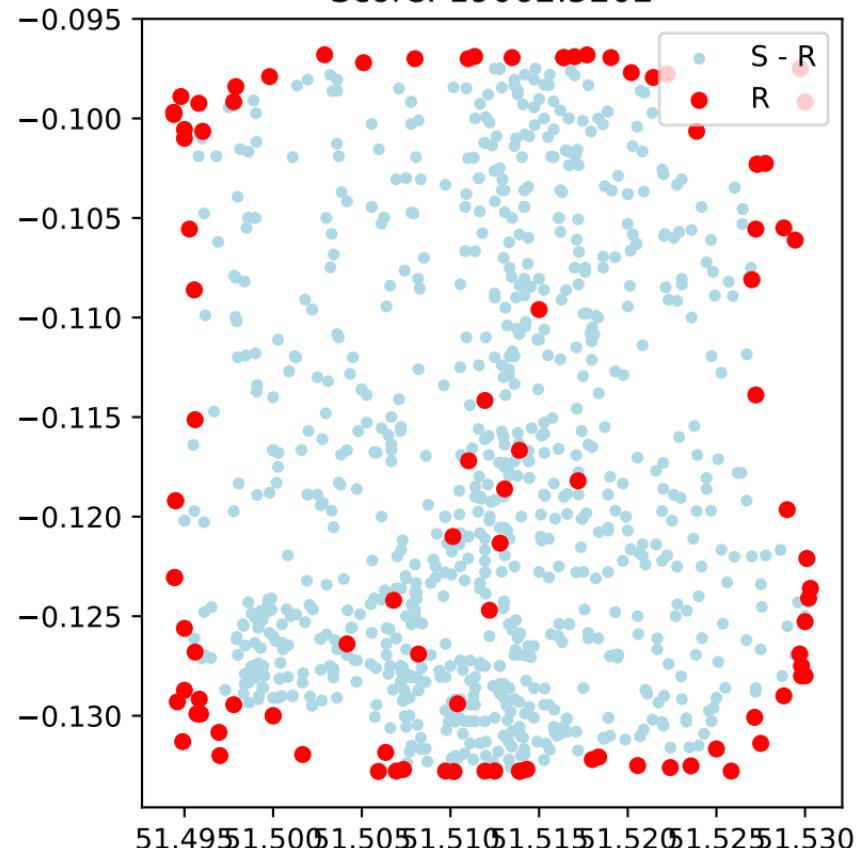
Score: 16415.5857



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=100 | G=16 (4x4)
Base IAU No R Grid Sampling Sampling
Score: 19062.5202 Score: 16509.6306 Score: 16773.4731



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=100 | G=25 (5x5)
Base IAU No R | Grid Sampling | Sampling
Score: 19062.5202 Score: 16488.4987 Score: 16990.2396



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=100 | G=100 (10x10)

Base

Padu

No R

Grid

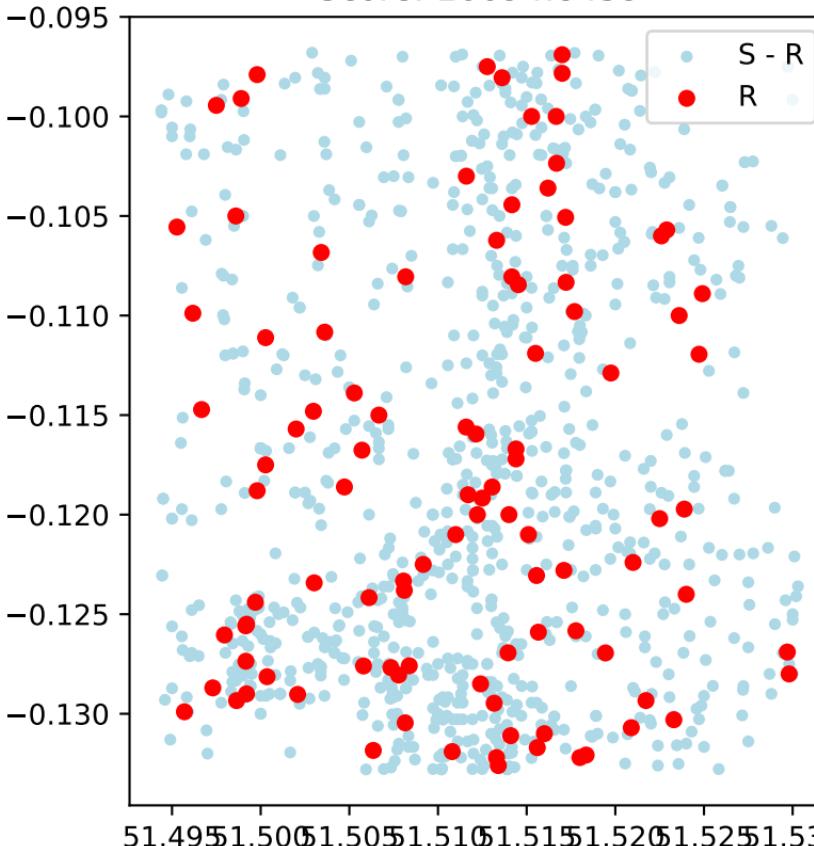
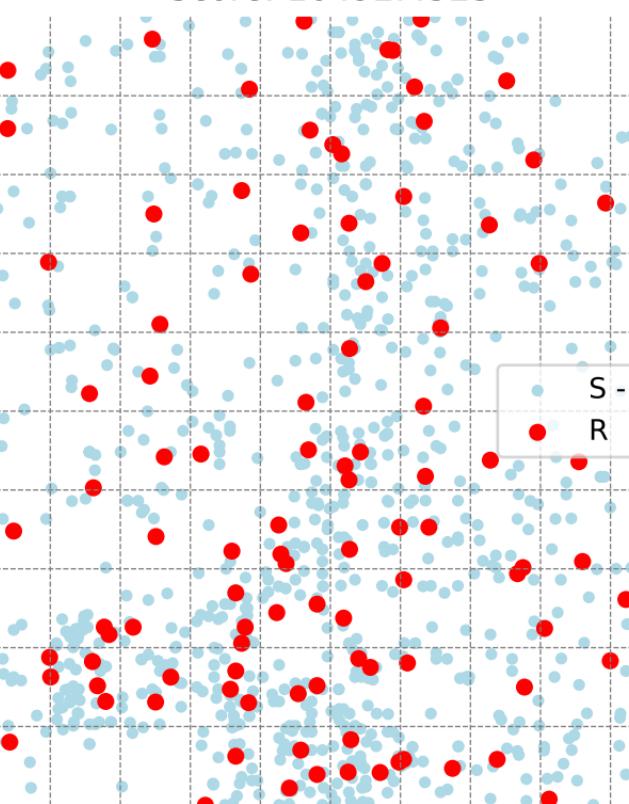
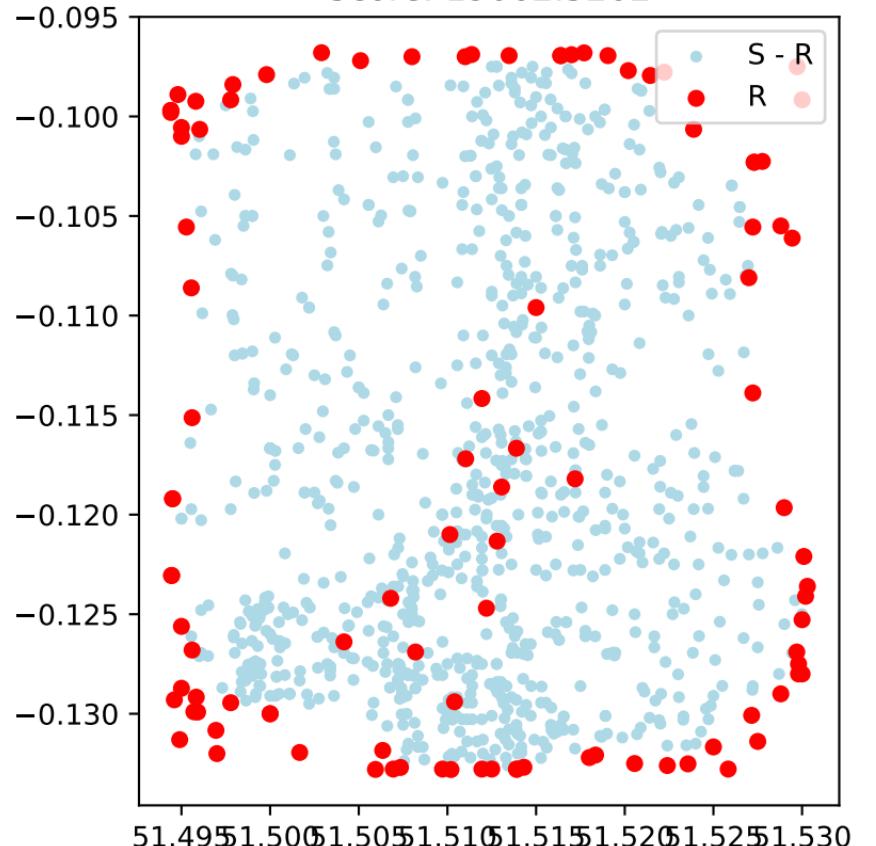
Sampling

Sampling

Score: 19062.5202

Score: 16492.4523

Score: 16694.8459



Dataset: dbpedia_1994_FIFA_World_Cup_squads | K=1000, k=100 | G=256 (16x16)

Base Padu No R

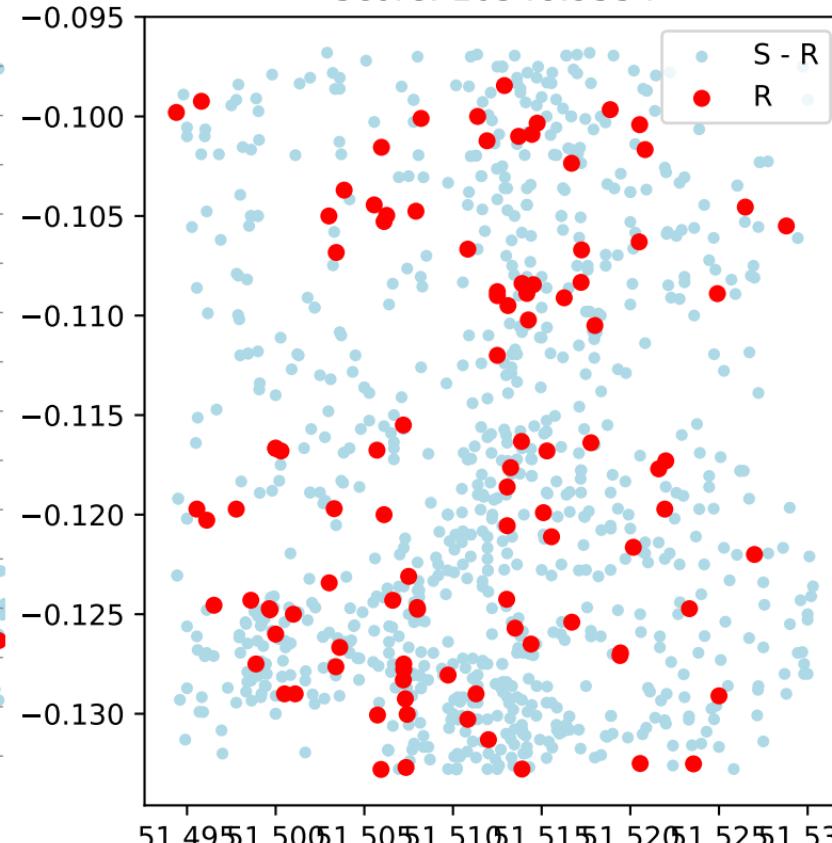
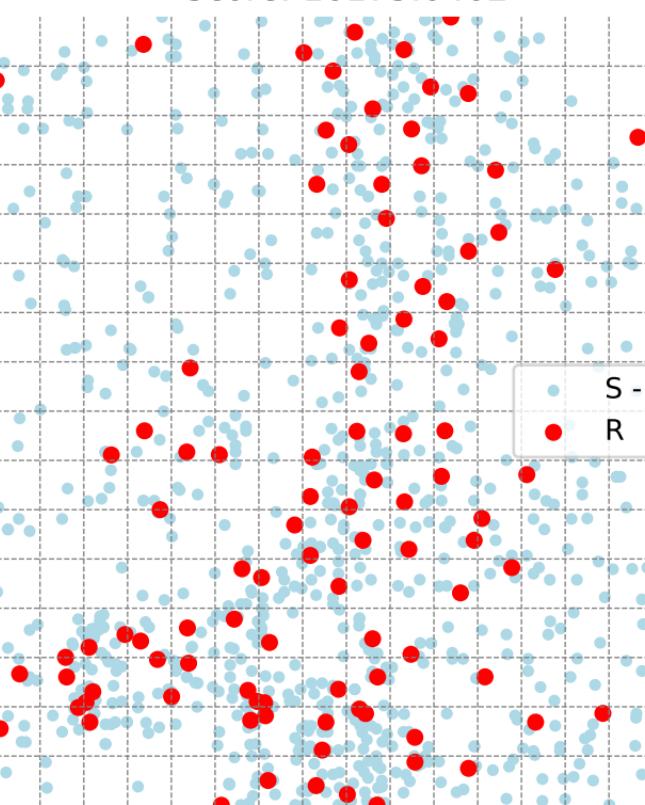
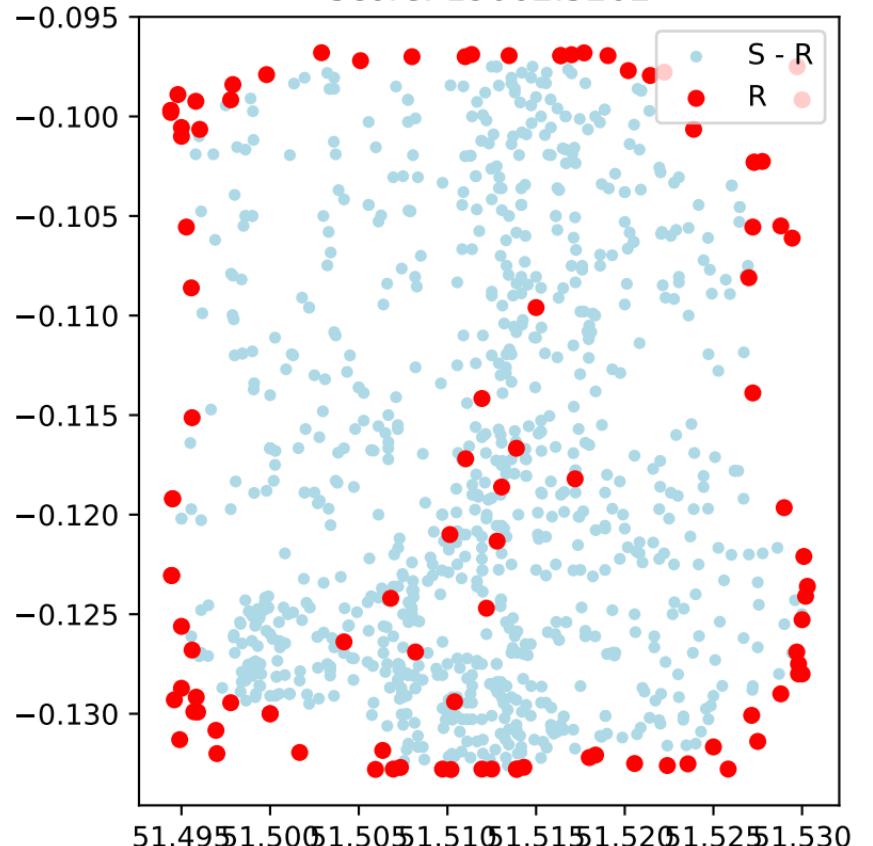
Grid Sampling

Sampling

Score: 19062.5202

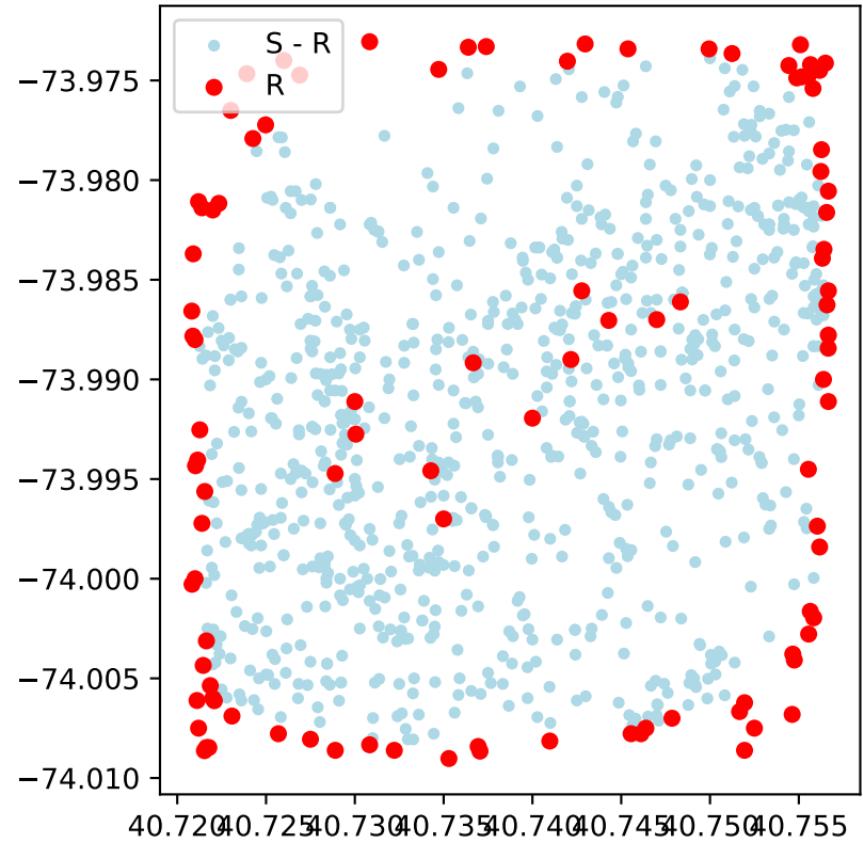
Score: 16175.0462

Score: 16348.9534

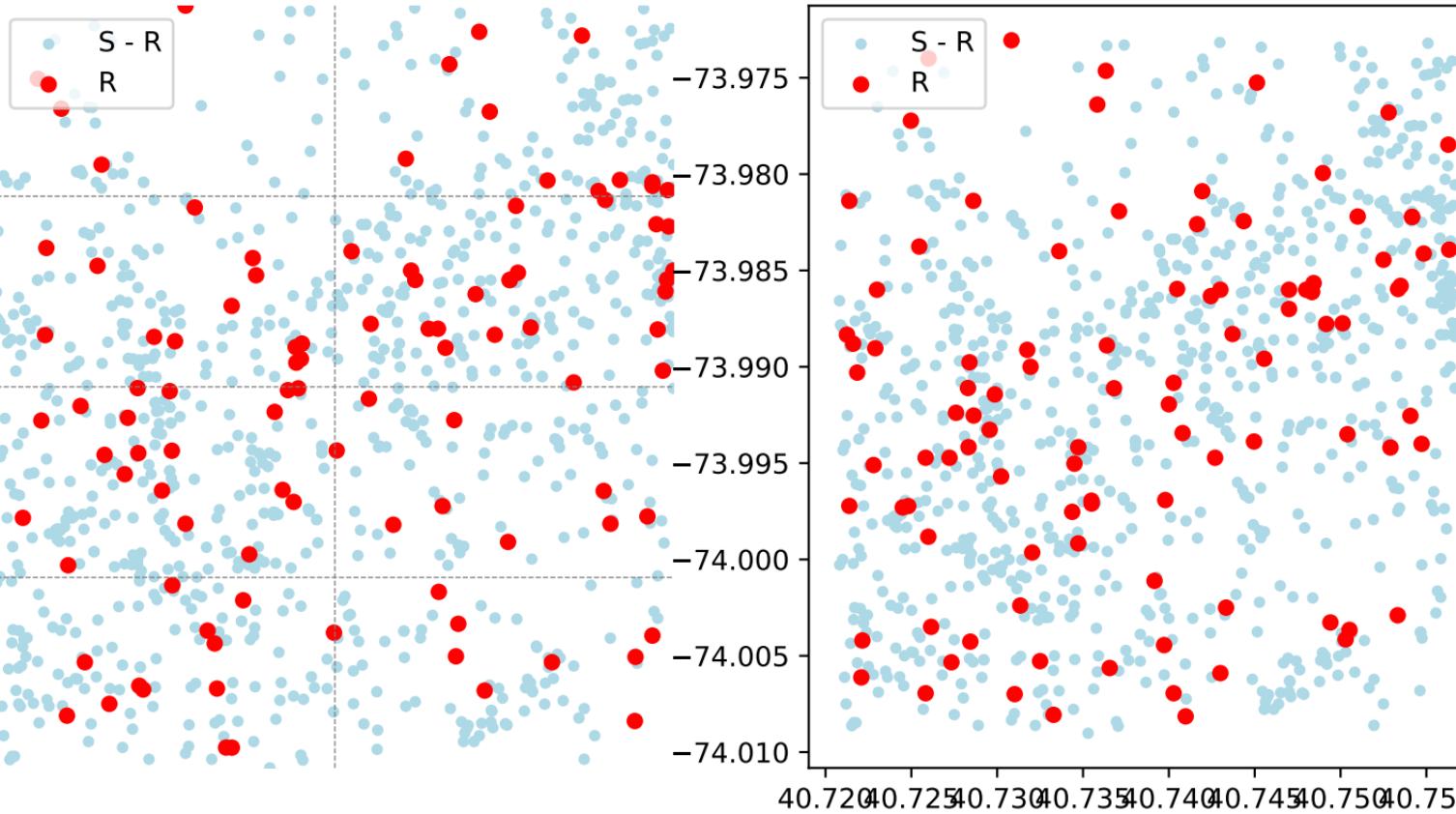


Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=100 | G=8 (2x4)

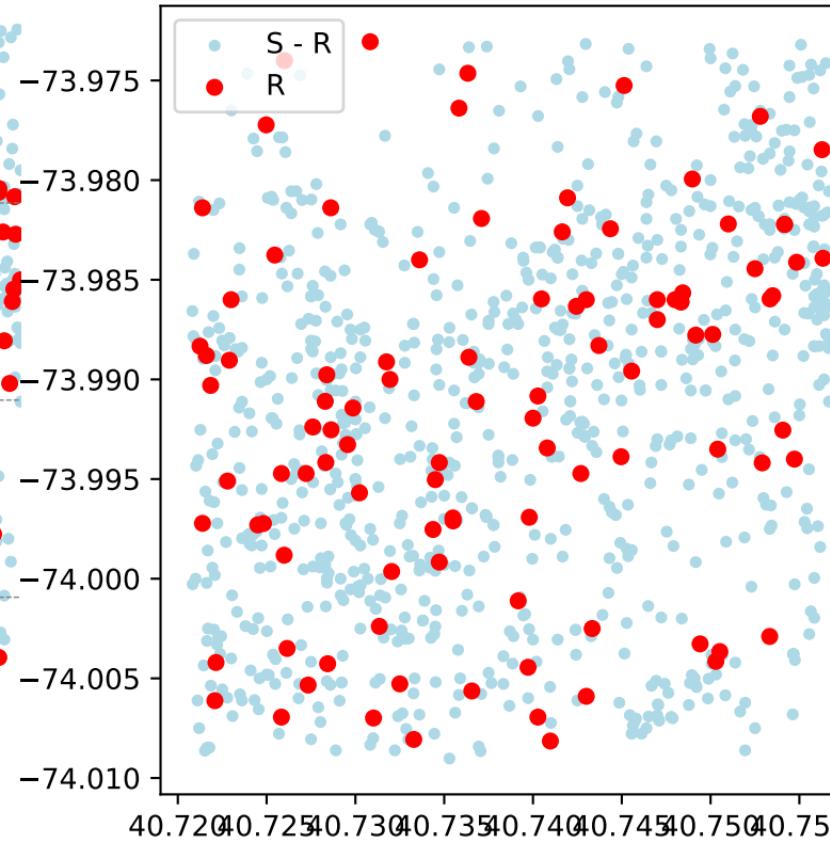
Baseladu No R
Score: 18803.0136



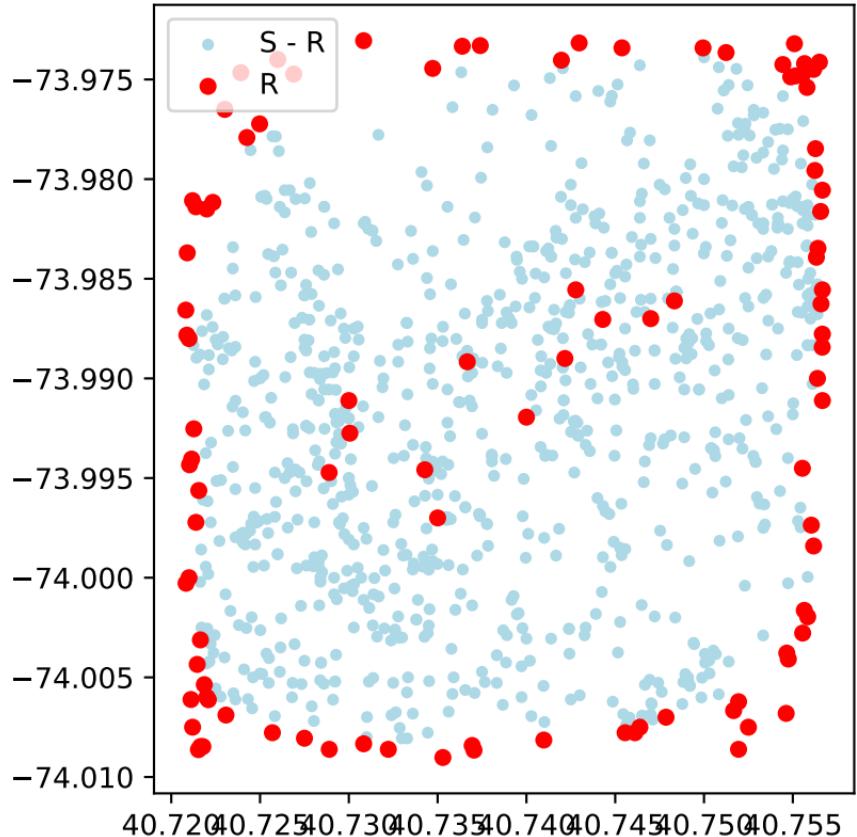
Grid Sampling
Score: 16377.6823



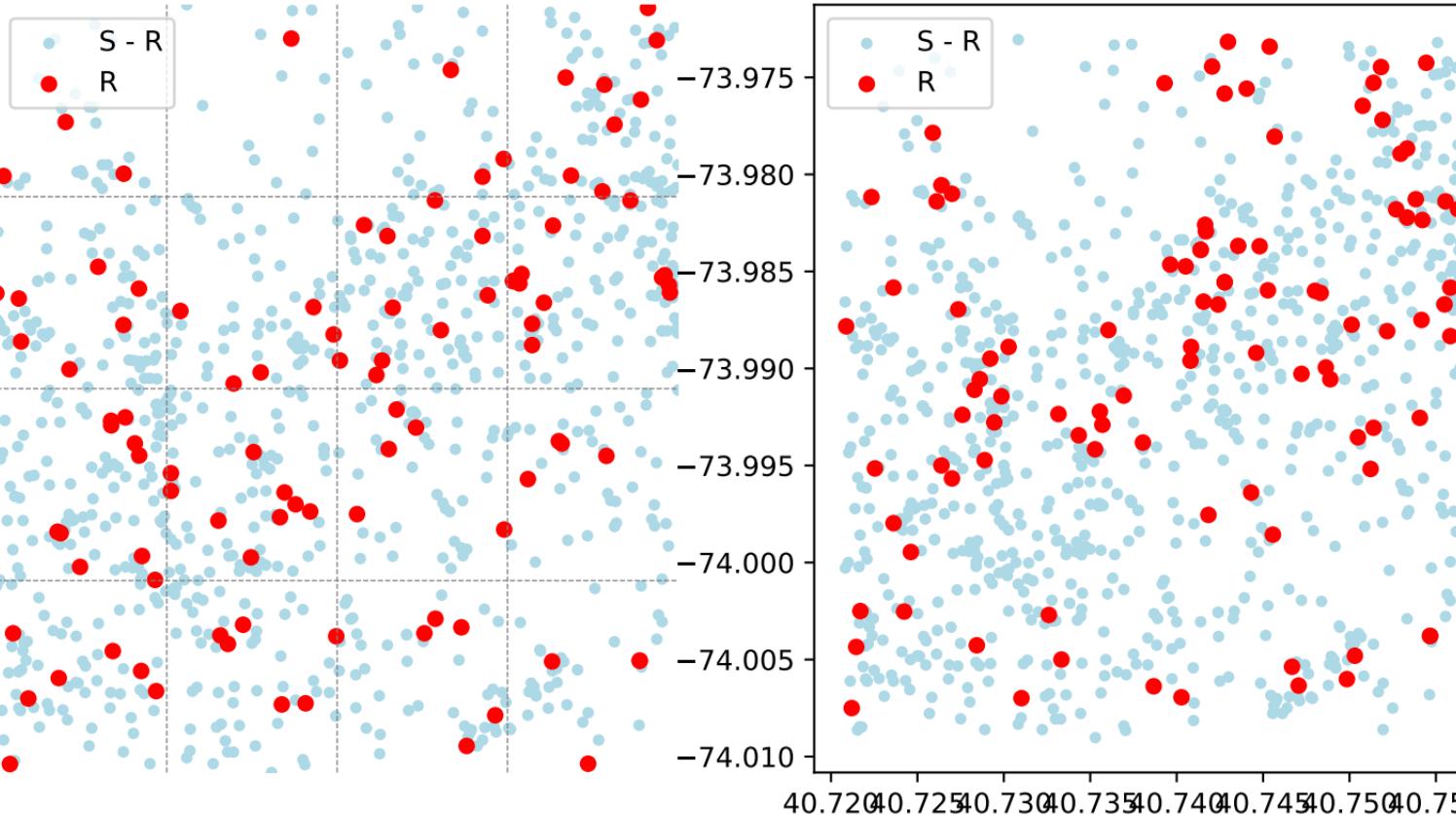
Sampling
Score: 16396.4813



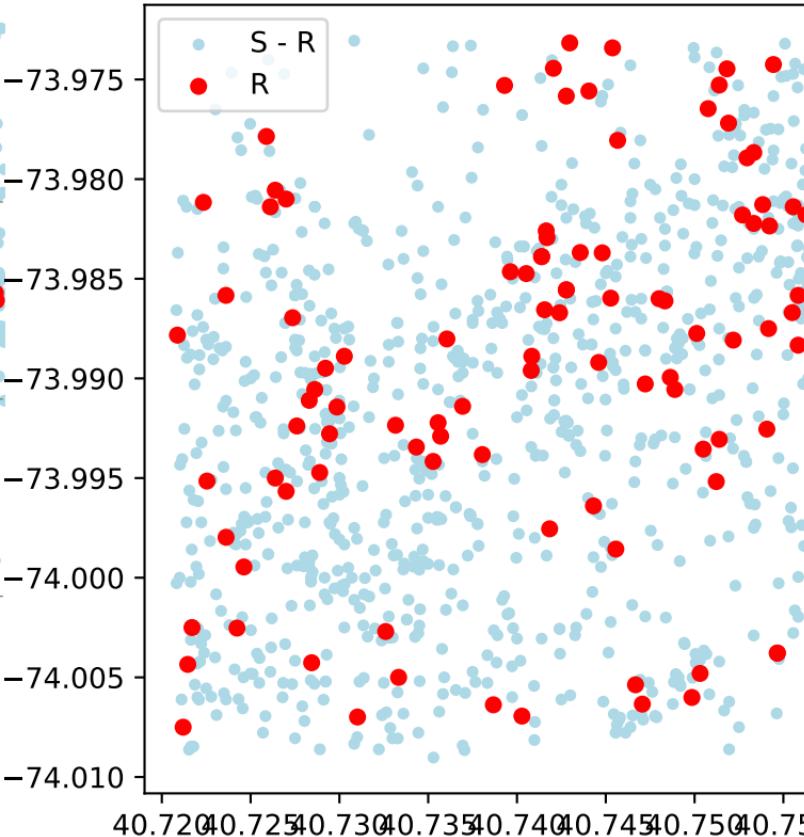
Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=100 | G=16 (4x4)
Base IAU No R
Score: 18803.0136



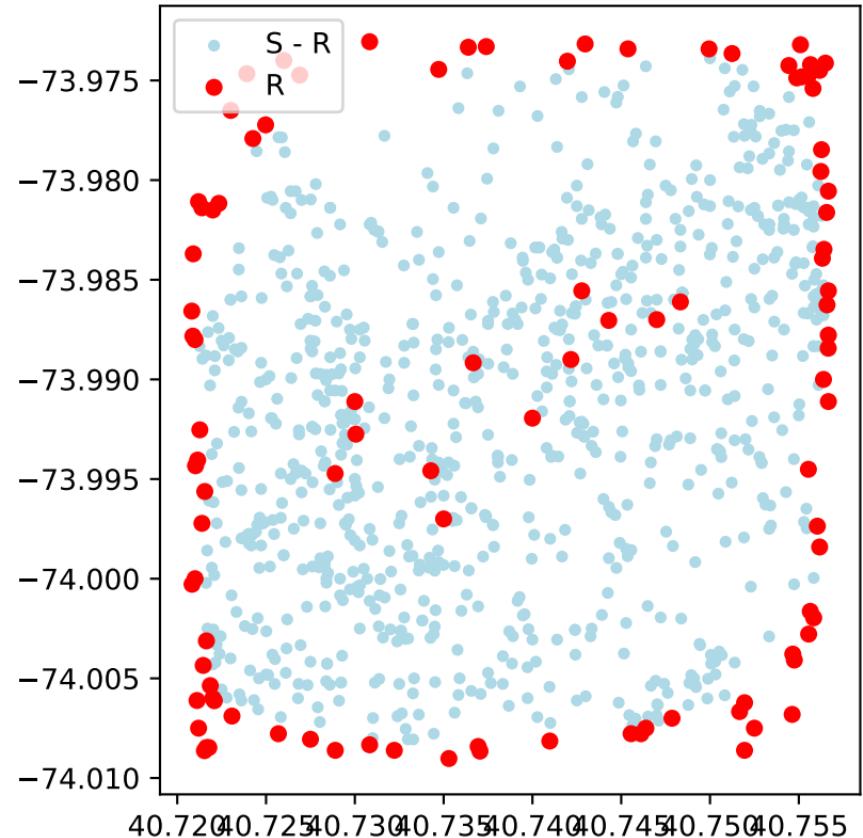
Grid Sampling
Score: 16537.9840



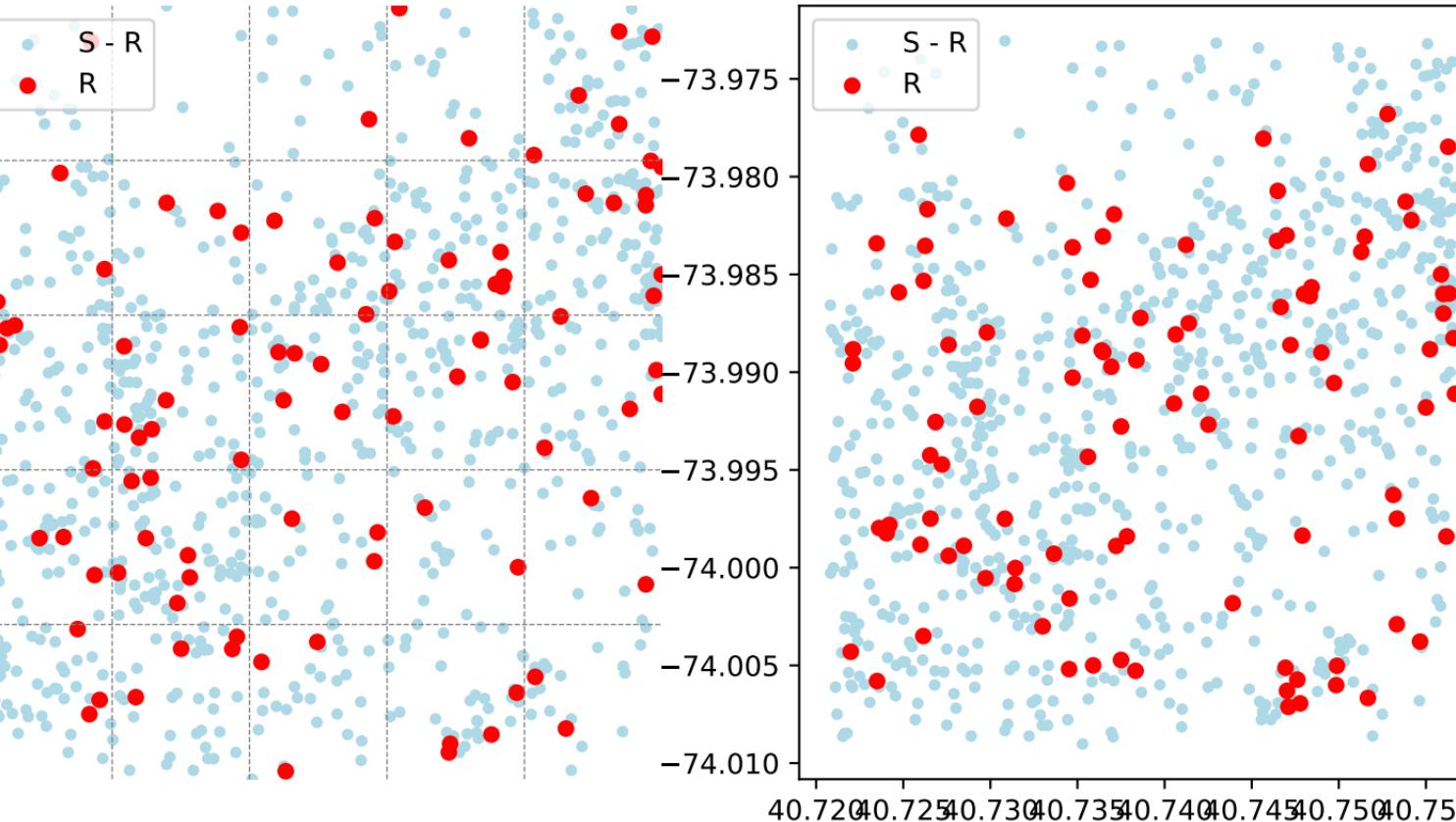
Sampling
Score: 16152.9213



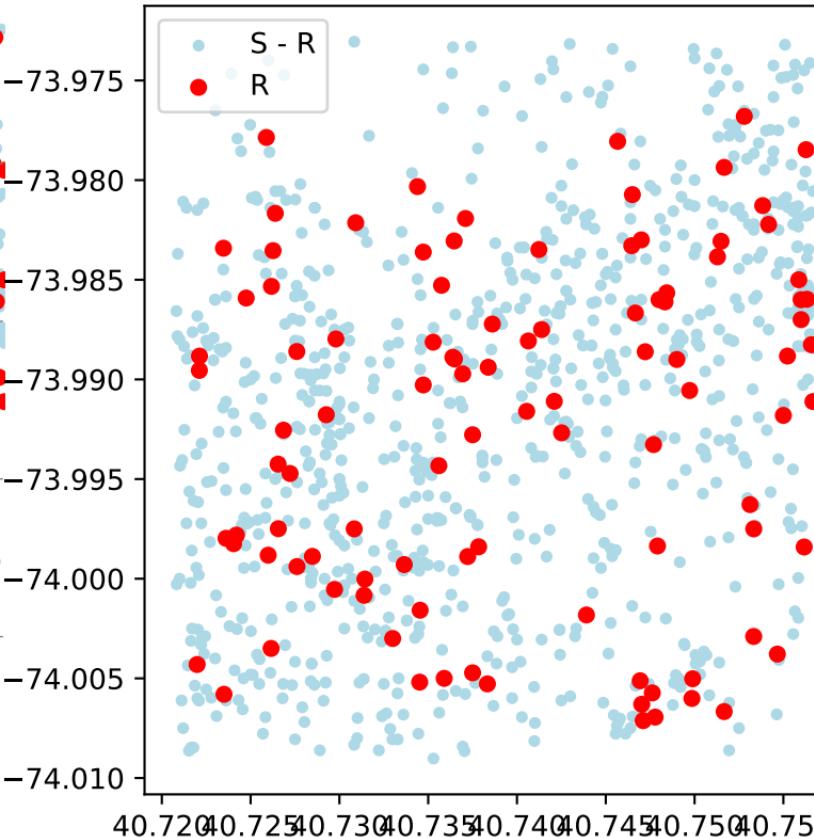
Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=100 | G=25 (5x5)
Base IAU No R
Score: 18803.0136



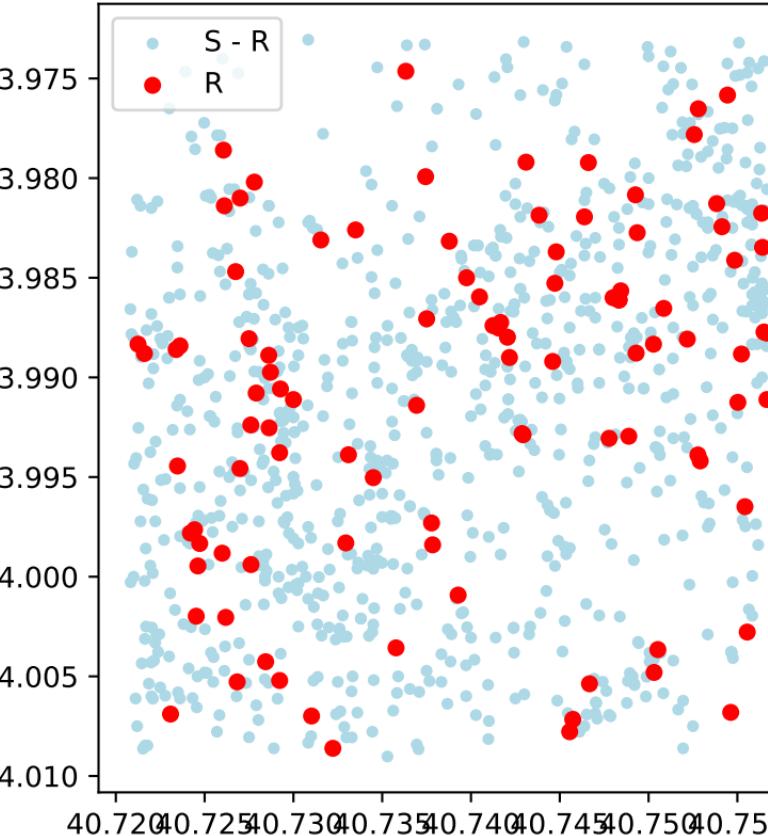
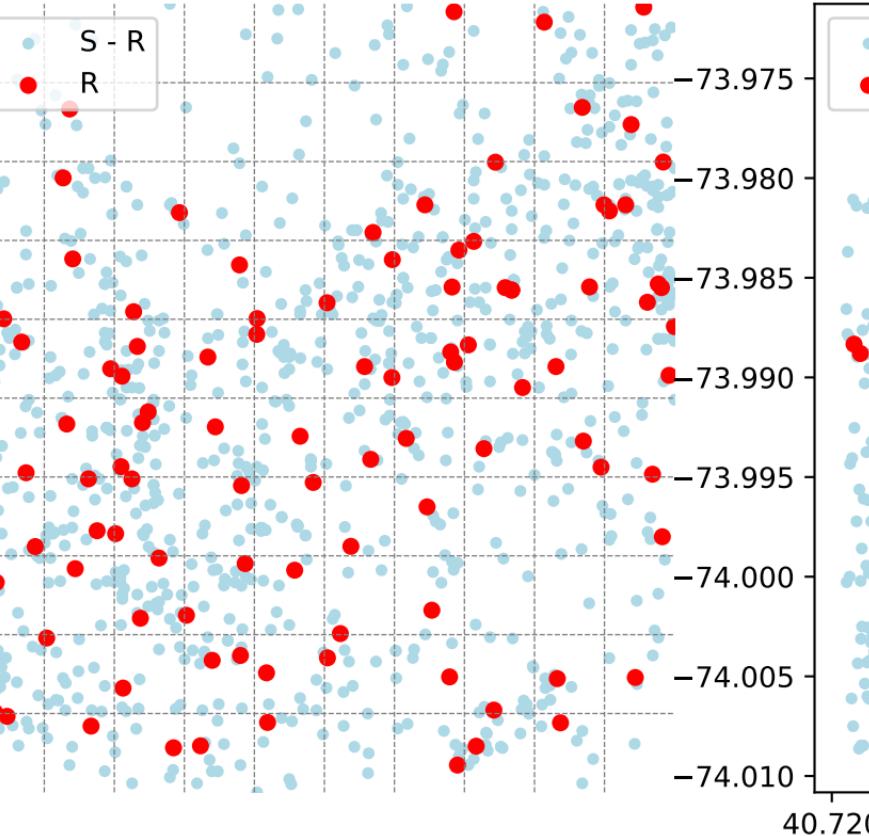
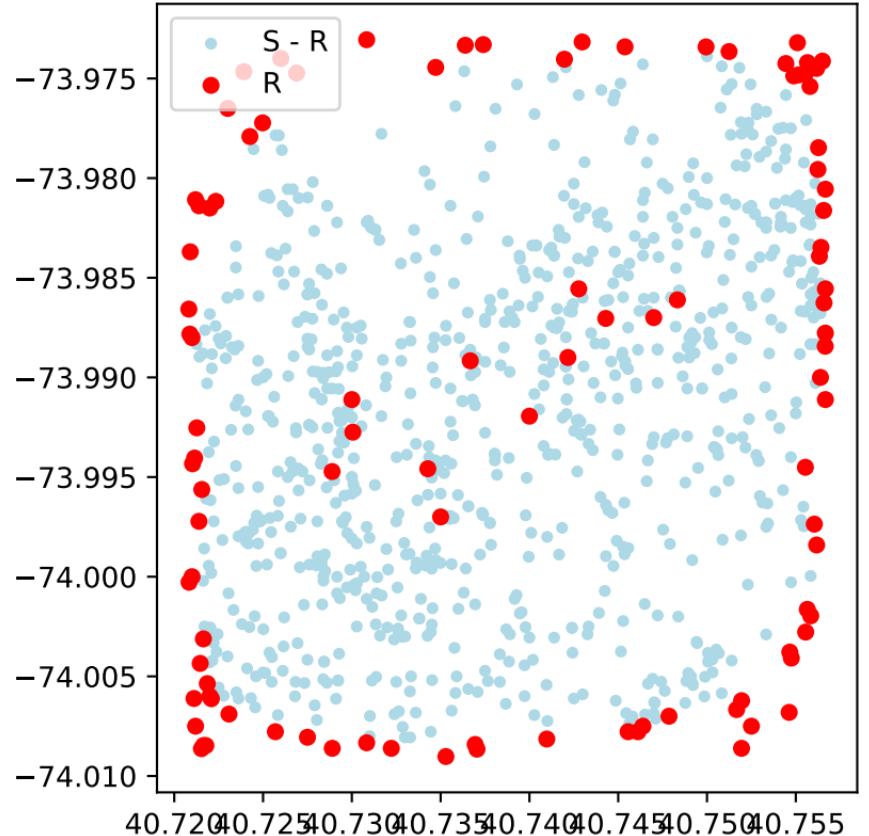
Grid Sampling
Score: 16749.6370



Sampling
Score: 16346.1885



Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=100 | G=100 (10x10)
Base Fadu No R | Grid Sampling | Sampling
Score: 18803.0136



Dataset: dbpedia_1998_FIFA_World_Cup_squads | K=1000, k=100 | G=256 (16x16)

Base

Padu

No R

Grid

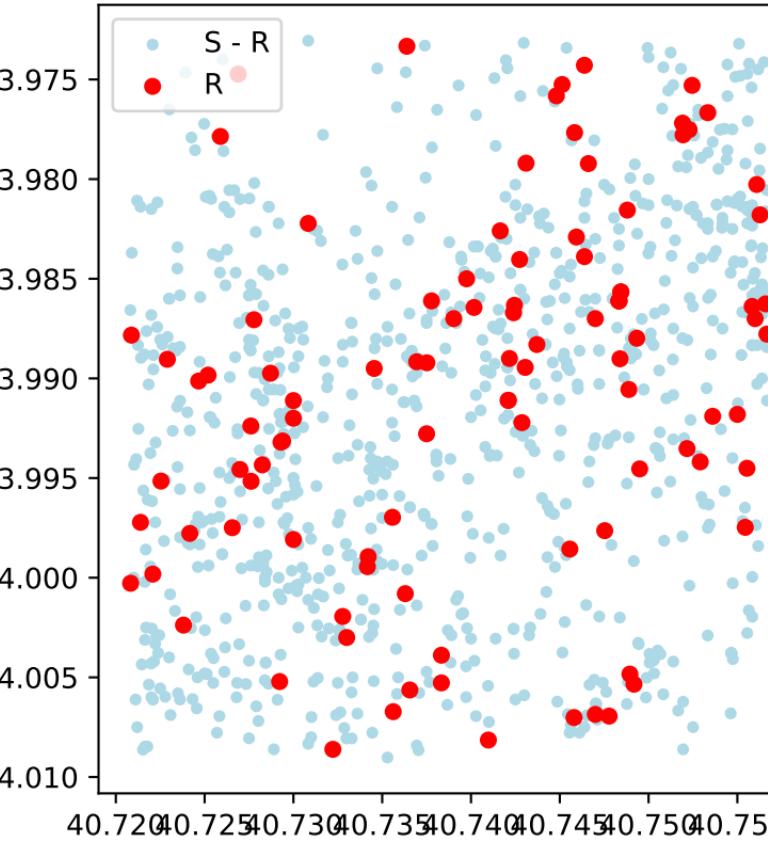
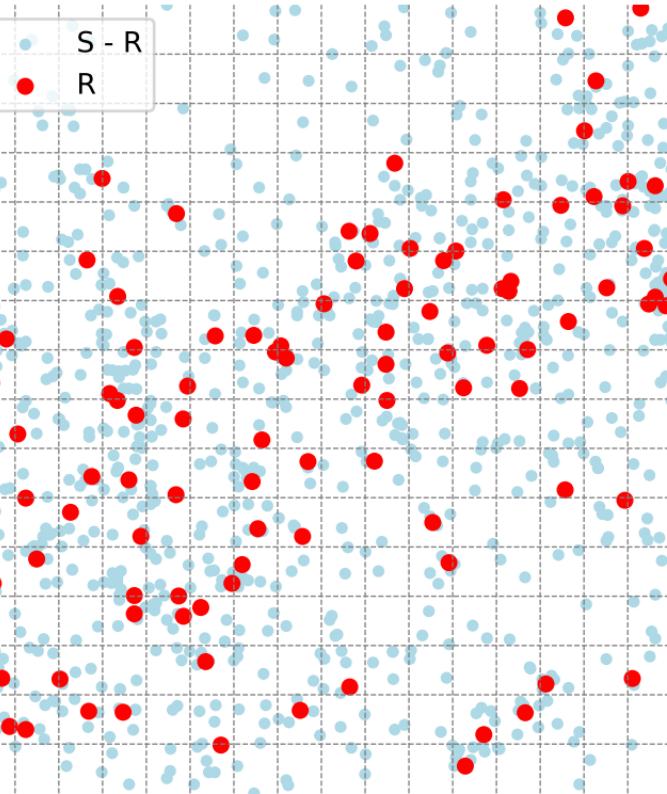
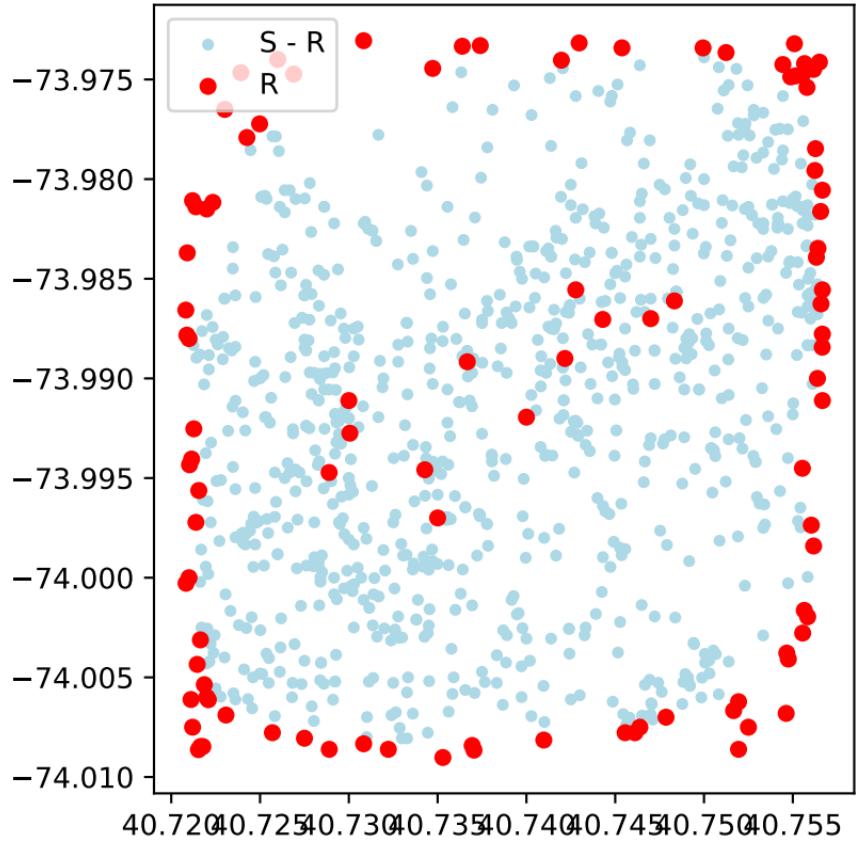
Sampling

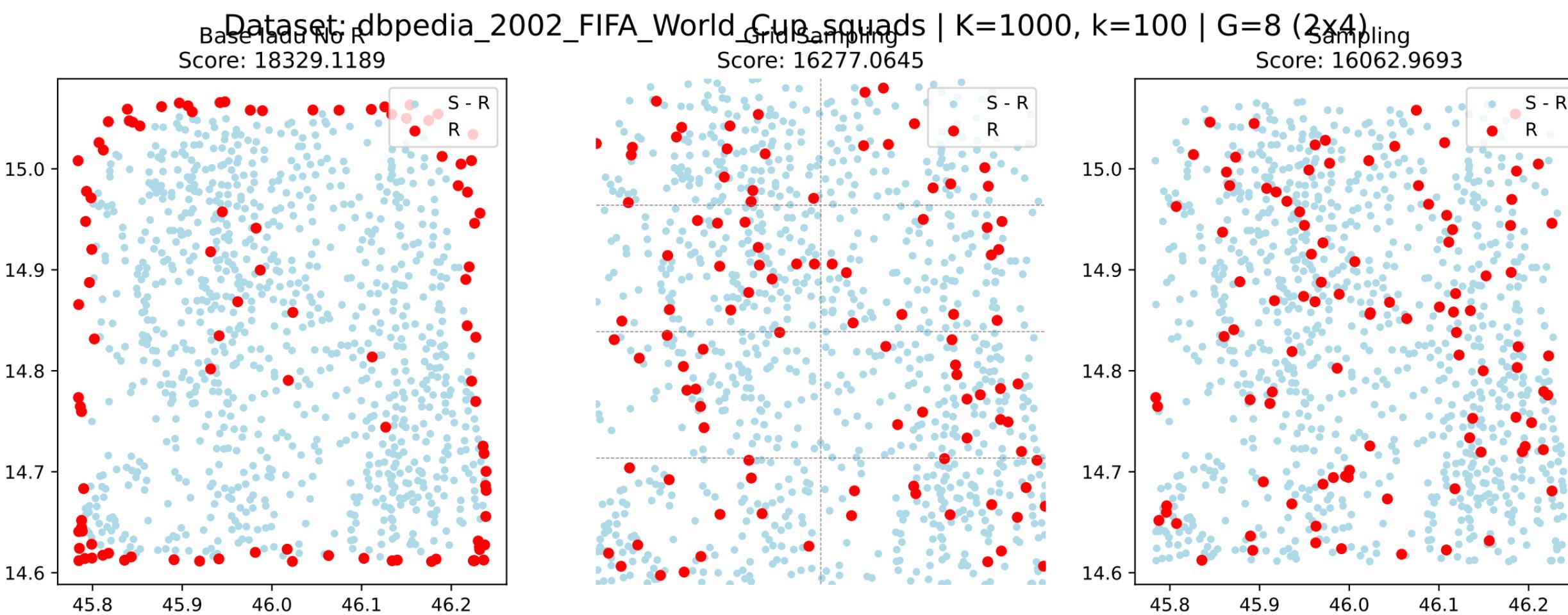
Sampling

Score: 18803.0136

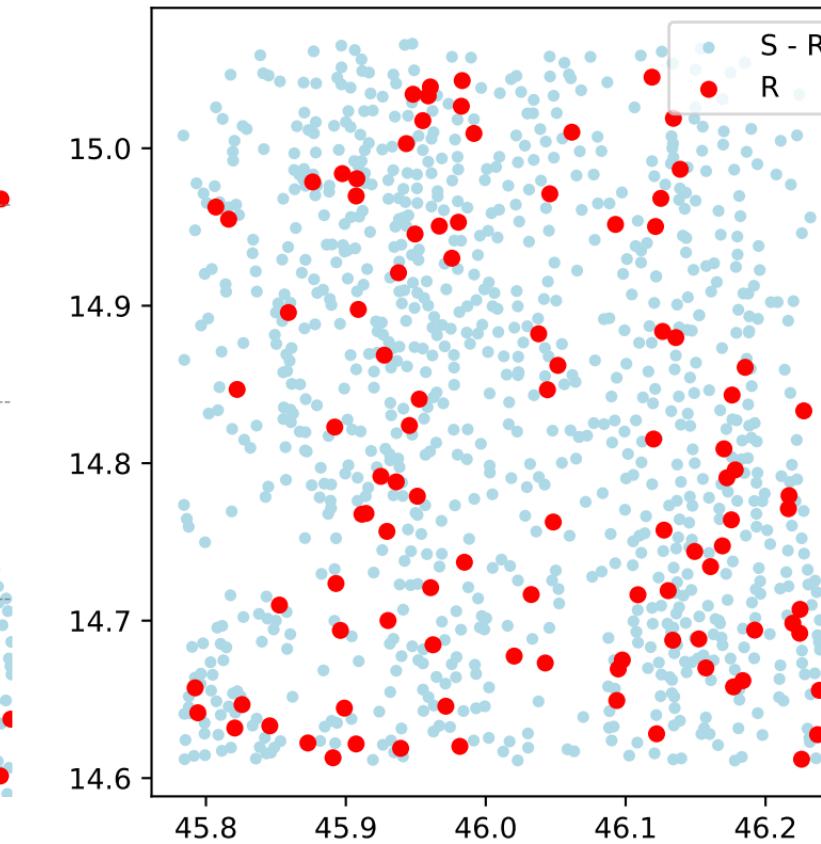
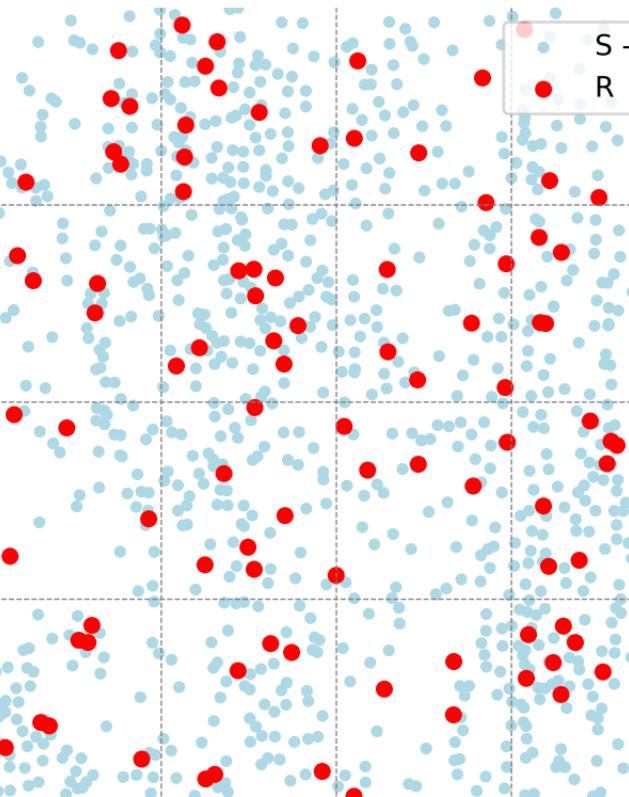
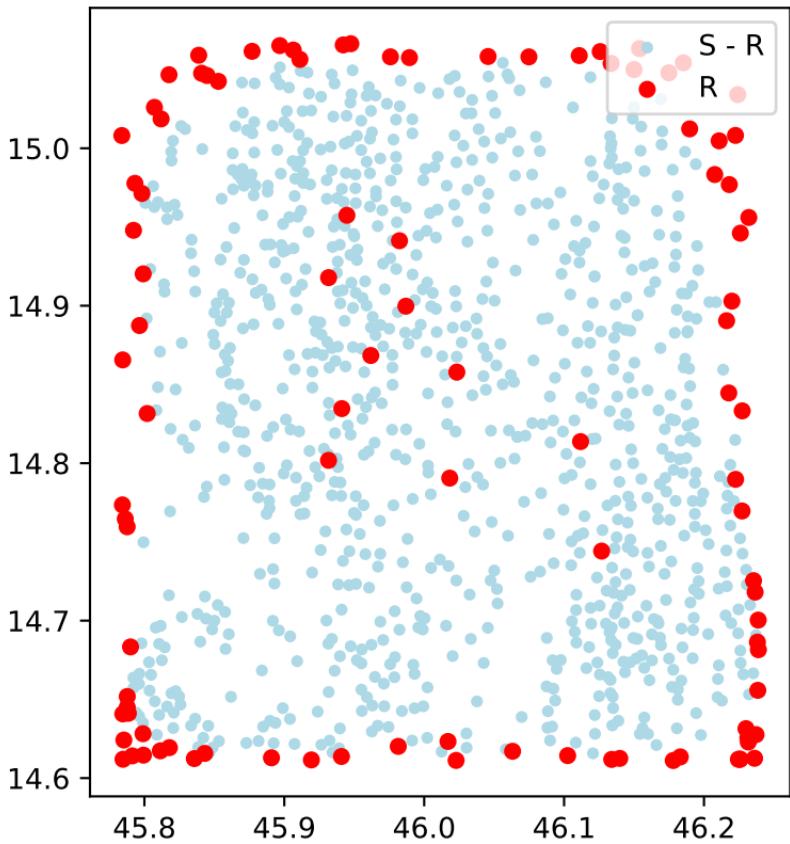
Score: 16039.4213

Score: 16221.2997

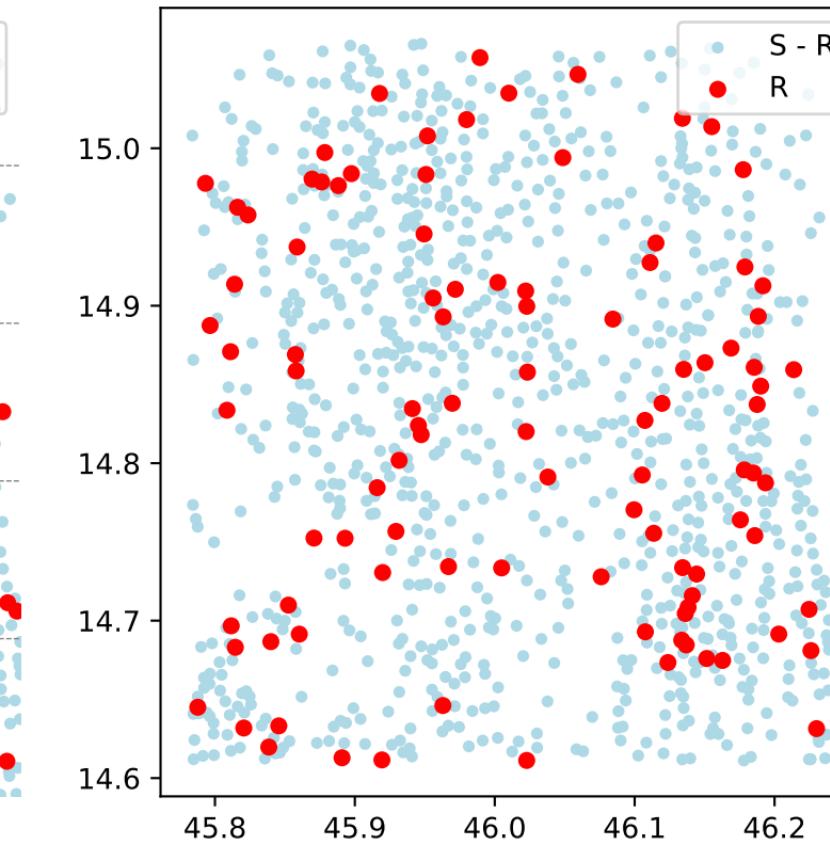
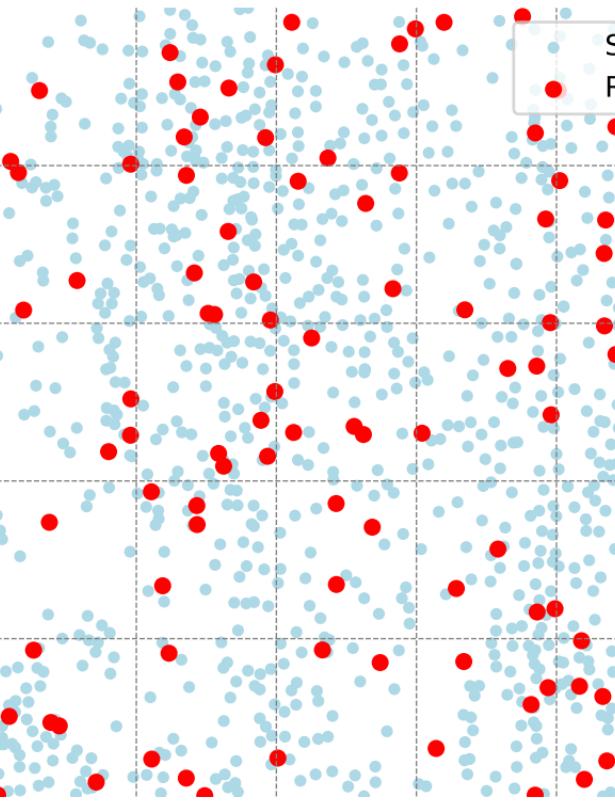
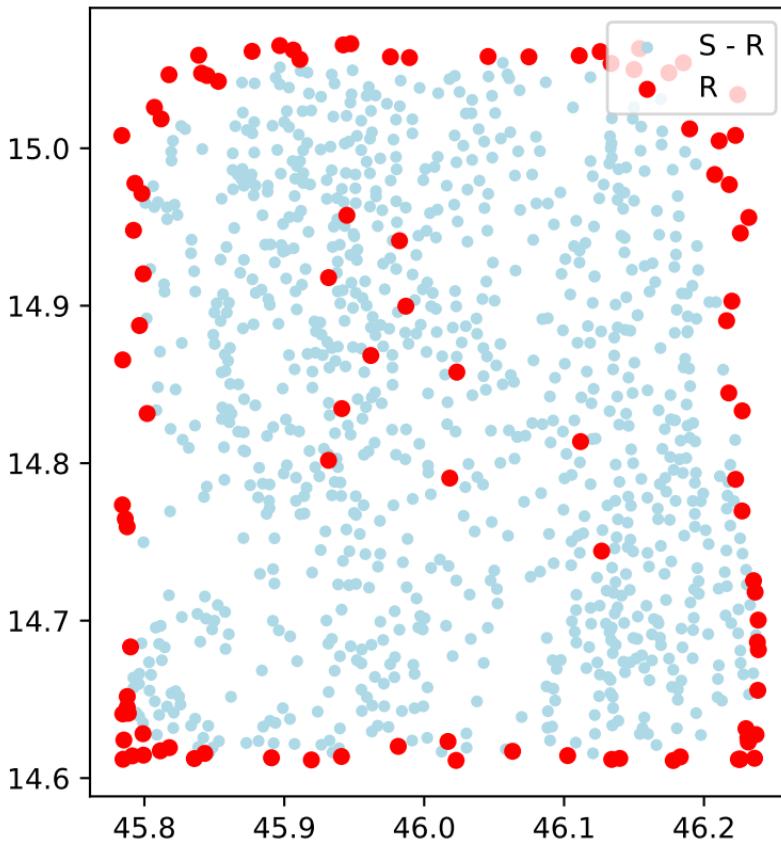




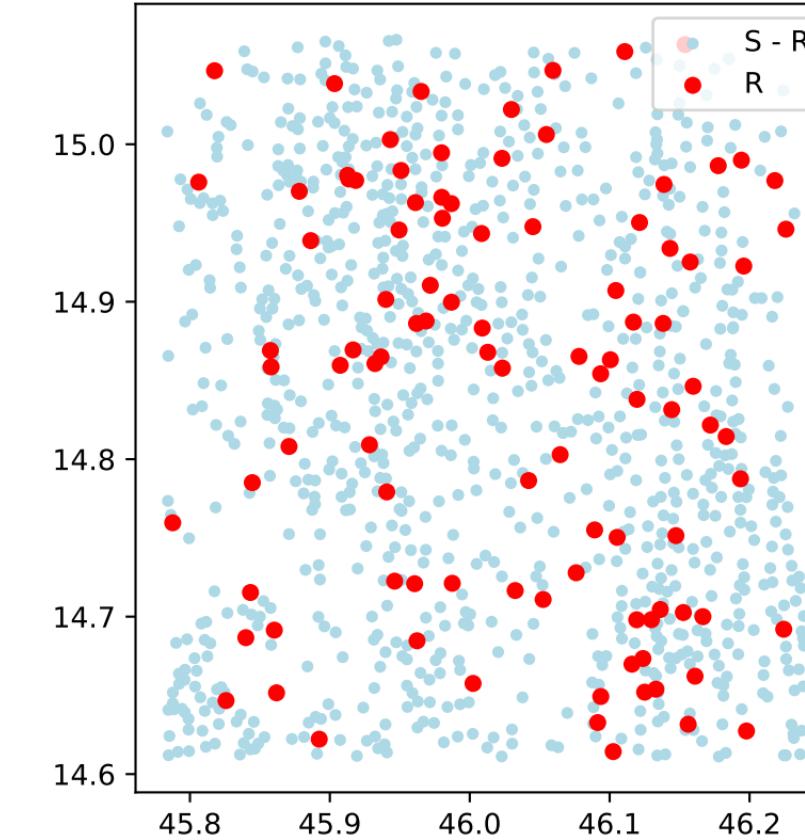
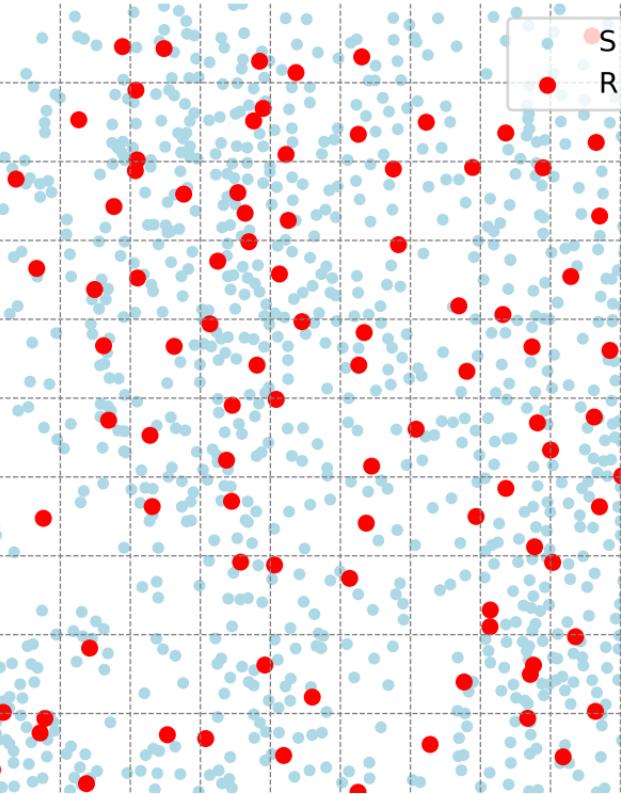
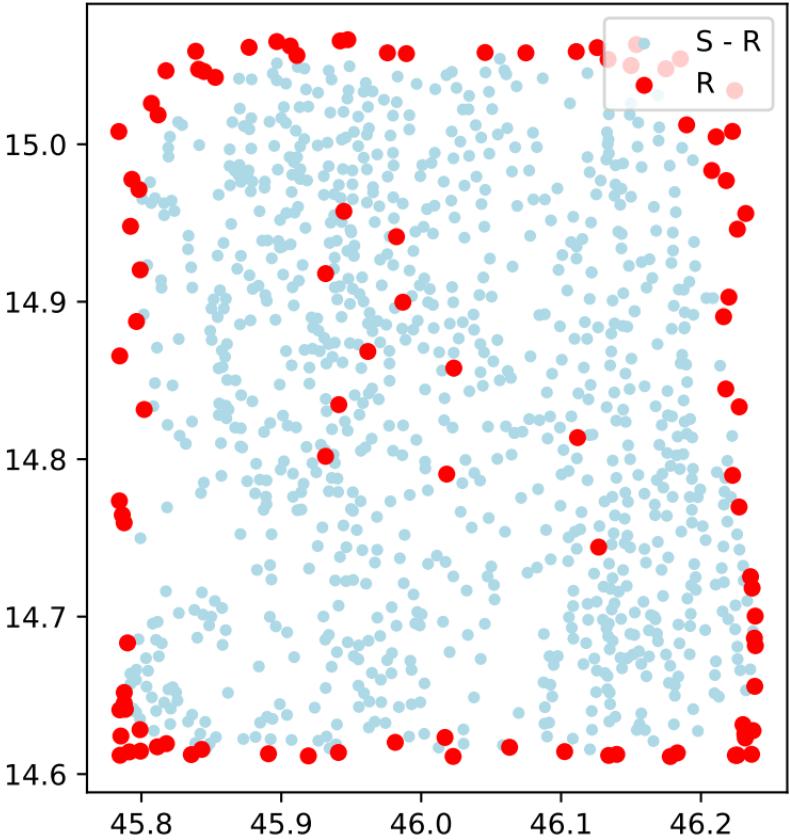
Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=100 | G=16 (4x4)
Base IAU No R Grid Sampling Sampling
Score: 18329.1189 Score: 15984.6192 Score: 15816.9947



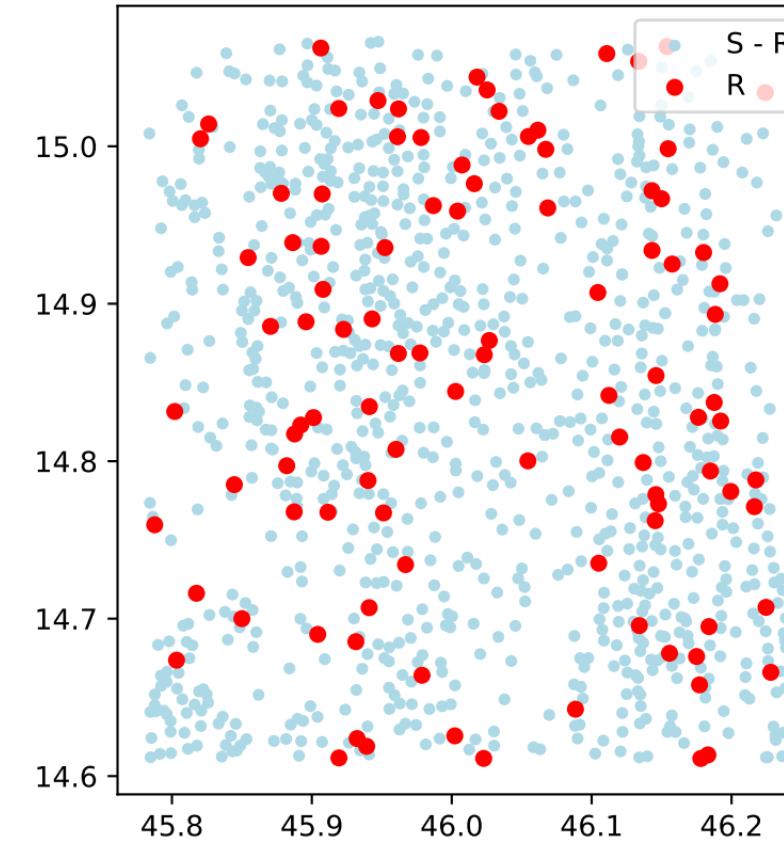
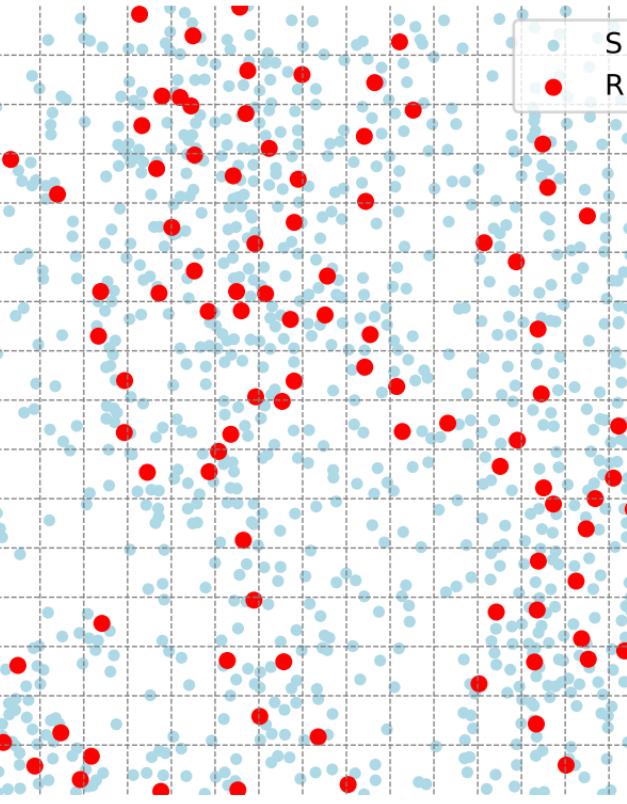
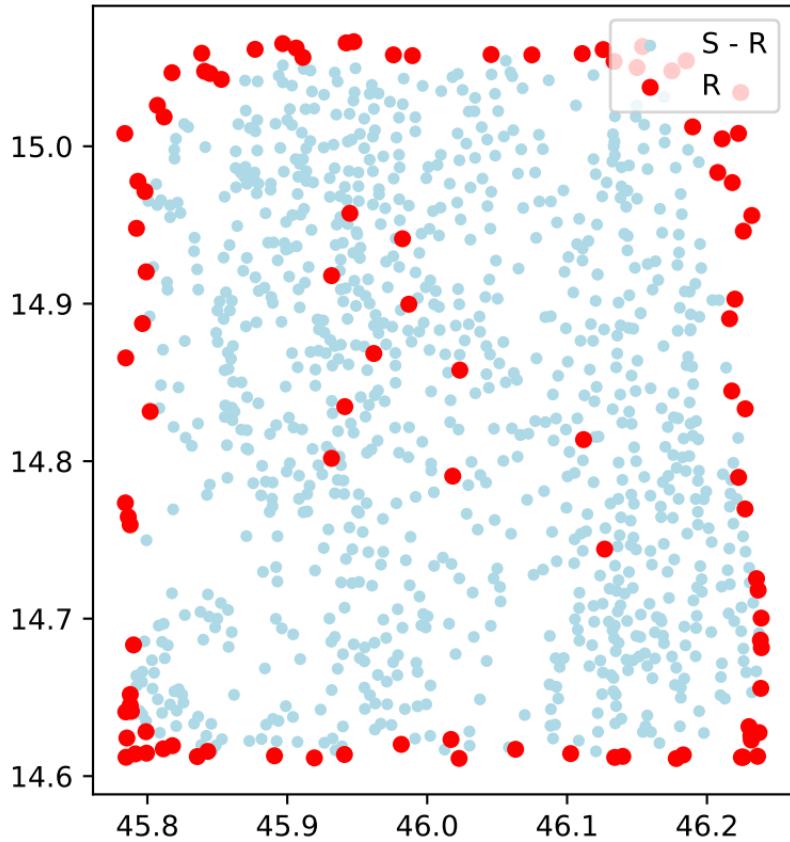
Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=100 | G=25 (5x5)
Base IAU No R Grid Sampling Sampling
Score: 18329.1189 Score: 16278.8913 Score: 15946.1122



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=100 | G=100 (10x10)
Base Fadu No R | Grid Sampling | Sampling
Score: 18329.1189 Score: 15968.2237 Score: 15332.7927



Dataset: dbpedia_2002_FIFA_World_Cup_squads | K=1000, k=100 | G=256 (16x16)



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=100 | G=8 (2x4)

Baseline No R

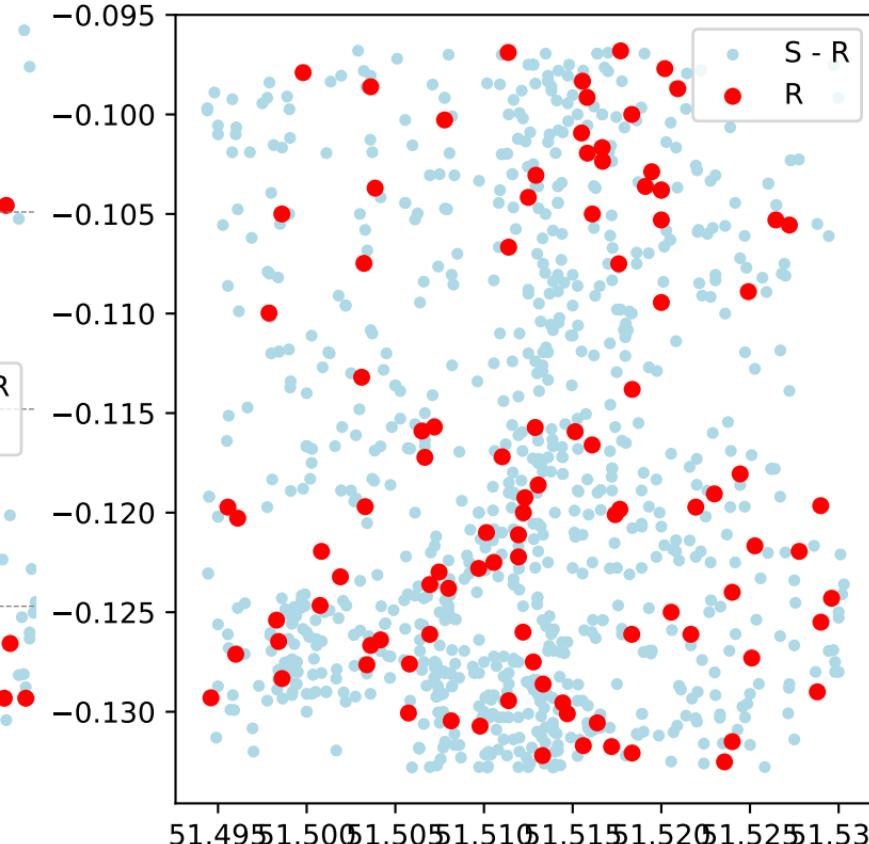
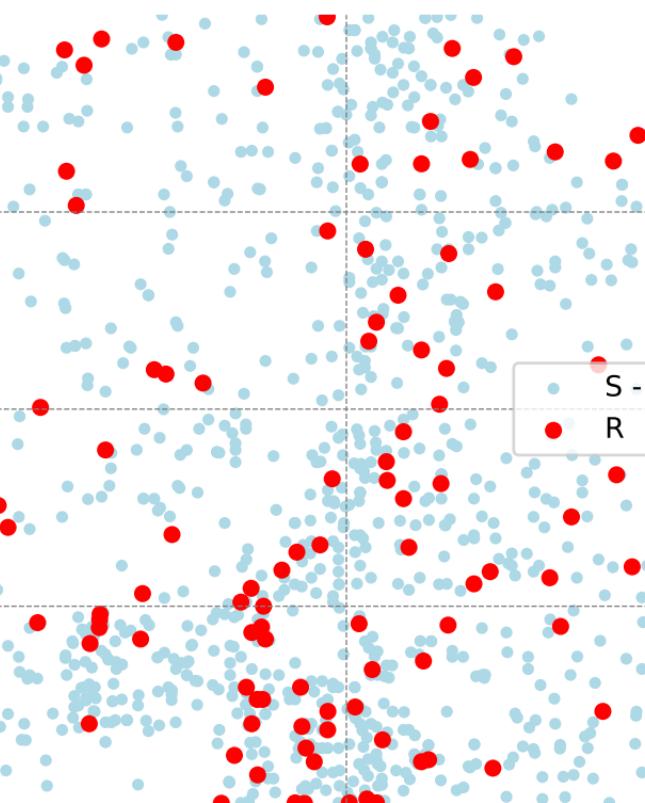
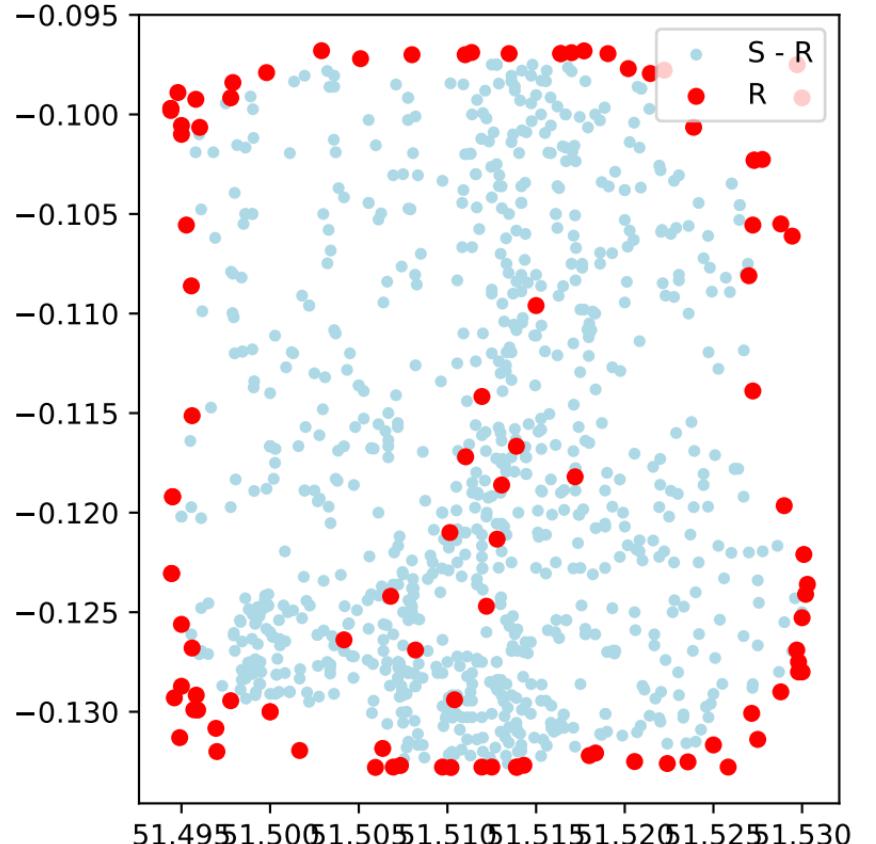
Score: 19062.5202

Grid Sampling

Score: 16702.9777

Sampling

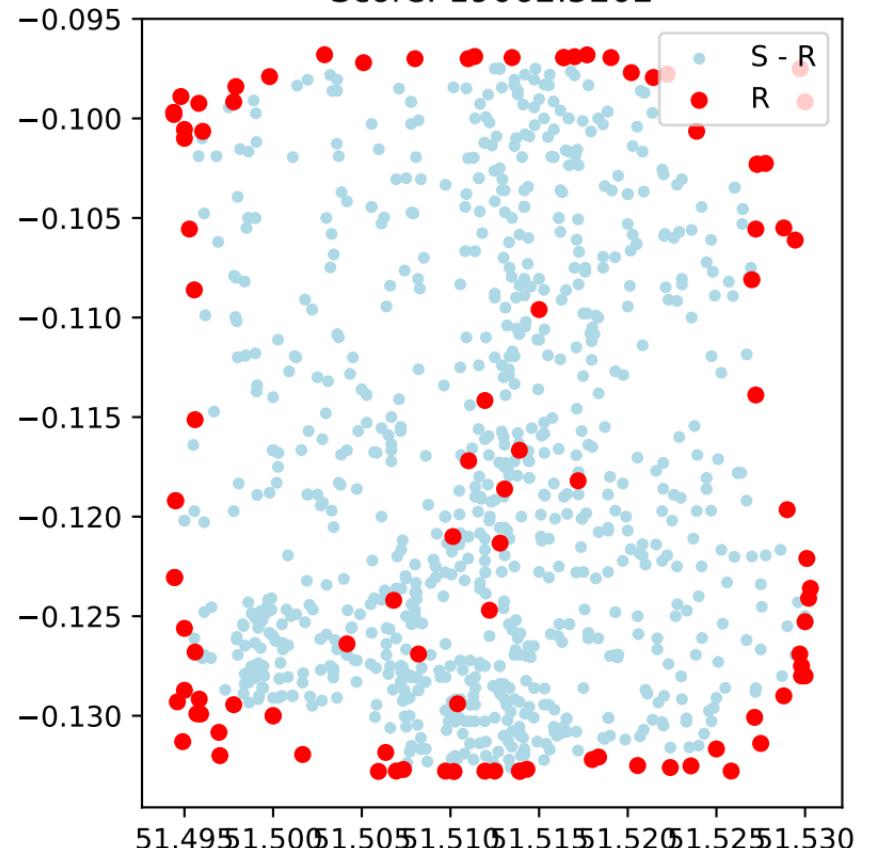
Score: 16858.9118



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=100 | G=16 (4x4)

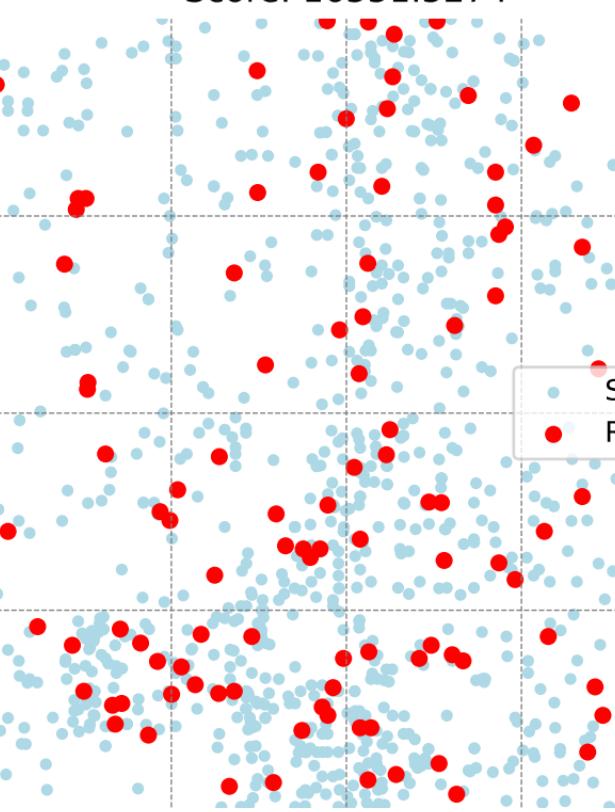
Base Iafu No R

Score: 19062.5202



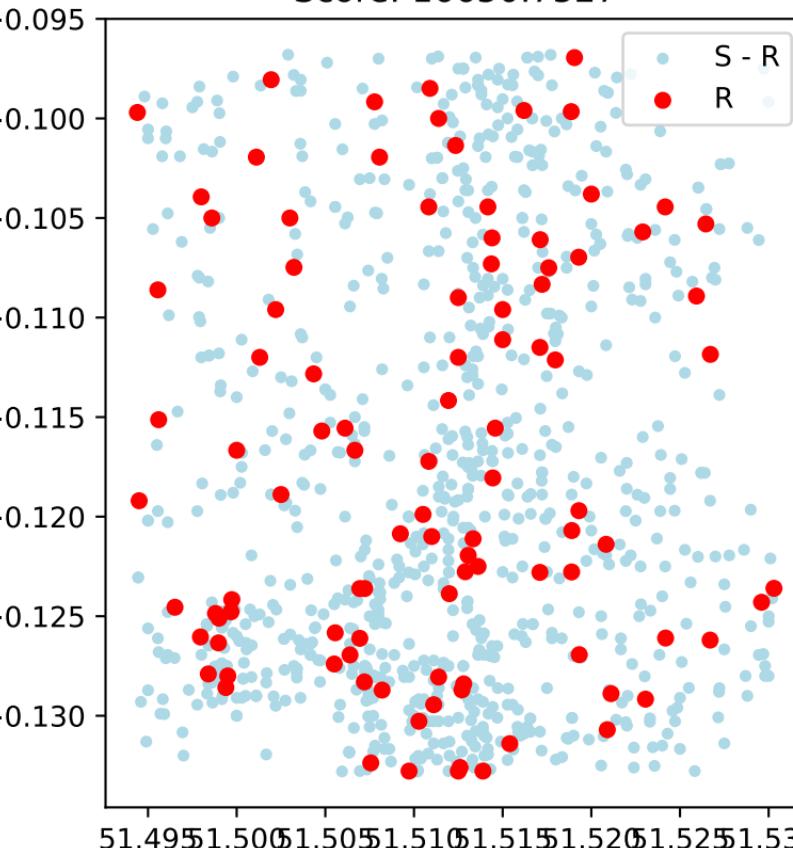
Grid Sampling

Score: 16551.5274



Sampling

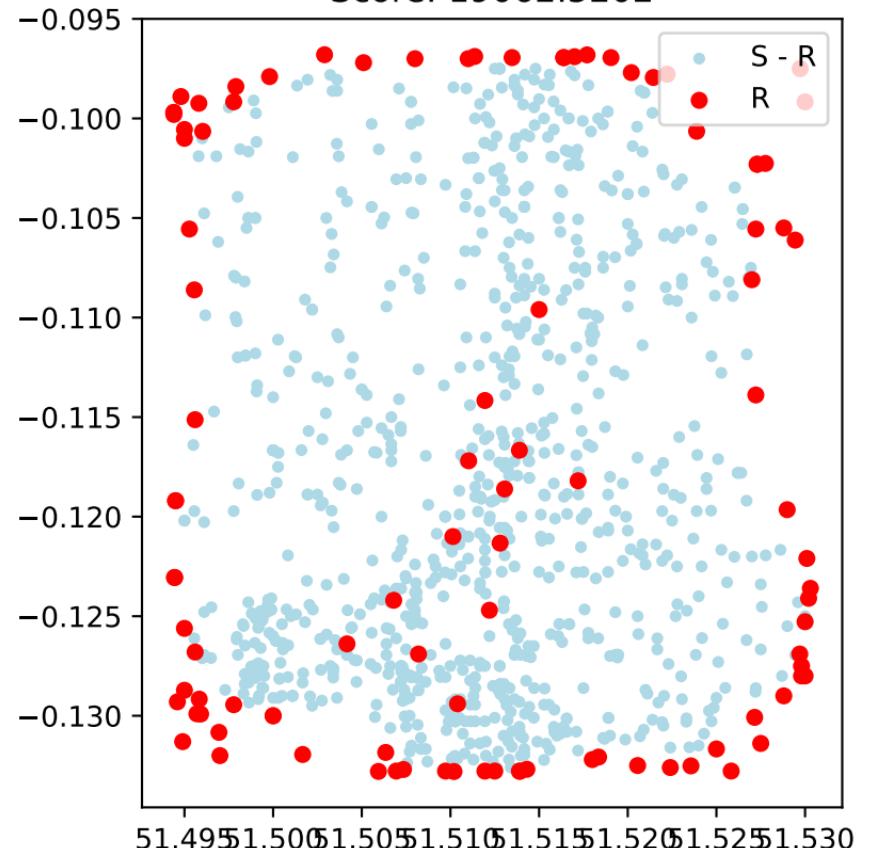
Score: 16650.7527



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=100 | G=25 (5x5)

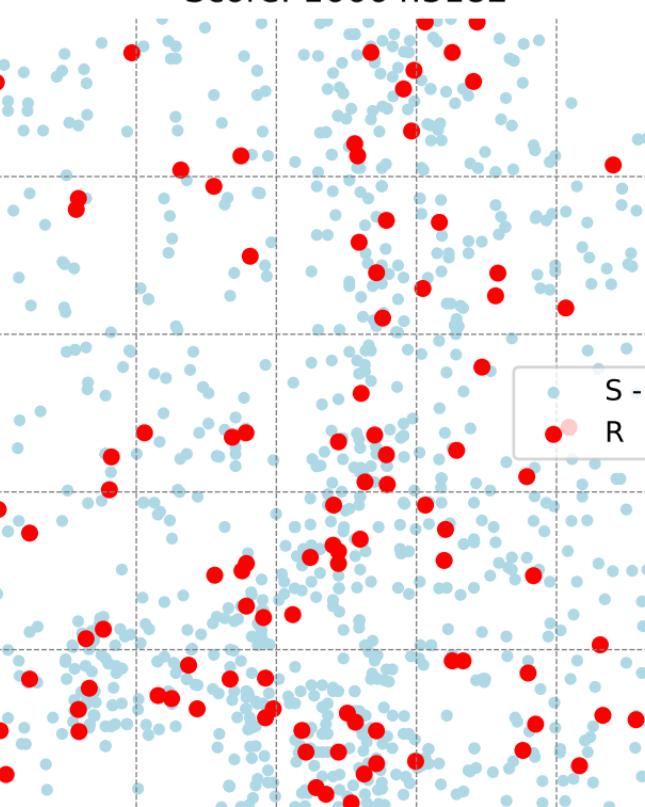
Base Iadu No R

Score: 19062.5202



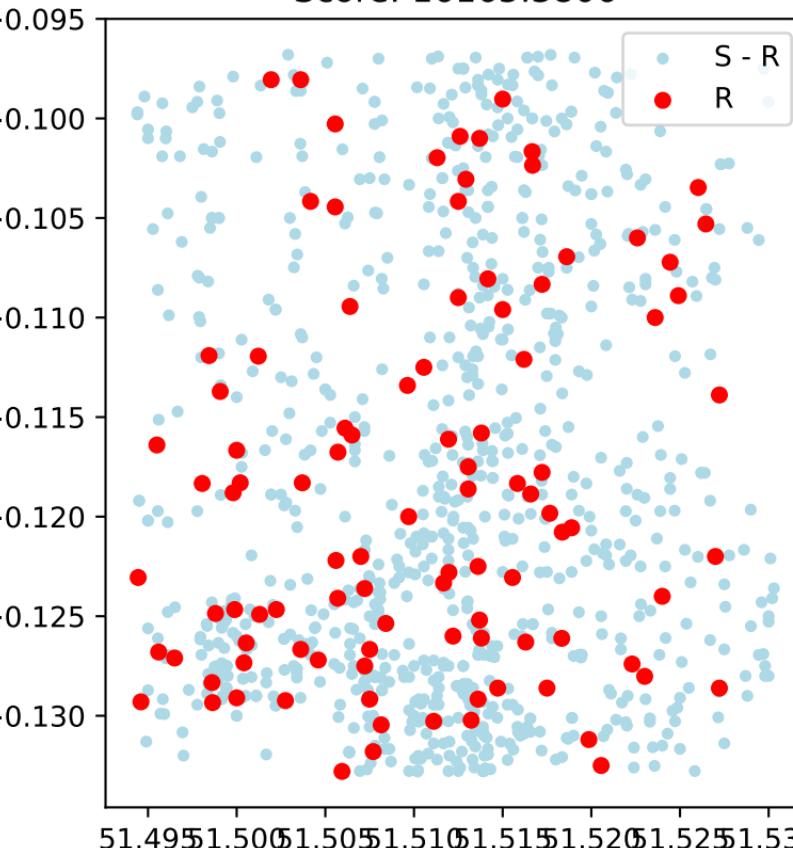
Grid Sampling

Score: 16664.3182



Sampling

Score: 16165.3806



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=100 | G=100 (10x10)

Base

Padu

No R

Grid

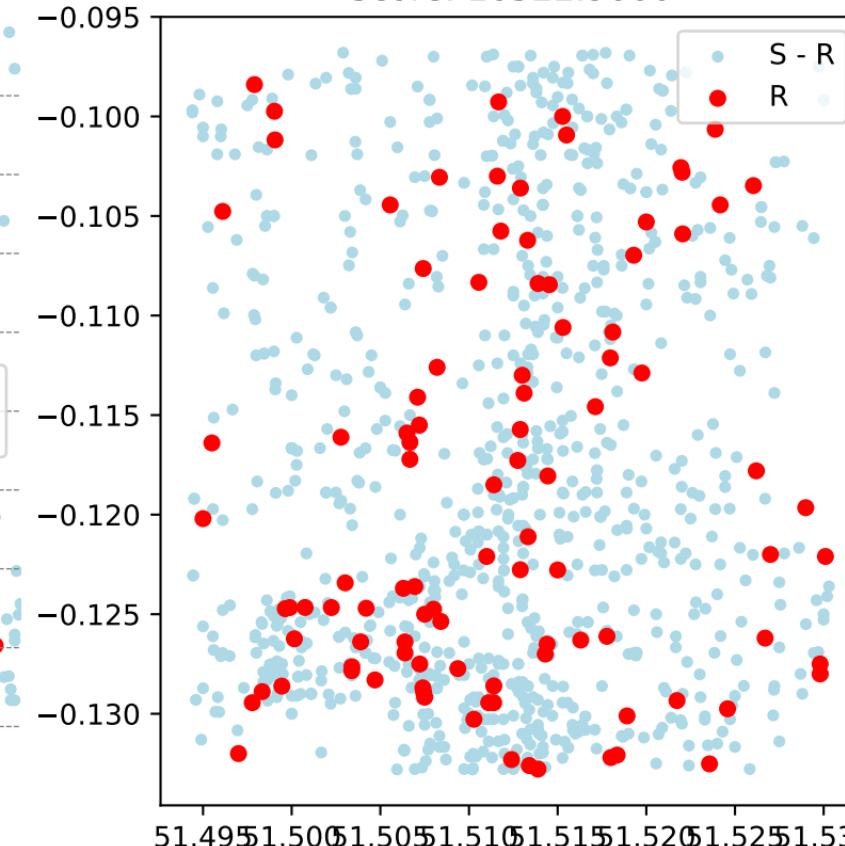
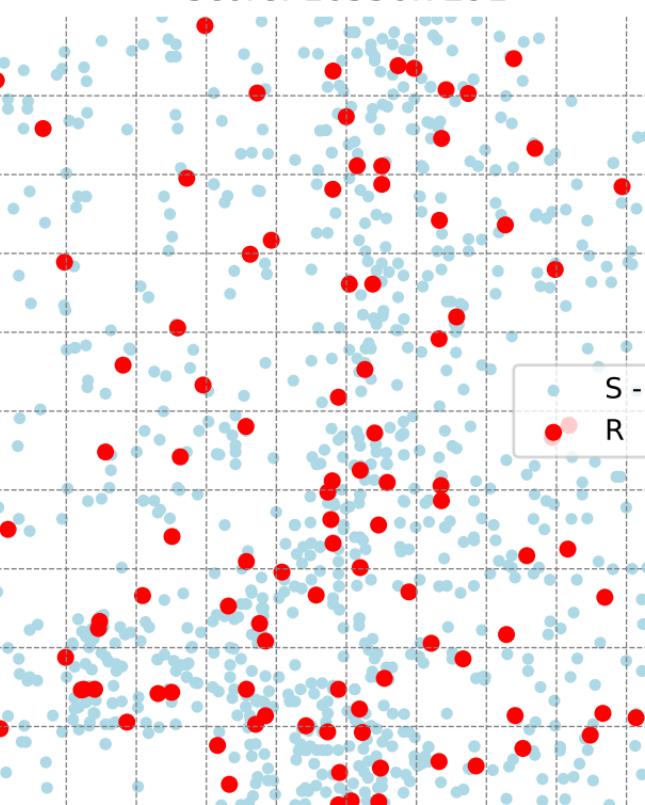
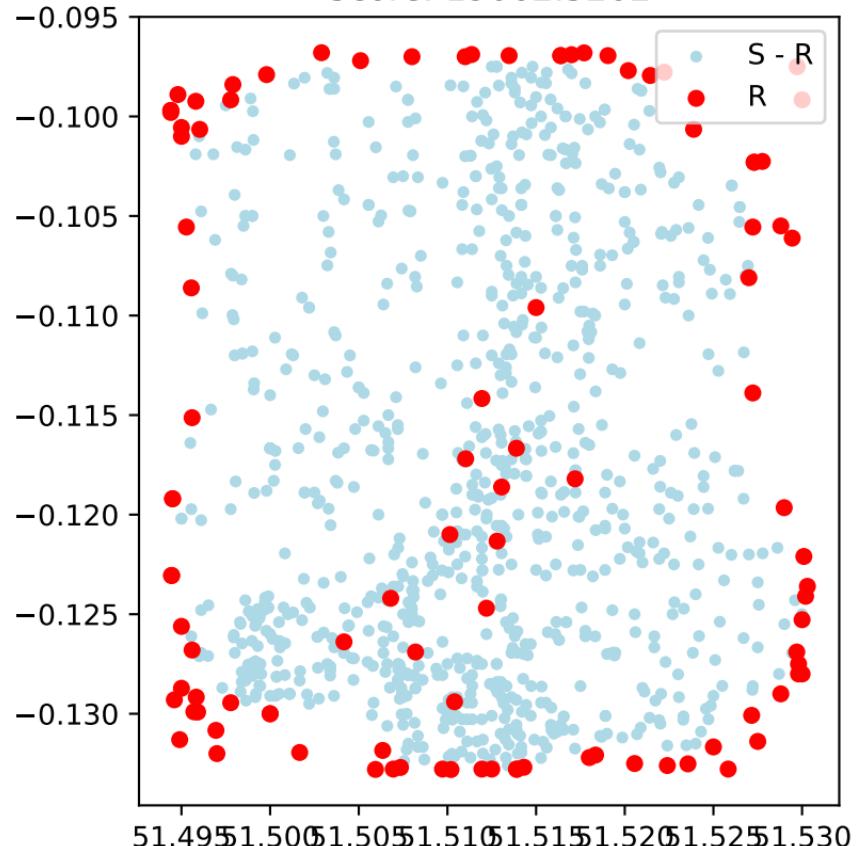
Sampling

Sampling

Score: 19062.5202

Score: 16556.7291

Score: 16522.9000



Dataset: dbpedia_2010_FIFA_World_Cup_squads | K=1000, k=100 | G=256 (16x16)

Base

Padu

No R

Grid

Sampling

Sampling

Score: 19062.5202

Score: 16040.5988

Score: 16204.2115

